

# Texas Municipal Retirement System

Actuarial Valuation Report  
as of December 31, 2022





May 25, 2023

Board of Trustees  
Texas Municipal Retirement System  
Austin, Texas 78701

Dear Trustees:

**Subject: Actuarial Valuation Report (“our Report”) of the Texas Municipal Retirement System (“TMRS”) as of December 31, 2022**

This is the December 31, 2022 actuarial valuation of the Texas Municipal Retirement System (“TMRS” or the “System”) which determines the contribution rates for the calendar year beginning January 1, 2024. This report describes the current actuarial condition of TMRS, determines recommended city contribution rates, and analyzes changes in these contribution rates. The results presented herein may not be applicable for other purposes. This report reflects the benefit provisions and contribution rates in effect for each of the 919 separate city plans participating in TMRS. Separate liabilities and contribution rates are determined for each of the participating cities. Valuations are prepared annually as of December 31<sup>st</sup>, the last day of the plan year.

The participating cities’ contribution rates are certified annually by the Board of Trustees (the “Board”), which is the intended user of this report. These rates are determined actuarially, based on the actuarial assumptions and methodology adopted by the Board. The Board’s current policy is that the contribution rates determined by a given actuarial valuation become effective one (1) year after the valuation date. For example, the rates determined by this December 31, 2022 actuarial valuation will be applicable for the calendar year beginning January 1, 2024 and ending December 31, 2024.

#### **Financing objectives and funding policy**

The actuarial cost method and the amortization periods are set by Board policy. Contribution rates and liabilities are computed using the Entry Age Normal actuarial cost method. In TMRS, a city’s actuarially determined contribution rate consists of two components: the Employer Normal Cost Contribution Rate and the Prior Service Contribution Rate, which is the amortization of any Unfunded Actuarial Accrued Liability. Both rates are determined as a percentage of active Member payroll. In addition, a Supplemental Death Benefit (SDB) Rate is determined annually for each participating city, if applicable. These SDB rates are listed in Section 5 of our Report.

### **Progress toward realization of financing objectives**

The Funded Ratio (the ratio of the Actuarial Value of Assets to the Actuarial Accrued Liability) is a standard measure of a plan's funded status. Given the plan's contribution allocation procedure, if all actuarial assumptions are met (including the assumption of the plan earning 6.75% on the Actuarial Value of Assets) and absent future benefit changes, it is expected that:

1. The Employer Normal Cost as a percentage of payroll will remain level,
2. The Unfunded Actuarial Accrued Liability will be fully amortized over the remaining amortization period of each city, and
3. The funded status of each city will converge gradually towards a 100% Funded Ratio.

The Funded Ratio of TMRS as a whole is 89.7% and decreased from 90.5% in the prior valuation. This decrease in the Funded Ratio from the prior valuation is primarily due to losses from the investment return on the Actuarial Value of Assets of 5.93% which is less than the assumed rate of 6.75%, and the upcoming COLA being greater than assumed. (Please note that each city is responsible for its own assets and liabilities and will have its own Funded Ratio.) On a market value of assets basis, the Funded Ratio of TMRS as a whole is 83.6% compared to 96.3% in the prior valuation.

Unless otherwise indicated, each funded status measurement presented in this report is based upon the Actuarial Accrued Liability and the Actuarial Value of Assets. Unless otherwise indicated, with regards to any funded status measurements presented in this report:

1. The measurement is inappropriate for assessing the sufficiency of plan assets to cover the estimated cost of settling the plan's benefit obligations.
2. The measurement would produce a different result if the market value of assets were used instead of the Actuarial Value of Assets.

### **Benefit provisions and changes**

The benefit provisions reflected in this valuation are those which were in effect as of April 1, 2023. In addition to the 909 plans that are actively participating in TMRS, there are another ten (10) plans that are in inactive status with no active Members. No new plan provisions occurred during 2022 that impacted the valuation results, other than individual changes adopted by the various cities.

Of the 909 active cities, 603 (66%) have adopted annually repeating Updated Service Credits. In addition, 474 (52%) of the cities have adopted annually repeating Annuity Increases.



However, the larger participating cities have almost all adopted annually repeating benefits. Therefore, of the 119,723 actively contributing Members, 92% are covered under an annually repeating Updated Service Credit benefit structure and 72% are covered under an annually repeating Annuity Increase structure.

Eighteen cities began participation in the System during 2022. Exhibit VI in Section 1 of our Report shows these cities, the number of contributing Members, total payroll, and the 2024 retirement rates.

There were 80 cities which modified their pension benefit provisions since the prior valuation. Of these cities, 77 adopted changes which increased benefits, while 3 cities adopted changes which decreased benefits. A summary of these changes is provided in Section 7 of our Report, and the impact on each city's calculated retirement rate is shown in Section 3. The aggregate benefit changes and 18 new cities increased the overall liability of the System by \$125.0 million.

### **Assumptions and methods**

All actuarial assumptions and methods are described under Section 6 of our Report. The current actuarial assumptions were developed from the actuarial investigation of the experience of TMRS over the four-year period from December 31, 2014 to December 31, 2018. These assumptions were adopted by the Board in 2019 and were first used in the December 31, 2019 valuation. The Actuarial Experience Investigation Study report dated October 15, 2019 details the analysis and changes to assumptions.

There have been no changes in the actuarial assumptions or methods since the prior valuation. Due to an increase in SDB claims, the Board adopted changes to the assumptions and methodology used for calculating the 2023 and 2024 SDB rates. A margin for adverse experience was added to the calculation for 2023 and 2024, as well as the removal of a credit to the SDB rate for active coverage equal to 2% of the fund balance.

The results of the actuarial valuation are dependent on the actuarial assumptions used. Actual results can and almost certainly will differ, as actual experience deviates from the assumptions. Even seemingly minor changes in the assumptions can materially change the liabilities, calculated contribution rates and funding periods. The actuarial calculations presented in our Report are intended to provide information for rational decision making. The actuarial assumptions and methods used in our Report comply with the actuarial standards of practice (ASOPs) and the parameters for disclosure that appear in Governmental Accounting Standards Board Statement Number 67.



## Data

The TMRS staff supplied data for retired, active and inactive Members as of December 31, 2022. We did not audit this data, but we did apply a number of tests to the data, and we concluded that it was reasonable and consistent with the prior year's data. TMRS staff also supplied the asset and financial information as of December 31, 2022.

## Actuarial Certification

This report is a summary of the actuarial valuation results. Additional detailed results are provided in the TMRS Annual Comprehensive Financial Report. All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

The undersigned are independent actuaries. They are both Members of the American Academy of Actuaries, meet all of the Qualification Standards of the American Academy of Actuaries, and are experienced in performing valuations for large public retirement systems.

Respectfully submitted,

**Gabriel, Roeder, Smith & Company**



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# SECTION 1

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## EXECUTIVE SUMMARY

## Executive Summary Pension Trust

Item	2022	2021
Membership		
• Participating cities	919	901
• Number of		
- Active Members	119,723	116,053
- Retirees and beneficiaries	80,608	76,675
- Inactive Members	<u>80,606</u>	<u>74,086</u>
- Total	280,937	266,814
• Valuation Payroll (projected next year)	\$ 7.970 billion	\$ 7.532 billion
• Prior year payroll	7.897 billion	7.346 billion
Minimum Contribution Rates	FY 2024	FY 2023
• Straight average	9.31 %	8.98 %
• Dollar weighted average	13.84	13.25
Assets		
• Market value	\$ 35.600 billion	\$ 38.593 billion
• Estimated yield on market value	(7.3) %	13.0 %
• Member contributions	\$ 529.9 million	\$ 492.3 million
• City contributions	1,144.8 million	1,076.9 million
• Benefit, refund, and expense payments	1,879.9 million	1,728.8 million
• Net external cash flow	(205.2) million	(159.6) million
Actuarial Information - Pension Trust		
• Actuarial Accrued Liability (AAL)	\$ 42.598 billion	\$ 40.082 billion
• Unfunded Actuarial Accrued Liability (UAAL)	4.389 billion	3.800 billion
• UAAL as % of pay	55.6 %	51.7 %
• Funded Ratio	89.7	90.5
• Employer Normal Cost % - Aggregate	8.92	8.83
• Actuarially Determined Employer Contribution - Aggregate	13.84	13.25
• Equivalent single amortization period	14.9 years	15.3 years
Number of Member Cities with:		
• Increase in Full Retirement Rate	585	347
• Decrease in Full Retirement Rate	281	510
• No change in Full Retirement Rate	24	29
• New cities	18	6
• Benefit changes (retirement only)	80	64
Changes in the UAAL		
• Interest	\$ 256.5 million	\$ 265.0 million
• Amortization payments	(339.1) million	(337.0) million
• Asset experience	289.8 million	(272.0) million
• Assumption/Methods changes	0.0 million	0.0 million
• Liability experience	401.5 million	258.6 million
• Benefit modifications/New Cities	125.0 million	63.6 million
• Contributions different than actuarially calculated	<u>(144.8) million</u>	<u>(104.6) million</u>
• Total	\$ 588.9 million	\$ (126.4) million



## Executive Summary Supplemental Death Trust

Item	2022	2021
<b>Membership (TMRS Active Cities)</b>		
• Cities with only active coverage	4	4
- Number of Members with active only coverage	777	764
- Valuation Payroll (projected next year)	\$ 61.795 million	\$ 59.003 million
- Prior year payroll	62.528 million	57.891 million
• Cities with active and retiree coverage	796	779
- Number of Members covered		
- Active Members	80,758	78,441
- Retirees	37,237	35,323
- Inactive Members	<u>12,166</u>	<u>11,284</u>
- Total	130,161	125,048
- Valuation Payroll (projected next year)	\$ 5.382 billion	\$ 5.084 billion
- Prior year payroll	5.328 billion	4.965 billion
<b>Average Contribution Rates For Participating Cities</b>		
	FY 2024	FY 2023
• Straight Average		
- Active coverage	0.25 %	0.25 %
- Retiree coverage	0.17	0.17
• Dollar Weighted Average		
- Active coverage	0.20 %	0.20 %
- Retiree coverage	0.12	0.13
<b>Actuarial Information - OPEB</b>		
• Actuarial Accrued Liability (AAL)	\$ 209.6 million	\$ 200.4 million
• Fund Value of Assets	<u>3.2 million</u>	<u>5.8 million</u>
• Unfunded Actuarial Accrued Liability (UAAL)	\$ 206.4 million	\$ 194.6 million
• UAAL as % of pay	3.9 %	3.9 %
• Funded Ratio	1.5	2.9

**Exhibit I**  
**Summary of Systemwide Actuarial Valuation Results**

	<u>December 31, 2022</u>	<u>December 31, 2021</u>
<u>I. Valuation Results for Participating Cities</u>		
1. Actuarial Accrued Liability (AAL)		
a. Contributing Members	\$ 18,533,831,248	\$ 17,988,760,968
b. Noncontributing Members	3,642,746,232	3,386,901,532
c. Annuitants	19,694,269,504	17,979,456,242
d. Expense and Endowment Funds	<u>726,362,269</u>	<u>726,422,776</u>
e. Total AAL	\$ 42,597,209,253	\$ 40,081,541,518
2. Actuarial Value of Assets (AVA)		
a. Benefit Accumulation Fund (Smoothed)	\$ 37,482,130,776	\$ 35,555,263,768
b. Interest Reserve Account	679,766,147	674,474,626
c. Perpetual Endowment	32,320,230	29,566,079
d. Expense Fund	6,775,892	14,882,071
e. General Reserve	<u>7,500,000</u>	<u>7,500,000</u>
f. Total AVA	\$ 38,208,493,045	\$ 36,281,686,544
3. Total Unfunded Actuarial Accrued Liability (UAAL) [1e - 2f]	\$ 4,388,716,208	\$ 3,799,854,974
4. Funded Ratio [2 / 1]	89.7 %	90.5 %
<u>II. Valuation Results for Pooled Benefits</u>		
1. Actuarial Present Value of Future Benefits from the Supplemental Disability Benefits Fund for annuities in effect	\$ 321,258	\$ 334,490
2. Actuarial Value of Assets of the Supplemental Disability Benefits Fund	<u>250,073</u>	<u>280,897</u>
3. Unfunded/(Overfunded) Actuarial Accrued Liability [UAAL/(OAAL)] in Supplemental Disability Benefits Fund [1 - 2]	\$ 71,185	\$ 53,593
4. Funded Ratio [2 / 1]	77.8 %	84.0 %

**Exhibit II**  
**Plan Net Assets - Pension Trust**  
**(Assets at Market Value)**

	Valuation of	
	December 31, 2022	December 31, 2021
1. Market value of assets at beginning of year	\$ 38,593,014,384	\$ 34,282,893,034
2. Revenue for the year		
a. Contributions		
i. Member	\$ 529,914,380	\$ 492,319,722
ii. City	1,144,820,990	1,076,907,798
iii. Total Contributions	<u>\$ 1,674,735,370</u>	<u>\$ 1,569,227,520</u>
b. Net investment income		
i. Interest and dividends	\$ 469,097,856	\$ 499,024,961
ii. Net apprec/(deprec) in fair value of investments	(3,256,856,767)	4,012,087,723
iii. Net securities lending income	-	-
iv. Investment expenses	<u>(28,871,492)</u>	<u>(42,010,847)</u>
v. Net investment income	<u>\$ (2,816,630,403)</u>	<u>\$ 4,469,101,837</u>
c. Miscellaneous	\$ 29,274,135	\$ 560,172
d. Total revenue	<u>\$ (1,112,620,898)</u>	<u>\$ 6,038,889,529</u>
3. Expenditures for the year		
a. Benefit payments		
i. Retirement benefits	\$ (1,533,860,921)	\$ (1,433,417,513)
ii. Disability benefits	(17,206,656)	(17,238,391)
iii. Partial lump sum payments	<u>(230,427,012)</u>	<u>(194,678,511)</u>
iv. Total benefit payments	<u>\$ (1,781,494,589)</u>	<u>\$ (1,645,334,415)</u>
b. Refund of contributions	\$ (73,846,188)	\$ (62,336,087)
c. Administrative expenses	(24,377,951)	(20,679,140)
d. Allocation to supplemental death benefits fund	<u>(183,971)</u>	<u>(418,537)</u>
e. Total expenditures	<u>\$ (1,879,902,699)</u>	<u>\$ (1,728,768,179)</u>
4. Increase in net assets (Item 2d + Item 3e)	\$ (2,992,523,597)	\$ 4,310,121,350
5. Market value of assets at end of year (Item 1 + Item 4)	\$ 35,600,490,787	\$ 38,593,014,384

**Exhibit III**  
**Development of Actuarial Value of Assets**  
**Benefit Accumulation Fund (BAF) Only**

		Year Ending December 31, 2022				
1. Actuarial Value of Assets at January 1		\$ 35,555,263,768				
2. Net external cash flow						
a. Employer and Member contributions		\$ 1,672,675,583				
b. Benefits and refunds paid		<u>(1,855,983,064)</u>				
c. Subtotal		\$ (183,307,481)				
3. Assumed rate of investment return for 2022		6.75%				
4. Expected investment return for 2022 (Item 1 x Item 3)		\$ 2,399,980,304				
5. Expected actuarial value of assets at December 31 (Item 1+ Item 2c + Item 4)		\$ 37,771,936,591				
6. Market value of assets at December 31		\$ 34,873,878,445				
7. Difference (Item 6 - Item 5)		\$ (2,898,058,146)				
8. Development of amounts to be recognized at December 31, 2022:						
	Remaining Deferrals					
Fiscal	of Excess (Shortfall)					
Year	of Investment	Offsetting of	Net Deferrals	Years	Recognized for	Remaining after
End	Income	Gains/(Losses)	Remaining	Remaining	this valuation	this valuation
	(1)	(2)	(3) = (1) + (2)	(4)	(5) = (3) / (4)	(6) = (3) - (5)
2017	\$ 0	\$ 0	\$ 0	5	\$ 0	\$ 0
2018	0	0	0	6	0	0
2019	388,893,026	(388,893,026)	0	7	0	0
2020	203,431,762	(203,431,762)	0	8	0	0
2021	1,718,722,155	(1,718,722,155)	0	9	0	0
2022	<u>(5,209,105,089)</u>	<u>2,311,046,943</u>	<u>(2,898,058,146)</u>	<u>10</u>	<u>(289,805,815)</u>	<u>(2,608,252,331)</u>
Total	\$ (2,898,058,146)	\$ 0	\$ (2,898,058,146)		\$ (289,805,815)	\$ (2,608,252,331)
9. Preliminary Actuarial Value of Assets at December 31 (Item 6 - Item 8)		\$ 37,482,130,776				
10. Corridor Limits						
a. 88% of market value		\$ 30,689,013,032				
b. 112% of market value		39,058,743,858				
c. 33% adjustment back to corridor limits (if applicable)		-				
11. Final Actuarial Value of Assets at December 31 (Item 9 + Item 10c)		<b>\$ 37,482,130,776</b>				
12. Asset gain (loss) for year (Item 11 - Item 5)		\$ (289,805,815)				
13. Return on the Actuarial Value of Assets		5.93%				
14. Ratio of actuarial value to market value		107.5%				

Notes: Remaining deferrals in Column (1) for prior years are from last year's report column (6). The number in the current year is the difference between the remaining deferrals for prior years and the total Excess/(Shortfall) return shown in Item 7. Column 2 is a direct offset of the current year's excess/(shortfall) return against prior years' excess/(shortfall) of the opposite type.

**EXHIBIT IV**

**Texas Municipal Retirement System**

CHANGES IN CONTRIBUTION RATES FROM 2023 TO 2024,  
WITHOUT IMPACT OF STATUTORY MAXIMUM OR PHASE-IN  
CITIES WITH 500 OR MORE CONTRIBUTING MEMBERS

CITY NAME	RETIREMENT PLAN CONTRIBUTION RATES ONLY				TOTAL CHANGE
	NORMAL COST		PRIOR SERVICE		
	2023	2024	2023	2024	
Abilene	7.67%	7.73%	2.41%	2.52%	0.17%
Allen	10.82%	10.86%	3.64%	4.33%	0.73%
Amarillo	7.34%	7.35%	3.66%	3.95%	0.30%
Arlington	9.55%	9.58%	0.10%	1.16%	1.09%
Baytown	10.24%	10.22%	7.32%	8.40%	1.06%
Beaumont	9.89%	9.92%	9.58%	11.12%	1.57%
Brownsville	10.85%	10.85%	6.29%	7.25%	0.96%
Brownsville PUB	10.32%	10.36%	6.92%	7.99%	1.11%
Bryan	9.04%	8.96%	-0.19%	0.50%	0.61%
Carrollton	8.41%	8.36%	2.43%	3.26%	0.78%
Cedar Park	10.47%	10.57%	6.38%	6.73%	0.45%
College Station	8.61%	8.59%	4.04%	4.46%	0.40%
Conroe	10.16%	10.15%	6.10%	6.80%	0.69%
Corpus Christi	8.57%	8.57%	7.98%	8.00%	0.02%
Denton	10.44%	10.57%	7.43%	8.09%	0.79%
Edinburg	8.79%	8.84%	5.74%	6.02%	0.33%
Flower Mound	7.95%	8.07%	3.07%	3.23%	0.28%
Frisco	11.44%	11.47%	2.68%	2.86%	0.21%
Garland	8.57%	8.61%	2.26%	2.53%	0.31%
Georgetown	9.41%	9.41%	2.80%	3.06%	0.26%
Grand Prairie	11.17%	11.18%	6.25%	1.01%	-5.23%
Grapevine	11.86%	11.80%	7.12%	8.26%	1.08%
Harlingen	6.42%	6.23%	1.96%	1.98%	-0.17%
Irving	9.70%	9.75%	-0.02%	0.27%	0.34%
Killeen	7.43%	7.41%	6.94%	6.84%	-0.12%
Laredo	10.32%	10.31%	10.50%	10.79%	0.28%
League City	9.73%	9.70%	4.75%	5.39%	0.61%
Lewisville	10.49%	10.62%	6.28%	6.95%	0.80%
Longview	7.38%	7.32%	4.71%	5.11%	0.34%
Lubbock	10.01%	9.92%	7.00%	7.99%	0.90%
McAllen	4.56%	4.58%	3.99%	4.03%	0.06%
McKinney	11.46%	11.47%	3.63%	4.01%	0.39%
Mesquite	8.38%	8.40%	10.51%	10.61%	0.12%
Midland	8.12%	8.06%	6.29%	7.22%	0.87%
Mission	6.54%	6.56%	1.33%	1.56%	0.25%
New Braunfels	11.09%	11.12%	6.08%	6.43%	0.38%
North Richland Hills	11.37%	11.48%	5.82%	6.43%	0.72%
Odessa	8.27%	8.24%	5.39%	6.40%	0.98%
Pasadena	9.49%	9.53%	3.32%	4.00%	0.72%
Pearland	9.91%	9.83%	3.14%	3.61%	0.39%
Pharr	7.47%	7.48%	4.63%	4.23%	-0.39%
Plano	11.55%	11.55%	5.05%	6.09%	1.04%
Port Arthur	7.26%	7.28%	6.60%	7.39%	0.81%
Richardson	8.49%	8.53%	6.59%	7.52%	0.97%
Round Rock	10.94%	10.99%	5.26%	5.99%	0.78%
San Angelo	8.21%	8.18%	8.70%	9.47%	0.74%
San Antonio	7.02%	7.03%	6.06%	5.76%	-0.29%
San Antonio Water System	2.10%	2.11%	1.51%	1.78%	0.28%
San Marcos	10.96%	10.74%	7.39%	8.26%	0.65%
Sugar Land	10.73%	10.74%	3.63%	3.85%	0.23%
Temple	10.66%	10.77%	6.14%	6.65%	0.62%
Tyler	9.45%	9.53%	11.20%	12.05%	0.93%
Victoria	7.72%	7.70%	8.39%	9.57%	1.16%
Waco	7.73%	7.73%	5.94%	6.19%	0.25%
Wichita Falls	6.89%	6.83%	9.29%	9.67%	0.32%
Average - 55 Cities	9.08%	9.09%	5.31%	5.74%	0.44%



## EXHIBIT V

### TEXAS MUNICIPAL RETIREMENT SYSTEM

CITIES WITH THE 2024 RETIREMENT RATE (INCLUDING PHASE-IN, IF APPLICABLE)  
AT THE STATUTORY MAXIMUM, BASED ON THE DECEMBER 31, 2022 VALUATION

CITY NAME	<u>2023 RETIREMENT PLAN ONLY</u>		<u>2024 RETIREMENT PLAN ONLY</u>		RATE LIMITED TO STATUTORY MAXIMUM
	FULL RATE	PHASE IN MINIMUM	FULL RATE	PHASE IN MINIMUM	
Forest Hill	13.11%	13.11%	13.98%	13.98%	13.50%
Hondo	12.55%	12.55%	14.09%	14.09%	13.50%
Lake Dallas	13.17%	13.17%	13.79%	13.79%	13.50%

## EXHIBIT VI

### TEXAS MUNICIPAL RETIREMENT SYSTEM

#### CITIES BEGINNING PARTICIPATION IN 2022

CITY NUMBER	CITY NAME	PARTICIPATION DATE	CONTRIBUTING MEMBERS	ANNUAL COMPENSATION	NORMAL COST	PRIOR SERVICE	TOTAL
00067	Aurora	12-22	1	\$ 46,531	7.95%	5.61%	13.56%
00072	Avery	01-22	2	\$ 91,886	1.12%	0.38%	1.50%
00120	Benjamin	10-22	3	\$ 131,561	4.68%	6.57%	11.25%
00119	Beverly Hills	11-22	15	\$ 859,337	2.09%	-0.01%	2.08%
01502	Dallas Police and Fi	01-22	22	\$ 2,568,651	9.13%	-0.04%	9.09%
00621	Horseshoe Bay	12-22	105	\$ 3,527,091	8.03%	-0.01%	8.02%
00761	Log Cabin	10-22	9	\$ 394,949	2.32%	3.40%	5.72%
00772	Los Indios	10-22	7	\$ 247,312	4.25%	-0.04%	4.21%
00899	Mustang Ridge	01-22	9	\$ 502,715	2.41%	-0.15%	2.26%
00967	Palm Valley	12-22	11	\$ 555,835	4.17%	-0.01%	4.16%
01078	Rio Hondo	11-22	15	\$ 581,837	5.45%	3.83%	9.28%
01135	Saint Hedwig	11-22	8	\$ 369,760	2.59%	0.67%	3.26%
01145	Sandy Oaks	01-22	9	\$ 390,527	1.86%	0.68%	2.54%
01193	Snook	07-22	2	\$ 113,540	1.90%	-0.06%	1.84%
01220	Strawn	10-22	5	\$ 304,724	6.87%	0.06%	6.93%
01285	Todd Mission	01-22	5	\$ 362,008	6.31%	1.31%	7.62%
01287	Tool	03-22	18	\$ 639,878	3.60%	-0.02%	3.58%
01325	Von Ormy	12-22	9	\$ 516,823	5.85%	3.07%	8.92%

## SECTION 2

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### **2024 CONTRIBUTION RATES, INCLUDING A COMPARISON WITH 2023 RATES**



**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
4	Abernathy	17	18	2.70%	1.01%	3.71%	0.53%	4.24%	2.63%	0.94%	3.57%	0.51%	4.08%	-0.16%	4.08%	7.50%
6	Abilene	1,024	1,049	7.67%	2.41%	10.08%	0.49%	10.57%	7.73%	2.52%	10.25%	0.47%	10.72%	0.15%	10.72%	NO MAX
7	Addison	294	289	9.94%	6.15%	16.09%	0.30%	16.39%	10.00%	6.95%	16.95%	0.31%	17.26%	0.87%	17.26%	NO MAX
8	Agua Dulce	3	3	2.16%	6.99%	9.15%	0.34%	9.49%	2.15%	7.43%	9.58%	0.37%	9.95%	0.46%	9.95%	NO MAX
10	Alamo	152	149	5.03%	0.89%	5.92%	0.33%	6.25%	4.94%	1.06%	6.00%	0.30%	6.30%	0.05%	6.30%	9.50%
12	Alamo Heights	98	96	9.68%	6.53%	16.21%	0.38%	16.59%	9.78%	7.06%	16.84%	0.41%	17.25%	0.66%	17.25%	NO MAX
14	Alba	5	6	4.74%	8.78%	13.52%	0.30%	13.82%	4.61%	8.46%	13.07%	0.30%	13.37%	-0.45%	13.37%	NO MAX
16	Albany	12	12	3.73%	0.72%	4.45%	0.68%	5.13%	3.68%	0.99%	4.67%	0.68%	5.35%	0.22%	5.35%	9.50%
17	Aledo	15	18	10.41%	3.28%	13.69%	0.41%	14.10%	10.31%	0.66%	10.97%	0.39%	11.36%	-2.74%	11.36%	NO MAX
18	Alice	209	220	5.19%	-1.09%	4.10%	0.00%	4.10%	5.28%	-0.76%	4.52%	0.00%	4.52%	0.42%	4.52%	11.50%
19	Allen	761	761	10.82%	3.64%	14.46%	0.25%	14.71%	10.86%	4.33%	15.19%	0.25%	15.44%	0.73%	15.44%	NO MAX
20	Alpine	82	76	3.36%	-1.71%	1.65%	0.31%	1.96%	3.61%	-1.84%	1.77%	0.37%	2.14%	0.18%	2.14%	11.50%
22	Alto	10	13	10.48%	-0.69%	9.79%	0.57%	10.36%	11.54%	-0.50%	11.04%	0.53%	11.57%	1.21%	11.57%	13.50%
23	Alton	94	106	10.40%	0.94%	11.34%	0.24%	11.58%	10.64%	1.05%	11.69%	0.24%	11.93%	0.35%	11.93%	13.50%
24	Alvarado	62	71	5.36%	0.82%	6.18%	0.26%	6.44%	5.62%	0.88%	6.50%	0.19%	6.69%	0.25%	6.69%	NO MAX
26	Alvin	232	231	9.76%	7.19%	16.95%	0.32%	17.27%	9.80%	7.62%	17.42%	0.31%	17.73%	0.46%	17.73%	NO MAX
28	Alvord	7	6	5.28%	0.30%	5.58%	0.32%	5.90%	5.00%	0.01%	5.01%	0.31%	5.32%	-0.58%	5.32%	NO MAX
30	Amarillo	1,721	1,741	7.34%	3.66%	11.00%	0.00%	11.00%	7.35%	3.95%	11.30%	0.00%	11.30%	0.30%	11.30%	NO MAX
32	Amherst	5	6	4.02%	-4.02%	0.00%	0.00%	0.00%	3.97%	-3.97%	0.00%	0.00%	0.00%	0.00%	0.00%	NO MAX
34	Anahuac	11	10	8.01%	-0.70%	7.31%	0.30%	7.61%	8.27%	-0.81%	7.46%	0.36%	7.82%	0.21%	7.82%	NO MAX
36	Andrews	84	83	9.47%	6.51%	15.98%	0.00%	15.98%	9.48%	6.60%	16.08%	0.00%	16.08%	0.10%	16.08%	NO MAX
38	Angleton	134	151	8.30%	2.76%	11.06%	0.33%	11.39%	8.53%	3.30%	11.83%	0.33%	12.16%	0.77%	12.16%	NO MAX
40	Anna	129	154	12.75%	1.32%	14.07%	0.16%	14.23%	12.74%	1.51%	14.25%	0.16%	14.41%	0.18%	14.41%	NO MAX
41	Annetta	2	5	8.75%	1.29%	10.04%	0.21%	10.25%	7.79%	0.25%	8.04%	0.17%	8.21%	-2.04%	8.21%	NO MAX
44	Anson	25	25	2.38%	-0.92%	1.46%	0.34%	1.80%	2.51%	-0.96%	1.55%	0.38%	1.93%	0.13%	1.93%	9.50%
45	Anthony	31	36	4.80%	5.77%	10.57%	0.28%	10.85%	4.50%	5.79%	10.29%	0.21%	10.50%	-0.35%	10.50%	NO MAX
48	Aransas Pass	120	124	7.32%	2.08%	9.40%	0.35%	9.75%	7.53%	2.53%	10.06%	0.37%	10.43%	0.68%	10.43%	NO MAX
50	Archer City	16	10	4.75%	0.30%	5.05%	0.65%	5.70%	4.98%	-0.04%	4.94%	0.92%	5.86%	0.16%	5.86%	11.50%
49	Arcola	17	22	2.23%	1.15%	3.38%	0.32%	3.70%	2.28%	0.68%	2.96%	0.27%	3.23%	-0.47%	3.23%	NO MAX
51	Argyle	32	33	10.42%	-0.05%	10.37%	0.00%	10.37%	10.32%	0.10%	10.42%	0.00%	10.42%	0.05%	10.42%	NO MAX
52	Arlington	2,546	2,632	9.55%	0.10%	9.65%	0.30%	9.95%	9.58%	1.16%	10.74%	0.30%	11.04%	1.09%	11.04%	NO MAX
54	Arp	11	12	8.77%	1.25%	10.02%	0.25%	10.27%	8.59%	1.58%	10.17%	0.25%	10.42%	0.15%	10.42%	13.50%
60	Aspermont	7	7	1.23%	-1.23%	0.00%	0.44%	0.44%	1.19%	-1.19%	0.00%	0.48%	0.48%	0.04%	0.48%	7.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
62	Athens	122	129	9.20%	6.97%	16.17%	0.30%	16.47%	9.32%	7.58%	16.90%	0.32%	17.22%	0.75%	17.22%	NO MAX
64	Atlanta	40	37	5.21%	0.65%	5.86%	0.42%	6.28%	5.08%	1.10%	6.18%	0.44%	6.62%	0.34%	6.62%	9.50%
66	Aubrey	81	88	5.78%	0.05%	5.83%	0.19%	6.02%	5.72%	-0.09%	5.63%	0.17%	5.80%	-0.22%	5.80%	13.50%
67	Aurora	N/A	1	7.77%	5.93%	13.70%	0.08%	13.78%	7.95%	5.61%	13.56%	0.17%	13.73%	-0.05%	13.73%	NO MAX
72	Avery	N/A	2	1.33%	0.39%	1.72%	0.03%	1.75%	1.12%	0.38%	1.50%	0.05%	1.55%	-0.20%	1.55%	NO MAX
74	Avinger	2	1	3.48%	-1.10%	2.38%	0.50%	2.88%	3.44%	-1.66%	1.78%	0.73%	2.51%	-0.37%	2.51%	9.50%
75	Azle	130	138	9.99%	6.88%	16.87%	0.27%	17.14%	10.05%	7.44%	17.49%	0.27%	17.76%	0.62%	17.76%	NO MAX
77	Baird	11	9	1.64%	-0.64%	1.00%	0.30%	1.30%	1.95%	-1.05%	0.90%	0.62%	1.52%	0.22%	1.52%	NO MAX
78	Balch Springs	168	164	9.20%	4.91%	14.11%	0.26%	14.37%	9.41%	5.70%	15.11%	0.27%	15.38%	1.01%	15.38%	NO MAX
79	Balcones Heights	51	51	9.76%	0.97%	10.73%	0.42%	11.15%	9.93%	0.98%	10.91%	0.43%	11.34%	0.19%	11.34%	NO MAX
80	Ballinger	33	38	9.56%	8.17%	17.73%	0.55%	18.28%	9.72%	7.90%	17.62%	0.50%	18.12%	-0.16%	18.12%	NO MAX
82	Balmorea	1	1	1.73%	-1.73%	0.00%	0.16%	0.16%	1.73%	-1.73%	0.00%	0.17%	0.17%	0.01%	0.17%	NO MAX
83	Bandera	19	19	10.43%	-0.49%	9.94%	0.52%	10.46%	9.83%	-0.19%	9.64%	0.54%	10.18%	-0.28%	10.18%	NO MAX
84	Bangs	11	16	10.44%	-1.46%	8.98%	0.52%	9.50%	11.39%	-1.18%	10.21%	0.44%	10.65%	1.15%	10.65%	NO MAX
90	Bartlett	18	16	8.08%	-0.77%	7.31%	0.38%	7.69%	8.12%	-0.46%	7.66%	0.42%	8.08%	0.39%	8.08%	11.50%
91	Bartonville	5	10	7.16%	8.58%	15.74%	0.28%	16.02%	7.06%	6.61%	13.67%	0.22%	13.89%	-2.13%	13.89%	NO MAX
92	Bastrop	136	149	8.43%	3.14%	11.57%	0.30%	11.87%	8.42%	1.53%	9.95%	0.27%	10.22%	-1.65%	10.22%	12.50%
94	Bay City	155	157	5.99%	3.44%	9.43%	0.42%	9.85%	5.97%	3.97%	9.94%	0.42%	10.36%	0.51%	10.36%	11.50%
93	Bayou Vista	8	9	3.18%	-0.57%	2.61%	0.32%	2.93%	3.50%	-0.50%	3.00%	0.34%	3.34%	0.41%	3.34%	NO MAX
96	Baytown	872	896	10.24%	7.32%	17.56%	0.26%	17.82%	10.22%	8.40%	18.62%	0.25%	18.87%	1.05%	18.87%	NO MAX
98	Beaumont	1,015	1,023	9.89%	9.58%	19.47%	0.00%	19.47%	9.92%	11.12%	21.04%	0.00%	21.04%	1.57%	21.04%	NO MAX
100	Bedford	315	323	7.38%	9.42%	16.80%	0.17%	16.97%	7.54%	9.46%	17.00%	0.16%	17.16%	0.19%	17.16%	NO MAX
101	Bee Cave	51	54	8.07%	1.51%	9.58%	0.23%	9.81%	8.16%	1.55%	9.71%	0.23%	9.94%	0.13%	9.94%	13.50%
102	Beeville	96	101	3.40%	-2.24%	1.16%	0.00%	1.16%	3.49%	-2.25%	1.24%	0.00%	1.24%	0.08%	1.24%	11.50%
106	Bellaire	149	152	11.30%	8.96%	20.26%	0.39%	20.65%	11.12%	11.00%	22.12%	0.39%	22.51%	1.86%	22.51%	NO MAX
109	Bellmead	77	77	11.31%	-0.33%	10.98%	0.31%	11.29%	11.95%	0.13%	12.08%	0.34%	12.42%	1.13%	12.42%	13.50%
110	Bells	9	11	4.53%	-0.83%	3.70%	0.30%	4.00%	4.91%	-0.77%	4.14%	0.32%	4.46%	0.46%	4.46%	NO MAX
112	Bellville	49	50	6.42%	10.54%	16.96%	0.54%	17.50%	6.50%	11.02%	17.52%	0.52%	18.04%	0.54%	18.04%	NO MAX
114	Belton	172	177	7.58%	2.58%	10.16%	0.35%	10.51%	7.71%	2.99%	10.70%	0.34%	11.04%	0.53%	11.04%	13.50%
118	Benbrook	123	121	11.73%	4.32%	16.05%	0.28%	16.33%	11.80%	5.27%	17.07%	0.29%	17.36%	1.03%	17.36%	NO MAX
120	Benjamin	N/A	3	4.64%	7.01%	11.65%	0.54%	12.19%	4.68%	6.57%	11.25%	1.30%	12.55%	0.36%	12.55%	NO MAX
121	Berryville	4	3	3.13%	-0.16%	2.97%	1.33%	4.30%	2.69%	-0.27%	2.42%	0.68%	3.10%	-1.20%	3.10%	9.50%
123	Bertram	18	20	4.66%	-0.17%	4.49%	0.00%	4.49%	4.60%	-0.16%	4.44%	0.00%	4.44%	-0.05%	4.44%	11.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
119	Beverly Hills	N/A	15	2.28%	0.00%	2.28%	0.08%	2.36%	2.09%	-0.01%	2.08%	0.15%	2.23%	-0.13%	2.23%	NO MAX
124	Big Lake	27	28	7.93%	10.72%	18.65%	0.38%	19.03%	7.93%	11.91%	19.84%	0.35%	20.19%	1.16%	20.19%	NO MAX
126	Big Sandy	10	9	4.66%	1.67%	6.33%	0.58%	6.91%	4.71%	1.76%	6.47%	0.66%	7.13%	0.22%	7.13%	11.50%
128	Big Spring	172	177	8.71%	9.16%	17.87%	0.49%	18.36%	8.74%	9.74%	18.48%	0.50%	18.98%	0.62%	18.98%	NO MAX
132	Bishop	23	23	3.06%	-0.13%	2.93%	0.55%	3.48%	3.24%	0.45%	3.69%	0.56%	4.25%	0.77%	4.25%	11.50%
134	Blanco	22	17	6.60%	-0.05%	6.55%	0.28%	6.83%	6.63%	-0.57%	6.06%	0.28%	6.34%	-0.49%	6.34%	13.50%
140	Blooming Grove	4	5	6.93%	4.43%	11.36%	0.42%	11.78%	6.79%	5.85%	12.64%	0.40%	13.04%	1.26%	13.04%	NO MAX
142	Blossom	4	5	5.62%	-0.73%	4.89%	1.39%	6.28%	5.60%	-0.77%	4.83%	0.89%	5.72%	-0.56%	5.72%	11.50%
143	Blue Mound	22	15	6.30%	-0.15%	6.15%	0.21%	6.36%	5.97%	-0.36%	5.61%	0.25%	5.86%	-0.50%	5.86%	NO MAX
144	Blue Ridge	6	6	2.95%	-0.73%	2.22%	0.28%	2.50%	2.51%	-0.74%	1.77%	0.28%	2.05%	-0.45%	2.05%	NO MAX
148	Boerne	264	282	11.69%	6.94%	18.63%	0.28%	18.91%	11.63%	7.60%	19.23%	0.28%	19.51%	0.60%	19.51%	NO MAX
150	Bogata	9	5	1.64%	-1.48%	0.16%	0.40%	0.56%	1.54%	-1.54%	0.00%	0.57%	0.57%	0.01%	0.57%	7.50%
152	Bonham	117	114	6.52%	2.97%	9.49%	0.00%	9.49%	6.56%	2.64%	9.20%	0.00%	9.20%	-0.29%	9.20%	12.50%
154	Booker	10	9	5.49%	0.59%	6.08%	0.41%	6.49%	5.38%	1.10%	6.48%	0.47%	6.95%	0.46%	6.95%	9.50%
156	Borger	152	160	9.60%	3.87%	13.47%	0.55%	14.02%	9.51%	5.71%	15.22%	0.49%	15.71%	1.69%	15.71%	NO MAX
158	Bovina	11	10	1.11%	-0.81%	0.30%	0.52%	0.82%	1.27%	-0.75%	0.52%	0.61%	1.13%	0.31%	1.13%	7.50%
160	Bowie	85	86	7.31%	1.84%	9.15%	0.56%	9.71%	7.30%	2.23%	9.53%	0.60%	10.13%	0.42%	10.13%	11.50%
162	Boyd	18	18	4.05%	-0.16%	3.89%	0.00%	3.89%	3.37%	-0.21%	3.16%	0.00%	3.16%	-0.73%	3.16%	11.50%
166	Brady	97	95	8.24%	1.09%	9.33%	0.44%	9.77%	8.22%	1.33%	9.55%	0.47%	10.02%	0.25%	10.02%	12.50%
170	Brazoria	25	27	6.15%	-0.13%	6.02%	0.48%	6.50%	6.32%	-1.18%	5.14%	0.46%	5.60%	-0.90%	5.60%	11.50%
172	Breckenridge	60	56	4.79%	1.25%	6.04%	0.46%	6.50%	4.84%	1.56%	6.40%	0.43%	6.83%	0.33%	6.83%	NO MAX
174	Bremond	5	6	6.60%	9.94%	16.54%	1.12%	17.66%	6.68%	6.18%	12.86%	1.09%	13.95%	-3.71%	13.95%	NO MAX
176	Brenham	198	195	6.48%	10.63%	17.11%	0.00%	17.11%	6.59%	11.14%	17.73%	0.00%	17.73%	0.62%	17.73%	NO MAX
177	Bridge City	55	57	9.52%	7.77%	17.29%	0.58%	17.87%	10.24%	9.68%	19.92%	0.46%	20.38%	2.51%	20.38%	NO MAX
178	Bridgeport	71	82	9.22%	3.79%	13.01%	0.32%	13.33%	9.93%	4.34%	14.27%	0.29%	14.56%	1.23%	14.56%	NO MAX
180	Bronte	4	5	2.34%	6.39%	8.73%	0.42%	9.15%	2.30%	6.37%	8.67%	0.41%	9.08%	-0.07%	9.08%	NO MAX
182	Brookshire	47	38	7.03%	2.36%	9.39%	0.28%	9.67%	7.22%	1.76%	8.98%	0.33%	9.31%	-0.36%	9.31%	12.50%
184	Brownfield	83	85	5.48%	-3.26%	2.22%	0.00%	2.22%	5.40%	-3.69%	1.71%	0.00%	1.71%	-0.51%	1.71%	NO MAX
186	Brownsboro	8	7	1.88%	9.88%	11.76%	0.78%	12.54%	2.13%	9.15%	11.28%	0.99%	12.27%	-0.27%	12.27%	NO MAX
10188	Brownsville	1,097	1,078	10.85%	6.29%	17.14%	0.33%	17.47%	10.85%	7.25%	18.10%	0.34%	18.44%	0.97%	18.44%	NO MAX
20188	Brownsville PUB	556	573	10.32%	6.92%	17.24%	0.42%	17.66%	10.36%	7.99%	18.35%	0.38%	18.73%	1.07%	18.73%	NO MAX
10190	Brownwood	220	224	8.80%	4.64%	13.44%	0.00%	13.44%	8.79%	5.67%	14.46%	0.00%	14.46%	1.02%	14.46%	NO MAX
30190	Brownwood Health Dept.	24	21	8.51%	2.08%	10.59%	0.00%	10.59%	8.27%	1.34%	9.61%	0.00%	9.61%	-0.98%	9.61%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
20190	Brownwood Public Library	6	6	5.41%	-5.41%	0.00%	0.00%	0.00%	5.42%	-5.42%	0.00%	0.00%	0.00%	0.00%	0.00%	11.50%
195	Bruceville-Eddy	12	17	5.20%	-0.86%	4.34%	0.55%	4.89%	5.60%	-0.84%	4.76%	0.39%	5.15%	0.26%	5.15%	11.50%
192	Bryan	897	902	9.04%	-0.19%	8.85%	0.00%	8.85%	8.96%	0.50%	9.46%	0.00%	9.46%	0.61%	9.46%	NO MAX
193	Bryson	3	3	7.08%	-7.08%	0.00%	0.00%	0.00%	7.04%	-7.04%	0.00%	0.00%	0.00%	0.00%	0.00%	13.50%
194	Buda	125	126	11.90%	2.27%	14.17%	0.26%	14.43%	10.78%	2.02%	12.80%	0.23%	13.03%	-1.40%	13.03%	NO MAX
196	Buffalo	16	19	4.73%	-0.77%	3.96%	0.72%	4.68%	4.48%	-0.60%	3.88%	0.59%	4.47%	-0.21%	4.47%	11.50%
198	Bullard	30	31	8.38%	4.26%	12.64%	0.31%	12.95%	8.29%	4.49%	12.78%	0.32%	13.10%	0.15%	13.10%	NO MAX
203	Bulverde	30	30	8.18%	0.82%	9.00%	0.20%	9.20%	8.35%	0.72%	9.07%	0.24%	9.31%	0.11%	9.31%	NO MAX
199	Bunker Hill Village	8	8	9.36%	0.74%	10.10%	0.32%	10.42%	9.47%	1.50%	10.97%	0.35%	11.32%	0.90%	11.32%	NO MAX
200	Burkburnett	69	72	7.47%	2.91%	10.38%	0.59%	10.97%	7.85%	2.89%	10.74%	0.47%	11.21%	0.24%	11.21%	NO MAX
202	Burleson	369	393	11.14%	5.83%	16.97%	0.23%	17.20%	11.29%	6.15%	17.44%	0.23%	17.67%	0.47%	17.67%	NO MAX
204	Burnet	112	134	9.74%	2.91%	12.65%	0.30%	12.95%	9.52%	3.00%	12.52%	0.27%	12.79%	-0.16%	12.79%	13.50%
205	Byers	3	3	2.36%	4.60%	6.96%	0.40%	7.36%	1.90%	4.67%	6.57%	0.49%	7.06%	-0.30%	7.06%	NO MAX
207	Cactus	48	50	7.36%	2.23%	9.59%	0.30%	9.89%	7.29%	2.24%	9.53%	0.28%	9.81%	-0.08%	9.81%	13.50%
208	Caddo Mills	22	24	5.28%	0.35%	5.63%	0.23%	5.86%	5.47%	0.25%	5.72%	0.24%	5.96%	0.10%	5.96%	NO MAX
210	Caldwell	63	64	6.63%	0.95%	7.58%	0.68%	8.26%	6.60%	1.05%	7.65%	0.60%	8.25%	-0.01%	8.25%	11.50%
211	Callisburg	1	1	6.81%	0.46%	7.27%	0.13%	7.40%	6.81%	0.44%	7.25%	0.14%	7.39%	-0.01%	7.39%	NO MAX
212	Calvert	13	13	11.62%	4.31%	15.93%	0.53%	16.46%	10.79%	3.03%	13.82%	0.58%	14.40%	-2.06%	14.40%	NO MAX
214	Cameron	45	47	6.81%	4.36%	11.17%	0.37%	11.54%	7.52%	4.53%	12.05%	0.40%	12.45%	0.91%	12.45%	NO MAX
216	Campbell	2	2	1.48%	40.39%	41.87%	0.40%	42.27%	1.26%	21.85%	23.11%	0.25%	23.36%	-18.91%	23.36%	NO MAX
220	Canadian	20	20	9.61%	8.75%	18.36%	0.42%	18.78%	9.62%	9.88%	19.50%	0.42%	19.92%	1.14%	19.92%	NO MAX
221	Caney City	3	4	1.87%	-0.35%	1.52%	0.17%	1.69%	2.57%	-0.40%	2.17%	0.24%	2.41%	0.72%	2.41%	NO MAX
222	Canton	73	84	8.23%	2.31%	10.54%	0.47%	11.01%	8.62%	2.67%	11.29%	0.44%	11.73%	0.72%	11.73%	NO MAX
224	Canyon	116	118	10.13%	3.43%	13.56%	0.31%	13.87%	10.04%	3.76%	13.80%	0.30%	14.10%	0.23%	14.10%	NO MAX
227	Carmine	2	2	2.81%	-2.81%	0.00%	0.12%	0.12%	2.81%	-2.81%	0.00%	0.12%	0.12%	0.00%	0.12%	7.50%
228	Carrizo Springs	48	53	4.68%	-0.39%	4.29%	0.60%	4.89%	4.56%	-0.18%	4.38%	0.57%	4.95%	0.06%	4.95%	9.50%
230	Carrollton	842	843	8.41%	2.43%	10.84%	0.00%	10.84%	8.36%	3.26%	11.62%	0.00%	11.62%	0.78%	11.62%	NO MAX
232	Carthage	73	74	9.30%	10.35%	19.65%	0.54%	20.19%	9.38%	12.10%	21.48%	0.57%	22.05%	1.86%	22.05%	NO MAX
231	Castle Hills	58	54	8.37%	3.83%	12.20%	0.42%	12.62%	8.40%	4.45%	12.85%	0.45%	13.30%	0.68%	13.30%	NO MAX
234	Castroville	47	53	7.10%	1.57%	8.67%	0.58%	9.25%	6.85%	1.62%	8.47%	0.51%	8.98%	-0.27%	8.98%	11.50%
238	Cedar Hill	335	340	9.98%	4.82%	14.80%	0.26%	15.06%	9.93%	5.69%	15.62%	0.26%	15.88%	0.82%	15.88%	NO MAX
239	Cedar Park	484	508	10.47%	6.38%	16.85%	0.22%	17.07%	10.57%	6.73%	17.30%	0.22%	17.52%	0.45%	17.52%	NO MAX
240	Celeste	4	3	2.52%	1.05%	3.57%	0.81%	4.38%	2.54%	-0.08%	2.46%	0.84%	3.30%	-1.08%	3.30%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
242	Celina	196	227	9.96%	1.51%	11.47%	0.20%	11.67%	10.07%	1.86%	11.93%	0.17%	12.10%	0.43%	12.10%	13.50%
244	Center	73	74	9.74%	0.97%	10.71%	0.37%	11.08%	9.82%	1.32%	11.14%	0.39%	11.53%	0.45%	11.53%	NO MAX
246	Centerville	5	6	6.58%	8.74%	15.32%	0.00%	15.32%	6.65%	6.26%	12.91%	0.00%	12.91%	-2.41%	12.91%	NO MAX
247	Chandler	30	30	6.91%	2.51%	9.42%	0.41%	9.83%	7.11%	2.01%	9.12%	0.44%	9.56%	-0.27%	9.56%	NO MAX
248	Charlotte	10	14	4.86%	-2.03%	2.83%	0.33%	3.16%	4.70%	-1.29%	3.41%	0.25%	3.66%	0.50%	3.66%	9.50%
249	Chester	2	1	6.02%	-6.02%	0.00%	1.39%	1.39%	7.05%	-7.05%	0.00%	2.28%	2.28%	0.89%	2.28%	NO MAX
245	Chico	5	6	2.10%	2.19%	4.29%	1.30%	5.59%	2.18%	2.87%	5.05%	1.30%	6.35%	0.76%	6.35%	NO MAX
250	Childress	54	56	9.29%	7.68%	16.97%	0.65%	17.62%	9.36%	7.40%	16.76%	0.67%	17.43%	-0.19%	17.43%	NO MAX
251	Chillicothe	6	6	2.20%	1.47%	3.67%	0.36%	4.03%	2.30%	-0.51%	1.79%	0.36%	2.15%	-1.88%	2.15%	NO MAX
253	Chireno	8	8	9.71%	11.83%	21.54%	0.65%	22.19%	10.37%	11.52%	21.89%	0.67%	22.56%	0.37%	22.56%	NO MAX
254	Christine	1	1	1.58%	-1.58%	0.00%	0.00%	0.00%	0.73%	-0.73%	0.00%	0.00%	0.00%	0.00%	0.00%	NO MAX
255	Cibolo	154	166	10.16%	1.40%	11.56%	0.23%	11.79%	10.92%	1.83%	12.75%	0.21%	12.96%	1.17%	12.96%	13.50%
256	Cisco	38	36	6.35%	0.84%	7.19%	0.19%	7.38%	6.54%	0.95%	7.49%	0.26%	7.75%	0.37%	7.75%	11.50%
258	Clarendon	12	13	2.72%	-1.53%	1.19%	0.96%	2.15%	2.39%	-1.49%	0.90%	1.00%	1.90%	-0.25%	1.90%	9.50%
259	Clarksville	19	16	6.47%	-4.47%	2.00%	0.45%	2.45%	7.01%	-4.79%	2.22%	0.56%	2.78%	0.33%	2.78%	11.50%
260	Clarksville City	5	4	5.59%	-1.81%	3.78%	0.57%	4.35%	5.74%	-1.93%	3.81%	0.40%	4.21%	-0.14%	4.21%	NO MAX
263	Clear Lake Shores	17	14	9.23%	1.59%	10.82%	0.29%	11.11%	8.61%	0.69%	9.30%	0.28%	9.58%	-1.53%	9.58%	12.50%
264	Cleburne	279	286	7.87%	7.93%	15.80%	0.45%	16.25%	7.96%	9.03%	16.99%	0.44%	17.43%	1.18%	17.43%	NO MAX
266	Cleveland	94	104	6.66%	3.93%	10.59%	0.40%	10.99%	6.54%	3.50%	10.04%	0.36%	10.40%	-0.59%	10.40%	11.50%
268	Clifton	23	23	5.30%	1.08%	6.38%	0.62%	7.00%	5.47%	1.40%	6.87%	0.62%	7.49%	0.49%	7.49%	11.50%
271	Clute	98	101	10.16%	-0.14%	10.02%	0.32%	10.34%	10.25%	0.17%	10.42%	0.34%	10.76%	0.42%	10.76%	13.50%
272	Clyde	37	38	10.10%	3.53%	13.63%	0.38%	14.01%	10.17%	3.37%	13.54%	0.41%	13.95%	-0.06%	13.95%	NO MAX
274	Coahoma	5	5	6.60%	-0.34%	6.26%	0.62%	6.88%	6.60%	-0.31%	6.29%	0.68%	6.97%	0.09%	6.97%	11.50%
276	Cockrell Hill	27	34	9.91%	-0.68%	9.23%	0.38%	9.61%	9.38%	-0.49%	8.89%	0.34%	9.23%	-0.38%	9.23%	13.50%
278	Coleman	51	54	9.57%	8.23%	17.80%	0.00%	17.80%	9.44%	9.45%	18.89%	0.00%	18.89%	1.09%	18.89%	NO MAX
280	College Station	915	939	8.61%	4.04%	12.65%	0.00%	12.65%	8.59%	4.46%	13.05%	0.00%	13.05%	0.40%	13.05%	NO MAX
281	Colleyville	184	189	8.88%	1.10%	9.98%	0.29%	10.27%	8.98%	1.24%	10.22%	0.30%	10.52%	0.25%	10.52%	13.50%
282	Collinsville	8	12	6.16%	0.40%	6.56%	0.48%	7.04%	5.04%	0.00%	5.04%	0.34%	5.38%	-1.66%	5.38%	12.50%
283	Colmesneil	4	3	3.79%	4.39%	8.18%	0.17%	8.35%	3.71%	4.95%	8.66%	0.19%	8.85%	0.50%	8.85%	NO MAX
284	Colorado City	41	35	7.78%	-0.89%	6.89%	0.87%	7.76%	7.83%	-0.76%	7.07%	0.98%	8.05%	0.29%	8.05%	12.50%
286	Columbus	36	37	7.85%	1.80%	9.65%	0.50%	10.15%	7.97%	2.43%	10.40%	0.52%	10.92%	0.77%	10.92%	NO MAX
288	Comanche	30	35	6.99%	3.66%	10.65%	0.54%	11.19%	6.74%	4.17%	10.91%	0.50%	11.41%	0.22%	11.41%	11.50%
289	Combes	18	22	1.40%	4.79%	6.19%	0.00%	6.19%	1.41%	4.01%	5.42%	0.00%	5.42%	-0.77%	5.42%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
290	Commerce	77	82	6.74%	1.50%	8.24%	0.49%	8.73%	6.62%	2.28%	8.90%	0.46%	9.36%	0.63%	9.36%	11.50%
294	Conroe	484	517	10.16%	6.10%	16.26%	0.00%	16.26%	10.15%	6.80%	16.95%	0.00%	16.95%	0.69%	16.95%	NO MAX
295	Converse	183	186	10.44%	3.83%	14.27%	0.23%	14.50%	9.90%	3.94%	13.84%	0.25%	14.09%	-0.41%	14.09%	NO MAX
298	Cooper	13	13	3.17%	2.59%	5.76%	0.58%	6.34%	3.26%	2.84%	6.10%	0.52%	6.62%	0.28%	6.62%	8.50%
299	Coppell	368	368	11.37%	5.18%	16.55%	0.27%	16.82%	11.49%	6.30%	17.79%	0.28%	18.07%	1.25%	18.07%	NO MAX
297	Copper Canyon	5	4	8.74%	0.98%	9.72%	0.49%	10.21%	9.19%	-0.06%	9.13%	0.58%	9.71%	-0.50%	9.71%	NO MAX
300	Copperas Cove	270	272	8.40%	4.26%	12.66%	0.41%	13.07%	8.31%	5.43%	13.74%	0.43%	14.17%	1.10%	14.17%	NO MAX
301	Corinth	158	169	11.49%	3.54%	15.03%	0.29%	15.32%	11.01%	4.00%	15.01%	0.27%	15.28%	-0.04%	15.28%	NO MAX
302	Corpus Christi	2,571	2,763	8.57%	7.98%	16.55%	0.00%	16.55%	8.57%	8.00%	16.57%	0.00%	16.57%	0.02%	16.57%	NO MAX
304	Corrigan	27	23	3.67%	-0.14%	3.53%	0.44%	3.97%	3.61%	-0.26%	3.35%	0.42%	3.77%	-0.20%	3.77%	11.50%
306	Corsicana	150	137	7.61%	6.55%	14.16%	0.47%	14.63%	7.75%	7.80%	15.55%	0.48%	16.03%	1.40%	16.03%	NO MAX
307	Cottonwood Shores	18	19	3.53%	2.21%	5.74%	0.65%	6.39%	3.56%	1.94%	5.50%	0.69%	6.19%	-0.20%	6.19%	NO MAX
308	Cotulla	45	41	4.52%	1.37%	5.89%	0.41%	6.30%	4.54%	1.26%	5.80%	0.45%	6.25%	-0.05%	6.25%	11.50%
311	Covington	0	3	3.27%	-0.15%	3.12%	0.15%	3.27%	3.59%	-0.08%	3.51%	0.27%	3.78%	0.51%	3.78%	NO MAX
310	Crandall	35	39	9.95%	0.20%	10.15%	0.27%	10.42%	9.82%	0.48%	10.30%	0.25%	10.55%	0.13%	10.55%	13.50%
312	Crane	25	26	9.18%	-1.27%	7.91%	0.36%	8.27%	9.18%	-0.71%	8.47%	0.37%	8.84%	0.57%	8.84%	15.50%
314	Crawford	5	5	1.48%	-0.40%	1.08%	0.00%	1.08%	1.34%	-0.38%	0.96%	0.00%	0.96%	-0.12%	0.96%	7.50%
315	Creedmoor	3	4	2.70%	3.03%	5.73%	0.47%	6.20%	2.63%	2.48%	5.11%	0.45%	5.56%	-0.64%	5.56%	NO MAX
316	Crockett	51	54	9.13%	5.26%	14.39%	0.70%	15.09%	9.16%	5.97%	15.13%	0.62%	15.75%	0.66%	15.75%	NO MAX
318	Crosbyton	10	10	5.21%	-3.56%	1.65%	0.95%	2.60%	5.19%	-3.96%	1.23%	1.15%	2.38%	-0.22%	2.38%	10.50%
320	Cross Plains	8	8	5.47%	1.23%	6.70%	0.48%	7.18%	5.30%	0.85%	6.15%	0.45%	6.60%	-0.58%	6.60%	9.50%
321	Cross Roads	16	15	8.19%	-0.12%	8.07%	0.20%	8.27%	7.97%	-0.08%	7.89%	0.20%	8.09%	-0.18%	8.09%	NO MAX
322	Crowell	9	9	1.78%	3.43%	5.21%	0.34%	5.55%	1.67%	2.37%	4.04%	0.38%	4.42%	-1.13%	4.42%	NO MAX
323	Crowley	117	125	8.33%	3.15%	11.48%	0.24%	11.72%	8.38%	3.60%	11.98%	0.25%	12.23%	0.51%	12.23%	12.50%
324	Crystal City	50	48	3.85%	-1.96%	1.89%	0.00%	1.89%	3.86%	-1.85%	2.01%	0.00%	2.01%	0.12%	2.01%	13.50%
326	Cuero	93	94	6.99%	2.17%	9.16%	0.47%	9.63%	6.97%	2.55%	9.52%	0.48%	10.00%	0.37%	10.00%	11.50%
328	Cumby	10	7	2.00%	0.33%	2.33%	0.35%	2.68%	2.26%	0.23%	2.49%	0.45%	2.94%	0.26%	2.94%	NO MAX
332	Daingerfield	19	20	6.38%	0.22%	6.60%	0.00%	6.60%	6.28%	-0.18%	6.10%	0.00%	6.10%	-0.50%	6.10%	9.50%
334	Daisetta	6	6	1.79%	-1.17%	0.62%	0.84%	1.46%	2.04%	-1.41%	0.63%	0.94%	1.57%	0.11%	1.57%	NO MAX
336	Dalhart	64	57	4.82%	-0.71%	4.11%	0.42%	4.53%	4.90%	-0.85%	4.05%	0.45%	4.50%	-0.03%	4.50%	11.50%
1502	Dallas Police and Fire PS	N/A	22	9.34%	0.00%	9.34%	0.14%	9.48%	9.13%	-0.04%	9.09%	0.29%	9.38%	-0.10%	9.38%	NO MAX
339	Dalworthington Gardens	26	26	11.32%	10.61%	21.93%	0.27%	22.20%	11.47%	12.75%	24.22%	0.28%	24.50%	2.30%	24.50%	NO MAX
340	Danbury	6	8	5.83%	-0.21%	5.62%	0.40%	6.02%	5.50%	-0.13%	5.37%	0.50%	5.87%	-0.15%	5.87%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
341	Darrouzett	3	3	3.96%	0.97%	4.93%	0.78%	5.71%	3.99%	1.44%	5.43%	0.86%	6.29%	0.58%	6.29%	NO MAX
344	Dayton	101	87	10.63%	5.73%	16.36%	0.29%	16.65%	11.45%	6.90%	18.35%	0.30%	18.65%	2.00%	18.65%	NO MAX
352	De Leon	14	11	2.86%	1.17%	4.03%	0.63%	4.66%	3.35%	-0.03%	3.32%	0.69%	4.01%	-0.65%	4.01%	9.50%
10366	DeSoto	360	376	9.14%	1.69%	10.83%	0.33%	11.16%	9.23%	2.11%	11.34%	0.32%	11.66%	0.50%	11.66%	NO MAX
346	Decatur	121	126	10.16%	4.01%	14.17%	0.36%	14.53%	10.40%	5.07%	15.47%	0.30%	15.77%	1.24%	15.77%	NO MAX
348	Deer Park	316	317	10.39%	2.83%	13.22%	0.35%	13.57%	10.49%	3.56%	14.05%	0.36%	14.41%	0.84%	14.41%	NO MAX
350	Dekalb	13	12	5.57%	-0.24%	5.33%	0.37%	5.70%	5.15%	-0.12%	5.03%	0.36%	5.39%	-0.31%	5.39%	11.50%
354	Del Rio	497	499	3.41%	3.57%	6.98%	0.39%	7.37%	3.46%	3.59%	7.05%	0.41%	7.46%	0.09%	7.46%	NO MAX
353	Dell City	1	3	4.75%	12.53%	17.28%	0.94%	18.22%	4.96%	9.79%	14.75%	0.68%	15.43%	-2.79%	15.43%	NO MAX
356	Denison	238	249	8.26%	2.39%	10.65%	0.00%	10.65%	8.23%	2.88%	11.11%	0.00%	11.11%	0.46%	11.11%	NO MAX
358	Denton	1,323	1,355	10.44%	7.43%	17.87%	0.28%	18.15%	10.57%	8.09%	18.66%	0.28%	18.94%	0.79%	18.94%	NO MAX
360	Denver City	32	29	6.77%	-0.28%	6.49%	0.45%	6.94%	6.58%	0.48%	7.06%	0.44%	7.50%	0.56%	7.50%	NO MAX
362	Deport	3	3	2.41%	0.40%	2.81%	1.22%	4.03%	1.74%	-0.01%	1.73%	0.55%	2.28%	-1.75%	2.28%	NO MAX
370	Devine	37	34	6.26%	11.10%	17.36%	0.41%	17.77%	6.15%	11.75%	17.90%	0.42%	18.32%	0.55%	18.32%	NO MAX
371	Diboll	38	35	11.04%	3.59%	14.63%	0.42%	15.05%	10.80%	3.63%	14.43%	0.37%	14.80%	-0.25%	14.80%	NO MAX
372	Dickens	2	2	2.91%	-0.93%	1.98%	0.14%	2.12%	2.91%	-0.87%	2.04%	0.15%	2.19%	0.07%	2.19%	NO MAX
373	Dickinson	117	134	8.74%	1.44%	10.18%	0.26%	10.44%	8.83%	1.29%	10.12%	0.26%	10.38%	-0.06%	10.38%	13.50%
374	Dilley	36	39	6.06%	1.75%	7.81%	0.32%	8.13%	6.23%	1.77%	8.00%	0.33%	8.33%	0.20%	8.33%	12.50%
376	Dimmitt	25	25	6.94%	-2.94%	4.00%	0.00%	4.00%	6.95%	-2.32%	4.63%	0.00%	4.63%	0.63%	4.63%	12.50%
382	Donna	149	152	7.37%	3.54%	10.91%	0.00%	10.91%	7.14%	3.66%	10.80%	0.00%	10.80%	-0.11%	10.80%	13.50%
379	Double Oak	11	11	7.18%	1.14%	8.32%	0.47%	8.79%	7.77%	0.77%	8.54%	0.47%	9.01%	0.22%	9.01%	NO MAX
383	Dripping Springs	40	43	5.41%	0.46%	5.87%	0.19%	6.06%	5.40%	0.31%	5.71%	0.19%	5.90%	-0.16%	5.90%	NO MAX
385	Driscoll	8	8	1.74%	-0.13%	1.61%	0.57%	2.18%	2.12%	-0.31%	1.81%	0.44%	2.25%	0.07%	2.25%	NO MAX
384	Dublin	32	35	9.17%	3.57%	12.74%	0.32%	13.06%	9.35%	3.46%	12.81%	0.31%	13.12%	0.06%	13.12%	NO MAX
386	Dumas	113	114	8.08%	5.02%	13.10%	0.36%	13.46%	8.02%	5.73%	13.75%	0.36%	14.11%	0.65%	14.11%	NO MAX
388	Duncanville	262	262	5.15%	1.04%	6.19%	0.00%	6.19%	5.19%	1.15%	6.34%	0.00%	6.34%	0.15%	6.34%	NO MAX
394	Eagle Lake	23	20	8.05%	1.41%	9.46%	0.77%	10.23%	8.04%	1.50%	9.54%	0.74%	10.28%	0.05%	10.28%	12.50%
396	Eagle Pass	422	434	6.68%	2.14%	8.82%	0.36%	9.18%	6.69%	2.66%	9.35%	0.35%	9.70%	0.52%	9.70%	11.50%
397	Early	35	39	3.90%	-0.53%	3.37%	0.29%	3.66%	3.96%	-0.65%	3.31%	0.28%	3.59%	-0.07%	3.59%	9.50%
399	Earth	7	5	1.93%	2.26%	4.19%	0.43%	4.62%	1.76%	2.44%	4.20%	0.61%	4.81%	0.19%	4.81%	NO MAX
393	East Bernard	5	5	3.46%	1.71%	5.17%	0.32%	5.49%	3.37%	1.86%	5.23%	0.26%	5.49%	0.00%	5.49%	NO MAX
401	East Mountain	2	3	12.18%	-1.54%	10.64%	0.47%	11.11%	14.19%	-1.24%	12.95%	0.32%	13.27%	2.16%	13.27%	NO MAX
395	East Tawakoni	12	12	6.16%	-0.53%	5.63%	0.47%	6.10%	6.31%	-0.65%	5.66%	0.50%	6.16%	0.06%	6.16%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
398	Eastland	41	40	7.33%	1.13%	8.46%	0.49%	8.95%	7.40%	0.68%	8.08%	0.45%	8.53%	-0.42%	8.53%	11.50%
402	Ector	4	4	2.02%	-0.34%	1.68%	0.62%	2.30%	1.91%	-0.35%	1.56%	0.70%	2.26%	-0.04%	2.26%	NO MAX
406	Eden	9	11	3.74%	-0.55%	3.19%	0.71%	3.90%	3.68%	0.11%	3.79%	0.64%	4.43%	0.53%	4.43%	7.50%
408	Edgewood	11	11	4.52%	1.29%	5.81%	0.68%	6.49%	4.61%	1.23%	5.84%	0.75%	6.59%	0.10%	6.59%	NO MAX
410	Edinburg	940	986	8.79%	5.74%	14.53%	0.25%	14.78%	8.84%	6.02%	14.86%	0.26%	15.12%	0.34%	15.12%	NO MAX
412	Edna	35	36	6.60%	3.77%	10.37%	0.64%	11.01%	6.62%	5.00%	11.62%	0.64%	12.26%	1.25%	12.26%	NO MAX
414	El Campo	117	115	7.11%	6.92%	14.03%	0.39%	14.42%	7.03%	7.24%	14.27%	0.35%	14.62%	0.20%	14.62%	NO MAX
416	Eldorado	17	17	5.19%	3.53%	8.72%	1.11%	9.83%	5.30%	3.82%	9.12%	1.11%	10.23%	0.40%	10.23%	10.50%
418	Electra	28	30	1.49%	-0.03%	1.46%	0.69%	2.15%	1.44%	-0.16%	1.28%	0.58%	1.86%	-0.29%	1.86%	7.50%
420	Elgin	88	92	9.86%	2.54%	12.40%	0.38%	12.78%	10.06%	2.90%	12.96%	0.37%	13.33%	0.55%	13.33%	NO MAX
422	Elkhart	8	10	3.60%	-0.20%	3.40%	0.00%	3.40%	3.62%	-1.23%	2.39%	0.00%	2.39%	-1.01%	2.39%	NO MAX
427	Elmendorf	14	16	1.30%	-0.02%	1.28%	0.19%	1.47%	1.42%	0.00%	1.42%	0.21%	1.63%	0.16%	1.63%	NO MAX
432	Emory	25	26	6.60%	0.12%	6.72%	0.64%	7.36%	6.17%	0.16%	6.33%	0.56%	6.89%	-0.47%	6.89%	13.50%
436	Ennis	190	205	12.08%	5.29%	17.37%	0.35%	17.72%	12.07%	6.48%	18.55%	0.33%	18.88%	1.16%	18.88%	NO MAX
437	Escobares	2	4	1.28%	5.04%	6.32%	0.11%	6.43%	1.11%	4.82%	5.93%	0.05%	5.98%	-0.45%	5.98%	NO MAX
439	Eules	378	384	11.42%	6.29%	17.71%	0.00%	17.71%	11.68%	6.98%	18.66%	0.00%	18.66%	0.95%	18.66%	NO MAX
440	Eustace	10	10	6.87%	3.08%	9.95%	0.46%	10.41%	6.45%	3.10%	9.55%	0.48%	10.03%	-0.38%	10.03%	13.50%
441	Everman	50	50	6.91%	1.07%	7.98%	0.27%	8.25%	7.07%	1.76%	8.83%	0.23%	9.06%	0.81%	9.06%	11.50%
443	Fair Oaks Ranch	65	73	10.09%	1.63%	11.72%	0.24%	11.96%	10.02%	2.21%	12.23%	0.24%	12.47%	0.51%	12.47%	13.50%
442	Fairfield	37	37	7.50%	-0.66%	6.84%	0.48%	7.32%	7.34%	-0.64%	6.70%	0.49%	7.19%	-0.13%	7.19%	13.50%
445	Fairview	75	73	10.47%	2.97%	13.44%	0.27%	13.71%	10.28%	2.84%	13.12%	0.29%	13.41%	-0.30%	13.41%	NO MAX
20444	Falfurrias	43	41	2.45%	-0.24%	2.21%	0.37%	2.58%	2.46%	-0.21%	2.25%	0.40%	2.65%	0.07%	2.65%	9.50%
446	Falls City	4	5	5.08%	2.17%	7.25%	0.36%	7.61%	4.88%	2.24%	7.12%	0.25%	7.37%	-0.24%	7.37%	NO MAX
448	Farmers Branch	398	404	10.85%	9.19%	20.04%	0.19%	20.23%	11.01%	9.01%	20.02%	0.17%	20.19%	-0.04%	20.19%	NO MAX
450	Farmersville	33	34	6.85%	1.87%	8.72%	0.37%	9.09%	6.87%	2.10%	8.97%	0.36%	9.33%	0.24%	9.33%	NO MAX
451	Farwell	5	8	12.38%	4.26%	16.64%	0.30%	16.94%	11.72%	-3.51%	8.21%	0.22%	8.43%	-8.51%	8.43%	NO MAX
452	Fate	67	79	10.00%	0.09%	10.09%	0.17%	10.26%	9.78%	0.11%	9.89%	0.17%	10.06%	-0.20%	10.06%	NO MAX
454	Fayetteville	2	2	1.60%	0.57%	2.17%	0.00%	2.17%	1.61%	1.17%	2.78%	0.00%	2.78%	0.61%	2.78%	NO MAX
456	Ferris	47	52	6.75%	0.46%	7.21%	0.39%	7.60%	6.62%	1.00%	7.62%	0.38%	8.00%	0.40%	8.00%	10.50%
458	Flatonia	16	18	10.78%	2.60%	13.38%	0.48%	13.86%	10.61%	3.61%	14.22%	0.49%	14.71%	0.85%	14.71%	NO MAX
460	Florence	13	13	4.57%	-0.10%	4.47%	0.25%	4.72%	4.63%	-0.06%	4.57%	0.28%	4.85%	0.13%	4.85%	NO MAX
20462	Floresville	59	62	6.67%	2.66%	9.33%	0.00%	9.33%	6.67%	2.95%	9.62%	0.00%	9.62%	0.29%	9.62%	11.50%
463	Flower Mound	616	624	7.95%	3.07%	11.02%	0.23%	11.25%	8.07%	3.23%	11.30%	0.23%	11.53%	0.28%	11.53%	13.50%



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CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
464	Floydada	24	21	6.85%	3.23%	10.08%	0.46%	10.54%	6.97%	3.75%	10.72%	0.44%	11.16%	0.62%	11.16%	NO MAX
465	Follett	2	3	1.63%	17.48%	19.11%	0.13%	19.24%	1.87%	20.84%	22.71%	0.37%	23.08%	3.84%	23.08%	NO MAX
468	Forest Hill	79	77	10.28%	2.83%	13.11%	0.27%	13.38%	10.11%	3.87%	13.98%	0.27%	14.25%	0.87%	14.25%	13.50%
470	Forney	176	213	11.32%	2.96%	14.28%	0.20%	14.48%	11.54%	2.50%	14.04%	0.20%	14.24%	-0.24%	14.24%	NO MAX
472	Fort Stockton	122	121	6.23%	3.23%	9.46%	0.60%	10.06%	6.32%	3.46%	9.78%	0.51%	10.29%	0.23%	10.29%	11.50%
476	Franklin	13	13	5.49%	-0.13%	5.36%	0.00%	5.36%	5.96%	-0.12%	5.84%	0.00%	5.84%	0.48%	5.84%	13.50%
478	Frankston	12	13	1.51%	-0.13%	1.38%	0.36%	1.74%	1.48%	-0.09%	1.39%	0.37%	1.76%	0.02%	1.76%	NO MAX
480	Fredericksburg	171	182	10.29%	11.83%	22.12%	0.38%	22.50%	10.35%	11.98%	22.33%	0.36%	22.69%	0.19%	22.69%	NO MAX
482	Freeport	128	124	9.53%	4.60%	14.13%	0.27%	14.40%	10.02%	5.31%	15.33%	0.31%	15.64%	1.24%	15.64%	NO MAX
481	Freer	17	18	3.26%	2.98%	6.24%	0.78%	7.02%	3.45%	1.88%	5.33%	0.66%	5.99%	-1.03%	5.99%	NO MAX
483	Friendswood	216	228	11.11%	5.22%	16.33%	0.30%	16.63%	11.13%	5.93%	17.06%	0.31%	17.37%	0.74%	17.37%	NO MAX
484	Friona	23	27	6.34%	2.58%	8.92%	0.40%	9.32%	6.23%	3.69%	9.92%	0.35%	10.27%	0.95%	10.27%	NO MAX
486	Frisco	1,242	1,298	11.44%	2.68%	14.12%	0.21%	14.33%	11.47%	2.86%	14.33%	0.21%	14.54%	0.21%	14.54%	NO MAX
487	Fritch	22	21	8.94%	-3.87%	5.07%	0.55%	5.62%	9.05%	-3.82%	5.23%	0.66%	5.89%	0.27%	5.89%	13.50%
488	Frost	2	1	3.02%	6.70%	9.72%	0.00%	9.72%	2.74%	6.12%	8.86%	0.00%	8.86%	-0.86%	8.86%	NO MAX
491	Fulshear	66	67	6.73%	0.45%	7.18%	0.20%	7.38%	6.79%	0.35%	7.14%	0.22%	7.36%	-0.02%	7.36%	NO MAX
493	Fulton	6	10	6.14%	-0.03%	6.11%	0.47%	6.58%	6.78%	-0.63%	6.15%	0.38%	6.53%	-0.05%	6.53%	NO MAX
492	Gainesville	216	214	5.46%	5.19%	10.65%	0.39%	11.04%	5.52%	4.11%	9.63%	0.38%	10.01%	-1.03%	10.01%	NO MAX
494	Galena Park	69	66	9.32%	0.93%	10.25%	0.45%	10.70%	9.25%	1.64%	10.89%	0.50%	11.39%	0.69%	11.39%	NO MAX
498	Ganado	10	9	12.33%	-0.54%	11.79%	0.78%	12.57%	12.38%	1.35%	13.73%	0.87%	14.60%	2.03%	14.60%	NO MAX
499	Garden Ridge	27	26	5.95%	1.24%	7.19%	0.48%	7.67%	6.22%	1.62%	7.84%	0.57%	8.41%	0.74%	8.41%	11.50%
500	Garland	2,082	2,062	8.57%	2.26%	10.83%	0.38%	11.21%	8.61%	2.53%	11.14%	0.39%	11.53%	0.32%	11.53%	NO MAX
501	Garrett	7	8	1.71%	3.07%	4.78%	0.20%	4.98%	1.77%	3.00%	4.77%	0.21%	4.98%	0.00%	4.98%	NO MAX
502	Garrison	5	6	10.92%	-4.56%	6.36%	0.34%	6.70%	10.83%	-4.14%	6.69%	0.33%	7.02%	0.32%	7.02%	NO MAX
503	Gary	4	4	7.70%	12.18%	19.88%	0.00%	19.88%	7.70%	15.16%	22.86%	0.00%	22.86%	2.98%	22.86%	NO MAX
504	Gatesville	85	80	9.87%	4.75%	14.62%	0.37%	14.99%	9.96%	5.37%	15.33%	0.40%	15.73%	0.74%	15.73%	NO MAX
505	George West	34	29	4.29%	0.94%	5.23%	0.35%	5.58%	4.52%	0.81%	5.33%	0.37%	5.70%	0.12%	5.70%	NO MAX
506	Georgetown	734	782	9.41%	2.80%	12.21%	0.21%	12.42%	9.41%	3.06%	12.47%	0.21%	12.68%	0.26%	12.68%	13.50%
510	Giddings	70	69	9.18%	8.54%	17.72%	0.51%	18.23%	9.30%	9.63%	18.93%	0.59%	19.52%	1.29%	19.52%	NO MAX
512	Gilmer	50	51	8.65%	4.56%	13.21%	0.41%	13.62%	8.85%	5.61%	14.46%	0.39%	14.85%	1.23%	14.85%	NO MAX
514	Gladewater	55	53	7.45%	0.16%	7.61%	0.34%	7.95%	7.49%	0.21%	7.70%	0.39%	8.09%	0.14%	8.09%	11.50%
516	Glen Rose	19	19	11.18%	3.31%	14.49%	0.50%	14.99%	11.99%	4.20%	16.19%	0.51%	16.70%	1.71%	16.70%	NO MAX
517	Glenn Heights	79	86	4.97%	0.71%	5.68%	0.24%	5.92%	5.21%	-0.77%	4.44%	0.24%	4.68%	-1.24%	4.68%	12.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES					2024 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				WITHOUT MAXIMUM OR PHASE-IN					WITHOUT MAXIMUM OR PHASE-IN							
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
		NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST	PRIOR SERVICE			TOTAL							
518	Godley	13	17	1.61%	0.51%	2.12%	0.33%	2.45%	1.65%	0.25%	1.90%	0.29%	2.19%	-0.26%	2.19%	8.50%
519	Goldsmith	5	4	1.22%	-0.08%	1.14%	0.65%	1.79%	1.35%	-0.12%	1.23%	0.86%	2.09%	0.30%	2.09%	7.50%
520	Goldthwaite	12	11	10.72%	14.11%	24.83%	0.45%	25.28%	10.74%	17.35%	28.09%	0.51%	28.60%	3.32%	28.60%	NO MAX
522	Goliad	16	15	6.24%	-1.04%	5.20%	0.42%	5.62%	6.24%	-1.02%	5.22%	0.44%	5.66%	0.04%	5.66%	NO MAX
524	Gonzales	99	104	6.13%	3.24%	9.37%	0.39%	9.76%	6.05%	3.65%	9.70%	0.36%	10.06%	0.30%	10.06%	NO MAX
527	Gordon	4	4	1.89%	0.52%	2.41%	0.15%	2.56%	1.91%	0.48%	2.39%	0.23%	2.62%	0.06%	2.62%	NO MAX
530	Gorman	8	5	2.11%	6.73%	8.84%	0.41%	9.25%	2.01%	5.49%	7.50%	0.57%	8.07%	-1.18%	8.07%	NO MAX
532	Graford	2	3	2.07%	-0.04%	2.03%	0.37%	2.40%	1.92%	0.22%	2.14%	0.25%	2.39%	-0.01%	2.39%	NO MAX
10534	Graham	80	81	6.66%	3.58%	10.24%	0.63%	10.87%	6.69%	4.35%	11.04%	0.58%	11.62%	0.75%	11.62%	NO MAX
536	Granbury	183	180	10.04%	6.97%	17.01%	0.39%	17.40%	10.11%	7.21%	17.32%	0.40%	17.72%	0.32%	17.72%	NO MAX
540	Grand Prairie	1,380	1,408	11.17%	6.25%	17.42%	0.31%	17.73%	11.18%	1.01%	12.19%	0.30%	12.49%	-5.24%	12.49%	NO MAX
542	Grand Saline	26	25	7.77%	1.03%	8.80%	0.38%	9.18%	7.98%	1.58%	9.56%	0.39%	9.95%	0.77%	9.95%	11.50%
544	Grandview	20	19	10.09%	1.57%	11.66%	0.00%	11.66%	9.88%	1.16%	11.04%	0.00%	11.04%	-0.62%	11.04%	13.50%
546	Granger	12	14	7.78%	-0.47%	7.31%	0.00%	7.31%	7.55%	-0.38%	7.17%	0.00%	7.17%	-0.14%	7.17%	13.50%
547	Granite Shoals	40	39	6.17%	0.09%	6.26%	0.30%	6.56%	5.89%	-0.08%	5.81%	0.30%	6.11%	-0.45%	6.11%	NO MAX
548	Grapeland	11	13	3.46%	-0.06%	3.40%	0.00%	3.40%	3.34%	-0.11%	3.23%	0.00%	3.23%	-0.17%	3.23%	7.50%
550	Grapevine	572	582	11.86%	7.12%	18.98%	0.00%	18.98%	11.80%	8.26%	20.06%	0.00%	20.06%	1.08%	20.06%	NO MAX
552	Greenville	336	342	8.48%	7.30%	15.78%	0.42%	16.20%	8.59%	8.05%	16.64%	0.42%	17.06%	0.86%	17.06%	NO MAX
551	Gregory	15	17	5.81%	-1.47%	4.34%	0.45%	4.79%	5.81%	-1.20%	4.61%	0.44%	5.05%	0.26%	5.05%	9.50%
553	Grey Forest	35	33	9.88%	6.62%	16.50%	0.36%	16.86%	9.86%	6.28%	16.14%	0.38%	16.52%	-0.34%	16.52%	NO MAX
556	Groesbeck	34	33	1.11%	1.17%	2.28%	0.41%	2.69%	1.09%	0.77%	1.86%	0.41%	2.27%	-0.42%	2.27%	NO MAX
558	Groom	4	4	3.16%	-0.10%	3.06%	0.00%	3.06%	3.16%	0.02%	3.18%	0.00%	3.18%	0.12%	3.18%	7.50%
559	Groves	98	102	6.96%	0.68%	7.64%	0.00%	7.64%	7.02%	0.97%	7.99%	0.00%	7.99%	0.35%	7.99%	NO MAX
560	Groveton	7	7	1.67%	-0.49%	1.18%	0.99%	2.17%	1.54%	-0.48%	1.06%	0.93%	1.99%	-0.18%	1.99%	7.50%
562	Gruver	5	5	8.39%	2.96%	11.35%	0.00%	11.35%	8.41%	2.76%	11.17%	0.00%	11.17%	-0.18%	11.17%	NO MAX
563	Gun Barrel City	47	47	8.52%	1.52%	10.04%	0.36%	10.40%	8.43%	0.92%	9.35%	0.32%	9.67%	-0.73%	9.67%	13.50%
564	Gunter	14	15	12.51%	2.07%	14.58%	0.24%	14.82%	12.49%	2.01%	14.50%	0.25%	14.75%	-0.07%	14.75%	NO MAX
568	Hale Center	12	11	4.57%	1.34%	5.91%	0.26%	6.17%	4.79%	1.65%	6.44%	0.28%	6.72%	0.55%	6.72%	NO MAX
570	Hallettsville	33	31	7.11%	5.66%	12.77%	0.58%	13.35%	7.42%	6.40%	13.82%	0.61%	14.43%	1.08%	14.43%	NO MAX
572	Hallsville	19	19	4.62%	1.42%	6.04%	0.44%	6.48%	4.64%	1.27%	5.91%	0.48%	6.39%	-0.09%	6.39%	NO MAX
574	Haltom City	261	255	10.62%	8.50%	19.12%	0.35%	19.47%	10.82%	9.91%	20.73%	0.35%	21.08%	1.61%	21.08%	NO MAX
576	Hamilton	29	31	9.42%	5.56%	14.98%	0.61%	15.59%	9.42%	5.05%	14.47%	0.58%	15.05%	-0.54%	15.05%	NO MAX
578	Hamlin	17	17	3.61%	1.27%	4.88%	0.92%	5.80%	3.74%	1.38%	5.12%	0.71%	5.83%	0.03%	5.83%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
580	Happy	2	3	8.52%	-2.37%	6.15%	0.51%	6.66%	8.08%	-1.16%	6.92%	0.42%	7.34%	0.68%	7.34%	NO MAX
581	Harker Heights	215	220	10.13%	5.09%	15.22%	0.26%	15.48%	9.99%	5.48%	15.47%	0.25%	15.72%	0.24%	15.72%	NO MAX
10582	Harlingen	498	542	6.42%	1.96%	8.38%	0.46%	8.84%	6.23%	1.98%	8.21%	0.43%	8.64%	-0.20%	8.64%	15.50%
20582	Harlingen Waterworks Sys	141	140	5.80%	3.60%	9.40%	0.57%	9.97%	5.63%	3.96%	9.59%	0.60%	10.19%	0.22%	10.19%	13.50%
583	Hart	4	4	1.11%	3.27%	4.38%	0.00%	4.38%	1.11%	3.17%	4.28%	0.00%	4.28%	-0.10%	4.28%	NO MAX
586	Haskell	26	25	1.81%	-1.81%	0.00%	0.47%	0.47%	2.03%	-2.03%	0.00%	0.44%	0.44%	-0.03%	0.44%	9.50%
587	Haslet	27	33	8.06%	0.22%	8.28%	0.35%	8.63%	7.79%	0.52%	8.31%	0.27%	8.58%	-0.05%	8.58%	15.50%
588	Hawkins	11	10	8.69%	-2.05%	6.64%	0.56%	7.20%	8.24%	-2.23%	6.01%	0.40%	6.41%	-0.79%	6.41%	NO MAX
590	Hearne	51	49	9.44%	4.79%	14.23%	0.53%	14.76%	9.73%	4.56%	14.29%	0.45%	14.74%	-0.02%	14.74%	NO MAX
591	Heath	58	58	9.56%	2.25%	11.81%	0.24%	12.05%	9.52%	2.13%	11.65%	0.24%	11.89%	-0.16%	11.89%	13.50%
592	Hedley	1	1	5.52%	-2.93%	2.59%	1.76%	4.35%	5.52%	-5.13%	0.39%	0.20%	0.59%	-3.76%	0.59%	11.50%
595	Hedwig Village	28	28	6.02%	1.92%	7.94%	0.36%	8.30%	6.15%	1.78%	7.93%	0.37%	8.30%	0.00%	8.30%	NO MAX
593	Helotes	68	71	5.69%	1.07%	6.76%	0.23%	6.99%	5.60%	0.73%	6.33%	0.24%	6.57%	-0.42%	6.57%	13.50%
594	Hemphill	23	22	4.75%	2.39%	7.14%	0.65%	7.79%	4.88%	2.54%	7.42%	0.61%	8.03%	0.24%	8.03%	11.50%
596	Hempstead	74	78	5.90%	1.04%	6.94%	0.41%	7.35%	6.08%	1.58%	7.66%	0.41%	8.07%	0.72%	8.07%	NO MAX
598	Henderson	138	132	10.10%	6.21%	16.31%	0.32%	16.63%	10.03%	6.68%	16.71%	0.31%	17.02%	0.39%	17.02%	NO MAX
600	Henrietta	17	17	9.86%	4.50%	14.36%	0.52%	14.88%	9.84%	4.82%	14.66%	0.55%	15.21%	0.33%	15.21%	NO MAX
602	Hereford	95	96	6.33%	3.10%	9.43%	0.38%	9.81%	6.30%	3.92%	10.22%	0.41%	10.63%	0.82%	10.63%	11.50%
605	Hewitt	95	98	11.24%	4.81%	16.05%	0.23%	16.28%	11.38%	5.51%	16.89%	0.23%	17.12%	0.84%	17.12%	NO MAX
609	Hickory Creek	23	26	10.91%	4.42%	15.33%	0.18%	15.51%	10.61%	4.55%	15.16%	0.19%	15.35%	-0.16%	15.35%	NO MAX
606	Hico	12	13	8.90%	-0.12%	8.78%	0.64%	9.42%	8.73%	-0.92%	7.81%	0.64%	8.45%	-0.97%	8.45%	13.50%
607	Hidalgo	142	148	8.90%	2.80%	11.70%	0.00%	11.70%	8.92%	2.88%	11.80%	0.00%	11.80%	0.10%	11.80%	13.50%
608	Higgins	2	2	3.98%	-0.39%	3.59%	0.95%	4.54%	3.98%	0.91%	4.89%	1.06%	5.95%	1.41%	5.95%	NO MAX
610	Highland Park	124	123	6.10%	6.35%	12.45%	0.00%	12.45%	6.19%	7.01%	13.20%	0.00%	13.20%	0.75%	13.20%	NO MAX
611	Highland Village	149	152	10.79%	2.96%	13.75%	0.29%	14.04%	10.96%	3.19%	14.15%	0.27%	14.42%	0.38%	14.42%	NO MAX
613	Hill Country Village	15	16	4.62%	-0.31%	4.31%	0.26%	4.57%	4.31%	-1.01%	3.30%	0.25%	3.55%	-1.02%	3.55%	11.50%
612	Hillsboro	94	104	6.22%	6.20%	12.42%	0.00%	12.42%	6.16%	5.26%	11.42%	0.00%	11.42%	-1.00%	11.42%	NO MAX
619	Hilshire Village	2	3	5.31%	0.93%	6.24%	0.45%	6.69%	5.23%	0.03%	5.26%	0.38%	5.64%	-1.05%	5.64%	NO MAX
614	Hitchcock	44	54	6.41%	-0.20%	6.21%	0.36%	6.57%	6.48%	-0.11%	6.37%	0.36%	6.73%	0.16%	6.73%	12.50%
615	Holland	8	6	5.58%	-1.70%	3.88%	0.92%	4.80%	5.56%	-1.48%	4.08%	0.63%	4.71%	-0.09%	4.71%	10.50%
616	Holliday	9	9	4.14%	7.97%	12.11%	0.00%	12.11%	3.76%	6.13%	9.89%	0.00%	9.89%	-2.22%	9.89%	NO MAX
617	Hollywood Park	39	38	9.28%	4.86%	14.14%	0.34%	14.48%	9.38%	5.49%	14.87%	0.37%	15.24%	0.76%	15.24%	NO MAX
618	Hondo	106	114	9.17%	3.38%	12.55%	0.35%	12.90%	10.16%	3.93%	14.09%	0.34%	14.43%	1.53%	14.43%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES					2024 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	WITHOUT MAXIMUM OR PHASE-IN					WITHOUT MAXIMUM OR PHASE-IN							
				RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST			PRIOR SERVICE	TOTAL						
620	Honey Grove	13	14	5.82%	-0.17%	5.65%	0.46%	6.11%	5.74%	-0.03%	5.71%	0.37%	6.08%	-0.03%	6.08%	9.50%
622	Hooks	13	14	7.49%	6.11%	13.60%	0.28%	13.88%	7.86%	6.08%	13.94%	0.31%	14.25%	0.37%	14.25%	NO MAX
623	Horizon City	76	81	2.77%	2.79%	5.56%	0.19%	5.75%	2.75%	2.55%	5.30%	0.16%	5.46%	-0.29%	5.46%	NO MAX
621	Horseshoe Bay	N/A	105	8.31%	0.00%	8.31%	0.13%	8.44%	8.03%	-0.01%	8.02%	0.24%	8.26%	-0.18%	8.26%	NO MAX
626	Howe	17	18	5.82%	-0.50%	5.32%	0.56%	5.88%	5.84%	-0.42%	5.42%	0.50%	5.92%	0.04%	5.92%	11.50%
627	Hubbard	12	12	3.08%	-0.13%	2.95%	0.25%	3.20%	3.25%	-0.27%	2.98%	0.26%	3.24%	0.04%	3.24%	NO MAX
628	Hudson	11	16	3.87%	0.08%	3.95%	0.42%	4.37%	3.91%	0.21%	4.12%	0.42%	4.54%	0.17%	4.54%	NO MAX
629	Hudson Oaks	22	22	10.42%	1.90%	12.32%	0.23%	12.55%	10.72%	2.59%	13.31%	0.23%	13.54%	0.99%	13.54%	13.50%
630	Hughes Springs	14	13	10.46%	-2.36%	8.10%	0.45%	8.55%	10.43%	-1.66%	8.77%	0.48%	9.25%	0.70%	9.25%	NO MAX
632	Humble	205	208	9.39%	3.79%	13.18%	0.29%	13.47%	9.43%	4.43%	13.86%	0.29%	14.15%	0.68%	14.15%	NO MAX
633	Hunters Creek Village	7	7	10.00%	9.80%	19.80%	0.67%	20.47%	10.13%	10.98%	21.11%	0.72%	21.83%	1.36%	21.83%	NO MAX
634	Huntington	21	23	11.00%	4.06%	15.06%	0.44%	15.50%	10.96%	5.05%	16.01%	0.46%	16.47%	0.97%	16.47%	NO MAX
636	Huntsville	272	279	8.42%	10.95%	19.37%	0.40%	19.77%	8.46%	11.45%	19.91%	0.40%	20.31%	0.54%	20.31%	NO MAX
637	Hurst	342	336	8.25%	3.94%	12.19%	0.00%	12.19%	8.26%	4.65%	12.91%	0.00%	12.91%	0.72%	12.91%	NO MAX
638	Hutchins	76	85	8.00%	-0.42%	7.58%	0.21%	7.79%	7.79%	-0.47%	7.32%	0.23%	7.55%	-0.24%	7.55%	13.50%
640	Hutto	109	127	12.42%	-0.34%	12.08%	0.25%	12.33%	12.41%	-0.17%	12.24%	0.26%	12.50%	0.17%	12.50%	NO MAX
641	Huxley	9	10	3.90%	-1.12%	2.78%	0.51%	3.29%	3.89%	-0.88%	3.01%	0.48%	3.49%	0.20%	3.49%	11.50%
642	Idalou	16	12	4.32%	-0.12%	4.20%	0.14%	4.34%	4.32%	-0.15%	4.17%	0.15%	4.32%	-0.02%	4.32%	NO MAX
643	Ingleside	96	98	7.49%	-0.33%	7.16%	0.39%	7.55%	7.84%	-0.27%	7.57%	0.46%	8.03%	0.48%	8.03%	11.50%
646	Ingram	13	8	6.21%	-0.24%	5.97%	0.00%	5.97%	6.13%	-0.57%	5.56%	0.00%	5.56%	-0.41%	5.56%	11.50%
647	Iowa Colony	19	20	9.48%	0.98%	10.46%	0.19%	10.65%	9.67%	0.85%	10.52%	0.18%	10.70%	0.05%	10.70%	NO MAX
644	Iowa Park	43	44	7.17%	2.07%	9.24%	0.41%	9.65%	7.34%	3.08%	10.42%	0.37%	10.79%	1.14%	10.79%	NO MAX
645	Iraan	6	8	6.18%	11.61%	17.79%	0.62%	18.41%	6.04%	4.86%	10.90%	0.60%	11.50%	-6.91%	11.50%	NO MAX
648	Irving	1,532	1,527	9.70%	-0.02%	9.68%	0.34%	10.02%	9.75%	0.27%	10.02%	0.33%	10.35%	0.33%	10.35%	NO MAX
650	Italy	19	18	7.20%	1.50%	8.70%	0.53%	9.23%	6.85%	1.61%	8.46%	0.46%	8.92%	-0.31%	8.92%	NO MAX
652	Itasca	19	20	10.24%	-1.21%	9.03%	0.44%	9.47%	10.35%	-1.77%	8.58%	0.45%	9.03%	-0.44%	9.03%	13.50%
654	Jacinto City	74	63	7.99%	7.83%	15.82%	0.59%	16.41%	8.07%	9.40%	17.47%	0.69%	18.16%	1.75%	18.16%	NO MAX
656	Jacksboro	39	38	9.70%	3.92%	13.62%	0.51%	14.13%	9.47%	4.65%	14.12%	0.49%	14.61%	0.48%	14.61%	NO MAX
658	Jacksonville	123	125	7.23%	2.65%	9.88%	0.40%	10.28%	7.41%	2.80%	10.21%	0.42%	10.63%	0.35%	10.63%	NO MAX
660	Jasper	120	117	5.11%	2.69%	7.80%	0.49%	8.29%	5.10%	2.70%	7.80%	0.49%	8.29%	0.00%	8.29%	15.50%
664	Jefferson	15	18	2.51%	-2.33%	0.18%	0.54%	0.72%	2.49%	-2.24%	0.25%	0.51%	0.76%	0.04%	0.76%	NO MAX
665	Jersey Village	98	103	10.13%	3.84%	13.97%	0.35%	14.32%	10.24%	4.46%	14.70%	0.31%	15.01%	0.69%	15.01%	NO MAX
666	Jewett	5	5	5.23%	9.26%	14.49%	0.31%	14.80%	5.20%	11.55%	16.75%	0.34%	17.09%	2.29%	17.09%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
668	Joaquin	6	4	1.93%	3.26%	5.19%	0.78%	5.97%	1.76%	3.33%	5.09%	1.10%	6.19%	0.22%	6.19%	NO MAX
670	Johnson City	14	13	6.25%	2.39%	8.64%	0.24%	8.88%	6.44%	2.59%	9.03%	0.24%	9.27%	0.39%	9.27%	10.50%
673	Jones Creek	7	7	3.35%	1.71%	5.06%	0.58%	5.64%	3.17%	1.98%	5.15%	0.62%	5.77%	0.13%	5.77%	NO MAX
675	Jonestown	31	30	6.79%	0.79%	7.58%	0.40%	7.98%	6.70%	0.12%	6.82%	0.40%	7.22%	-0.76%	7.22%	NO MAX
677	Josephine	16	24	8.34%	0.14%	8.48%	0.15%	8.63%	8.85%	0.30%	9.15%	0.19%	9.34%	0.71%	9.34%	NO MAX
671	Joshua	46	55	6.15%	-0.55%	5.60%	0.22%	5.82%	6.15%	-0.34%	5.81%	0.21%	6.02%	0.20%	6.02%	13.50%
672	Jourdanton	33	30	5.34%	0.06%	5.40%	0.81%	6.21%	5.21%	0.51%	5.72%	0.61%	6.33%	0.12%	6.33%	9.50%
674	Junction	24	24	9.53%	0.79%	10.32%	0.38%	10.70%	8.97%	0.75%	9.72%	0.42%	10.14%	-0.56%	10.14%	NO MAX
676	Justin	46	57	6.82%	0.44%	7.26%	0.00%	7.26%	6.84%	0.37%	7.21%	0.00%	7.21%	-0.05%	7.21%	13.50%
678	Karnes City	23	30	5.90%	2.53%	8.43%	0.36%	8.79%	5.95%	2.83%	8.78%	0.34%	9.12%	0.33%	9.12%	NO MAX
680	Katy	261	259	11.52%	2.03%	13.55%	0.23%	13.78%	11.61%	2.26%	13.87%	0.23%	14.10%	0.32%	14.10%	NO MAX
682	Kaufman	74	74	10.01%	3.16%	13.17%	0.35%	13.52%	10.04%	3.42%	13.46%	0.34%	13.80%	0.28%	13.80%	NO MAX
683	Keene	48	45	10.13%	2.29%	12.42%	0.35%	12.77%	10.19%	1.93%	12.12%	0.39%	12.51%	-0.26%	12.51%	NO MAX
681	Keller	272	286	10.00%	5.91%	15.91%	0.24%	16.15%	10.00%	6.42%	16.42%	0.25%	16.67%	0.52%	16.67%	NO MAX
685	Kemah	41	37	6.10%	-0.13%	5.97%	0.28%	6.25%	6.27%	-0.13%	6.14%	0.31%	6.45%	0.20%	6.45%	NO MAX
684	Kemp	18	17	7.83%	2.00%	9.83%	0.41%	10.24%	8.02%	2.08%	10.10%	0.46%	10.56%	0.32%	10.56%	13.50%
689	Kempner	5	4	1.16%	0.00%	1.16%	0.07%	1.23%	1.24%	-0.05%	1.19%	0.07%	1.26%	0.03%	1.26%	NO MAX
686	Kenedy	52	48	7.09%	2.63%	9.72%	0.24%	9.96%	7.19%	2.85%	10.04%	0.26%	10.30%	0.34%	10.30%	11.50%
688	Kennedale	60	64	10.59%	3.78%	14.37%	0.32%	14.69%	10.83%	4.89%	15.72%	0.31%	16.03%	1.34%	16.03%	NO MAX
690	Kerens	10	11	5.70%	6.95%	12.65%	0.34%	12.99%	5.37%	6.96%	12.33%	0.30%	12.63%	-0.36%	12.63%	NO MAX
692	Kermit	54	56	8.78%	5.91%	14.69%	0.49%	15.18%	8.46%	5.40%	13.86%	0.45%	14.31%	-0.87%	14.31%	NO MAX
10694	Kerrville	317	324	7.74%	2.39%	10.13%	0.37%	10.50%	7.80%	2.68%	10.48%	0.36%	10.84%	0.34%	10.84%	15.50%
20694	Kerrville PUB	53	55	8.96%	3.33%	12.29%	0.35%	12.64%	8.97%	3.59%	12.56%	0.35%	12.91%	0.27%	12.91%	NO MAX
10696	Kilgore	137	143	9.75%	4.58%	14.33%	0.49%	14.82%	9.89%	6.06%	15.95%	0.41%	16.36%	1.54%	16.36%	NO MAX
698	Killeen	936	959	7.43%	6.94%	14.37%	0.33%	14.70%	7.41%	6.84%	14.25%	0.33%	14.58%	-0.12%	14.58%	NO MAX
700	Kingsville	270	275	6.63%	1.54%	8.17%	0.00%	8.17%	6.70%	2.39%	9.09%	0.00%	9.09%	0.92%	9.09%	NO MAX
701	Kirby	44	49	11.24%	3.11%	14.35%	0.29%	14.64%	11.18%	4.42%	15.60%	0.28%	15.88%	1.24%	15.88%	NO MAX
702	Kirbyville	25	26	3.09%	2.25%	5.34%	0.72%	6.06%	3.14%	2.32%	5.46%	0.72%	6.18%	0.12%	6.18%	7.50%
704	Knox City	8	8	3.53%	-1.23%	2.30%	0.77%	3.07%	2.82%	-1.18%	1.64%	0.73%	2.37%	-0.70%	2.37%	9.50%
706	Kosse	4	6	1.65%	-0.18%	1.47%	0.21%	1.68%	1.76%	-0.17%	1.59%	0.23%	1.82%	0.14%	1.82%	NO MAX
708	Kountze	26	21	2.97%	1.26%	4.23%	0.37%	4.60%	2.77%	0.34%	3.11%	0.35%	3.46%	-1.14%	3.46%	NO MAX
699	Krugerville	9	11	7.45%	0.00%	7.45%	0.22%	7.67%	7.33%	-0.04%	7.29%	0.21%	7.50%	-0.17%	7.50%	NO MAX
707	Krum	48	52	6.18%	0.10%	6.28%	0.22%	6.50%	6.20%	0.16%	6.36%	0.22%	6.58%	0.08%	6.58%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
710	Kyle	252	278	10.76%	2.21%	12.97%	0.20%	13.17%	10.92%	2.19%	13.11%	0.20%	13.31%	0.14%	13.31%	13.50%
725	La Coste	7	8	2.06%	-0.51%	1.55%	0.00%	1.55%	2.00%	-0.64%	1.36%	0.00%	1.36%	-0.19%	1.36%	8.50%
714	La Feria	52	53	8.09%	6.99%	15.08%	0.46%	15.54%	7.98%	7.71%	15.69%	0.41%	16.10%	0.56%	16.10%	NO MAX
716	La Grange	61	60	9.44%	4.57%	14.01%	0.52%	14.53%	9.30%	5.53%	14.83%	0.55%	15.38%	0.85%	15.38%	NO MAX
723	La Grulla	10	22	8.04%	-3.34%	4.70%	0.57%	5.27%	6.93%	-2.02%	4.91%	0.41%	5.32%	0.05%	5.32%	11.50%
732	La Joya	51	50	1.49%	3.67%	5.16%	0.38%	5.54%	1.65%	3.35%	5.00%	0.43%	5.43%	-0.11%	5.43%	NO MAX
721	La Marque	133	137	9.45%	4.50%	13.95%	0.34%	14.29%	9.62%	4.80%	14.42%	0.34%	14.76%	0.47%	14.76%	NO MAX
728	La Porte	384	371	9.20%	6.67%	15.87%	0.30%	16.17%	9.17%	7.88%	17.05%	0.31%	17.36%	1.19%	17.36%	NO MAX
731	La Vernia	22	21	4.20%	0.97%	5.17%	0.28%	5.45%	3.99%	0.98%	4.97%	0.25%	5.22%	-0.23%	5.22%	NO MAX
711	Lacy-Lakeview	48	49	9.72%	3.37%	13.09%	0.32%	13.41%	10.56%	3.10%	13.66%	0.35%	14.01%	0.60%	14.01%	NO MAX
712	Ladonia	3	2	5.18%	-2.01%	3.17%	0.47%	3.64%	7.05%	-3.17%	3.88%	0.57%	4.45%	0.81%	4.45%	NO MAX
713	Lago Vista	98	94	6.83%	1.05%	7.88%	0.40%	8.28%	7.44%	1.23%	8.67%	0.41%	9.08%	0.80%	9.08%	12.50%
705	Laguna Vista	18	19	5.00%	-0.95%	4.05%	0.28%	4.33%	4.84%	-0.98%	3.86%	0.23%	4.09%	-0.24%	4.09%	NO MAX
717	Lake Dallas	34	31	11.53%	1.64%	13.17%	0.37%	13.54%	11.49%	2.30%	13.79%	0.36%	14.15%	0.61%	14.15%	13.50%
718	Lake Jackson	226	233	7.94%	3.24%	11.18%	0.41%	11.59%	8.02%	4.24%	12.26%	0.39%	12.65%	1.06%	12.65%	NO MAX
719	Lake Worth	102	106	10.82%	5.81%	16.63%	0.26%	16.89%	11.42%	5.78%	17.20%	0.25%	17.45%	0.56%	17.45%	NO MAX
727	Lakeport	4	6	3.20%	-3.11%	0.09%	0.61%	0.70%	3.42%	-3.37%	0.05%	0.52%	0.57%	-0.13%	0.57%	NO MAX
715	Lakeside	18	19	8.20%	2.54%	10.74%	0.60%	11.34%	8.32%	2.48%	10.80%	0.46%	11.26%	-0.08%	11.26%	13.50%
729	Lakeside City	4	4	4.63%	0.57%	5.20%	0.58%	5.78%	4.62%	0.90%	5.52%	0.62%	6.14%	0.36%	6.14%	NO MAX
720	Lakeway	118	121	9.85%	3.90%	13.75%	0.32%	14.07%	9.92%	3.75%	13.67%	0.34%	14.01%	-0.06%	14.01%	15.50%
722	Lamesa	85	88	5.03%	-1.20%	3.83%	0.00%	3.83%	5.04%	-0.97%	4.07%	0.00%	4.07%	0.24%	4.07%	13.50%
724	Lampasas	115	120	9.89%	5.78%	15.67%	0.37%	16.04%	10.04%	6.70%	16.74%	0.38%	17.12%	1.08%	17.12%	NO MAX
726	Lancaster	259	271	8.70%	4.97%	13.67%	0.27%	13.94%	8.90%	5.35%	14.25%	0.28%	14.53%	0.59%	14.53%	NO MAX
730	Laredo	2,305	2,415	10.32%	10.50%	20.82%	0.34%	21.16%	10.31%	10.79%	21.10%	0.35%	21.45%	0.29%	21.45%	NO MAX
733	Lavon	20	29	11.47%	6.96%	18.43%	0.29%	18.72%	11.41%	5.85%	17.26%	0.29%	17.55%	-1.17%	17.55%	NO MAX
736	League City	573	582	9.73%	4.75%	14.48%	0.29%	14.77%	9.70%	5.39%	15.09%	0.31%	15.40%	0.63%	15.40%	15.50%
737	Leander	365	398	9.81%	2.20%	12.01%	0.21%	12.22%	9.80%	2.20%	12.00%	0.21%	12.21%	-0.01%	12.21%	13.50%
735	Lefors	6	6	4.95%	0.99%	5.94%	0.27%	6.21%	4.14%	-0.01%	4.13%	0.11%	4.24%	-1.97%	4.24%	NO MAX
739	Leon Valley	101	108	11.49%	7.05%	18.54%	0.44%	18.98%	11.50%	7.93%	19.43%	0.43%	19.86%	0.88%	19.86%	NO MAX
738	Leonard	11	16	4.66%	-0.73%	3.93%	0.47%	4.40%	5.77%	-0.97%	4.80%	0.40%	5.20%	0.80%	5.20%	13.50%
740	Levelland	96	96	8.83%	0.14%	8.97%	0.33%	9.30%	9.09%	1.05%	10.14%	0.32%	10.46%	1.16%	10.46%	NO MAX
742	Lewisville	788	805	10.49%	6.28%	16.77%	0.00%	16.77%	10.62%	6.95%	17.57%	0.00%	17.57%	0.80%	17.57%	NO MAX
744	Lexington	10	10	6.59%	1.49%	8.08%	0.00%	8.08%	6.65%	3.22%	9.87%	0.00%	9.87%	1.79%	9.87%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
746	Liberty	100	98	5.24%	9.30%	14.54%	0.00%	14.54%	5.32%	9.34%	14.66%	0.00%	14.66%	0.12%	14.66%	NO MAX
745	Liberty Hill	53	62	6.26%	-0.03%	6.23%	0.19%	6.42%	6.64%	-0.06%	6.58%	0.21%	6.79%	0.37%	6.79%	NO MAX
748	Lindale	56	59	8.65%	6.41%	15.06%	0.00%	15.06%	8.77%	6.65%	15.42%	0.00%	15.42%	0.36%	15.42%	NO MAX
750	Linden	19	18	1.34%	-0.63%	0.71%	0.44%	1.15%	1.62%	-0.65%	0.97%	0.44%	1.41%	0.26%	1.41%	7.50%
749	Lindsay	4	4	4.18%	0.70%	4.88%	0.30%	5.18%	4.13%	0.95%	5.08%	0.33%	5.41%	0.23%	5.41%	NO MAX
755	Lipan	4	5	1.51%	-0.18%	1.33%	0.33%	1.66%	1.69%	-0.07%	1.62%	0.32%	1.94%	0.28%	1.94%	NO MAX
751	Little Elm	299	302	10.88%	2.40%	13.28%	0.19%	13.47%	10.96%	2.41%	13.37%	0.18%	13.55%	0.08%	13.55%	NO MAX
752	Littlefield	61	59	6.50%	-0.02%	6.48%	0.53%	7.01%	6.50%	-0.05%	6.45%	0.55%	7.00%	-0.01%	7.00%	11.50%
753	Live Oak	118	116	10.75%	7.19%	17.94%	0.33%	18.27%	11.00%	8.28%	19.28%	0.33%	19.61%	1.34%	19.61%	NO MAX
757	Liverpool	5	5	1.79%	-0.03%	1.76%	0.35%	2.11%	1.78%	-0.02%	1.76%	0.39%	2.15%	0.04%	2.15%	NO MAX
754	Livingston	85	83	8.93%	6.04%	14.97%	0.42%	15.39%	9.05%	7.66%	16.71%	0.43%	17.14%	1.75%	17.14%	NO MAX
756	Llano	46	38	8.00%	4.41%	12.41%	0.82%	13.23%	7.89%	4.07%	11.96%	0.83%	12.79%	-0.44%	12.79%	NO MAX
758	Lockhart	142	136	7.18%	5.45%	12.63%	0.40%	13.03%	7.22%	5.84%	13.06%	0.41%	13.47%	0.44%	13.47%	NO MAX
760	Lockney	8	11	2.57%	-2.57%	0.00%	0.50%	0.50%	2.68%	-2.68%	0.00%	0.46%	0.46%	-0.04%	0.46%	7.50%
761	Log Cabin	N/A	9	2.25%	4.41%	6.66%	0.07%	6.73%	2.32%	3.40%	5.72%	0.15%	5.87%	-0.86%	5.87%	NO MAX
764	Lone Oak	10	10	1.96%	3.31%	5.27%	0.19%	5.46%	1.85%	3.32%	5.17%	0.18%	5.35%	-0.11%	5.35%	NO MAX
765	Lone Star	8	8	3.48%	-1.24%	2.24%	0.54%	2.78%	3.63%	-0.75%	2.88%	0.51%	3.39%	0.61%	3.39%	7.50%
766	Longview	631	623	7.38%	4.71%	12.09%	0.47%	12.56%	7.32%	5.11%	12.43%	0.50%	12.93%	0.37%	12.93%	15.50%
768	Loraine	3	3	2.87%	-0.64%	2.23%	0.12%	2.35%	3.38%	-0.53%	2.85%	0.16%	3.01%	0.66%	3.01%	NO MAX
769	Lorena	16	17	8.53%	1.61%	10.14%	0.39%	10.53%	8.76%	1.55%	10.31%	0.38%	10.69%	0.16%	10.69%	12.50%
770	Lorenzo	6	6	5.32%	-4.02%	1.30%	0.00%	1.30%	5.44%	-3.98%	1.46%	0.00%	1.46%	0.16%	1.46%	9.50%
771	Los Fresnos	60	59	4.81%	1.85%	6.66%	0.35%	7.01%	4.76%	1.88%	6.64%	0.37%	7.01%	0.00%	7.01%	11.50%
772	Los Indios	N/A	7	5.02%	0.00%	5.02%	0.08%	5.10%	4.25%	-0.04%	4.21%	0.12%	4.33%	-0.77%	4.33%	NO MAX
773	Lott	5	3	2.04%	-0.20%	1.84%	0.38%	2.22%	2.55%	-0.54%	2.01%	0.66%	2.67%	0.45%	2.67%	NO MAX
774	Lovelady	3	3	6.11%	1.47%	7.58%	0.33%	7.91%	6.04%	1.35%	7.39%	0.35%	7.74%	-0.17%	7.74%	NO MAX
778	Lubbock	1,808	1,850	10.01%	7.00%	17.01%	0.00%	17.01%	9.92%	7.99%	17.91%	0.00%	17.91%	0.90%	17.91%	NO MAX
779	Lucas	41	44	10.44%	1.59%	12.03%	0.21%	12.24%	10.25%	1.95%	12.20%	0.21%	12.41%	0.17%	12.41%	15.50%
782	Lufkin	313	332	8.62%	7.38%	16.00%	0.49%	16.49%	8.60%	8.04%	16.64%	0.45%	17.09%	0.60%	17.09%	NO MAX
784	Luling	88	81	6.05%	-0.07%	5.98%	0.53%	6.51%	6.36%	0.32%	6.68%	0.58%	7.26%	0.75%	7.26%	11.50%
785	Lumberton	43	43	10.16%	5.17%	15.33%	0.48%	15.81%	10.46%	5.95%	16.41%	0.50%	16.91%	1.10%	16.91%	NO MAX
786	Lyford	13	13	1.35%	0.04%	1.39%	0.00%	1.39%	1.52%	-0.06%	1.46%	0.00%	1.46%	0.07%	1.46%	NO MAX
787	Lytle	25	29	6.68%	2.83%	9.51%	0.40%	9.91%	6.91%	2.46%	9.37%	0.37%	9.74%	-0.17%	9.74%	11.50%
790	Madisonville	36	36	6.41%	1.09%	7.50%	0.44%	7.94%	6.50%	0.91%	7.41%	0.46%	7.87%	-0.07%	7.87%	11.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
791	Magnolia	36	40	4.82%	-0.26%	4.56%	0.33%	4.89%	4.84%	-0.18%	4.66%	0.33%	4.99%	0.10%	4.99%	12.50%
792	Malakoff	23	22	6.34%	-0.89%	5.45%	0.36%	5.81%	6.16%	-0.94%	5.22%	0.36%	5.58%	-0.23%	5.58%	13.50%
796	Manor	76	82	5.53%	2.63%	8.16%	0.16%	8.32%	5.90%	2.01%	7.91%	0.18%	8.09%	-0.23%	8.09%	NO MAX
798	Mansfield	474	499	11.61%	5.17%	16.78%	0.24%	17.02%	11.71%	5.98%	17.69%	0.23%	17.92%	0.90%	17.92%	NO MAX
799	Manvel	75	91	5.94%	3.86%	9.80%	0.21%	10.01%	5.92%	2.61%	8.53%	0.19%	8.72%	-1.29%	8.72%	13.50%
800	Marble Falls	122	134	8.79%	5.29%	14.08%	0.34%	14.42%	8.70%	5.52%	14.22%	0.31%	14.53%	0.11%	14.53%	15.50%
802	Marfa	40	41	3.65%	-0.78%	2.87%	0.64%	3.51%	3.44%	-0.74%	2.70%	0.63%	3.33%	-0.18%	3.33%	11.50%
804	Marion	10	9	6.23%	-2.00%	4.23%	1.05%	5.28%	5.78%	-2.26%	3.52%	0.67%	4.19%	-1.09%	4.19%	11.50%
806	Marlin	56	59	6.61%	0.81%	7.42%	0.61%	8.03%	6.83%	0.57%	7.40%	0.60%	8.00%	-0.03%	8.00%	11.50%
808	Marquez	2	2	2.14%	17.56%	19.70%	0.46%	20.16%	2.14%	24.71%	26.85%	0.50%	27.35%	7.19%	27.35%	NO MAX
810	Marshall	184	184	9.91%	5.74%	15.65%	0.57%	16.22%	9.89%	6.61%	16.50%	0.56%	17.06%	0.84%	17.06%	NO MAX
812	Mart	13	11	5.38%	-2.99%	2.39%	0.50%	2.89%	5.43%	-2.73%	2.70%	0.69%	3.39%	0.50%	3.39%	9.50%
813	Martindale	2	6	6.21%	-0.53%	5.68%	0.46%	6.14%	5.14%	0.33%	5.47%	0.28%	5.75%	-0.39%	5.75%	NO MAX
814	Mason	30	29	4.30%	1.93%	6.23%	0.58%	6.81%	4.22%	2.28%	6.50%	0.63%	7.13%	0.32%	7.13%	9.50%
816	Matador	4	3	2.41%	-0.13%	2.28%	0.81%	3.09%	1.12%	-0.22%	0.90%	0.43%	1.33%	-1.76%	1.33%	NO MAX
818	Mathis	48	52	5.48%	-1.73%	3.75%	0.46%	4.21%	5.61%	-1.69%	3.92%	0.46%	4.38%	0.17%	4.38%	13.50%
820	Maud	6	7	2.62%	1.98%	4.60%	0.43%	5.03%	2.62%	0.57%	3.19%	0.34%	3.53%	-1.50%	3.53%	NO MAX
822	Maypearl	9	9	1.27%	-0.56%	0.71%	0.23%	0.94%	1.75%	-0.50%	1.25%	0.26%	1.51%	0.57%	1.51%	7.50%
824	McAllen	1,621	1,666	4.56%	3.99%	8.55%	0.00%	8.55%	4.58%	4.03%	8.61%	0.00%	8.61%	0.06%	8.61%	13.50%
826	McCamey	14	13	2.95%	-0.69%	2.26%	0.26%	2.52%	2.99%	-1.16%	1.83%	0.20%	2.03%	-0.49%	2.03%	9.50%
828	McGregor	49	53	9.81%	2.73%	12.54%	0.57%	13.11%	9.92%	3.26%	13.18%	0.57%	13.75%	0.64%	13.75%	13.50%
830	McKinney	1,213	1,250	11.46%	3.63%	15.09%	0.21%	15.30%	11.47%	4.01%	15.48%	0.21%	15.69%	0.39%	15.69%	NO MAX
832	McLean	6	6	2.02%	-0.02%	2.00%	0.51%	2.51%	1.97%	-0.02%	1.95%	0.48%	2.43%	-0.08%	2.43%	NO MAX
833	McLendon-Chisholm	10	14	7.51%	-0.18%	7.33%	0.31%	7.64%	8.12%	-0.19%	7.93%	0.36%	8.29%	0.65%	8.29%	NO MAX
834	Meadow	6	4	1.85%	2.42%	4.27%	0.31%	4.58%	1.74%	1.36%	3.10%	0.32%	3.42%	-1.16%	3.42%	NO MAX
831	Meadowlakes	19	21	2.35%	-0.14%	2.21%	0.55%	2.76%	2.23%	-0.16%	2.07%	0.58%	2.65%	-0.11%	2.65%	NO MAX
835	Meadows Place	35	35	5.88%	6.09%	11.97%	0.32%	12.29%	6.28%	5.77%	12.05%	0.33%	12.38%	0.09%	12.38%	13.50%
837	Melissa	65	74	11.73%	4.77%	16.50%	0.22%	16.72%	11.58%	4.43%	16.01%	0.19%	16.20%	-0.52%	16.20%	NO MAX
1501	Memorial Villages PD	42	44	6.63%	4.28%	10.91%	0.37%	11.28%	6.73%	4.42%	11.15%	0.35%	11.50%	0.22%	11.50%	NO MAX
840	Memphis	20	18	6.87%	3.44%	10.31%	0.36%	10.67%	6.80%	4.51%	11.31%	0.44%	11.75%	1.08%	11.75%	NO MAX
842	Menard	9	9	3.90%	-3.90%	0.00%	0.00%	0.00%	3.81%	-3.54%	0.27%	0.00%	0.27%	0.27%	0.27%	NO MAX
844	Mercedes	128	139	10.33%	5.33%	15.66%	0.33%	15.99%	10.42%	5.09%	15.51%	0.29%	15.80%	-0.19%	15.80%	NO MAX
846	Meridian	9	13	4.23%	-0.98%	3.25%	0.30%	3.55%	4.36%	-1.14%	3.22%	0.24%	3.46%	-0.09%	3.46%	11.50%



**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES					2024 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	WITHOUT MAXIMUM OR PHASE-IN					WITHOUT MAXIMUM OR PHASE-IN							
				RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST			PRIOR SERVICE	TOTAL						
848	Merkel	16	16	9.46%	3.36%	12.82%	0.29%	13.11%	9.57%	4.18%	13.75%	0.29%	14.04%	0.93%	14.04%	NO MAX
852	Mertzon	5	5	4.40%	6.17%	10.57%	0.34%	10.91%	4.38%	6.74%	11.12%	0.36%	11.48%	0.57%	11.48%	NO MAX
854	Mesquite	1,124	1,146	8.38%	10.51%	18.89%	0.00%	18.89%	8.40%	10.61%	19.01%	0.00%	19.01%	0.12%	19.01%	NO MAX
856	Mexia	82	83	9.82%	1.23%	11.05%	0.46%	11.51%	9.47%	1.03%	10.50%	0.45%	10.95%	-0.56%	10.95%	13.50%
858	Miami	3	4	2.52%	7.00%	9.52%	0.69%	10.21%	2.57%	6.24%	8.81%	0.27%	9.08%	-1.13%	9.08%	NO MAX
860	Midland	783	763	8.12%	6.29%	14.41%	0.39%	14.80%	8.06%	7.22%	15.28%	0.38%	15.66%	0.86%	15.66%	NO MAX
862	Midlothian	277	284	11.52%	3.58%	15.10%	0.24%	15.34%	11.61%	3.87%	15.48%	0.25%	15.73%	0.39%	15.73%	NO MAX
863	Milano	1	1	3.34%	4.43%	7.77%	0.98%	8.75%	3.34%	-0.04%	3.30%	1.07%	4.37%	-4.38%	4.37%	NO MAX
864	Miles	6	6	2.20%	-1.73%	0.47%	0.38%	0.85%	2.19%	-1.46%	0.73%	0.41%	1.14%	0.29%	1.14%	7.50%
865	Milford	6	6	3.50%	1.02%	4.52%	0.51%	5.03%	3.39%	2.17%	5.56%	0.58%	6.14%	1.11%	6.14%	NO MAX
868	Mineola	51	50	7.28%	2.82%	10.10%	0.34%	10.44%	7.72%	2.84%	10.56%	0.37%	10.93%	0.49%	10.93%	13.50%
870	Mineral Wells	182	172	6.32%	1.63%	7.95%	0.49%	8.44%	6.25%	1.70%	7.95%	0.42%	8.37%	-0.07%	8.37%	11.50%
874	Mission	712	732	6.54%	1.33%	7.87%	0.28%	8.15%	6.56%	1.56%	8.12%	0.27%	8.39%	0.24%	8.39%	13.50%
875	Missouri City	355	354	5.29%	5.16%	10.45%	0.26%	10.71%	5.31%	4.77%	10.08%	0.26%	10.34%	-0.37%	10.34%	15.50%
876	Monahans	65	64	5.32%	1.36%	6.68%	0.38%	7.06%	5.29%	1.23%	6.52%	0.32%	6.84%	-0.22%	6.84%	NO MAX
887	Mont Belvieu	182	200	11.39%	2.15%	13.54%	0.23%	13.77%	10.90%	2.18%	13.08%	0.23%	13.31%	-0.46%	13.31%	NO MAX
877	Montgomery	30	32	9.32%	0.72%	10.04%	0.26%	10.30%	9.11%	0.90%	10.01%	0.23%	10.24%	-0.06%	10.24%	13.50%
878	Moody	11	11	1.36%	0.68%	2.04%	0.42%	2.46%	1.23%	0.48%	1.71%	0.40%	2.11%	-0.35%	2.11%	7.50%
883	Morgan's Point	13	14	8.86%	1.21%	10.07%	0.20%	10.27%	8.67%	1.06%	9.73%	0.21%	9.94%	-0.33%	9.94%	NO MAX
882	Morgan's Point Resort	30	30	9.65%	2.40%	12.05%	0.38%	12.43%	9.41%	2.43%	11.84%	0.37%	12.21%	-0.22%	12.21%	13.50%
884	Morton	9	8	6.44%	-3.70%	2.74%	0.22%	2.96%	6.79%	-1.81%	4.98%	0.26%	5.24%	2.28%	5.24%	NO MAX
886	Moulton	10	10	9.67%	3.91%	13.58%	0.47%	14.05%	9.97%	6.74%	16.71%	0.50%	17.21%	3.16%	17.21%	NO MAX
890	Mount Enterprise	2	2	5.66%	-0.02%	5.64%	0.33%	5.97%	5.66%	-0.74%	4.92%	0.20%	5.12%	-0.85%	5.12%	NO MAX
892	Mt. Pleasant	166	186	9.90%	5.31%	15.21%	0.35%	15.56%	9.76%	5.43%	15.19%	0.32%	15.51%	-0.05%	15.51%	NO MAX
894	Mt. Vernon	22	22	9.04%	-0.17%	8.87%	0.40%	9.27%	9.68%	0.17%	9.85%	0.49%	10.34%	1.07%	10.34%	13.50%
896	Muenster	13	14	4.43%	-2.53%	1.90%	0.00%	1.90%	4.65%	-2.56%	2.09%	0.00%	2.09%	0.19%	2.09%	11.50%
898	Muleshoe	34	29	9.47%	11.33%	20.80%	0.53%	21.33%	9.50%	14.56%	24.06%	0.64%	24.70%	3.37%	24.70%	NO MAX
901	Munday	7	7	1.74%	2.03%	3.77%	0.54%	4.31%	1.74%	2.03%	3.77%	0.58%	4.35%	0.04%	4.35%	NO MAX
903	Murphy	112	112	11.29%	2.69%	13.98%	0.27%	14.25%	11.30%	2.76%	14.06%	0.27%	14.33%	0.08%	14.33%	15.50%
899	Mustang Ridge	N/A	9	2.19%	0.00%	2.19%	0.09%	2.28%	2.41%	-0.15%	2.26%	0.26%	2.52%	0.24%	2.52%	NO MAX
10904	Nacogdoches	302	305	8.60%	5.70%	14.30%	0.39%	14.69%	8.53%	6.35%	14.88%	0.37%	15.25%	0.56%	15.25%	NO MAX
906	Naples	6	6	2.83%	-1.89%	0.94%	0.57%	1.51%	3.31%	-2.05%	1.26%	0.75%	2.01%	0.50%	2.01%	9.50%
907	Nash	21	22	10.27%	8.87%	19.14%	0.38%	19.52%	10.98%	7.79%	18.77%	0.37%	19.14%	-0.38%	19.14%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
905	Nassau Bay	45	45	8.00%	2.16%	10.16%	0.33%	10.49%	7.92%	1.79%	9.71%	0.39%	10.10%	-0.39%	10.10%	NO MAX
909	Natalia	12	11	1.65%	0.46%	2.11%	0.32%	2.43%	1.79%	0.43%	2.22%	0.39%	2.61%	0.18%	2.61%	NO MAX
908	Navasota	82	92	6.19%	-0.25%	5.94%	0.37%	6.31%	5.97%	-0.06%	5.91%	0.33%	6.24%	-0.07%	6.24%	11.50%
910	Nederland	122	121	8.10%	-0.93%	7.17%	0.00%	7.17%	8.08%	-0.58%	7.50%	0.00%	7.50%	0.33%	7.50%	NO MAX
912	Needville	20	19	3.43%	0.16%	3.59%	0.77%	4.36%	3.43%	0.48%	3.91%	0.68%	4.59%	0.23%	4.59%	9.50%
914	New Boston	39	43	6.52%	-0.48%	6.04%	0.49%	6.53%	6.92%	-0.22%	6.70%	0.52%	7.22%	0.69%	7.22%	11.50%
10916	New Braunfels	674	729	11.09%	6.08%	17.17%	0.26%	17.43%	11.12%	6.43%	17.55%	0.25%	17.80%	0.37%	17.80%	NO MAX
20916	New Braunfels Utilities	342	349	10.55%	7.55%	18.10%	0.25%	18.35%	10.77%	8.15%	18.92%	0.25%	19.17%	0.82%	19.17%	NO MAX
915	New Deal	4	5	1.63%	-1.27%	0.36%	0.00%	0.36%	1.99%	-1.41%	0.58%	0.00%	0.58%	0.22%	0.58%	7.50%
923	New Fairview	3	4	6.62%	-0.50%	6.12%	0.26%	6.38%	8.30%	-0.25%	8.05%	0.32%	8.37%	1.99%	8.37%	NO MAX
918	New London	5	4	3.87%	-0.96%	2.91%	0.00%	2.91%	3.93%	-0.38%	3.55%	0.00%	3.55%	0.64%	3.55%	7.50%
919	New Summerfield	11	11	7.83%	-0.06%	7.77%	0.00%	7.77%	8.26%	-0.20%	8.06%	0.00%	8.06%	0.29%	8.06%	13.50%
917	New Waverly	5	5	6.88%	7.84%	14.72%	0.62%	15.34%	6.88%	8.32%	15.20%	0.68%	15.88%	0.54%	15.88%	NO MAX
913	Newark	5	6	1.26%	-0.08%	1.18%	0.09%	1.27%	1.33%	-0.08%	1.25%	0.09%	1.34%	0.07%	1.34%	NO MAX
920	Newton	23	25	11.01%	8.02%	19.03%	0.47%	19.50%	10.98%	6.60%	17.58%	0.44%	18.02%	-1.48%	18.02%	NO MAX
922	Nixon	23	23	1.17%	-0.60%	0.57%	0.34%	0.91%	1.22%	-0.68%	0.54%	0.32%	0.86%	-0.05%	0.86%	NO MAX
924	Nocona	19	21	6.82%	3.62%	10.44%	0.65%	11.09%	6.70%	3.55%	10.25%	0.61%	10.86%	-0.23%	10.86%	11.50%
925	Nolanville	22	19	4.37%	0.55%	4.92%	0.16%	5.08%	4.51%	0.32%	4.83%	0.19%	5.02%	-0.06%	5.02%	NO MAX
928	Normangee	6	7	5.06%	-1.12%	3.94%	0.60%	4.54%	5.15%	-0.92%	4.23%	0.64%	4.87%	0.33%	4.87%	11.50%
931	North Richland Hills	544	554	11.37%	5.82%	17.19%	0.00%	17.19%	11.48%	6.43%	17.91%	0.00%	17.91%	0.72%	17.91%	NO MAX
930	Northlake	60	66	8.48%	1.03%	9.51%	0.17%	9.68%	8.59%	1.01%	9.60%	0.18%	9.78%	0.10%	9.78%	NO MAX
935	O'Donnell	4	5	1.46%	3.01%	4.47%	0.36%	4.83%	2.10%	3.10%	5.20%	0.42%	5.62%	0.79%	5.62%	NO MAX
936	Oak Point	34	41	6.13%	2.42%	8.55%	0.21%	8.76%	6.07%	2.62%	8.69%	0.19%	8.88%	0.12%	8.88%	NO MAX
937	Oak Ridge North	40	41	8.73%	2.95%	11.68%	0.32%	12.00%	8.73%	3.84%	12.57%	0.28%	12.85%	0.85%	12.85%	NO MAX
942	Odem	20	19	5.28%	1.14%	6.42%	0.58%	7.00%	5.27%	0.78%	6.05%	0.60%	6.65%	-0.35%	6.65%	NO MAX
944	Odessa	715	687	8.27%	5.39%	13.66%	0.41%	14.07%	8.24%	6.40%	14.64%	0.40%	15.04%	0.97%	15.04%	NO MAX
945	Oglesby	2	1	1.10%	0.79%	1.89%	0.54%	2.43%	1.16%	0.14%	1.30%	1.97%	3.27%	0.84%	3.27%	NO MAX
949	Old River-Winfree	1	1	2.35%	-2.35%	0.00%	0.00%	0.00%	2.35%	-2.35%	0.00%	0.00%	0.00%	0.00%	0.00%	7.50%
950	Olmos Park	38	38	3.48%	-1.12%	2.36%	0.00%	2.36%	3.59%	-1.06%	2.53%	0.00%	2.53%	0.17%	2.53%	11.50%
951	Olney	22	24	5.94%	0.23%	6.17%	0.34%	6.51%	6.01%	-0.14%	5.87%	0.29%	6.16%	-0.35%	6.16%	NO MAX
953	Omaha	6	7	1.86%	3.31%	5.17%	0.36%	5.53%	1.90%	0.84%	2.74%	0.38%	3.12%	-2.41%	3.12%	NO MAX
954	Onalaska	17	19	7.33%	0.88%	8.21%	0.18%	8.39%	7.35%	1.06%	8.41%	0.19%	8.60%	0.21%	8.60%	12.50%
958	Orange	156	164	9.99%	4.89%	14.88%	0.00%	14.88%	10.01%	6.02%	16.03%	0.00%	16.03%	1.15%	16.03%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
960	Orange Grove	7	11	8.66%	-1.38%	7.28%	0.42%	7.70%	8.88%	-0.83%	8.05%	0.35%	8.40%	0.70%	8.40%	12.50%
957	Orchard	2	2	1.65%	7.15%	8.80%	0.24%	9.04%	1.66%	9.00%	10.66%	0.27%	10.93%	1.89%	10.93%	NO MAX
959	Ore City	9	9	1.58%	-0.44%	1.14%	0.22%	1.36%	1.90%	-0.53%	1.37%	0.35%	1.72%	0.36%	1.72%	7.50%
962	Overton	15	18	5.89%	-1.91%	3.98%	0.48%	4.46%	5.65%	-2.01%	3.64%	0.49%	4.13%	-0.33%	4.13%	12.50%
961	Ovilla	33	30	8.43%	2.12%	10.55%	0.28%	10.83%	8.82%	2.70%	11.52%	0.30%	11.82%	0.99%	11.82%	13.50%
963	Oyster Creek	22	22	8.53%	1.28%	9.81%	0.35%	10.16%	9.05%	1.19%	10.24%	0.37%	10.61%	0.45%	10.61%	13.50%
964	Paducah	9	9	4.78%	-4.78%	0.00%	0.63%	0.63%	4.68%	-4.68%	0.00%	0.59%	0.59%	-0.04%	0.59%	9.50%
966	Palacios	33	37	7.85%	1.70%	9.55%	0.44%	9.99%	7.08%	0.98%	8.06%	0.39%	8.45%	-1.54%	8.45%	NO MAX
968	Palestine	173	172	7.74%	6.01%	13.75%	0.43%	14.18%	7.61%	6.46%	14.07%	0.42%	14.49%	0.31%	14.49%	NO MAX
967	Palm Valley	N/A	11	4.42%	0.00%	4.42%	0.37%	4.79%	4.17%	-0.01%	4.16%	0.79%	4.95%	0.16%	4.95%	NO MAX
970	Palmer	23	25	9.62%	2.33%	11.95%	0.17%	12.12%	9.59%	2.56%	12.15%	0.18%	12.33%	0.21%	12.33%	13.50%
969	Palmhurst	31	32	5.10%	0.20%	5.30%	0.18%	5.48%	5.10%	0.19%	5.29%	0.18%	5.47%	-0.01%	5.47%	NO MAX
971	Palmview	84	93	1.10%	0.56%	1.66%	0.15%	1.81%	1.17%	0.47%	1.64%	0.15%	1.79%	-0.02%	1.79%	NO MAX
972	Pampa	159	158	9.42%	10.25%	19.67%	0.44%	20.11%	9.45%	10.89%	20.34%	0.44%	20.78%	0.67%	20.78%	NO MAX
974	Panhandle	17	18	6.62%	3.94%	10.56%	0.00%	10.56%	6.65%	4.28%	10.93%	0.00%	10.93%	0.37%	10.93%	NO MAX
973	Panorama Village	14	15	4.91%	-1.10%	3.81%	0.55%	4.36%	4.84%	-1.80%	3.04%	0.52%	3.56%	-0.80%	3.56%	12.50%
975	Pantego	45	45	11.44%	3.57%	15.01%	0.35%	15.36%	11.46%	4.34%	15.80%	0.37%	16.17%	0.81%	16.17%	NO MAX
976	Paris	233	290	4.63%	-0.04%	4.59%	0.51%	5.10%	5.33%	0.03%	5.36%	0.41%	5.77%	0.67%	5.77%	NO MAX
977	Parker	26	24	8.54%	4.84%	13.38%	0.28%	13.66%	8.67%	5.03%	13.70%	0.28%	13.98%	0.32%	13.98%	NO MAX
978	Pasadena	1,005	983	9.49%	3.32%	12.81%	0.44%	13.25%	9.53%	4.00%	13.53%	0.44%	13.97%	0.72%	13.97%	NO MAX
983	Pearland	779	788	9.91%	3.14%	13.05%	0.20%	13.25%	9.83%	3.61%	13.44%	0.19%	13.63%	0.38%	13.63%	15.50%
984	Pearsall	73	71	3.25%	0.23%	3.48%	0.30%	3.78%	3.25%	0.59%	3.84%	0.33%	4.17%	0.39%	4.17%	8.50%
988	Pecos City	148	144	5.79%	0.35%	6.14%	0.37%	6.51%	5.77%	0.39%	6.16%	0.39%	6.55%	0.04%	6.55%	11.50%
989	Pelican Bay	16	12	1.32%	2.03%	3.35%	0.16%	3.51%	1.90%	2.59%	4.49%	0.24%	4.73%	1.22%	4.73%	NO MAX
991	Penitas	39	39	3.37%	0.49%	3.86%	0.16%	4.02%	3.46%	0.39%	3.85%	0.17%	4.02%	0.00%	4.02%	NO MAX
994	Perryton	74	72	8.03%	1.76%	9.79%	0.52%	10.31%	8.30%	2.16%	10.46%	0.49%	10.95%	0.64%	10.95%	NO MAX
1000	Pflugerville	359	405	9.97%	3.90%	13.87%	0.23%	14.10%	10.22%	4.02%	14.24%	0.23%	14.47%	0.37%	14.47%	NO MAX
1002	Pharr	750	758	7.47%	4.63%	12.10%	0.22%	12.32%	7.48%	4.23%	11.71%	0.24%	11.95%	-0.37%	11.95%	NO MAX
1004	Pilot Point	64	66	9.09%	1.41%	10.50%	0.25%	10.75%	9.01%	1.16%	10.17%	0.33%	10.50%	-0.25%	10.50%	12.50%
1005	Pinehurst	21	21	9.57%	7.84%	17.41%	0.60%	18.01%	9.46%	9.21%	18.67%	0.60%	19.27%	1.26%	19.27%	NO MAX
1003	Pineland	10	10	5.64%	-2.42%	3.22%	0.55%	3.77%	5.62%	-1.46%	4.16%	0.55%	4.71%	0.94%	4.71%	NO MAX
1001	Piney Point Village	6	5	7.12%	0.62%	7.74%	0.37%	8.11%	7.34%	0.93%	8.27%	0.36%	8.63%	0.52%	8.63%	NO MAX
1006	Pittsburg	33	36	9.00%	1.22%	10.22%	0.46%	10.68%	8.92%	2.02%	10.94%	0.43%	11.37%	0.69%	11.37%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES					2024 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	WITHOUT MAXIMUM OR PHASE-IN					WITHOUT MAXIMUM OR PHASE-IN							
				RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST			PRIOR SERVICE	TOTAL						
1007	Plains	10	10	4.93%	-0.96%	3.97%	0.33%	4.30%	4.86%	-0.77%	4.09%	0.33%	4.42%	0.12%	4.42%	NO MAX
1008	Plainview	127	146	9.57%	1.61%	11.18%	0.00%	11.18%	9.53%	2.11%	11.64%	0.00%	11.64%	0.46%	11.64%	NO MAX
1010	Plano	2,358	2,407	11.55%	5.05%	16.60%	0.00%	16.60%	11.55%	6.09%	17.64%	0.00%	17.64%	1.04%	17.64%	NO MAX
1012	Pleasanton	109	113	9.17%	5.84%	15.01%	0.26%	15.27%	9.20%	6.50%	15.70%	0.25%	15.95%	0.68%	15.95%	NO MAX
1013	Point	7	11	10.18%	-0.78%	9.40%	0.00%	9.40%	11.06%	-1.29%	9.77%	0.00%	9.77%	0.37%	9.77%	NO MAX
1017	Ponder	16	15	5.06%	0.68%	5.74%	0.82%	6.56%	4.62%	0.62%	5.24%	0.57%	5.81%	-0.75%	5.81%	NO MAX
1014	Port Aransas	122	130	9.80%	4.60%	14.40%	0.36%	14.76%	9.93%	5.36%	15.29%	0.36%	15.65%	0.89%	15.65%	NO MAX
11016	Port Arthur	581	594	7.26%	6.60%	13.86%	0.46%	14.32%	7.28%	7.39%	14.67%	0.45%	15.12%	0.80%	15.12%	NO MAX
1018	Port Isabel	61	69	5.86%	3.51%	9.37%	0.39%	9.76%	5.84%	4.05%	9.89%	0.38%	10.27%	0.51%	10.27%	11.50%
1020	Port Lavaca	90	90	4.66%	0.79%	5.45%	0.40%	5.85%	4.72%	1.41%	6.13%	0.40%	6.53%	0.68%	6.53%	9.50%
1022	Port Neches	95	96	9.22%	6.04%	15.26%	0.00%	15.26%	9.32%	5.68%	15.00%	0.00%	15.00%	-0.26%	15.00%	NO MAX
1019	Portland	153	166	10.60%	7.03%	17.63%	0.34%	17.97%	10.88%	7.28%	18.16%	0.31%	18.47%	0.50%	18.47%	NO MAX
1024	Post	24	28	9.28%	8.22%	17.50%	0.81%	18.31%	9.08%	7.60%	16.68%	0.75%	17.43%	-0.88%	17.43%	NO MAX
1026	Poteet	22	30	3.96%	-1.60%	2.36%	0.40%	2.76%	4.02%	-1.46%	2.56%	0.36%	2.92%	0.16%	2.92%	9.50%
1028	Poth	11	9	2.13%	2.21%	4.34%	0.71%	5.05%	2.17%	2.09%	4.26%	0.86%	5.12%	0.07%	5.12%	9.50%
1030	Pottsboro	19	20	5.97%	0.33%	6.30%	0.40%	6.70%	6.11%	0.22%	6.33%	0.37%	6.70%	0.00%	6.70%	13.50%
1031	Prairie View	25	29	1.76%	0.93%	2.69%	0.24%	2.93%	1.75%	0.65%	2.40%	0.25%	2.65%	-0.28%	2.65%	NO MAX
1032	Premont	19	22	4.13%	-3.25%	0.88%	0.58%	1.46%	3.96%	-2.52%	1.44%	0.55%	1.99%	0.53%	1.99%	11.50%
1029	Presidio	42	42	2.51%	-0.42%	2.09%	0.29%	2.38%	2.45%	-0.40%	2.05%	0.29%	2.34%	-0.04%	2.34%	NO MAX
1033	Primera	18	25	4.65%	-0.58%	4.07%	0.20%	4.27%	4.67%	-0.45%	4.22%	0.24%	4.46%	0.19%	4.46%	11.50%
1034	Princeton	112	143	10.64%	1.15%	11.79%	0.22%	12.01%	10.62%	0.75%	11.37%	0.21%	11.58%	-0.43%	11.58%	13.50%
1036	Prosper	268	312	12.42%	1.70%	14.12%	0.00%	14.12%	12.55%	1.74%	14.29%	0.00%	14.29%	0.17%	14.29%	15.50%
1037	Providence Village	11	11	4.71%	1.68%	6.39%	0.22%	6.61%	4.68%	1.19%	5.87%	0.22%	6.09%	-0.52%	6.09%	NO MAX
1042	Quanah	13	13	5.61%	-2.48%	3.13%	0.55%	3.68%	5.60%	-2.90%	2.70%	0.60%	3.30%	-0.38%	3.30%	NO MAX
1045	Queen City	13	13	5.56%	0.65%	6.21%	0.34%	6.55%	5.73%	2.81%	8.54%	0.38%	8.92%	2.37%	8.92%	11.50%
1044	Quinlan	19	20	10.34%	-0.22%	10.12%	0.21%	10.33%	10.60%	-0.46%	10.14%	0.17%	10.31%	-0.02%	10.31%	12.50%
1047	Quintana	9	9	7.74%	0.75%	8.49%	0.30%	8.79%	7.80%	0.95%	8.75%	0.32%	9.07%	0.28%	9.07%	NO MAX
1046	Quitaque	4	4	1.24%	2.18%	3.42%	0.55%	3.97%	1.25%	-0.64%	0.61%	0.45%	1.06%	-2.91%	1.06%	NO MAX
1048	Quitman	22	24	6.51%	-1.25%	5.26%	0.47%	5.73%	6.50%	-1.17%	5.33%	0.43%	5.76%	0.03%	5.76%	11.50%
1050	Ralls	8	9	5.36%	-0.24%	5.12%	1.00%	6.12%	5.43%	0.98%	6.41%	1.05%	7.46%	1.34%	7.46%	9.50%
1051	Rancho Viejo	12	12	5.93%	-0.43%	5.50%	0.20%	5.70%	5.96%	-1.17%	4.79%	0.18%	4.97%	-0.73%	4.97%	11.50%
1052	Ranger	21	24	8.15%	-1.27%	6.88%	0.00%	6.88%	8.10%	-1.17%	6.93%	0.00%	6.93%	0.05%	6.93%	12.50%
1054	Rankin	4	4	3.00%	4.38%	7.38%	0.22%	7.60%	2.99%	-0.26%	2.73%	0.23%	2.96%	-4.64%	2.96%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1055	Ransom Canyon	11	12	8.87%	14.96%	23.83%	0.36%	24.19%	9.08%	0.04%	9.12%	0.20%	9.32%	-14.87%	9.32%	NO MAX
1058	Raymondville	71	67	4.40%	-2.71%	1.69%	0.40%	2.09%	4.52%	-2.48%	2.04%	0.44%	2.48%	0.39%	2.48%	15.50%
1061	Red Oak	114	118	5.51%	0.92%	6.43%	0.20%	6.63%	5.51%	0.95%	6.46%	0.20%	6.66%	0.03%	6.66%	13.50%
1062	Redwater	9	8	2.46%	0.19%	2.65%	0.23%	2.88%	2.04%	0.25%	2.29%	0.19%	2.48%	-0.40%	2.48%	NO MAX
1064	Refugio	29	31	1.08%	-1.08%	0.00%	0.00%	0.00%	1.18%	-1.18%	0.00%	0.00%	0.00%	0.00%	0.00%	7.50%
1065	Reklaw	5	5	7.76%	7.50%	15.26%	0.78%	16.04%	7.78%	4.65%	12.43%	0.79%	13.22%	-2.82%	13.22%	NO MAX
1066	Reno (Lamar County)	15	15	5.83%	-0.85%	4.98%	0.20%	5.18%	5.77%	-0.75%	5.02%	0.21%	5.23%	0.05%	5.23%	11.50%
1069	Reno (Parker County)	18	27	3.79%	-0.56%	3.23%	0.30%	3.53%	4.10%	-0.47%	3.63%	0.24%	3.87%	0.34%	3.87%	NO MAX
1067	Rhome	18	18	7.51%	-0.59%	6.92%	0.28%	7.20%	6.96%	-0.82%	6.14%	0.25%	6.39%	-0.81%	6.39%	13.50%
1068	Rice	12	13	1.49%	-0.28%	1.21%	0.24%	1.45%	1.77%	-0.27%	1.50%	0.30%	1.80%	0.35%	1.80%	7.50%
1070	Richardson	948	950	8.49%	6.59%	15.08%	0.00%	15.08%	8.53%	7.52%	16.05%	0.00%	16.05%	0.97%	16.05%	NO MAX
1073	Richland Hills	75	83	11.55%	4.47%	16.02%	0.46%	16.48%	11.99%	5.34%	17.33%	0.45%	17.78%	1.30%	17.78%	NO MAX
1074	Richland Springs	1	2	3.11%	-3.11%	0.00%	0.85%	0.85%	4.21%	-4.21%	0.00%	0.68%	0.68%	-0.17%	0.68%	NO MAX
1076	Richmond	160	153	10.77%	4.17%	14.94%	0.31%	15.25%	10.86%	4.57%	15.43%	0.31%	15.74%	0.49%	15.74%	NO MAX
1077	Richwood	21	25	7.88%	3.63%	11.51%	0.36%	11.87%	7.92%	4.46%	12.38%	0.36%	12.74%	0.87%	12.74%	NO MAX
1072	Riesel	7	8	1.08%	4.78%	5.86%	0.36%	6.22%	1.03%	4.63%	5.66%	0.34%	6.00%	-0.22%	6.00%	NO MAX
1075	Rio Grande City	155	155	6.00%	0.91%	6.91%	0.22%	7.13%	6.06%	1.15%	7.21%	0.24%	7.45%	0.32%	7.45%	NO MAX
1078	Rio Hondo	N/A	15	5.28%	3.33%	8.61%	0.00%	8.61%	5.45%	3.83%	9.28%	0.00%	9.28%	0.67%	9.28%	NO MAX
1079	Rio Vista	6	9	2.34%	0.96%	3.30%	0.24%	3.54%	2.78%	0.87%	3.65%	0.25%	3.90%	0.36%	3.90%	NO MAX
1080	Rising Star	8	6	1.97%	-1.58%	0.39%	0.66%	1.05%	2.06%	-1.57%	0.49%	0.91%	1.40%	0.35%	1.40%	NO MAX
1082	River Oaks	68	69	10.36%	2.89%	13.25%	0.51%	13.76%	10.37%	3.80%	14.17%	0.52%	14.69%	0.93%	14.69%	NO MAX
1084	Roanoke	132	137	12.72%	4.45%	17.17%	0.00%	17.17%	12.77%	4.86%	17.63%	0.00%	17.63%	0.46%	17.63%	NO MAX
1088	Robert Lee	5	4	0.73%	3.09%	3.82%	0.41%	4.23%	0.76%	3.07%	3.83%	0.52%	4.35%	0.12%	4.35%	NO MAX
1089	Robinson	67	69	9.06%	5.02%	14.08%	0.38%	14.46%	9.62%	5.30%	14.92%	0.35%	15.27%	0.81%	15.27%	NO MAX
21090	Robstown	89	80	4.40%	0.51%	4.91%	0.32%	5.23%	4.65%	0.22%	4.87%	0.36%	5.23%	0.00%	5.23%	9.50%
11090	Robstown Utility Systems	43	43	6.96%	11.11%	18.07%	0.53%	18.60%	7.06%	13.71%	20.77%	0.56%	21.33%	2.73%	21.33%	NO MAX
1092	Roby	2	2	6.39%	-1.38%	5.01%	0.58%	5.59%	6.39%	-0.73%	5.66%	0.59%	6.25%	0.66%	6.25%	NO MAX
1096	Rockdale	49	50	6.92%	1.49%	8.41%	0.55%	8.96%	7.01%	1.63%	8.64%	0.58%	9.22%	0.26%	9.22%	11.50%
1098	Rockport	120	129	11.59%	5.82%	17.41%	0.39%	17.80%	12.08%	6.81%	18.89%	0.37%	19.26%	1.46%	19.26%	NO MAX
1100	Rocksprings	8	7	2.48%	-0.81%	1.67%	0.00%	1.67%	2.59%	-0.96%	1.63%	0.00%	1.63%	-0.04%	1.63%	NO MAX
1102	Rockwall	307	313	11.93%	3.09%	15.02%	0.24%	15.26%	11.99%	3.64%	15.63%	0.24%	15.87%	0.61%	15.87%	NO MAX
1104	Rogers	10	8	5.85%	2.25%	8.10%	0.00%	8.10%	5.84%	2.39%	8.23%	0.00%	8.23%	0.13%	8.23%	NO MAX
1105	Rollingwood	17	19	9.92%	1.99%	11.91%	0.43%	12.34%	10.51%	1.98%	12.49%	0.48%	12.97%	0.63%	12.97%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1106	Roma	136	135	6.84%	1.95%	8.79%	0.53%	9.32%	7.02%	2.56%	9.58%	0.52%	10.10%	0.78%	10.10%	11.50%
1109	Roscoe	6	6	1.79%	-0.25%	1.54%	0.47%	2.01%	1.63%	-0.30%	1.33%	0.42%	1.75%	-0.26%	1.75%	NO MAX
1112	Rosebud	12	13	1.94%	-0.14%	1.80%	0.69%	2.49%	1.91%	-0.11%	1.80%	0.69%	2.49%	0.00%	2.49%	NO MAX
1114	Rosenberg	272	277	9.85%	6.20%	16.05%	0.21%	16.26%	9.89%	6.84%	16.73%	0.23%	16.96%	0.70%	16.96%	NO MAX
1116	Rotan	5	6	1.70%	-1.70%	0.00%	0.92%	0.92%	1.54%	-1.54%	0.00%	0.38%	0.38%	-0.54%	0.38%	NO MAX
1118	Round Rock	971	1,008	10.94%	5.26%	16.20%	0.24%	16.44%	10.99%	5.99%	16.98%	0.24%	17.22%	0.78%	17.22%	NO MAX
1119	Rowlett	437	456	9.51%	3.58%	13.09%	0.00%	13.09%	9.55%	3.74%	13.29%	0.00%	13.29%	0.20%	13.29%	NO MAX
1120	Royse City	87	101	12.36%	3.24%	15.60%	0.24%	15.84%	12.38%	3.27%	15.65%	0.23%	15.88%	0.04%	15.88%	NO MAX
1122	Rule	2	3	4.67%	-2.99%	1.68%	0.29%	1.97%	4.04%	-3.53%	0.51%	0.26%	0.77%	-1.20%	0.77%	11.50%
1123	Runaway Bay	17	19	2.67%	-0.95%	1.72%	0.32%	2.04%	2.57%	-0.86%	1.71%	0.30%	2.01%	-0.03%	2.01%	9.50%
1124	Runge	5	4	4.42%	7.16%	11.58%	0.99%	12.57%	4.38%	7.39%	11.77%	1.28%	13.05%	0.48%	13.05%	NO MAX
1126	Rusk	36	35	6.74%	-0.72%	6.02%	0.36%	6.38%	6.64%	-0.18%	6.46%	0.38%	6.84%	0.46%	6.84%	10.50%
1128	Sabinal	14	15	3.30%	-1.38%	1.92%	0.76%	2.68%	3.36%	-1.04%	2.32%	0.64%	2.96%	0.28%	2.96%	9.50%
1129	Sachse	152	160	11.08%	3.17%	14.25%	0.26%	14.51%	11.22%	3.34%	14.56%	0.25%	14.81%	0.30%	14.81%	NO MAX
1131	Saginaw	164	164	11.60%	9.65%	21.25%	0.29%	21.54%	11.72%	9.13%	20.85%	0.28%	21.13%	-0.41%	21.13%	NO MAX
1135	Saint Hedwig	N/A	8	2.56%	0.58%	3.14%	0.17%	3.31%	2.59%	0.67%	3.26%	0.36%	3.62%	0.31%	3.62%	NO MAX
1130	Saint Jo	7	7	7.00%	-1.80%	5.20%	0.90%	6.10%	7.30%	-1.35%	5.95%	0.90%	6.85%	0.75%	6.85%	10.50%
1133	Salado	12	14	6.98%	-1.13%	5.85%	0.43%	6.28%	7.18%	-1.02%	6.16%	0.41%	6.57%	0.29%	6.57%	NO MAX
1132	San Angelo	732	715	8.21%	8.70%	16.91%	0.00%	16.91%	8.18%	9.47%	17.65%	0.00%	17.65%	0.74%	17.65%	NO MAX
21136	San Antonio	7,057	7,605	7.02%	6.06%	13.08%	0.00%	13.08%	7.03%	5.76%	12.79%	0.00%	12.79%	-0.29%	12.79%	NO MAX
11136	San Antonio Water System	1,680	1,722	2.10%	1.51%	3.61%	0.00%	3.61%	2.11%	1.78%	3.89%	0.00%	3.89%	0.28%	3.89%	5.50%
1138	San Augustine	29	30	7.31%	1.29%	8.60%	0.57%	9.17%	7.52%	1.09%	8.61%	0.59%	9.20%	0.03%	9.20%	13.50%
1140	San Benito	166	167	3.72%	0.91%	4.63%	0.51%	5.14%	3.72%	1.03%	4.75%	0.50%	5.25%	0.11%	5.25%	11.50%
1144	San Felipe	4	5	1.81%	1.81%	3.62%	0.38%	4.00%	1.81%	1.90%	3.71%	0.36%	4.07%	0.07%	4.07%	NO MAX
1148	San Juan	236	235	4.36%	-0.12%	4.24%	0.33%	4.57%	4.41%	-0.13%	4.28%	0.33%	4.61%	0.04%	4.61%	12.50%
1150	San Marcos	688	719	10.96%	7.39%	18.35%	0.27%	18.62%	10.74%	8.26%	19.00%	0.26%	19.26%	0.64%	19.26%	NO MAX
1152	San Saba	47	47	6.23%	2.56%	8.79%	0.46%	9.25%	6.28%	3.05%	9.33%	0.50%	9.83%	0.58%	9.83%	10.50%
1145	Sandy Oaks	N/A	9	2.13%	1.07%	3.20%	0.09%	3.29%	1.86%	0.68%	2.54%	0.16%	2.70%	-0.59%	2.70%	NO MAX
1146	Sanger	77	78	7.66%	5.14%	12.80%	0.24%	13.04%	7.78%	4.87%	12.65%	0.26%	12.91%	-0.13%	12.91%	13.50%
1153	Sansom Park	39	42	10.11%	-0.25%	9.86%	0.23%	10.09%	10.45%	-0.04%	10.41%	0.26%	10.67%	0.58%	10.67%	13.50%
1155	Santa Fe	63	62	8.85%	9.53%	18.38%	0.00%	18.38%	9.23%	10.19%	19.42%	0.00%	19.42%	1.04%	19.42%	NO MAX
1158	Savoy	4	4	4.21%	-2.85%	1.36%	0.47%	1.83%	4.13%	-2.21%	1.92%	0.48%	2.40%	0.57%	2.40%	10.50%
1159	Schertz	356	379	10.96%	5.22%	16.18%	0.22%	16.40%	10.86%	5.73%	16.59%	0.22%	16.81%	0.41%	16.81%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1160	Schulenburg	39	40	9.88%	8.05%	17.93%	0.43%	18.36%	10.17%	8.81%	18.98%	0.41%	19.39%	1.03%	19.39%	NO MAX
1161	Seabrook	110	109	10.17%	5.94%	16.11%	0.29%	16.40%	10.11%	6.26%	16.37%	0.29%	16.66%	0.26%	16.66%	NO MAX
1162	Seadrift	19	19	1.44%	0.87%	2.31%	0.35%	2.66%	1.42%	0.66%	2.08%	0.35%	2.43%	-0.23%	2.43%	NO MAX
1164	Seagoville	104	111	7.82%	3.19%	11.01%	0.33%	11.34%	7.98%	3.61%	11.59%	0.29%	11.88%	0.54%	11.88%	13.50%
1166	Seagraves	18	18	7.42%	0.98%	8.40%	0.59%	8.99%	7.48%	1.41%	8.89%	0.63%	9.52%	0.53%	9.52%	NO MAX
1167	Sealy	70	59	9.52%	3.15%	12.67%	0.22%	12.89%	9.97%	3.75%	13.72%	0.24%	13.96%	1.07%	13.96%	NO MAX
1168	Seguin	415	423	10.05%	12.15%	22.20%	0.36%	22.56%	10.27%	12.21%	22.48%	0.37%	22.85%	0.29%	22.85%	NO MAX
1169	Selma	88	87	11.29%	3.96%	15.25%	0.20%	15.45%	11.45%	4.52%	15.97%	0.23%	16.20%	0.75%	16.20%	NO MAX
1170	Seminole	54	63	8.46%	3.37%	11.83%	0.50%	12.33%	8.66%	4.76%	13.42%	0.45%	13.87%	1.54%	13.87%	NO MAX
1171	Seven Points	20	15	9.09%	-5.06%	4.03%	0.48%	4.51%	8.53%	-5.02%	3.51%	0.43%	3.94%	-0.57%	3.87%	13.50%
1172	Seymour	26	30	3.53%	2.95%	6.48%	0.92%	7.40%	3.54%	3.95%	7.49%	0.85%	8.34%	0.94%	8.34%	8.50%
1165	Shady Shores	2	3	7.86%	3.00%	10.86%	0.14%	11.00%	7.90%	1.86%	9.76%	0.14%	9.90%	-1.10%	9.90%	NO MAX
1177	Shallowater	15	17	4.86%	-0.57%	4.29%	0.23%	4.52%	4.92%	-0.17%	4.75%	0.23%	4.98%	0.46%	4.98%	10.50%
1174	Shamrock	15	15	3.19%	5.65%	8.84%	1.39%	10.23%	3.20%	2.85%	6.05%	0.96%	7.01%	-3.22%	7.01%	NO MAX
1173	Shavano Park	50	47	11.67%	2.62%	14.29%	0.28%	14.57%	12.19%	1.86%	14.05%	0.28%	14.33%	-0.24%	14.33%	NO MAX
1175	Shenandoah	52	55	11.21%	7.24%	18.45%	0.27%	18.72%	11.44%	8.20%	19.64%	0.27%	19.91%	1.19%	19.91%	NO MAX
1181	Shepherd	10	10	4.79%	-2.26%	2.53%	0.35%	2.88%	5.16%	-2.25%	2.91%	0.42%	3.33%	0.45%	3.33%	11.50%
1176	Sherman	455	495	9.05%	4.64%	13.69%	0.35%	14.04%	9.11%	4.98%	14.09%	0.33%	14.42%	0.38%	14.42%	NO MAX
1178	Shiner	29	30	5.35%	5.09%	10.44%	0.83%	11.27%	5.33%	5.79%	11.12%	0.53%	11.65%	0.38%	11.65%	NO MAX
1179	Shoreacres	9	9	6.12%	-1.69%	4.43%	0.50%	4.93%	6.21%	-1.62%	4.59%	0.53%	5.12%	0.19%	5.12%	9.50%
1180	Silsbee	64	71	9.93%	8.62%	18.55%	0.00%	18.55%	9.99%	9.18%	19.17%	0.00%	19.17%	0.62%	19.17%	NO MAX
1182	Silverton	4	3	5.23%	-0.72%	4.51%	0.48%	4.99%	6.14%	-0.23%	5.91%	0.73%	6.64%	1.65%	6.64%	NO MAX
1183	Simonton	2	2	7.66%	3.03%	10.69%	0.08%	10.77%	7.66%	3.38%	11.04%	0.09%	11.13%	0.36%	11.13%	NO MAX
1184	Sinton	42	41	7.98%	4.78%	12.76%	0.40%	13.16%	7.93%	5.42%	13.35%	0.36%	13.71%	0.55%	13.71%	NO MAX
1185	Skellytown	5	6	3.68%	-1.77%	1.91%	0.27%	2.18%	4.08%	-1.61%	2.47%	0.42%	2.89%	0.71%	2.89%	9.50%
1186	Slaton	45	40	5.83%	0.64%	6.47%	0.53%	7.00%	6.26%	0.71%	6.97%	0.61%	7.58%	0.58%	7.58%	12.50%
1188	Smithville	66	70	6.97%	3.54%	10.51%	0.55%	11.06%	6.94%	4.18%	11.12%	0.50%	11.62%	0.56%	11.62%	11.50%
1189	Smyer	2	4	5.36%	-0.17%	5.19%	0.34%	5.53%	6.04%	-0.15%	5.89%	0.29%	6.18%	0.65%	6.18%	13.50%
1193	Snook	N/A	2	1.42%	0.00%	1.42%	0.03%	1.45%	1.90%	-0.06%	1.84%	0.22%	2.06%	0.61%	2.06%	NO MAX
1190	Snyder	84	79	9.34%	3.91%	13.25%	0.49%	13.74%	9.35%	4.83%	14.18%	0.51%	14.69%	0.95%	14.69%	NO MAX
1191	Somerset	13	15	2.86%	-0.47%	2.39%	3.42%	5.81%	2.96%	-0.52%	2.44%	3.13%	5.57%	-0.24%	5.57%	9.50%
1192	Somerville	15	13	7.01%	-0.50%	6.51%	0.42%	6.93%	6.82%	-0.28%	6.54%	0.54%	7.08%	0.15%	7.08%	11.50%
1194	Sonora	33	31	6.47%	0.87%	7.34%	0.48%	7.82%	6.54%	1.68%	8.22%	0.54%	8.76%	0.94%	8.76%	NO MAX

**SECTION 2**  
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		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1196	Sour Lake	15	14	6.09%	-0.84%	5.25%	0.37%	5.62%	6.43%	-0.86%	5.57%	0.44%	6.01%	0.39%	6.01%	13.50%
1198	South Houston	113	119	6.46%	2.78%	9.24%	0.56%	9.80%	6.39%	3.73%	10.12%	0.52%	10.64%	0.84%	10.64%	NO MAX
1199	South Padre Island	169	168	10.87%	1.63%	12.50%	0.30%	12.80%	10.75%	2.25%	13.00%	0.30%	13.30%	0.50%	13.30%	13.50%
1197	Southlake	356	352	9.36%	2.80%	12.16%	0.24%	12.40%	9.32%	3.17%	12.49%	0.23%	12.72%	0.32%	12.72%	13.50%
1200	Southmayd	7	7	1.59%	1.68%	3.27%	0.19%	3.46%	1.59%	1.70%	3.29%	0.20%	3.49%	0.03%	3.49%	NO MAX
1202	Southside Place	20	21	8.66%	2.30%	10.96%	0.53%	11.49%	8.72%	2.06%	10.78%	0.55%	11.33%	-0.16%	11.33%	NO MAX
1204	Spearman	26	23	9.30%	0.13%	9.43%	0.51%	9.94%	8.68%	1.39%	10.07%	0.59%	10.66%	0.72%	10.66%	13.50%
1201	Splendora	34	31	6.52%	4.55%	11.07%	0.23%	11.30%	6.56%	3.87%	10.43%	0.23%	10.66%	-0.64%	10.66%	NO MAX
1205	Spring Valley Village	41	41	5.61%	0.52%	6.13%	0.30%	6.43%	5.71%	0.46%	6.17%	0.28%	6.45%	0.02%	6.45%	NO MAX
1203	Springtown	47	45	10.69%	-1.42%	9.27%	0.32%	9.59%	10.87%	-1.08%	9.79%	0.30%	10.09%	0.50%	10.09%	13.50%
1206	Spur	9	9	2.65%	2.60%	5.25%	0.68%	5.93%	2.56%	2.46%	5.02%	0.68%	5.70%	-0.23%	5.70%	NO MAX
1207	Stafford	175	176	11.07%	2.06%	13.13%	0.36%	13.49%	11.52%	2.57%	14.09%	0.37%	14.46%	0.97%	14.46%	NO MAX
1208	Stamford	19	20	4.87%	-1.77%	3.10%	0.69%	3.79%	4.50%	-1.53%	2.97%	0.70%	3.67%	-0.12%	3.67%	9.50%
1210	Stanton	21	22	4.69%	0.39%	5.08%	0.31%	5.39%	4.71%	1.04%	5.75%	0.30%	6.05%	0.66%	6.05%	9.50%
1211	Star Harbor	5	4	7.72%	8.17%	15.89%	1.06%	16.95%	8.26%	2.12%	10.38%	1.54%	11.92%	-5.03%	11.92%	NO MAX
1212	Stephenville	161	173	7.53%	-1.06%	6.47%	0.38%	6.85%	7.55%	-0.75%	6.80%	0.34%	7.14%	0.29%	7.14%	NO MAX
1213	Sterling City	8	7	1.37%	-0.29%	1.08%	0.00%	1.08%	1.36%	-0.23%	1.13%	0.00%	1.13%	0.05%	1.13%	7.50%
1214	Stinnett	19	16	2.40%	-2.40%	0.00%	0.32%	0.32%	2.72%	-2.72%	0.00%	0.39%	0.39%	0.07%	0.39%	9.50%
1216	Stockdale	9	9	2.72%	1.49%	4.21%	0.64%	4.85%	2.59%	0.97%	3.56%	0.70%	4.26%	-0.59%	4.26%	NO MAX
1218	Stratford	13	13	7.46%	1.93%	9.39%	0.51%	9.90%	7.50%	2.56%	10.06%	0.51%	10.57%	0.67%	10.57%	NO MAX
1220	Strawn	N/A	5	7.35%	0.00%	7.35%	0.28%	7.63%	6.87%	0.06%	6.93%	0.48%	7.41%	-0.22%	7.41%	NO MAX
1224	Sudan	8	8	1.49%	0.07%	1.56%	0.00%	1.56%	1.50%	-0.37%	1.13%	0.00%	1.13%	-0.43%	1.13%	7.50%
1225	Sugar Land	793	826	10.73%	3.63%	14.36%	0.24%	14.60%	10.74%	3.85%	14.59%	0.24%	14.83%	0.23%	14.83%	NO MAX
1223	Sullivan City	25	21	1.15%	1.13%	2.28%	0.09%	2.37%	1.34%	1.13%	2.47%	0.10%	2.57%	0.20%	2.57%	NO MAX
1226	Sulphur Springs	144	145	4.64%	2.47%	7.11%	0.44%	7.55%	4.67%	2.52%	7.19%	0.43%	7.62%	0.07%	7.62%	NO MAX
1228	Sundown	13	12	8.20%	3.46%	11.66%	0.58%	12.24%	8.84%	3.86%	12.70%	0.62%	13.32%	1.08%	13.32%	NO MAX
1229	Sunnyvale	76	74	11.39%	0.94%	12.33%	0.28%	12.61%	11.41%	0.89%	12.30%	0.25%	12.55%	-0.06%	12.55%	NO MAX
1230	Sunray	12	12	10.20%	3.03%	13.23%	0.49%	13.72%	10.55%	1.17%	11.72%	0.41%	12.13%	-1.59%	12.13%	NO MAX
1227	Sunrise Beach Village	11	12	1.77%	-0.18%	1.59%	0.34%	1.93%	1.69%	-0.21%	1.48%	0.31%	1.79%	-0.14%	1.79%	7.50%
1231	Sunset Valley	24	28	9.66%	1.25%	10.91%	0.22%	11.13%	9.02%	1.69%	10.71%	0.20%	10.91%	-0.22%	10.91%	13.50%
1233	Surfside Beach	31	37	5.95%	-0.46%	5.49%	0.28%	5.77%	6.03%	-0.52%	5.51%	0.31%	5.82%	0.05%	5.82%	13.50%
1232	Sweeny	24	24	9.11%	5.66%	14.77%	0.66%	15.43%	9.50%	5.28%	14.78%	0.48%	15.26%	-0.17%	15.26%	NO MAX
1234	Sweetwater	106	103	9.81%	7.56%	17.37%	0.43%	17.80%	9.75%	7.87%	17.62%	0.42%	18.04%	0.24%	18.04%	NO MAX



**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES					2024 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	WITHOUT MAXIMUM OR PHASE-IN					WITHOUT MAXIMUM OR PHASE-IN							
				RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST	PRIOR SERVICE	TOTAL	NORMAL COST			PRIOR SERVICE	TOTAL						
1264	TMRS	118	124	11.36%	3.70%	15.06%	0.33%	15.39%	11.33%	4.40%	15.73%	0.32%	16.05%	0.66%	16.05%	NO MAX
1236	Taft	29	26	12.51%	3.30%	15.81%	0.65%	16.46%	8.81%	2.68%	11.49%	0.60%	12.09%	-4.37%	12.09%	NO MAX
1238	Tahoka	20	23	5.76%	-3.77%	1.99%	0.49%	2.48%	5.96%	-3.37%	2.59%	0.49%	3.08%	0.60%	3.08%	11.50%
1240	Talty	6	6	5.67%	4.95%	10.62%	0.77%	11.39%	5.40%	3.97%	9.37%	0.84%	10.21%	-1.18%	10.21%	NO MAX
1241	Tatum	8	6	1.51%	0.36%	1.87%	0.34%	2.21%	1.49%	-0.02%	1.47%	0.44%	1.91%	-0.30%	1.91%	7.50%
1246	Taylor	156	164	9.19%	3.51%	12.70%	0.35%	13.05%	9.43%	3.51%	12.94%	0.33%	13.27%	0.22%	13.27%	NO MAX
1248	Teague	21	24	8.29%	-0.82%	7.47%	0.39%	7.86%	8.77%	-0.89%	7.88%	0.37%	8.25%	0.39%	8.25%	13.50%
1252	Temple	712	737	10.66%	6.14%	16.80%	0.37%	17.17%	10.77%	6.65%	17.42%	0.34%	17.76%	0.59%	17.76%	NO MAX
1254	Tenaha	6	4	1.21%	-1.21%	0.00%	0.65%	0.65%	1.35%	-1.35%	0.00%	0.95%	0.95%	0.30%	0.95%	7.50%
1256	Terrell	187	193	10.90%	5.75%	16.65%	0.38%	17.03%	10.94%	6.90%	17.84%	0.37%	18.21%	1.18%	18.21%	NO MAX
1258	Terrell Hills	50	47	9.67%	6.03%	15.70%	0.30%	16.00%	9.68%	6.13%	15.81%	0.31%	16.12%	0.12%	16.12%	NO MAX
31263	Tex Municipal League IEBP	121	133	5.74%	2.84%	8.58%	0.31%	8.89%	5.70%	2.75%	8.45%	0.29%	8.74%	-0.15%	8.74%	12.50%
21263	Tex Municipal League IRP	252	249	10.03%	0.57%	10.60%	0.33%	10.93%	10.08%	1.43%	11.51%	0.33%	11.84%	0.91%	11.84%	NO MAX
21260	Texarkana	189	190	9.23%	6.57%	15.80%	0.00%	15.80%	9.19%	7.25%	16.44%	0.00%	16.44%	0.64%	16.44%	NO MAX
11260	Texarkana Police Dept	88	85	10.10%	4.37%	14.47%	0.00%	14.47%	10.18%	6.02%	16.20%	0.00%	16.20%	1.73%	16.20%	NO MAX
31260	Texarkana Water Utilities	163	169	9.85%	6.85%	16.70%	0.00%	16.70%	9.81%	7.16%	16.97%	0.00%	16.97%	0.27%	16.97%	NO MAX
1262	Texas City	418	422	9.93%	6.95%	16.88%	0.00%	16.88%	10.02%	8.22%	18.24%	0.00%	18.24%	1.36%	18.24%	NO MAX
11263	Texas Municipal League	33	33	7.78%	5.88%	13.66%	0.40%	14.06%	7.79%	7.32%	15.11%	0.31%	15.42%	1.36%	15.42%	NO MAX
1267	The Colony	380	396	10.02%	3.43%	13.45%	0.26%	13.71%	9.96%	3.55%	13.51%	0.24%	13.75%	0.04%	13.75%	NO MAX
1269	Thompsons	2	2	2.41%	3.20%	5.61%	0.56%	6.17%	2.41%	4.61%	7.02%	0.61%	7.63%	1.46%	7.63%	NO MAX
1268	Thorndale	11	9	6.39%	0.65%	7.04%	0.52%	7.56%	6.47%	0.90%	7.37%	0.48%	7.85%	0.29%	7.85%	9.50%
1272	Thrall	7	6	3.72%	1.54%	5.26%	0.70%	5.96%	3.70%	-0.41%	3.29%	0.80%	4.09%	-1.87%	4.09%	NO MAX
1274	Three Rivers	35	32	10.14%	14.24%	24.38%	0.98%	25.36%	10.27%	16.53%	26.80%	1.18%	27.98%	2.62%	27.98%	NO MAX
1276	Throckmorton	5	5	5.96%	0.05%	6.01%	0.58%	6.59%	5.94%	2.51%	8.45%	0.61%	9.06%	2.47%	9.06%	9.50%
1277	Tiki Island	8	8	2.37%	1.08%	3.45%	0.47%	3.92%	2.37%	1.10%	3.47%	0.51%	3.98%	0.06%	3.98%	NO MAX
1278	Timpson	6	6	2.59%	-1.89%	0.70%	0.56%	1.26%	2.57%	-1.56%	1.01%	0.54%	1.55%	0.29%	1.55%	7.50%
1280	Tioga	10	10	4.47%	-0.21%	4.26%	0.30%	4.56%	4.55%	-0.20%	4.35%	0.33%	4.68%	0.12%	4.68%	11.50%
1285	Todd Mission	N/A	5	6.06%	6.34%	12.40%	0.05%	12.45%	6.31%	1.31%	7.62%	0.11%	7.73%	-4.72%	7.73%	NO MAX
1283	Tolar	6	6	7.51%	-0.33%	7.18%	0.30%	7.48%	7.46%	-0.26%	7.20%	0.33%	7.53%	0.05%	7.53%	NO MAX
1286	Tom Bean	8	7	3.44%	-0.90%	2.54%	0.23%	2.77%	3.42%	-0.71%	2.71%	0.24%	2.95%	0.18%	2.95%	10.50%
1284	Tomball	185	195	9.30%	3.74%	13.04%	0.30%	13.34%	9.56%	3.95%	13.51%	0.27%	13.78%	0.44%	13.78%	NO MAX
1287	Tool	N/A	18	3.70%	0.00%	3.70%	0.12%	3.82%	3.60%	-0.02%	3.58%	0.25%	3.83%	0.01%	3.83%	NO MAX
1290	Trent	1	2	4.03%	-1.84%	2.19%	0.81%	3.00%	5.43%	-1.46%	3.97%	0.64%	4.61%	1.61%	4.61%	11.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1292	Trenton	6	6	4.42%	-0.75%	3.67%	0.58%	4.25%	4.29%	-0.46%	3.83%	0.47%	4.30%	0.05%	4.30%	9.50%
1293	Trinidad	7	6	9.15%	5.35%	14.50%	0.63%	15.13%	9.14%	6.75%	15.89%	0.69%	16.58%	1.45%	16.58%	NO MAX
1294	Trinity	23	29	6.34%	-0.82%	5.52%	0.74%	6.26%	6.61%	-0.74%	5.87%	0.69%	6.56%	0.30%	6.56%	11.50%
1295	Trophy Club	73	73	10.71%	1.97%	12.68%	0.31%	12.99%	10.55%	2.35%	12.90%	0.31%	13.21%	0.22%	13.21%	NO MAX
1296	Troup	22	21	6.15%	2.50%	8.65%	0.50%	9.15%	5.99%	2.87%	8.86%	0.50%	9.36%	0.21%	9.36%	11.50%
1297	Troy	13	14	9.61%	-0.05%	9.56%	0.77%	10.33%	9.29%	0.14%	9.43%	0.72%	10.15%	-0.18%	10.15%	13.50%
1298	Tulia	37	38	8.59%	-0.13%	8.46%	0.41%	8.87%	8.47%	1.15%	9.62%	0.41%	10.03%	1.16%	10.03%	NO MAX
1299	Turkey	4	4	2.10%	3.14%	5.24%	0.87%	6.11%	2.10%	3.36%	5.46%	0.89%	6.35%	0.24%	6.35%	NO MAX
1300	Tuscola	4	3	1.92%	2.75%	4.67%	0.13%	4.80%	1.71%	4.80%	6.51%	0.13%	6.64%	1.84%	6.64%	NO MAX
1301	Tye	16	14	4.52%	1.28%	5.80%	0.32%	6.12%	4.49%	1.20%	5.69%	0.35%	6.04%	-0.08%	6.04%	NO MAX
1304	Tyler	710	708	9.45%	11.20%	20.65%	0.44%	21.09%	9.53%	12.05%	21.58%	0.45%	22.03%	0.94%	22.03%	NO MAX
1307	Uhland	5	4	2.81%	10.19%	13.00%	0.20%	13.20%	2.41%	9.99%	12.40%	0.17%	12.57%	-0.63%	12.57%	NO MAX
1305	Universal City	130	138	9.91%	8.92%	18.83%	0.27%	19.10%	10.14%	9.45%	19.59%	0.25%	19.84%	0.74%	19.84%	NO MAX
1306	University Park	221	227	5.90%	2.27%	8.17%	0.00%	8.17%	5.92%	2.67%	8.59%	0.00%	8.59%	0.42%	8.59%	NO MAX
1308	Uvalde	165	157	6.12%	2.68%	8.80%	0.35%	9.15%	6.13%	2.81%	8.94%	0.35%	9.29%	0.14%	9.29%	11.50%
1312	Valley Mills	9	9	2.02%	-0.37%	1.65%	0.17%	1.82%	1.86%	-0.41%	1.45%	0.16%	1.61%	-0.21%	1.61%	NO MAX
1313	Valley View	6	7	5.13%	-0.17%	4.96%	0.21%	5.17%	4.62%	-0.11%	4.51%	0.14%	4.65%	-0.52%	4.65%	NO MAX
1314	Van	25	24	6.97%	-0.67%	6.30%	0.44%	6.74%	7.50%	-0.55%	6.95%	0.50%	7.45%	0.71%	7.45%	12.50%
1316	Van Alstyne	53	58	9.91%	2.95%	12.86%	0.31%	13.17%	9.80%	2.85%	12.65%	0.29%	12.94%	-0.23%	12.94%	13.50%
1318	Van Horn	25	27	4.91%	3.07%	7.98%	0.43%	8.41%	5.14%	3.10%	8.24%	0.45%	8.69%	0.28%	8.69%	9.50%
1320	Vega	5	5	10.53%	10.14%	20.67%	0.48%	21.15%	10.53%	-0.56%	9.97%	0.36%	10.33%	-10.82%	10.33%	NO MAX
1324	Venus	32	43	10.84%	-0.04%	10.80%	0.00%	10.80%	10.79%	-0.10%	10.69%	0.00%	10.69%	-0.11%	10.69%	13.50%
1326	Vernon	86	85	7.49%	4.28%	11.77%	0.56%	12.33%	7.38%	4.92%	12.30%	0.56%	12.86%	0.53%	12.86%	NO MAX
1328	Victoria	560	553	7.72%	8.39%	16.11%	0.43%	16.54%	7.70%	9.57%	17.27%	0.42%	17.69%	1.15%	17.69%	NO MAX
1329	Vidor	70	70	9.58%	4.74%	14.32%	0.48%	14.80%	9.39%	5.74%	15.13%	0.50%	15.63%	0.83%	15.63%	NO MAX
1500	Village Fire Department	47	51	5.24%	0.98%	6.22%	0.26%	6.48%	5.27%	0.84%	6.11%	0.25%	6.36%	-0.12%	6.36%	NO MAX
1327	Village of the Hills	1	1	7.74%	4.40%	12.14%	0.11%	12.25%	7.75%	5.02%	12.77%	0.12%	12.89%	0.64%	12.89%	NO MAX
1325	Von Ormy	N/A	9	5.80%	4.70%	10.50%	0.05%	10.55%	5.85%	3.07%	8.92%	0.10%	9.02%	-1.53%	9.02%	NO MAX
1330	Waco	1,477	1,530	7.73%	5.94%	13.67%	0.00%	13.67%	7.73%	6.19%	13.92%	0.00%	13.92%	0.25%	13.92%	NO MAX
1332	Waelder	20	18	2.34%	-0.29%	2.05%	0.54%	2.59%	2.39%	-0.41%	1.98%	0.30%	2.28%	-0.31%	2.28%	7.50%
1334	Wake Village	22	23	9.83%	4.05%	13.88%	0.72%	14.60%	9.88%	4.20%	14.08%	0.75%	14.83%	0.23%	14.83%	NO MAX
1336	Waller	38	38	8.59%	2.77%	11.36%	0.63%	11.99%	7.71%	2.93%	10.64%	0.54%	11.18%	-0.81%	11.18%	13.50%
1337	Wallis	14	16	3.17%	-0.74%	2.43%	0.39%	2.82%	3.17%	-0.79%	2.38%	0.65%	3.03%	0.21%	3.03%	8.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1338	Walnut Springs	2	3	1.56%	2.47%	4.03%	0.37%	4.40%	1.30%	1.21%	2.51%	0.30%	2.81%	-1.59%	2.81%	NO MAX
1340	Waskom	15	15	9.53%	13.76%	23.29%	0.38%	23.67%	9.85%	14.27%	24.12%	0.39%	24.51%	0.84%	24.51%	NO MAX
1341	Watauga	143	152	10.10%	4.64%	14.74%	0.32%	15.06%	10.63%	5.90%	16.53%	0.31%	16.84%	1.78%	16.84%	NO MAX
1342	Waxahachie	317	321	10.24%	5.65%	15.89%	0.30%	16.19%	10.52%	6.19%	16.71%	0.30%	17.01%	0.82%	17.01%	NO MAX
1344	Weatherford	364	354	9.70%	3.81%	13.51%	0.33%	13.84%	9.87%	4.66%	14.53%	0.30%	14.83%	0.99%	14.83%	NO MAX
1345	Webster	169	174	11.90%	5.18%	17.08%	0.36%	17.44%	12.06%	6.53%	18.59%	0.31%	18.90%	1.46%	18.90%	NO MAX
1346	Weimar	28	28	9.27%	3.87%	13.14%	0.56%	13.70%	9.20%	3.70%	12.90%	0.50%	13.40%	-0.30%	13.40%	NO MAX
1350	Wellington	11	9	4.89%	0.18%	5.07%	0.79%	5.86%	4.88%	-1.66%	3.22%	0.93%	4.15%	-1.71%	4.15%	NO MAX
1352	Wells	8	7	3.94%	-0.58%	3.36%	0.00%	3.36%	4.02%	-0.58%	3.44%	0.00%	3.44%	0.08%	3.44%	7.50%
1354	Weslaco	270	278	4.98%	3.11%	8.09%	0.36%	8.45%	5.02%	3.16%	8.18%	0.37%	8.55%	0.10%	8.55%	NO MAX
1356	West	19	20	5.13%	-0.20%	4.93%	0.44%	5.37%	5.14%	-0.14%	5.00%	0.41%	5.41%	0.04%	5.41%	11.50%
1358	West Columbia	34	33	5.29%	-1.51%	3.78%	0.00%	3.78%	5.38%	-1.50%	3.88%	0.00%	3.88%	0.10%	3.88%	11.50%
1359	West Lake Hills	26	27	11.49%	4.59%	16.08%	0.44%	16.52%	12.94%	5.33%	18.27%	0.48%	18.75%	2.23%	18.75%	NO MAX
1361	West Orange	24	23	9.96%	9.05%	19.01%	0.00%	19.01%	9.98%	8.12%	18.10%	0.00%	18.10%	-0.91%	18.10%	NO MAX
1365	West Tawakoni	10	14	5.45%	-0.40%	5.05%	0.51%	5.56%	5.98%	-0.30%	5.68%	0.47%	6.15%	0.59%	6.15%	NO MAX
1364	West University Place	131	128	8.86%	3.66%	12.52%	0.36%	12.88%	8.63%	3.61%	12.24%	0.39%	12.63%	-0.25%	12.63%	NO MAX
1363	Westlake	48	48	9.25%	2.62%	11.87%	0.21%	12.08%	9.71%	2.33%	12.04%	0.23%	12.27%	0.19%	12.27%	NO MAX
1362	Westover Hills	22	22	5.38%	0.25%	5.63%	0.60%	6.23%	5.59%	0.04%	5.63%	0.57%	6.20%	-0.03%	6.20%	13.50%
1366	Westworth Village	36	37	10.01%	0.39%	10.40%	0.35%	10.75%	9.49%	0.25%	9.74%	0.35%	10.09%	-0.66%	10.09%	13.50%
1368	Wharton	97	93	4.57%	0.37%	4.94%	0.39%	5.33%	4.46%	1.32%	5.78%	0.35%	6.13%	0.80%	6.13%	9.50%
1370	Wheeler	7	6	6.91%	3.47%	10.38%	0.33%	10.71%	6.70%	4.13%	10.83%	0.39%	11.22%	0.51%	11.22%	NO MAX
1372	White Deer	6	5	4.00%	6.59%	10.59%	1.41%	12.00%	3.86%	5.05%	8.91%	1.33%	10.24%	-1.76%	10.24%	NO MAX
1377	White Oak	40	43	11.18%	2.76%	13.94%	0.49%	14.43%	11.33%	4.11%	15.44%	0.47%	15.91%	1.48%	15.91%	NO MAX
1378	White Settlement	120	128	9.42%	7.54%	16.96%	0.32%	17.28%	9.65%	8.42%	18.07%	0.31%	18.38%	1.10%	18.38%	NO MAX
1374	Whiteface	3	3	5.99%	-3.35%	2.64%	1.58%	4.22%	5.97%	-3.63%	2.34%	1.70%	4.04%	-0.18%	4.04%	NO MAX
1375	Whitehouse	48	48	7.38%	0.69%	8.07%	0.34%	8.41%	7.56%	0.02%	7.58%	0.26%	7.84%	-0.57%	7.84%	12.50%
1376	Whitesboro	48	62	5.16%	0.37%	5.53%	0.38%	5.91%	5.25%	0.41%	5.66%	0.32%	5.98%	0.07%	5.98%	9.50%
1380	Whitewright	19	20	3.64%	-0.97%	2.67%	0.36%	3.03%	3.56%	-0.73%	2.83%	0.33%	3.16%	0.13%	3.16%	9.50%
1382	Whitney	19	20	3.37%	-0.29%	3.08%	0.36%	3.44%	3.20%	-0.21%	2.99%	0.45%	3.44%	0.00%	3.44%	7.50%
1384	Wichita Falls	980	992	6.89%	9.29%	16.18%	0.00%	16.18%	6.83%	9.67%	16.50%	0.00%	16.50%	0.32%	16.50%	NO MAX
1386	Willis	40	42	7.86%	0.61%	8.47%	0.39%	8.86%	8.22%	-0.10%	8.12%	0.46%	8.58%	-0.28%	8.58%	13.50%
1387	Willow Park	45	48	6.37%	0.54%	6.91%	0.24%	7.15%	6.48%	0.18%	6.66%	0.24%	6.90%	-0.25%	6.90%	NO MAX
1388	Wills Point	30	26	5.89%	4.54%	10.43%	0.46%	10.89%	5.89%	5.38%	11.27%	0.50%	11.77%	0.88%	11.77%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2022**

CITY NUMBER	CITY NAME	Contributing Members		2023 RATES WITHOUT MAXIMUM OR PHASE-IN					2024 RATES WITHOUT MAXIMUM OR PHASE-IN					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
		LAST YEAR	THIS YEAR	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL	RETIREMENT PLAN			SUPPL DEATH	GRAND TOTAL			
				NORMAL COST	PRIOR SERVICE	TOTAL			NORMAL COST	PRIOR SERVICE	TOTAL					
1390	Wilmer	66	71	5.49%	-0.24%	5.25%	0.18%	5.43%	5.27%	-0.13%	5.14%	0.16%	5.30%	-0.13%	5.30%	13.50%
1392	Wimberley	11	13	4.54%	1.57%	6.11%	0.44%	6.55%	4.68%	0.79%	5.47%	0.21%	5.68%	-0.87%	5.68%	NO MAX
1393	Windcrest	73	76	9.05%	1.55%	10.60%	0.31%	10.91%	9.05%	2.41%	11.46%	0.33%	11.79%	0.88%	11.79%	12.50%
1395	Winfield	2	2	2.90%	-0.38%	2.52%	0.55%	3.07%	2.90%	-0.39%	2.51%	0.61%	3.12%	0.05%	3.12%	NO MAX
1396	Wink	11	11	6.33%	-0.32%	6.01%	0.52%	6.53%	6.27%	-0.35%	5.92%	0.55%	6.47%	-0.06%	6.47%	NO MAX
1398	Winnsboro	38	36	6.33%	2.52%	8.85%	0.39%	9.24%	6.07%	3.24%	9.31%	0.38%	9.69%	0.45%	9.69%	11.50%
1399	Winona	6	5	11.47%	-5.12%	6.35%	0.57%	6.92%	11.67%	-4.98%	6.69%	0.65%	7.34%	0.42%	6.52%	13.50%
1400	Winters	15	16	7.64%	-0.49%	7.15%	1.00%	8.15%	7.55%	0.03%	7.58%	1.00%	8.58%	0.43%	8.58%	11.50%
1403	Wolforth	46	47	6.94%	3.96%	10.90%	0.22%	11.12%	7.10%	3.82%	10.92%	0.25%	11.17%	0.05%	11.17%	NO MAX
1409	Woodcreek	4	3	9.48%	-0.33%	9.15%	0.59%	9.74%	9.11%	-0.57%	8.54%	0.50%	9.04%	-0.70%	9.04%	NO MAX
1404	Woodsboro	10	12	8.11%	-0.62%	7.49%	0.26%	7.75%	8.00%	-0.35%	7.65%	0.21%	7.86%	0.11%	7.86%	11.50%
1406	Woodville	32	33	10.03%	6.76%	16.79%	0.47%	17.26%	10.06%	7.50%	17.56%	0.50%	18.06%	0.80%	18.06%	NO MAX
1407	Woodway	87	88	9.61%	7.62%	17.23%	0.27%	17.50%	9.82%	8.15%	17.97%	0.28%	18.25%	0.75%	18.25%	NO MAX
1408	Wortham	7	8	6.70%	-0.55%	6.15%	0.17%	6.32%	6.70%	-0.43%	6.27%	0.17%	6.44%	0.12%	6.44%	12.50%
1410	Wylie	352	373	10.91%	4.05%	14.96%	0.20%	15.16%	11.08%	4.22%	15.30%	0.19%	15.49%	0.33%	15.49%	NO MAX
1412	Yoakum	86	79	7.66%	9.32%	16.98%	0.49%	17.47%	7.55%	11.77%	19.32%	0.52%	19.84%	2.37%	19.84%	NO MAX
1414	Yorktown	10	10	1.31%	-1.31%	0.00%	0.99%	0.99%	1.14%	-1.14%	0.00%	0.94%	0.94%	-0.05%	0.94%	7.50%
1415	Zavalla	10	9	3.57%	-1.45%	2.12%	0.00%	2.12%	4.04%	-1.85%	2.19%	0.00%	2.19%	0.07%	2.19%	9.50%

## **SECTION 3**

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### **RECONCILIATION OF FULL RETIREMENT RATES FROM PRIOR ACTUARIAL VALUATION REPORT**

## Section 3

### Texas Municipal Retirement System

#### Reconciliation of Full Retirement Rates from Prior Actuarial Valuation Report

Actuarial valuations are based on long-term assumptions, and results in a specific year can, and almost certainly will, differ as actual plan experience deviates from the assumptions. The table at the end of this section provides a detailed breakdown of changes in each city's Full Retirement Rate (ADEC) from 2023 to 2024. A brief description of such changes is below.

**Benefit Changes** - Shows the increase or decrease in the contribution rate associated with any plan changes.

**Assumption & Method Changes** - Shows the increase or decrease in the contribution rate associated with actuarial assumption and method changes made, if any, as of the current valuation date and approved by the Board of Trustees.

**Return on Actuarial Value of Assets (AVA)** - Shows the change in the contribution rate associated with the return on the AVA being different than the assumed 6.75%. For the year ending December 31, 2022 the System-wide return on an AVA basis was 5.93%, but the returns will vary by city.

**Contributions & Fully Amortized Prior Bases** - Shows the total increase or decrease in the contribution rate associated with contributions different than the Full Retirement Rate, the contribution lag (see below), and the impact of the amortization bases which become fully amortized as of this valuation since payments for those bases are no longer part of the Prior Service Rate calculation. Contributions different from the Full Retirement Rate may include phase-in contributions, contributions in excess of the Full Retirement Rate, and/or lump sum contributions. The effect of the contribution lag refers to the time delay between the actuarial valuation date and the date the contribution rate becomes effective (i.e., the Actuarial Valuation as of December 31, 2022 sets the rate effective for 2024). This impact is expected to become immaterial once a city is contributing the Full Retirement Rate and the Full Retirement Rate stabilizes.

**Payroll Growth** - Shows the increase or decrease in the contribution rate associated with higher or lower than expected growth in the participating city's overall payroll. The amortization payments are calculated assuming payroll grows at a city's assumed rate each year. For most cities, the assumed payroll growth is 2.75%. Overall payroll growth greater (less) than the assumed rate will typically cause a decrease (increase) in the Prior Service Rate.

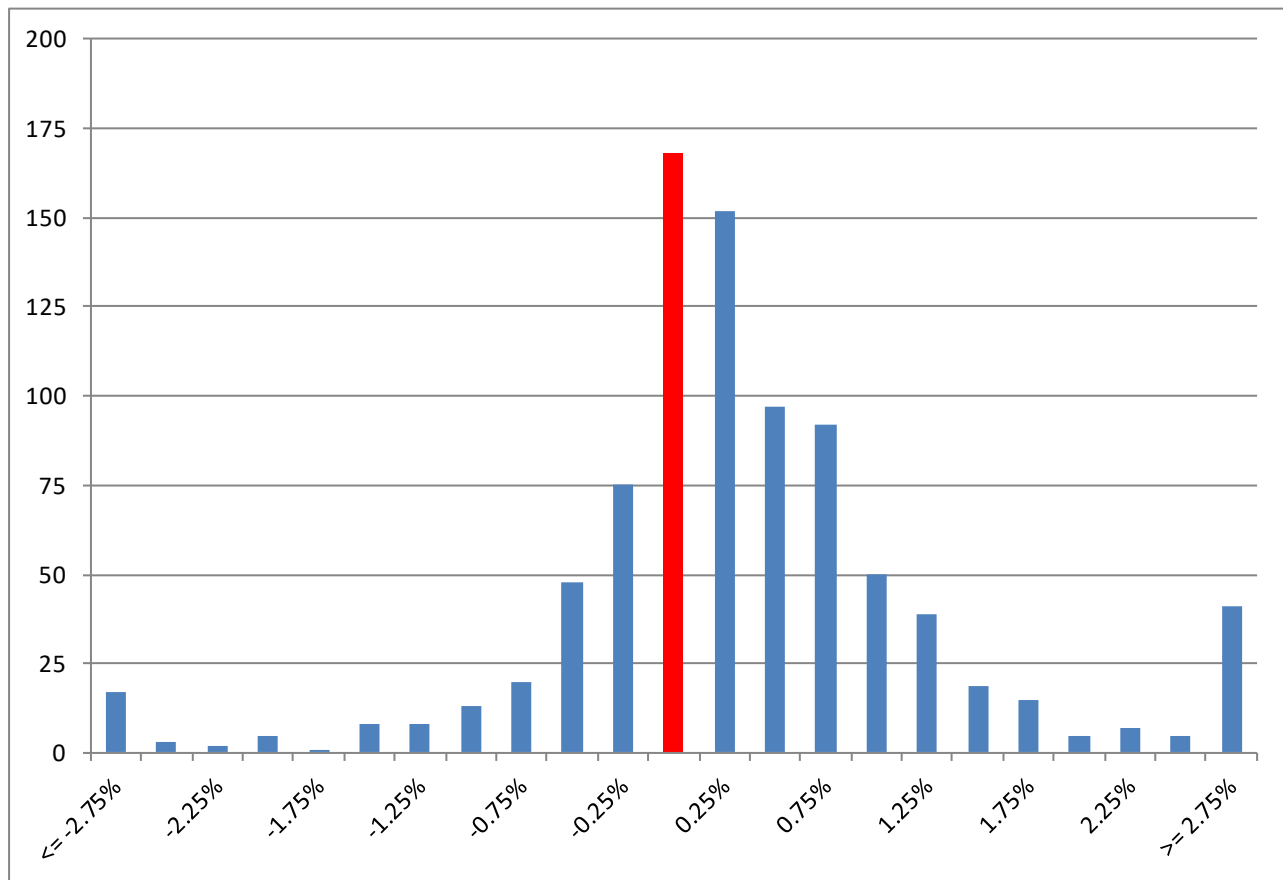
**Normal Cost** - Shows the increase or decrease in the contribution rate associated with changes in the average Normal Cost Rate for the individual city's active Members. The Normal Cost Rate for a Member is the contribution rate which, if applied to a Member's compensation throughout their period of anticipated covered service with the city, would be sufficient to meet all benefits payable on their behalf. The employer Normal Cost Rate is the pay-weighted average of the individual Normal Cost Rates less the Member Contribution Rate and will generally increase (decrease) as the average entry age of the group increases (decreases).

**Liability Growth** - Shows the increase or decrease in the contribution rate associated with larger or lower than expected growth in the city's overall plan liabilities than assumed. The most significant sources for variance will be turnover and individual salary increases differing from assumptions.



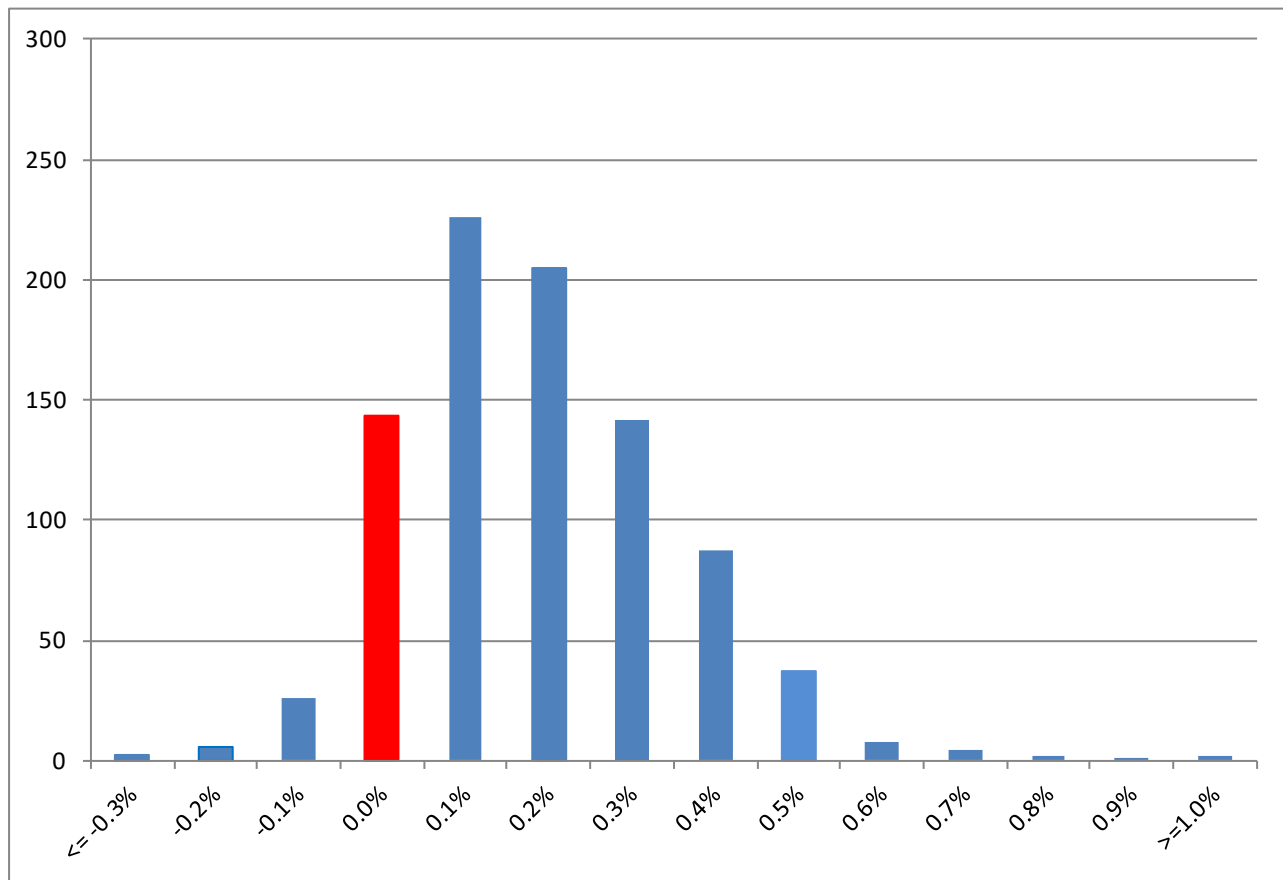
## Distribution of Changes

### Total Changes in Full Retirement Rate



## Distribution of Changes

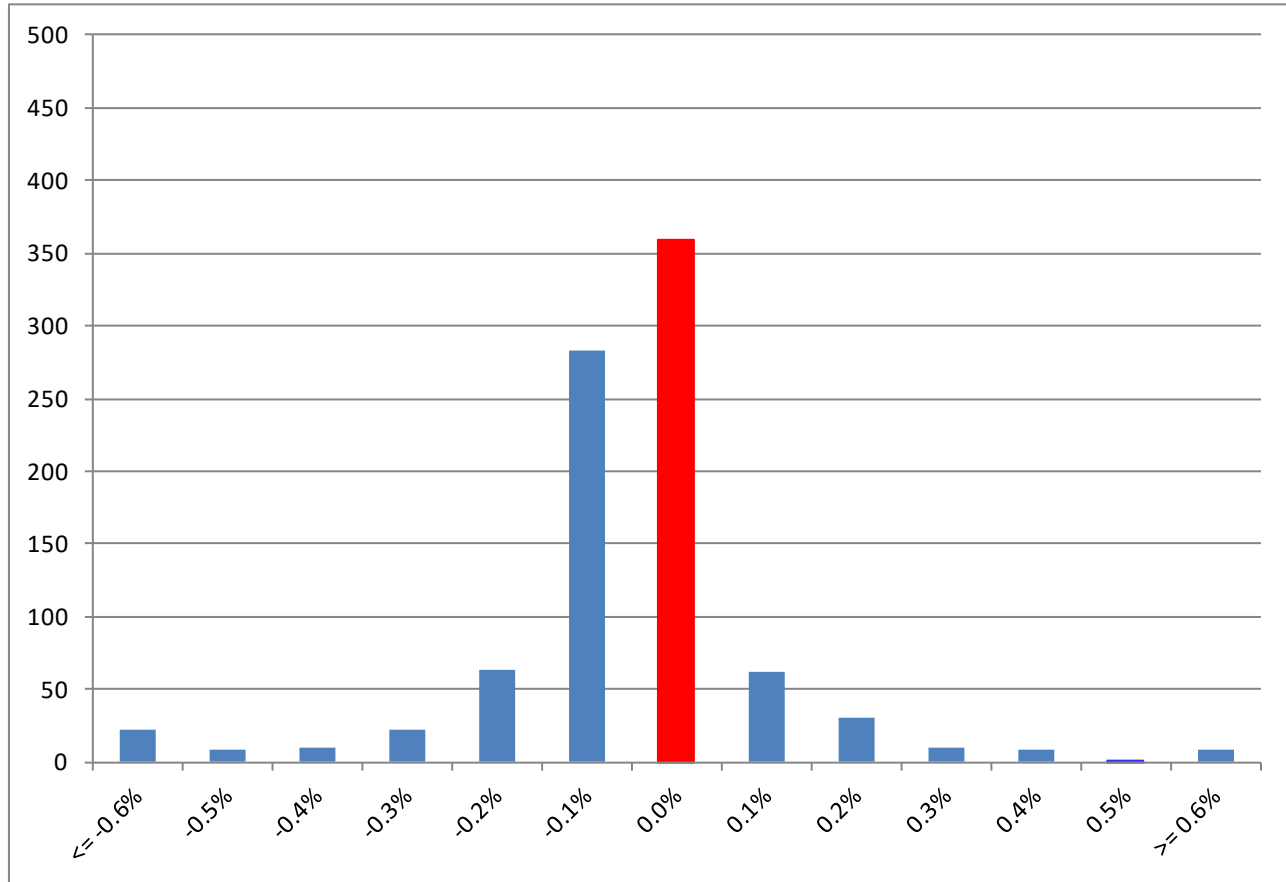
### Change Due to Return on Actuarial Value of Assets





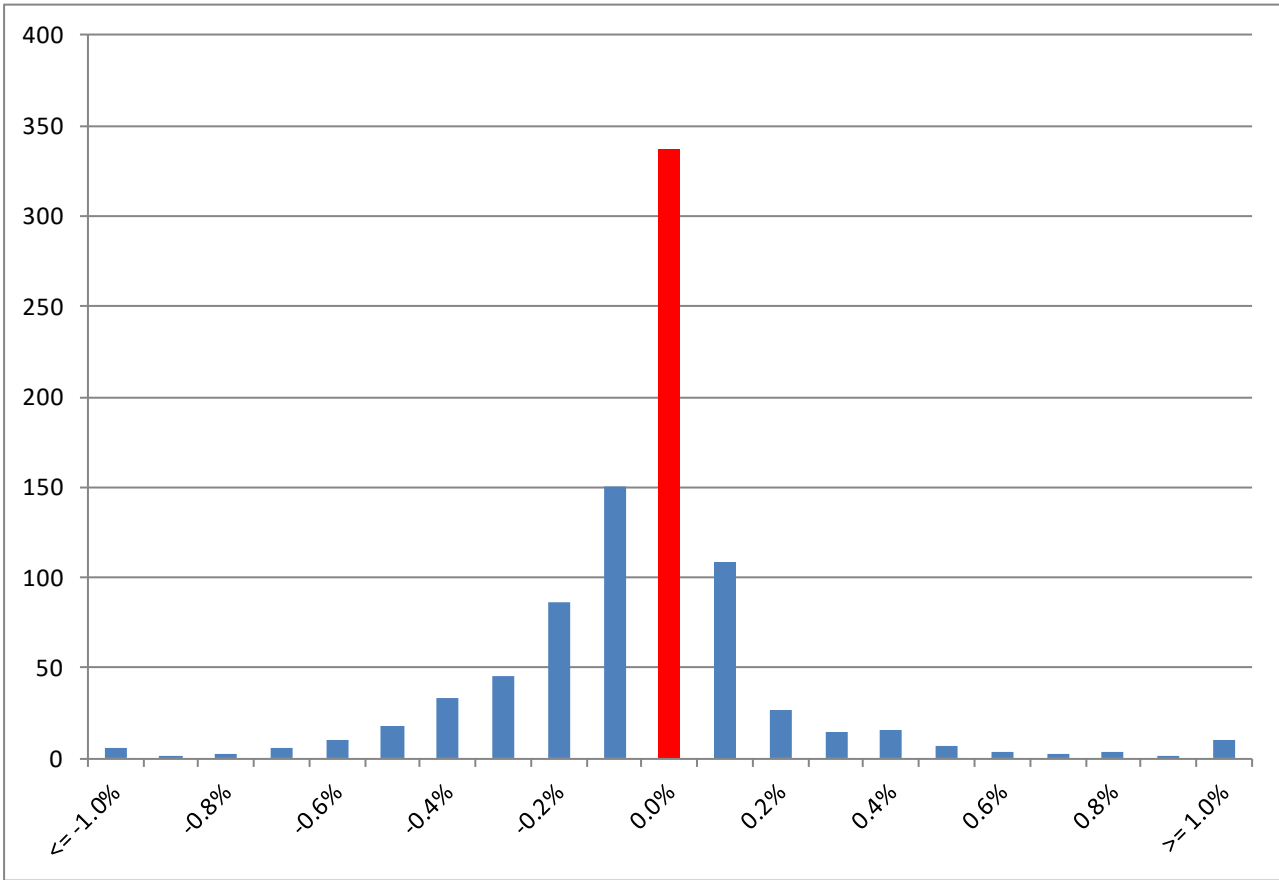
## Distribution of Changes

### Change Due to Contributions Different than Actuarial Rate and/or Fully Amortized Prior Bases



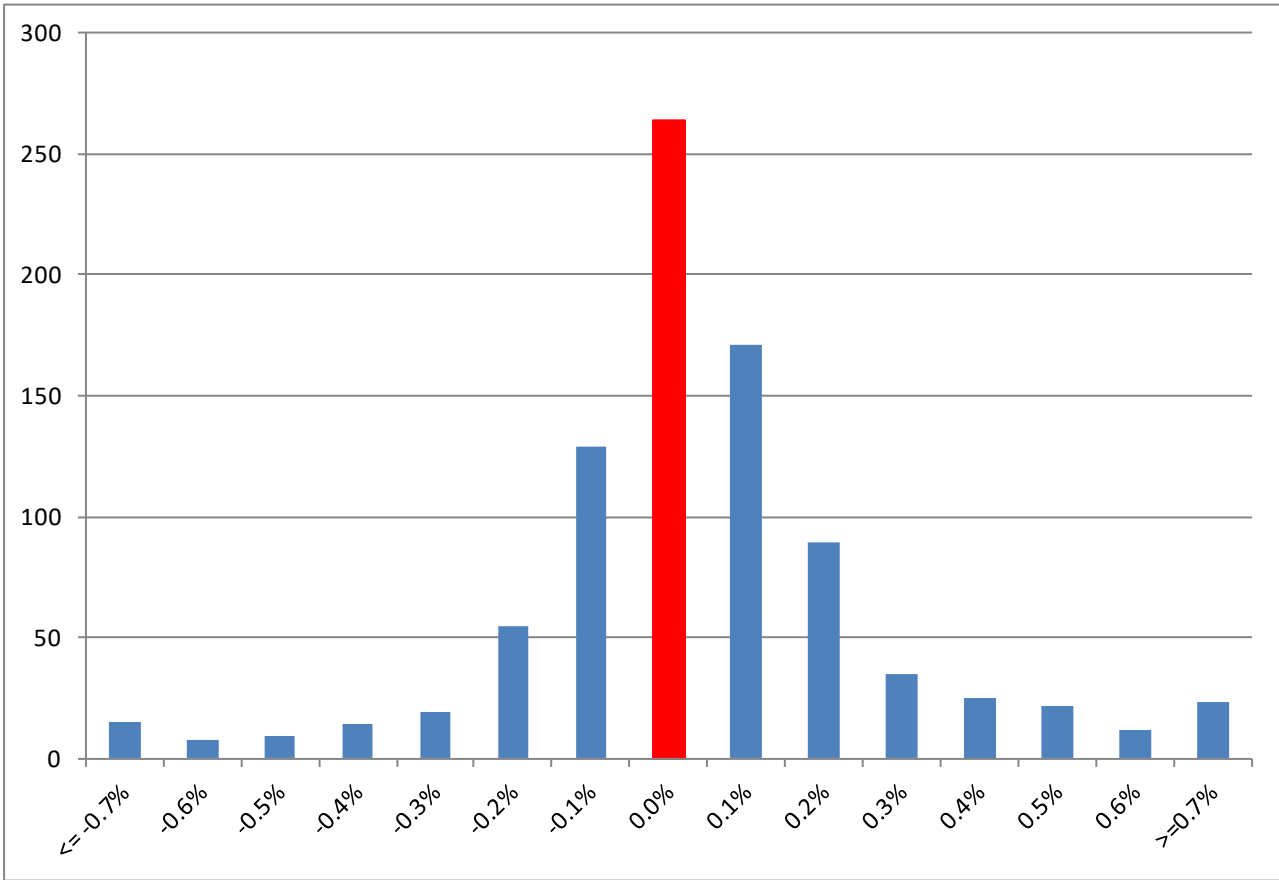
# Distribution of Changes

## Change Due to Payroll Growing Faster or Slower than Expected



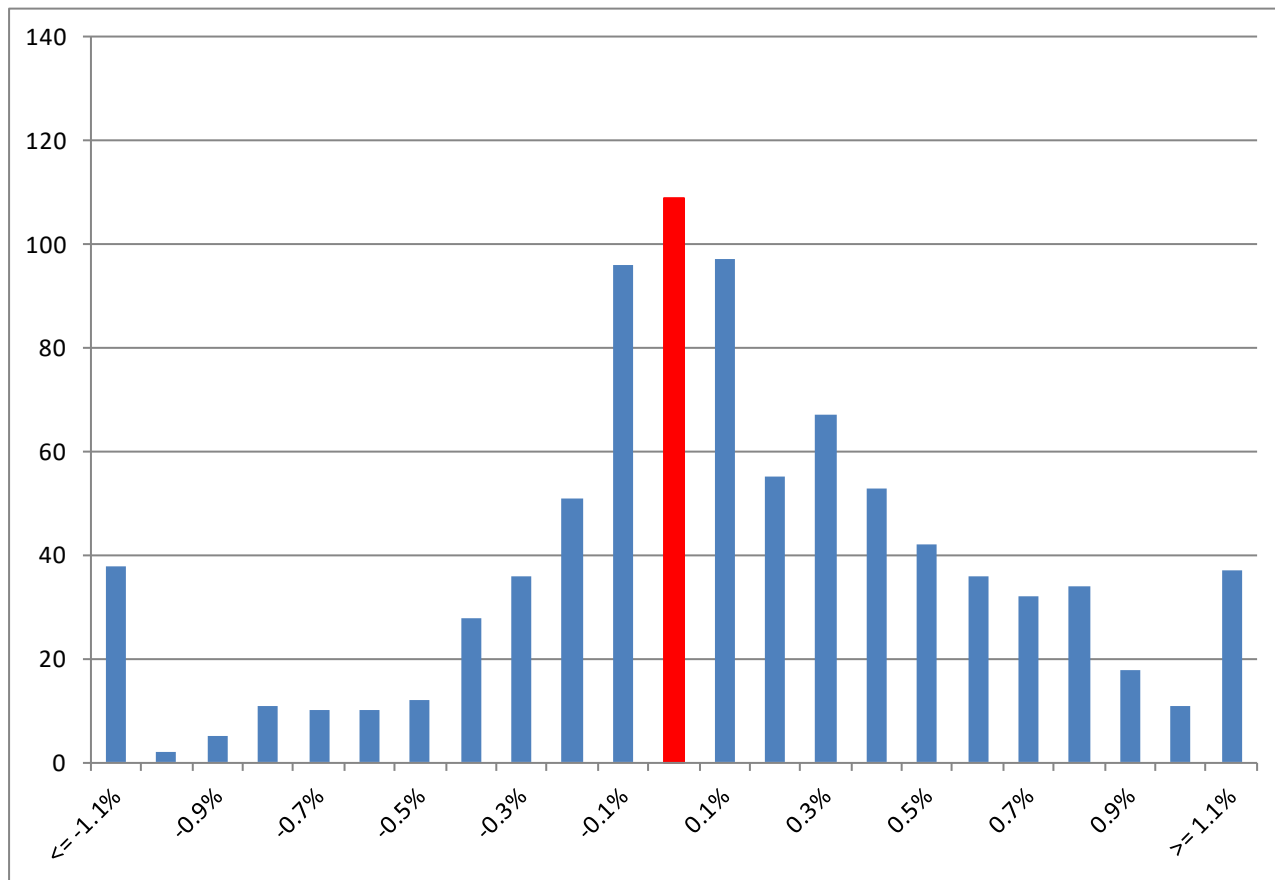
# Distribution of Changes

## Change Normal Cost Rate



## Distribution of Changes

### Change Due to Liability Experience



**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
4	Abernathy	3.71%	0.00%	0.00%	0.13%	-0.04%	-0.11%	-0.07%	-0.05%	-0.14%	3.57%
6	Abilene	10.08%	0.00%	0.00%	0.38%	-0.09%	-0.08%	0.06%	-0.10%	0.17%	10.25%
7	Addison	11.31%	4.78%	0.00%	0.38%	0.31%	-0.10%	0.06%	0.21%	5.64%	16.95%
8	Agua Dulce	9.15%	0.00%	0.00%	-0.07%	0.10%	0.40%	-0.01%	0.01%	0.43%	9.58%
10	Alamo	5.92%	0.00%	0.00%	0.10%	-0.06%	-0.05%	-0.09%	0.18%	0.08%	6.00%
12	Alamo Heights	16.21%	0.00%	0.00%	0.24%	-0.03%	-0.01%	0.10%	0.33%	0.63%	16.84%
14	Alba	13.52%	0.00%	0.00%	0.03%	-0.12%	-0.56%	-0.13%	0.33%	-0.45%	13.07%
16	Albany	4.45%	0.00%	0.00%	0.12%	0.03%	0.13%	-0.05%	-0.01%	0.22%	4.67%
17	Aledo	13.69%	0.00%	0.00%	0.04%	-0.60%	-0.16%	-0.10%	-1.90%	-2.72%	10.97%
18	Alice	4.10%	0.00%	0.00%	0.31%	-0.02%	0.02%	0.09%	0.02%	0.42%	4.52%
19	Allen	14.46%	0.00%	0.00%	0.18%	-0.12%	-0.03%	0.04%	0.66%	0.73%	15.19%
20	Alpine	1.65%	0.00%	0.00%	0.15%	-0.02%	-0.10%	0.25%	-0.16%	0.12%	1.77%
22	Alto	9.79%	0.00%	0.00%	0.09%	-0.14%	0.03%	1.06%	0.21%	1.25%	11.04%
23	Alton	11.34%	0.00%	0.00%	0.04%	-0.08%	-0.13%	0.24%	0.28%	0.35%	11.69%
24	Alvarado	5.22%	0.96%	0.00%	0.04%	-0.02%	-0.07%	0.26%	0.11%	1.28%	6.50%
26	Alvin	16.95%	0.00%	0.00%	0.31%	-0.04%	-0.19%	0.04%	0.35%	0.47%	17.42%
28	Alvord	5.58%	0.00%	0.00%	0.12%	-0.01%	-0.01%	-0.28%	-0.39%	-0.57%	5.01%
30	Amarillo	11.00%	0.00%	0.00%	0.36%	-0.09%	0.03%	0.01%	-0.01%	0.30%	11.30%
32	Amherst	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
34	Anahuac	7.31%	0.00%	0.00%	0.10%	0.03%	-0.07%	0.26%	-0.17%	0.15%	7.46%
36	Andrews	15.98%	0.00%	0.00%	0.29%	-0.08%	-0.28%	0.01%	0.16%	0.10%	16.08%
38	Angleton	11.06%	0.00%	0.00%	0.20%	-0.11%	-0.21%	0.23%	0.66%	0.77%	11.83%
40	Anna	14.07%	0.00%	0.00%	-0.04%	-0.25%	-0.38%	-0.01%	0.86%	0.18%	14.25%
41	Annetta	10.04%	0.00%	0.00%	-0.31%	-1.74%	-0.19%	-0.96%	1.20%	-2.00%	8.04%
44	Anson	1.46%	0.00%	0.00%	0.09%	0.00%	-0.02%	0.13%	-0.11%	0.09%	1.55%
45	Anthony	2.65%	7.92%	0.00%	0.05%	0.53%	-0.19%	-0.30%	-0.37%	7.64%	10.29%
48	Aransas Pass	9.40%	0.00%	0.00%	0.13%	-0.04%	-0.08%	0.21%	0.44%	0.66%	10.06%
50	Archer City	3.43%	1.62%	0.00%	0.10%	0.10%	-0.01%	0.23%	-0.53%	1.51%	4.94%
49	Arcola	3.38%	0.00%	0.00%	-0.04%	-0.13%	-0.16%	0.05%	-0.14%	-0.42%	2.96%
51	Argyle	10.37%	0.00%	0.00%	0.13%	-0.27%	0.00%	-0.10%	0.29%	0.05%	10.42%
52	Arlington	9.65%	0.00%	0.00%	0.49%	-0.06%	-0.04%	0.03%	0.67%	1.09%	10.74%
54	Arp	6.26%	3.76%	0.00%	0.05%	0.05%	-0.21%	-0.18%	0.44%	3.91%	10.17%
60	Aspermont	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
62	Athens	16.17%	0.00%	0.00%	0.26%	-0.01%	-0.05%	0.12%	0.41%	0.73%	16.90%
64	Atlanta	5.86%	0.00%	0.00%	0.15%	-0.10%	0.02%	-0.13%	0.38%	0.32%	6.18%
66	Aubrey	5.83%	0.00%	0.00%	0.00%	-0.17%	0.03%	-0.06%	0.00%	-0.20%	5.63%
74	Avinger	2.38%	0.00%	0.00%	0.11%	0.07%	-0.51%	-0.04%	-0.23%	-0.60%	1.78%
75	Azle	12.82%	4.05%	0.00%	0.15%	0.24%	-0.33%	0.06%	0.50%	4.67%	17.49%
77	Baird	1.00%	0.00%	0.00%	0.15%	0.01%	-0.16%	0.31%	-0.41%	-0.10%	0.90%
78	Balch Springs	14.11%	0.00%	0.00%	0.19%	0.04%	0.05%	0.21%	0.51%	1.00%	15.11%
79	Balcones Heights	10.73%	0.00%	0.00%	0.39%	-0.05%	-0.04%	0.17%	-0.29%	0.18%	10.91%
80	Ballinger	17.73%	0.00%	0.00%	0.22%	-0.09%	-0.98%	0.16%	0.58%	-0.11%	17.62%
82	Balmorhea	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	Bandera	9.94%	0.00%	0.00%	0.17%	-0.12%	0.00%	-0.60%	0.25%	-0.30%	9.64%
84	Bangs	8.98%	0.00%	0.00%	0.27%	-0.04%	-0.01%	0.95%	0.06%	1.23%	10.21%
90	Bartlett	7.31%	0.00%	0.00%	0.06%	-0.03%	0.00%	0.04%	0.28%	0.35%	7.66%
91	Bartonville	15.74%	0.00%	0.00%	0.06%	-0.26%	-1.53%	-0.10%	-0.24%	-2.07%	13.67%
92	Bastrop	11.57%	0.00%	0.00%	-0.03%	-1.68%	-0.09%	-0.01%	0.19%	-1.62%	9.95%
94	Bay City	9.43%	0.00%	0.00%	0.30%	-0.02%	-0.08%	-0.02%	0.33%	0.51%	9.94%
93	Bayou Vista	2.61%	0.00%	0.00%	0.06%	0.00%	0.02%	0.32%	-0.01%	0.39%	3.00%
96	Baytown	17.56%	0.00%	0.00%	0.28%	-0.02%	-0.11%	-0.02%	0.93%	1.06%	18.62%
98	Beaumont	19.47%	0.00%	0.00%	0.48%	0.04%	0.04%	0.03%	0.98%	1.57%	21.04%
100	Bedford	16.80%	0.00%	0.00%	0.01%	-0.03%	-0.01%	0.16%	0.07%	0.20%	17.00%
101	Bee Cave	9.58%	0.00%	0.00%	0.04%	-0.04%	-0.06%	0.09%	0.10%	0.13%	9.71%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
102	Beeville	1.16%	0.00%	0.00%	0.23%	-0.01%	-0.01%	0.09%	-0.22%	0.08%	1.24%
106	Bellaire	20.26%	0.00%	0.00%	0.46%	0.07%	0.44%	-0.18%	1.07%	1.86%	22.12%
109	Bellmead	8.24%	2.74%	0.00%	0.23%	0.11%	-0.01%	0.64%	0.13%	3.84%	12.08%
110	Bells	3.70%	0.00%	0.00%	0.06%	-0.03%	0.08%	0.38%	-0.05%	0.44%	4.14%
112	Bellville	16.96%	0.00%	0.00%	0.28%	0.04%	0.04%	0.08%	0.12%	0.56%	17.52%
114	Belton	10.16%	0.00%	0.00%	0.13%	-0.10%	-0.16%	0.13%	0.54%	0.54%	10.70%
118	Benbrook	16.05%	0.00%	0.00%	0.34%	0.03%	0.14%	0.07%	0.44%	1.02%	17.07%
121	Berryville	2.97%	0.00%	0.00%	0.11%	0.00%	-0.04%	-0.44%	-0.18%	-0.55%	2.42%
123	Bertram	4.49%	0.00%	0.00%	0.02%	-0.05%	0.02%	-0.06%	0.02%	-0.05%	4.44%
124	Big Lake	18.65%	0.00%	0.00%	0.18%	0.01%	-0.02%	0.00%	1.02%	1.19%	19.84%
126	Big Sandy	3.11%	3.22%	0.00%	0.30%	0.34%	0.07%	0.05%	-0.62%	3.36%	6.47%
128	Big Spring	17.87%	0.00%	0.00%	0.37%	0.00%	-0.31%	0.03%	0.52%	0.61%	18.48%
132	Bishop	2.93%	0.00%	0.00%	0.30%	0.00%	0.01%	0.18%	0.27%	0.76%	3.69%
134	Blanco	6.55%	0.00%	0.00%	0.01%	0.04%	-0.10%	0.03%	-0.47%	-0.49%	6.06%
140	Blooming Grove	11.36%	0.00%	0.00%	0.21%	0.08%	0.69%	-0.14%	0.44%	1.28%	12.64%
142	Blossom	4.89%	0.00%	0.00%	0.26%	-0.15%	0.03%	-0.02%	-0.18%	-0.06%	4.83%
143	Blue Mound	4.25%	1.90%	0.00%	0.02%	0.11%	-0.01%	-0.33%	-0.33%	1.36%	5.61%
144	Blue Ridge	2.22%	0.00%	0.00%	0.00%	0.00%	0.02%	-0.44%	-0.03%	-0.45%	1.77%
148	Boerne	18.63%	0.00%	0.00%	0.15%	-0.01%	-0.16%	-0.06%	0.68%	0.60%	19.23%
150	Bogata	0.16%	0.00%	0.00%	0.09%	-0.01%	-0.16%	-0.10%	0.02%	-0.16%	0.00%
152	Bonham	9.49%	0.00%	0.00%	0.18%	-0.05%	-0.04%	0.04%	-0.42%	-0.29%	9.20%
154	Booker	6.08%	0.00%	0.00%	0.11%	0.01%	0.01%	-0.11%	0.38%	0.40%	6.48%
156	Borger	12.78%	0.69%	0.00%	0.38%	0.02%	0.05%	-0.09%	1.39%	2.44%	15.22%
158	Bovina	0.30%	0.00%	0.00%	0.08%	0.00%	-0.03%	0.16%	0.01%	0.22%	0.52%
160	Bowie	9.15%	0.00%	0.00%	0.28%	-0.05%	-0.07%	-0.01%	0.23%	0.38%	9.53%
162	Boyd	3.89%	0.00%	0.00%	0.09%	-0.04%	0.02%	-0.68%	-0.12%	-0.73%	3.16%
166	Brady	9.33%	0.00%	0.00%	0.12%	0.00%	0.00%	-0.02%	0.12%	0.22%	9.55%
170	Brazoria	6.02%	0.00%	0.00%	0.28%	-0.01%	0.03%	0.17%	-1.35%	-0.88%	5.14%
172	Breckenridge	6.04%	0.00%	0.00%	0.30%	-0.30%	-0.07%	0.05%	0.38%	0.36%	6.40%
174	Bremond	16.54%	0.00%	0.00%	0.38%	-3.30%	-0.44%	0.08%	-0.40%	-3.68%	12.86%
176	Brenham	17.11%	0.00%	0.00%	0.23%	0.01%	-0.10%	0.11%	0.37%	0.62%	17.73%
177	Bridge City	17.29%	0.00%	0.00%	0.38%	0.23%	-0.10%	0.72%	1.40%	2.63%	19.92%
178	Bridgeport	13.01%	0.00%	0.00%	0.17%	-0.19%	-0.44%	0.71%	1.01%	1.26%	14.27%
180	Bronte	8.73%	0.00%	0.00%	0.18%	-0.32%	-0.44%	-0.04%	0.56%	-0.06%	8.67%
182	Brookshire	9.39%	0.00%	0.00%	0.16%	-0.04%	-0.04%	0.19%	-0.68%	-0.41%	8.98%
184	Brownfield	2.22%	0.00%	0.00%	0.37%	-0.58%	0.04%	-0.08%	-0.26%	-0.51%	1.71%
186	Brownsboro	11.76%	0.00%	0.00%	-0.01%	-0.23%	-0.50%	0.25%	0.01%	-0.48%	11.28%
10188	Brownsville	17.14%	0.00%	0.00%	0.39%	-0.02%	-0.11%	0.00%	0.70%	0.96%	18.10%
20188	Brownsville PUB	17.24%	0.00%	0.00%	0.35%	-0.04%	-0.08%	0.04%	0.84%	1.11%	18.35%
10190	Brownwood	13.44%	0.00%	0.00%	0.32%	0.02%	-0.02%	-0.01%	0.71%	1.02%	14.46%
30190	Brownwood Health Dept.	10.59%	0.00%	0.00%	0.10%	-0.39%	-0.55%	-0.24%	0.10%	-0.98%	9.61%
20190	Brownwood Public Library	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
195	Bruceville-Eddy	4.34%	0.00%	0.00%	0.13%	-0.10%	0.08%	0.40%	-0.09%	0.42%	4.76%
192	Bryan	8.85%	0.00%	0.00%	0.40%	-0.06%	-0.02%	-0.08%	0.37%	0.61%	9.46%
193	Bryson	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
194	Buda	14.17%	0.00%	0.00%	0.03%	-0.12%	-0.14%	-1.12%	-0.02%	-1.37%	12.80%
196	Buffalo	3.90%	0.06%	0.00%	0.24%	-0.05%	0.05%	-0.25%	-0.07%	-0.02%	3.88%
198	Bullard	12.64%	0.00%	0.00%	0.03%	-0.06%	-0.08%	-0.09%	0.34%	0.14%	12.78%
203	Bulverde	9.00%	0.00%	0.00%	0.06%	-0.07%	-0.03%	0.17%	-0.06%	0.07%	9.07%
199	Bunker Hill Village	9.92%	0.18%	0.00%	0.43%	-0.08%	-0.04%	0.11%	0.45%	1.05%	10.97%
200	Burkburnett	10.38%	0.00%	0.00%	0.29%	-0.08%	-0.03%	0.38%	-0.20%	0.36%	10.74%
202	Burleson	16.97%	0.00%	0.00%	0.17%	-0.12%	-0.56%	0.15%	0.83%	0.47%	17.44%
204	Burnet	12.65%	0.00%	0.00%	0.19%	-0.17%	-0.32%	-0.22%	0.39%	-0.13%	12.52%
205	Byers	6.96%	0.00%	0.00%	-0.13%	0.16%	0.21%	-0.46%	-0.17%	-0.39%	6.57%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
207	Cactus	9.59%	0.00%	0.00%	-0.02%	-0.04%	-0.06%	-0.07%	0.13%	-0.06%	9.53%
208	Caddo Mills	5.63%	0.00%	0.00%	-0.02%	-0.17%	-0.05%	0.19%	0.14%	0.09%	5.72%
210	Caldwell	6.97%	0.61%	0.00%	0.30%	-0.01%	-0.06%	-0.03%	-0.13%	0.68%	7.65%
211	Callisburg	7.27%	0.00%	0.00%	-0.17%	0.18%	0.05%	0.00%	-0.08%	-0.02%	7.25%
212	Calvert	15.93%	0.00%	0.00%	0.06%	0.32%	0.14%	-0.83%	-1.80%	-2.11%	13.82%
214	Cameron	7.93%	3.24%	0.00%	0.15%	0.17%	0.01%	0.71%	-0.16%	4.12%	12.05%
216	Campbell	41.87%	0.00%	0.00%	-0.64%	7.00%	1.06%	-0.22%	-25.96%	-18.76%	23.11%
220	Canadian	18.36%	0.00%	0.00%	0.22%	0.01%	-0.01%	0.01%	0.91%	1.14%	19.50%
221	Caney City	1.52%	0.00%	0.00%	0.02%	-0.02%	-0.01%	0.70%	-0.04%	0.65%	2.17%
222	Canton	10.54%	0.00%	0.00%	0.13%	-0.48%	-0.40%	0.39%	1.11%	0.75%	11.29%
224	Canyon	13.56%	0.00%	0.00%	0.30%	-0.06%	-0.25%	-0.09%	0.34%	0.24%	13.80%
227	Carmine	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
228	Carrizo Springs	4.29%	0.00%	0.00%	0.19%	-0.07%	0.00%	-0.12%	0.09%	0.09%	4.38%
230	Carrollton	10.84%	0.00%	0.00%	0.49%	-0.07%	0.03%	-0.05%	0.38%	0.78%	11.62%
232	Carthage	19.65%	0.00%	0.00%	0.47%	0.09%	-0.14%	0.08%	1.33%	1.83%	21.48%
231	Castle Hills	12.20%	0.00%	0.00%	0.32%	-0.04%	0.16%	0.03%	0.18%	0.65%	12.85%
234	Castroville	8.67%	0.00%	0.00%	0.13%	-0.12%	-0.14%	-0.25%	0.18%	-0.20%	8.47%
238	Cedar Hill	14.80%	0.00%	0.00%	0.24%	0.01%	-0.05%	-0.05%	0.67%	0.82%	15.62%
239	Cedar Park	14.78%	2.07%	0.00%	0.09%	0.08%	-0.24%	0.10%	0.42%	2.52%	17.30%
240	Celeste	3.57%	0.00%	0.00%	0.00%	0.00%	0.12%	0.02%	-1.25%	-1.11%	2.46%
242	Celina	6.29%	5.18%	0.00%	-0.02%	0.26%	-0.40%	0.11%	0.51%	5.64%	11.93%
244	Center	10.71%	0.00%	0.00%	0.21%	-0.05%	0.01%	0.08%	0.18%	0.43%	11.14%
246	Centerville	15.32%	0.00%	0.00%	0.73%	-1.36%	-0.27%	0.07%	-1.58%	-2.41%	12.91%
247	Chandler	7.24%	2.18%	0.00%	0.00%	0.11%	-0.20%	0.20%	-0.41%	1.88%	9.12%
248	Charlotte	2.83%	0.00%	0.00%	0.08%	-0.16%	0.75%	-0.16%	0.07%	0.58%	3.41%
249	Chester	0.00%	0.00%	0.00%	0.82%	0.00%	-0.82%	0.00%	0.00%	0.00%	0.00%
245	Chico	4.29%	0.00%	0.00%	0.31%	0.00%	-0.08%	0.08%	0.45%	0.76%	5.05%
250	Childress	16.97%	0.00%	0.00%	0.22%	-0.11%	-0.69%	0.07%	0.30%	-0.21%	16.76%
251	Chillicothe	3.67%	0.00%	0.00%	-0.05%	-1.04%	0.00%	0.10%	-0.89%	-1.88%	1.79%
253	Chireno	21.54%	0.00%	0.00%	0.37%	-0.28%	-1.49%	0.66%	1.09%	0.35%	21.89%
254	Christine	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
255	Cibolo	11.56%	0.00%	0.00%	0.05%	-0.16%	-0.16%	0.76%	0.70%	1.19%	12.75%
256	Cisco	7.19%	0.00%	0.00%	0.20%	0.03%	0.00%	0.19%	-0.12%	0.30%	7.49%
258	Clarendon	1.19%	0.00%	0.00%	0.16%	-0.01%	-0.04%	-0.33%	-0.07%	-0.29%	0.90%
259	Clarksville	2.00%	0.00%	0.00%	0.33%	-0.08%	-0.55%	0.54%	-0.02%	0.22%	2.22%
260	Clarksville City	3.78%	0.00%	0.00%	0.54%	0.01%	0.01%	0.15%	-0.68%	0.03%	3.81%
263	Clear Lake Shores	10.82%	0.00%	0.00%	0.07%	0.05%	0.05%	-0.62%	-1.07%	-1.52%	9.30%
264	Cleburne	15.80%	0.00%	0.00%	0.36%	-0.03%	0.01%	0.09%	0.76%	1.19%	16.99%
266	Cleveland	10.59%	0.00%	0.00%	0.20%	-0.05%	-0.22%	-0.12%	-0.36%	-0.55%	10.04%
268	Clifton	1.27%	5.11%	0.00%	0.15%	0.33%	-0.08%	0.17%	-0.08%	5.60%	6.87%
271	Clute	10.02%	0.00%	0.00%	0.28%	-0.05%	-0.02%	0.09%	0.10%	0.40%	10.42%
272	Clyde	13.63%	0.00%	0.00%	0.12%	-0.10%	-0.32%	0.07%	0.14%	-0.09%	13.54%
274	Coahoma	6.26%	0.00%	0.00%	0.21%	0.00%	0.00%	0.00%	-0.18%	0.03%	6.29%
276	Cockrell Hill	9.23%	0.00%	0.00%	0.24%	-0.04%	0.03%	-0.53%	-0.04%	-0.34%	8.89%
278	Coleman	17.80%	0.00%	0.00%	0.42%	0.02%	0.17%	-0.13%	0.61%	1.09%	18.89%
280	College Station	12.65%	0.00%	0.00%	0.27%	-0.28%	-0.09%	-0.02%	0.52%	0.40%	13.05%
281	Colleyville	9.98%	0.00%	0.00%	0.26%	-0.01%	-0.01%	0.10%	-0.10%	0.24%	10.22%
282	Collinsville	6.56%	0.00%	0.00%	0.07%	-0.24%	0.00%	-1.12%	-0.23%	-1.52%	5.04%
283	Colmesneil	8.18%	0.00%	0.00%	0.14%	-0.05%	0.47%	-0.08%	0.00%	0.48%	8.66%
284	Colorado City	6.89%	0.00%	0.00%	0.29%	0.01%	-0.04%	0.05%	-0.13%	0.18%	7.07%
286	Columbus	9.65%	0.00%	0.00%	0.30%	-0.16%	0.04%	0.12%	0.45%	0.75%	10.40%
288	Comanche	4.68%	5.97%	0.00%	0.18%	0.44%	0.05%	-0.25%	-0.16%	6.23%	10.91%
289	Combes	6.19%	0.00%	0.00%	-0.03%	-0.13%	-0.72%	0.01%	0.10%	-0.77%	5.42%
290	Commerce	8.24%	0.00%	0.00%	0.26%	-0.27%	-0.31%	-0.12%	1.10%	0.66%	8.90%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
294	Conroe	16.26%	0.00%	0.00%	0.19%	-0.11%	-0.36%	-0.01%	0.98%	0.69%	16.95%
295	Converse	14.27%	0.00%	0.00%	0.14%	-0.02%	-0.13%	-0.54%	0.12%	-0.43%	13.84%
298	Cooper	5.76%	0.00%	0.00%	0.35%	-0.21%	0.15%	0.09%	-0.04%	0.34%	6.10%
299	Coppell	16.55%	0.00%	0.00%	0.34%	0.09%	0.25%	0.12%	0.44%	1.24%	17.79%
297	Copper Canyon	9.72%	0.00%	0.00%	0.04%	-0.73%	0.00%	0.45%	-0.35%	-0.59%	9.13%
300	Copperas Cove	12.66%	0.00%	0.00%	0.28%	-0.03%	0.07%	-0.09%	0.85%	1.08%	13.74%
301	Corinth	15.03%	0.00%	0.00%	0.17%	-0.05%	-0.09%	-0.48%	0.43%	-0.02%	15.01%
302	Corpus Christi	16.55%	0.00%	0.00%	0.37%	-0.14%	-0.52%	0.00%	0.31%	0.02%	16.57%
304	Corrigan	3.53%	0.00%	0.00%	0.09%	-0.04%	0.00%	-0.06%	-0.17%	-0.18%	3.35%
306	Corsicana	14.16%	0.00%	0.00%	0.45%	-0.04%	0.29%	0.14%	0.55%	1.39%	15.55%
307	Cottonwood Shores	5.74%	0.00%	0.00%	-0.07%	-0.07%	-0.22%	0.03%	0.09%	-0.24%	5.50%
308	Cotulla	5.89%	0.00%	0.00%	0.06%	0.01%	0.05%	0.02%	-0.23%	-0.09%	5.80%
310	Crandall	10.15%	0.00%	0.00%	0.12%	-0.23%	-0.08%	-0.13%	0.47%	0.15%	10.30%
312	Crane	7.91%	0.00%	0.00%	0.31%	-0.01%	0.01%	0.00%	0.25%	0.56%	8.47%
314	Crawford	1.08%	0.00%	0.00%	0.03%	-0.01%	0.01%	-0.14%	-0.01%	-0.12%	0.96%
315	Creedmoor	5.73%	0.00%	0.00%	-0.19%	-0.43%	-0.43%	-0.07%	0.50%	-0.62%	5.11%
316	Crockett	14.39%	0.00%	0.00%	0.33%	-0.03%	0.10%	0.03%	0.31%	0.74%	15.13%
318	Crosbyton	1.65%	0.00%	0.00%	0.33%	-0.05%	-0.37%	-0.02%	-0.31%	-0.42%	1.23%
320	Cross Plains	6.70%	0.00%	0.00%	0.27%	-0.04%	0.01%	-0.17%	-0.62%	-0.55%	6.15%
321	Cross Roads	8.07%	0.00%	0.00%	-0.05%	-0.09%	0.02%	-0.22%	0.16%	-0.18%	7.89%
322	Crowell	5.21%	0.00%	0.00%	-0.08%	-0.35%	-0.37%	-0.11%	-0.26%	-1.17%	4.04%
323	Crowley	11.48%	0.00%	0.00%	0.12%	-0.09%	-0.23%	0.05%	0.65%	0.50%	11.98%
324	Crystal City	1.89%	0.00%	0.00%	0.20%	-0.03%	0.04%	0.01%	-0.10%	0.12%	2.01%
326	Cuero	9.16%	0.00%	0.00%	0.15%	-0.03%	0.01%	-0.02%	0.25%	0.36%	9.52%
328	Cumby	2.33%	0.00%	0.00%	0.05%	0.05%	0.03%	0.26%	-0.23%	0.16%	2.49%
332	Daingerfield	6.60%	0.00%	0.00%	0.34%	0.05%	0.01%	-0.10%	-0.80%	-0.50%	6.10%
334	Daisetta	0.62%	0.00%	0.00%	0.11%	0.00%	-0.24%	0.25%	-0.11%	0.01%	0.63%
336	Dalhart	4.11%	0.00%	0.00%	0.23%	0.02%	-0.06%	0.08%	-0.33%	-0.06%	4.05%
339	Dalworthington Gardens	21.93%	0.00%	0.00%	0.22%	0.10%	0.90%	0.15%	0.92%	2.29%	24.22%
340	Danbury	5.62%	0.00%	0.00%	0.11%	-0.15%	0.01%	-0.33%	0.11%	-0.25%	5.37%
341	Darrouzett	4.93%	0.00%	0.00%	0.31%	0.01%	0.05%	0.03%	0.10%	0.50%	5.43%
344	Dayton	6.08%	10.28%	0.00%	0.10%	0.71%	0.39%	0.82%	-0.03%	12.27%	18.35%
352	De Leon	4.03%	0.00%	0.00%	0.07%	-0.04%	0.00%	0.49%	-1.23%	-0.71%	3.32%
10366	DeSoto	10.83%	0.00%	0.00%	0.29%	-0.07%	-0.08%	0.09%	0.28%	0.51%	11.34%
346	Decatur	14.17%	0.00%	0.00%	0.22%	-0.19%	-0.60%	0.24%	1.63%	1.30%	15.47%
348	Deer Park	13.22%	0.00%	0.00%	0.40%	-0.06%	-0.01%	0.10%	0.40%	0.83%	14.05%
350	Dekalb	2.40%	2.93%	0.00%	0.11%	0.16%	0.00%	-0.42%	-0.15%	2.63%	5.03%
354	Del Rio	6.98%	0.00%	0.00%	0.07%	-0.01%	0.00%	0.05%	-0.04%	0.07%	7.05%
353	Dell City	17.28%	0.00%	0.00%	1.59%	-5.53%	-10.68%	0.21%	11.88%	-2.53%	14.75%
356	Denison	10.65%	0.00%	0.00%	0.38%	-0.08%	-0.07%	-0.03%	0.26%	0.46%	11.11%
358	Denton	17.87%	0.00%	0.00%	0.26%	-0.01%	-0.20%	0.13%	0.61%	0.79%	18.66%
360	Denver City	6.49%	0.00%	0.00%	0.53%	-0.08%	0.02%	-0.19%	0.29%	0.57%	7.06%
362	Deport	2.81%	0.00%	0.00%	0.08%	0.08%	0.09%	-0.67%	-0.66%	-1.08%	1.73%
370	Devine	17.36%	0.00%	0.00%	0.09%	0.04%	0.45%	-0.11%	0.07%	0.54%	17.90%
371	Diboll	14.63%	0.00%	0.00%	0.48%	-0.16%	-0.24%	-0.24%	-0.04%	-0.20%	14.43%
372	Dickens	1.98%	0.00%	0.00%	0.00%	-0.03%	0.01%	0.00%	0.08%	0.06%	2.04%
373	Dickinson	10.18%	0.00%	0.00%	0.17%	-0.15%	-0.32%	0.09%	0.15%	-0.06%	10.12%
374	Dilley	7.81%	0.00%	0.00%	0.07%	-0.12%	0.01%	0.17%	0.06%	0.19%	8.00%
376	Dimmitt	4.00%	0.00%	0.00%	0.42%	-0.05%	0.00%	0.01%	0.25%	0.63%	4.63%
382	Donna	10.91%	0.00%	0.00%	0.01%	-0.25%	-0.47%	-0.23%	0.83%	-0.11%	10.80%
379	Double Oak	8.32%	0.00%	0.00%	0.00%	-0.19%	-0.08%	0.59%	-0.10%	0.22%	8.54%
383	Dripping Springs	5.87%	0.00%	0.00%	-0.04%	-0.09%	-0.05%	-0.01%	0.03%	-0.16%	5.71%
385	Driscoll	1.61%	0.00%	0.00%	-0.02%	-0.07%	0.15%	0.38%	-0.24%	0.20%	1.81%
384	Dublin	12.74%	0.00%	0.00%	0.19%	-0.02%	-0.36%	0.18%	0.08%	0.07%	12.81%



**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
386	Dumas	13.10%	0.00%	0.00%	0.19%	0.01%	0.14%	-0.06%	0.37%	0.65%	13.75%
388	Duncanville	6.19%	0.00%	0.00%	0.48%	-0.06%	-0.04%	0.04%	-0.27%	0.15%	6.34%
394	Eagle Lake	9.46%	0.00%	0.00%	0.34%	0.05%	0.11%	-0.01%	-0.41%	0.08%	9.54%
396	Eagle Pass	8.82%	0.00%	0.00%	0.24%	-0.02%	-0.07%	0.01%	0.37%	0.53%	9.35%
397	Early	3.37%	0.00%	0.00%	0.09%	-0.06%	0.06%	0.06%	-0.21%	-0.06%	3.31%
399	Earth	4.19%	0.00%	0.00%	0.08%	-0.01%	0.24%	-0.17%	-0.13%	0.01%	4.20%
393	East Bernard	5.17%	0.00%	0.00%	-0.02%	-0.10%	0.12%	-0.09%	0.15%	0.06%	5.23%
401	East Mountain	10.64%	0.00%	0.00%	0.26%	-0.63%	0.31%	2.01%	0.36%	2.31%	12.95%
395	East Tawakoni	5.63%	0.00%	0.00%	0.12%	0.02%	-0.04%	0.15%	-0.22%	0.03%	5.66%
398	Eastland	8.46%	0.00%	0.00%	0.16%	-0.03%	0.00%	0.07%	-0.58%	-0.38%	8.08%
402	Ector	1.68%	0.00%	0.00%	0.11%	0.04%	-0.06%	-0.11%	-0.10%	-0.12%	1.56%
406	Eden	3.19%	0.00%	0.00%	0.37%	-0.05%	-0.09%	-0.06%	0.43%	0.60%	3.79%
408	Edgewood	5.81%	0.00%	0.00%	0.03%	0.00%	0.02%	0.09%	-0.11%	0.03%	5.84%
410	Edinburg	14.53%	0.00%	0.00%	0.13%	-0.10%	-0.46%	0.05%	0.71%	0.33%	14.86%
412	Edna	10.37%	0.00%	0.00%	0.36%	-0.06%	-0.20%	0.02%	1.13%	1.25%	11.62%
414	El Campo	14.03%	0.00%	0.00%	0.28%	0.02%	0.06%	-0.08%	-0.04%	0.24%	14.27%
416	Eldorado	8.72%	0.00%	0.00%	0.23%	0.04%	-0.05%	0.11%	0.07%	0.40%	9.12%
418	Electra	1.46%	0.00%	0.00%	0.14%	-0.03%	0.01%	-0.05%	-0.25%	-0.18%	1.28%
420	Elgin	12.40%	0.00%	0.00%	0.14%	-0.05%	-0.05%	0.20%	0.32%	0.56%	12.96%
422	Elkhart	3.40%	0.00%	0.00%	0.15%	-0.08%	0.09%	0.02%	-1.19%	-1.01%	2.39%
427	Elmendorf	1.28%	0.00%	0.00%	0.00%	-0.01%	-0.01%	0.12%	0.04%	0.14%	1.42%
432	Emory	6.72%	0.00%	0.00%	0.12%	-0.03%	-0.01%	-0.43%	-0.04%	-0.39%	6.33%
436	Ennis	17.37%	0.00%	0.00%	0.35%	-0.06%	-0.27%	-0.01%	1.17%	1.18%	18.55%
437	Escobares	6.32%	0.00%	0.00%	-0.09%	0.23%	0.51%	-0.17%	-0.87%	-0.39%	5.93%
439	Eules	17.71%	0.00%	0.00%	0.45%	0.01%	-0.09%	0.26%	0.32%	0.95%	18.66%
440	Eustace	9.95%	0.00%	0.00%	0.06%	-0.21%	-0.29%	-0.42%	0.46%	-0.40%	9.55%
441	Everman	7.98%	0.00%	0.00%	0.18%	-0.07%	-0.14%	0.16%	0.72%	0.85%	8.83%
443	Fair Oaks Ranch	11.72%	0.00%	0.00%	0.06%	-0.12%	-0.23%	-0.07%	0.87%	0.51%	12.23%
442	Fairfield	6.84%	0.00%	0.00%	0.26%	-0.03%	0.00%	-0.16%	-0.21%	-0.14%	6.70%
445	Fairview	11.13%	2.31%	0.00%	0.06%	0.16%	0.07%	-0.19%	-0.42%	1.99%	13.12%
20444	Falfurrias	2.21%	0.00%	0.00%	0.12%	-0.01%	0.01%	0.01%	-0.09%	0.04%	2.25%
446	Falls City	7.25%	0.00%	0.00%	0.06%	-0.13%	-0.28%	-0.20%	0.42%	-0.13%	7.12%
448	Farmers Branch	18.96%	1.08%	0.00%	0.51%	-1.34%	-0.33%	0.16%	0.98%	1.06%	20.02%
450	Farmersville	8.72%	0.00%	0.00%	0.16%	-0.02%	-0.04%	0.02%	0.13%	0.25%	8.97%
451	Farwell	16.64%	0.00%	0.00%	0.20%	-0.02%	0.38%	-0.66%	-8.33%	-8.43%	8.21%
452	Fate	10.09%	0.00%	0.00%	-0.03%	-0.12%	-0.01%	-0.22%	0.18%	-0.20%	9.89%
454	Fayetteville	2.17%	0.00%	0.00%	0.22%	-0.21%	0.16%	0.01%	0.43%	0.61%	2.78%
456	Ferris	5.57%	1.64%	0.00%	0.08%	0.01%	-0.13%	-0.13%	0.58%	2.05%	7.62%
458	Flatonia	13.38%	0.00%	0.00%	0.32%	0.04%	0.35%	-0.17%	0.30%	0.84%	14.22%
460	Florence	4.47%	0.00%	0.00%	0.04%	-0.03%	0.00%	0.06%	0.03%	0.10%	4.57%
20462	Floresville	9.33%	0.00%	0.00%	0.13%	0.00%	-0.17%	0.00%	0.33%	0.29%	9.62%
463	Flower Mound	11.02%	0.00%	0.00%	0.17%	-0.04%	0.00%	0.12%	0.03%	0.28%	11.30%
464	Floydada	10.08%	0.00%	0.00%	0.30%	0.01%	0.11%	0.12%	0.10%	0.64%	10.72%
465	Follett	19.11%	0.00%	0.00%	-0.12%	0.59%	2.33%	0.24%	0.56%	3.60%	22.71%
468	Forest Hill	13.11%	0.00%	0.00%	0.27%	0.01%	0.01%	-0.17%	0.75%	0.87%	13.98%
470	Forney	14.28%	0.00%	0.00%	0.04%	-0.21%	-0.49%	0.22%	0.20%	-0.24%	14.04%
472	Fort Stockton	9.46%	0.00%	0.00%	0.16%	0.01%	0.01%	0.09%	0.05%	0.32%	9.78%
476	Franklin	3.58%	1.78%	0.00%	0.06%	0.05%	0.01%	0.47%	-0.11%	2.26%	5.84%
478	Frankston	1.38%	0.00%	0.00%	0.04%	-0.01%	0.01%	-0.03%	0.00%	0.01%	1.39%
480	Fredericksburg	22.12%	0.00%	0.00%	0.20%	-0.15%	-0.67%	0.06%	0.77%	0.21%	22.33%
482	Freeport	14.13%	0.00%	0.00%	0.21%	0.06%	0.16%	0.49%	0.28%	1.20%	15.33%
481	Freer	6.24%	0.00%	0.00%	0.09%	-0.07%	-0.03%	0.19%	-1.09%	-0.91%	5.33%
483	Friendswood	16.33%	0.00%	0.00%	0.27%	-0.03%	-0.17%	0.02%	0.64%	0.73%	17.06%
484	Friona	8.92%	0.00%	0.00%	0.38%	-0.13%	-0.49%	-0.11%	1.35%	1.00%	9.92%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
486	Frisco	14.12%	0.00%	0.00%	0.10%	-0.10%	-0.13%	0.03%	0.31%	0.21%	14.33%
487	Fritch	5.07%	0.00%	0.00%	0.16%	0.17%	0.01%	0.11%	-0.29%	0.16%	5.23%
488	Frost	9.72%	0.00%	0.00%	0.60%	0.24%	1.20%	-0.28%	-2.62%	-0.86%	8.86%
491	Fulshear	7.18%	0.00%	0.00%	-0.04%	-0.12%	-0.02%	0.06%	0.08%	-0.04%	7.14%
493	Fulton	6.11%	0.00%	0.00%	-0.02%	-1.52%	0.39%	0.64%	0.55%	0.04%	6.15%
492	Gainesville	10.65%	0.00%	0.00%	0.16%	-1.29%	-0.03%	0.06%	0.08%	-1.02%	9.63%
494	Galena Park	10.25%	0.00%	0.00%	0.31%	0.03%	0.06%	-0.07%	0.31%	0.64%	10.89%
498	Ganado	11.79%	0.00%	0.00%	1.14%	-0.08%	-0.12%	0.05%	0.95%	1.94%	13.73%
499	Garden Ridge	7.19%	0.00%	0.00%	0.08%	-0.02%	0.08%	0.27%	0.24%	0.65%	7.84%
500	Garland	10.83%	0.00%	0.00%	0.44%	-0.01%	0.02%	0.04%	-0.18%	0.31%	11.14%
501	Garrett	4.78%	0.00%	0.00%	-0.08%	-0.05%	-0.03%	0.06%	0.09%	-0.01%	4.77%
502	Garrison	6.36%	0.00%	0.00%	0.60%	-0.07%	-0.20%	-0.09%	0.09%	0.33%	6.69%
503	Gary	5.86%	14.02%	0.00%	0.20%	1.92%	0.04%	0.00%	0.82%	17.00%	22.86%
504	Gatesville	14.62%	0.00%	0.00%	0.27%	0.05%	0.10%	0.09%	0.20%	0.71%	15.33%
505	George West	5.23%	0.00%	0.00%	0.04%	-0.02%	-0.03%	0.23%	-0.12%	0.10%	5.33%
506	Georgetown	12.21%	0.00%	0.00%	0.12%	-0.12%	-0.22%	0.00%	0.48%	0.26%	12.47%
510	Giddings	17.72%	0.00%	0.00%	0.28%	0.06%	-0.15%	0.12%	0.90%	1.21%	18.93%
512	Gilmer	13.21%	0.00%	0.00%	0.29%	0.02%	-0.09%	0.20%	0.83%	1.25%	14.46%
514	Gladewater	7.61%	0.00%	0.00%	0.21%	0.05%	0.01%	0.04%	-0.22%	0.09%	7.70%
516	Glen Rose	14.49%	0.00%	0.00%	0.26%	-0.03%	-0.15%	0.81%	0.81%	1.70%	16.19%
517	Glenn Heights	3.33%	2.35%	0.00%	0.12%	0.16%	-0.01%	0.24%	-1.75%	1.11%	4.44%
518	Godley	2.12%	0.00%	0.00%	0.05%	-0.02%	0.00%	0.04%	-0.29%	-0.22%	1.90%
519	Goldsmith	1.14%	0.00%	0.00%	0.05%	-0.02%	-0.01%	0.13%	-0.06%	0.09%	1.23%
520	Goldthwaite	24.83%	0.00%	0.00%	0.60%	0.12%	0.66%	0.02%	1.86%	3.26%	28.09%
522	Goliad	5.20%	0.00%	0.00%	0.17%	-0.03%	-0.03%	0.00%	-0.09%	0.02%	5.22%
524	Gonzales	9.37%	0.00%	0.00%	0.20%	-0.09%	-0.17%	-0.08%	0.47%	0.33%	9.70%
527	Gordon	2.41%	0.00%	0.00%	-0.10%	0.01%	0.03%	0.02%	0.02%	-0.02%	2.39%
530	Gorman	8.84%	0.00%	0.00%	-0.01%	0.20%	0.76%	-0.10%	-2.19%	-1.34%	7.50%
532	Graford	2.03%	0.00%	0.00%	0.11%	-0.04%	0.04%	-0.15%	0.15%	0.11%	2.14%
10534	Graham	10.24%	0.00%	0.00%	0.30%	0.00%	0.09%	0.03%	0.38%	0.80%	11.04%
536	Granbury	17.01%	0.00%	0.00%	0.19%	-0.07%	-0.30%	0.07%	0.42%	0.31%	17.32%
540	Grand Prairie	17.42%	0.00%	0.00%	0.00%	-5.79%	-0.02%	0.01%	0.57%	-5.23%	12.19%
542	Grand Saline	8.80%	0.00%	0.00%	0.23%	-0.01%	0.01%	0.21%	0.32%	0.76%	9.56%
544	Grandview	11.66%	0.00%	0.00%	0.08%	-0.06%	-0.10%	-0.21%	-0.33%	-0.62%	11.04%
546	Granger	7.31%	0.00%	0.00%	0.02%	-0.05%	0.06%	-0.23%	0.06%	-0.14%	7.17%
547	Granite Shoals	4.30%	1.96%	0.00%	0.02%	0.12%	0.00%	-0.28%	-0.31%	1.51%	5.81%
548	Grapeland	3.40%	0.00%	0.00%	0.15%	-0.10%	0.03%	-0.12%	-0.13%	-0.17%	3.23%
550	Grapevine	18.98%	0.00%	0.00%	0.36%	0.02%	0.09%	-0.06%	0.67%	1.08%	20.06%
552	Greenville	10.58%	5.20%	0.00%	0.43%	0.25%	-0.23%	0.11%	0.30%	6.06%	16.64%
551	Gregory	4.34%	0.00%	0.00%	0.04%	-0.06%	0.18%	0.00%	0.11%	0.27%	4.61%
553	Grey Forest	16.50%	0.00%	0.00%	0.41%	0.06%	-0.04%	-0.02%	-0.77%	-0.36%	16.14%
556	Groesbeck	2.28%	0.00%	0.00%	0.08%	-0.03%	-0.01%	-0.02%	-0.44%	-0.42%	1.86%
558	Groom	3.06%	0.00%	0.00%	0.21%	-0.03%	-0.01%	0.00%	-0.05%	0.12%	3.18%
559	Groves	7.64%	0.00%	0.00%	0.45%	-0.12%	0.01%	0.06%	-0.05%	0.35%	7.99%
560	Groveton	1.18%	0.00%	0.00%	0.06%	-0.07%	0.02%	-0.13%	0.00%	-0.12%	1.06%
562	Gruver	11.35%	0.00%	0.00%	0.71%	-0.53%	0.01%	0.02%	-0.39%	-0.18%	11.17%
563	Gun Barrel City	10.04%	0.00%	0.00%	0.07%	-0.07%	-0.03%	-0.09%	-0.57%	-0.69%	9.35%
564	Gunter	14.58%	0.00%	0.00%	-0.07%	-0.08%	-0.16%	-0.02%	0.25%	-0.08%	14.50%
568	Hale Center	5.23%	0.68%	0.00%	0.02%	0.07%	0.06%	0.22%	0.16%	1.21%	6.44%
570	Hallettsville	12.77%	0.00%	0.00%	0.34%	0.07%	0.40%	0.31%	-0.07%	1.05%	13.82%
572	Hallsville	6.04%	0.00%	0.00%	-0.01%	-0.01%	-0.04%	0.02%	-0.09%	-0.13%	5.91%
574	Haltom City	19.12%	0.00%	0.00%	0.40%	-0.14%	-0.22%	0.20%	1.37%	1.61%	20.73%
576	Hamilton	14.98%	0.00%	0.00%	0.24%	-0.01%	-0.51%	0.00%	-0.23%	-0.51%	14.47%
578	Hamlin	4.88%	0.00%	0.00%	0.34%	0.06%	0.05%	0.13%	-0.34%	0.24%	5.12%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
580	Happy	6.15%	0.00%	0.00%	0.37%	-0.25%	0.36%	-0.44%	0.73%	0.77%	6.92%
581	Harker Heights	15.22%	0.00%	0.00%	0.20%	0.04%	-0.06%	-0.14%	0.21%	0.25%	15.47%
10582	Harlingen	8.38%	0.00%	0.00%	0.28%	-0.07%	-0.06%	-0.19%	-0.13%	-0.17%	8.21%
20582	Harlingen Waterworks Sys	9.40%	0.00%	0.00%	0.23%	0.01%	0.29%	-0.17%	-0.17%	0.19%	9.59%
583	Hart	4.38%	0.00%	0.00%	0.04%	-0.03%	-0.16%	0.00%	0.05%	-0.10%	4.28%
586	Haskell	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
587	Haslet	8.28%	0.00%	0.00%	0.06%	-0.10%	-0.02%	-0.27%	0.36%	0.03%	8.31%
588	Hawkins	6.64%	0.00%	0.00%	0.34%	0.03%	-0.20%	-0.45%	-0.35%	-0.63%	6.01%
590	Hearne	14.23%	0.00%	0.00%	0.21%	-0.08%	-0.02%	0.29%	-0.34%	0.06%	14.29%
591	Heath	11.81%	0.00%	0.00%	0.12%	-0.01%	0.02%	-0.04%	-0.25%	-0.16%	11.65%
592	Hedley	2.59%	0.00%	0.00%	0.00%	-0.09%	0.00%	0.00%	-2.11%	-2.20%	0.39%
595	Hedwig Village	7.94%	0.00%	0.00%	0.16%	-0.07%	-0.01%	0.13%	-0.22%	-0.01%	7.93%
593	Helotes	6.76%	0.00%	0.00%	0.10%	-0.05%	-0.01%	-0.09%	-0.38%	-0.43%	6.33%
594	Hemphill	7.14%	0.00%	0.00%	0.24%	0.01%	0.23%	0.13%	-0.33%	0.28%	7.42%
596	Hempstead	6.94%	0.00%	0.00%	0.18%	-0.10%	-0.09%	0.18%	0.55%	0.72%	7.66%
598	Henderson	16.31%	0.00%	0.00%	0.28%	0.05%	0.08%	-0.07%	0.06%	0.40%	16.71%
600	Henrietta	14.36%	0.00%	0.00%	0.21%	-0.07%	0.02%	-0.02%	0.16%	0.30%	14.66%
602	Hereford	9.43%	0.00%	0.00%	0.26%	-0.01%	-0.01%	-0.03%	0.58%	0.79%	10.22%
605	Hewitt	16.05%	0.00%	0.00%	0.16%	-0.13%	-0.50%	0.14%	1.17%	0.84%	16.89%
609	Hickory Creek	15.33%	0.00%	0.00%	0.07%	-0.17%	-0.57%	-0.30%	0.80%	-0.17%	15.16%
606	Hico	8.78%	0.00%	0.00%	0.19%	-0.07%	0.06%	-0.17%	-0.98%	-0.97%	7.81%
607	Hidalgo	11.70%	0.00%	0.00%	0.20%	-0.09%	-0.10%	0.02%	0.07%	0.10%	11.80%
608	Higgins	3.59%	0.00%	0.00%	0.67%	0.12%	0.60%	0.00%	-0.09%	1.30%	4.89%
610	Highland Park	8.48%	3.97%	0.00%	0.46%	0.15%	0.05%	0.09%	0.00%	4.72%	13.20%
611	Highland Village	13.75%	0.00%	0.00%	0.22%	0.01%	0.04%	0.17%	-0.04%	0.40%	14.15%
613	Hill Country Village	4.31%	0.00%	0.00%	0.13%	0.03%	-0.06%	-0.31%	-0.80%	-1.01%	3.30%
612	Hillsboro	12.42%	0.00%	0.00%	0.40%	-0.06%	-0.39%	-0.06%	-0.89%	-1.00%	11.42%
619	Hilshire Village	6.24%	0.00%	0.00%	-0.07%	-1.54%	-0.06%	-0.08%	0.77%	-0.98%	5.26%
614	Hitchcock	6.21%	0.00%	0.00%	0.12%	-0.12%	0.01%	0.07%	0.08%	0.16%	6.37%
615	Holland	3.88%	0.00%	0.00%	0.13%	-0.08%	0.11%	-0.02%	0.06%	0.20%	4.08%
616	Holliday	12.11%	0.00%	0.00%	0.08%	-0.05%	-0.30%	-0.38%	-1.57%	-2.22%	9.89%
617	Hollywood Park	9.15%	4.99%	0.00%	0.15%	0.36%	-0.05%	0.10%	0.17%	5.72%	14.87%
618	Hondo	7.41%	5.14%	0.00%	0.22%	0.23%	0.09%	0.99%	0.01%	6.68%	14.09%
620	Honey Grove	5.65%	0.00%	0.00%	0.19%	-0.29%	-0.01%	-0.08%	0.25%	0.06%	5.71%
622	Hooks	13.60%	0.00%	0.00%	0.28%	-0.12%	0.10%	0.37%	-0.29%	0.34%	13.94%
623	Horizon City	5.56%	0.00%	0.00%	-0.02%	-0.05%	-0.14%	-0.02%	-0.03%	-0.26%	5.30%
626	Howe	5.32%	0.00%	0.00%	0.19%	-0.14%	-0.01%	0.02%	0.04%	0.10%	5.42%
627	Hubbard	2.95%	0.00%	0.00%	0.06%	-0.01%	0.02%	0.17%	-0.21%	0.03%	2.98%
628	Hudson	3.95%	0.00%	0.00%	0.05%	-0.10%	-0.04%	0.04%	0.22%	0.17%	4.12%
629	Hudson Oaks	12.32%	0.00%	0.00%	0.10%	0.02%	0.05%	0.30%	0.52%	0.99%	13.31%
630	Hughes Springs	8.10%	0.00%	0.00%	0.46%	0.02%	-0.01%	-0.03%	0.23%	0.67%	8.77%
632	Humble	13.18%	0.00%	0.00%	0.28%	0.03%	0.05%	0.04%	0.28%	0.68%	13.86%
633	Hunters Creek Village	19.80%	0.00%	0.00%	0.10%	0.12%	0.04%	0.13%	0.92%	1.31%	21.11%
634	Huntington	15.06%	0.00%	0.00%	0.22%	0.00%	0.02%	-0.04%	0.75%	0.95%	16.01%
636	Huntsville	19.37%	0.00%	0.00%	0.34%	-0.06%	-0.50%	0.04%	0.72%	0.54%	19.91%
637	Hurst	11.45%	0.74%	0.00%	0.46%	-0.06%	0.00%	0.01%	0.31%	1.46%	12.91%
638	Hutchins	7.58%	0.00%	0.00%	0.09%	-0.04%	0.04%	-0.21%	-0.14%	-0.26%	7.32%
640	Hutto	12.08%	0.00%	0.00%	0.10%	-0.06%	0.00%	-0.01%	0.13%	0.16%	12.24%
641	Huxley	2.78%	0.00%	0.00%	0.17%	-0.11%	0.08%	-0.01%	0.10%	0.23%	3.01%
642	Idalou	4.20%	0.00%	0.00%	0.04%	0.03%	-0.01%	0.00%	-0.09%	-0.03%	4.17%
643	Ingleside	7.16%	0.00%	0.00%	0.16%	-0.08%	0.01%	0.35%	-0.03%	0.41%	7.57%
646	Ingram	5.97%	0.00%	0.00%	0.08%	-0.10%	-0.04%	-0.08%	-0.27%	-0.41%	5.56%
647	Iowa Colony	7.17%	3.29%	0.00%	-0.03%	-0.15%	-0.18%	0.19%	0.23%	3.35%	10.52%
644	Iowa Park	9.24%	0.00%	0.00%	0.30%	-0.20%	-0.03%	0.17%	0.94%	1.18%	10.42%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
645	Iraan	17.79%	0.00%	0.00%	0.36%	-0.25%	-0.36%	-0.14%	-6.50%	-6.89%	10.90%
648	Irving	9.68%	0.00%	0.00%	0.47%	-0.33%	0.00%	0.05%	0.15%	0.34%	10.02%
650	Italy	3.16%	5.54%	0.00%	0.03%	0.41%	0.10%	-0.35%	-0.43%	5.30%	8.46%
652	Itasca	9.03%	0.00%	0.00%	0.19%	-0.10%	0.23%	0.11%	-0.88%	-0.45%	8.58%
654	Jacinto City	15.82%	0.00%	0.00%	0.11%	0.13%	0.49%	0.08%	0.84%	1.65%	17.47%
656	Jacksboro	13.62%	0.00%	0.00%	0.22%	0.03%	0.20%	-0.23%	0.28%	0.50%	14.12%
658	Jacksonville	9.88%	0.00%	0.00%	0.30%	-0.07%	-0.08%	0.18%	0.00%	0.33%	10.21%
660	Jasper	7.80%	0.00%	0.00%	0.29%	-0.06%	0.00%	-0.01%	-0.22%	0.00%	7.80%
664	Jefferson	0.18%	0.00%	0.00%	0.29%	-0.03%	-0.01%	-0.02%	-0.16%	0.07%	0.25%
665	Jersey Village	13.97%	0.00%	0.00%	0.19%	-0.12%	-0.25%	0.11%	0.80%	0.73%	14.70%
666	Jewett	14.49%	0.00%	0.00%	0.47%	0.14%	-0.12%	-0.03%	1.80%	2.26%	16.75%
668	Joaquin	5.19%	0.00%	0.00%	0.10%	0.07%	0.58%	-0.17%	-0.68%	-0.10%	5.09%
670	Johnson City	8.64%	0.00%	0.00%	0.16%	-0.09%	-0.20%	0.19%	0.33%	0.39%	9.03%
673	Jones Creek	5.06%	0.00%	0.00%	0.09%	-0.07%	-0.05%	-0.18%	0.30%	0.09%	5.15%
675	Jonestown	7.58%	0.00%	0.00%	0.06%	-0.04%	0.00%	-0.09%	-0.69%	-0.76%	6.82%
677	Josephine	8.48%	0.00%	0.00%	-0.04%	-0.27%	-0.11%	0.51%	0.58%	0.67%	9.15%
671	Joshua	5.60%	0.00%	0.00%	0.08%	-0.20%	0.09%	0.00%	0.24%	0.21%	5.81%
672	Jourdanton	5.40%	0.00%	0.00%	0.15%	-0.01%	0.03%	-0.13%	0.28%	0.32%	5.72%
674	Junction	10.32%	0.00%	0.00%	0.17%	-0.35%	-0.03%	-0.56%	0.17%	-0.60%	9.72%
676	Justin	7.26%	0.00%	0.00%	0.01%	-0.05%	-0.04%	0.02%	0.01%	-0.05%	7.21%
678	Karnes City	8.43%	0.00%	0.00%	0.10%	-0.03%	-0.05%	0.05%	0.28%	0.35%	8.78%
680	Katy	13.55%	0.00%	0.00%	0.15%	-0.04%	-0.07%	0.09%	0.19%	0.32%	13.87%
682	Kaufman	13.17%	0.00%	0.00%	0.21%	-0.11%	-0.21%	0.03%	0.37%	0.29%	13.46%
683	Keene	12.42%	0.00%	0.00%	0.28%	0.04%	0.04%	0.06%	-0.72%	-0.30%	12.12%
681	Keller	15.91%	0.00%	0.00%	0.31%	-0.06%	-0.23%	0.00%	0.49%	0.51%	16.42%
685	Kemah	5.97%	0.00%	0.00%	0.15%	-0.05%	0.02%	0.17%	-0.12%	0.17%	6.14%
684	Kemp	9.83%	0.00%	0.00%	0.04%	-0.04%	0.07%	0.19%	0.01%	0.27%	10.10%
689	Kempner	1.16%	0.00%	0.00%	-0.03%	-0.04%	0.01%	0.08%	0.01%	0.03%	1.19%
686	Kenedy	9.72%	0.00%	0.00%	0.04%	0.13%	0.41%	0.10%	-0.36%	0.32%	10.04%
688	Kennedale	14.37%	0.00%	0.00%	0.23%	0.00%	0.31%	0.24%	0.57%	1.35%	15.72%
690	Kerens	12.65%	0.00%	0.00%	-0.05%	-0.10%	-0.16%	-0.33%	0.32%	-0.32%	12.33%
692	Kermit	14.69%	0.00%	0.00%	0.24%	-0.04%	0.28%	-0.32%	-0.99%	-0.83%	13.86%
10694	Kerrville	10.13%	0.00%	0.00%	0.27%	-0.08%	-0.13%	0.06%	0.23%	0.35%	10.48%
20694	Kerrville PUB	12.29%	0.00%	0.00%	0.43%	0.02%	-0.12%	0.01%	-0.07%	0.27%	12.56%
10696	Kilgore	14.33%	0.00%	0.00%	0.39%	0.01%	0.06%	0.14%	1.02%	1.62%	15.95%
698	Killeen	14.37%	0.00%	0.00%	0.23%	-0.11%	-0.33%	-0.02%	0.11%	-0.12%	14.25%
700	Kingsville	8.17%	0.00%	0.00%	0.35%	-0.01%	-0.06%	0.07%	0.57%	0.92%	9.09%
701	Kirby	14.35%	0.00%	0.00%	0.25%	0.15%	0.63%	-0.06%	0.28%	1.25%	15.60%
702	Kirbyville	5.34%	0.00%	0.00%	0.12%	-0.03%	-0.17%	0.05%	0.15%	0.12%	5.46%
704	Knox City	2.30%	0.00%	0.00%	0.19%	-0.03%	0.12%	-0.71%	-0.23%	-0.66%	1.64%
706	Kosse	1.47%	0.00%	0.00%	-0.01%	0.00%	-0.01%	0.11%	0.03%	0.12%	1.59%
708	Kountze	6.46%	-2.23%	0.00%	0.06%	-0.12%	0.01%	-0.20%	-0.87%	-3.35%	3.11%
699	Krugerville	7.45%	0.00%	0.00%	0.01%	-0.07%	0.00%	-0.12%	0.02%	-0.16%	7.29%
707	Krum	6.28%	0.00%	0.00%	-0.01%	-0.05%	-0.01%	0.02%	0.13%	0.08%	6.36%
710	Kyle	12.97%	0.00%	0.00%	0.02%	-0.13%	-0.26%	0.16%	0.35%	0.14%	13.11%
725	La Coste	1.55%	0.00%	0.00%	0.11%	-0.02%	0.03%	-0.06%	-0.25%	-0.19%	1.36%
714	La Feria	15.08%	0.00%	0.00%	0.13%	0.03%	0.24%	-0.11%	0.32%	0.61%	15.69%
716	La Grange	14.01%	0.00%	0.00%	0.37%	-0.06%	-0.07%	-0.14%	0.72%	0.82%	14.83%
723	La Grulla	4.70%	0.00%	0.00%	0.13%	-0.16%	1.26%	-1.11%	0.09%	0.21%	4.91%
732	La Joya	5.16%	0.00%	0.00%	0.04%	-0.10%	0.00%	0.16%	-0.26%	-0.16%	5.00%
721	La Marque	13.95%	0.00%	0.00%	0.16%	-0.06%	-0.11%	0.17%	0.31%	0.47%	14.42%
728	La Porte	15.87%	0.00%	0.00%	0.40%	-0.02%	0.07%	-0.03%	0.76%	1.18%	17.05%
731	La Vernia	5.17%	0.00%	0.00%	0.00%	-0.01%	0.01%	-0.21%	0.01%	-0.20%	4.97%
711	Lacy-Lakeview	13.09%	0.00%	0.00%	0.17%	-0.09%	-0.07%	0.84%	-0.28%	0.57%	13.66%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
712	Ladonia	3.17%	0.00%	0.00%	0.04%	-0.14%	-0.23%	1.87%	-0.83%	0.71%	3.88%
713	Lago Vista	7.88%	0.00%	0.00%	0.17%	-0.04%	0.03%	0.61%	0.02%	0.79%	8.67%
705	Laguna Vista	4.05%	0.00%	0.00%	0.05%	-0.06%	0.07%	-0.16%	-0.09%	-0.19%	3.86%
717	Lake Dallas	13.17%	0.00%	0.00%	0.26%	-0.02%	0.06%	-0.04%	0.36%	0.62%	13.79%
718	Lake Jackson	11.18%	0.00%	0.00%	0.37%	0.02%	0.03%	0.08%	0.58%	1.08%	12.26%
719	Lake Worth	16.63%	0.00%	0.00%	0.14%	-0.18%	-0.30%	0.60%	0.31%	0.57%	17.20%
727	Lakeport	0.09%	0.00%	0.00%	0.12%	-0.01%	-0.38%	0.22%	0.01%	-0.04%	0.05%
715	Lakeside	10.74%	0.00%	0.00%	0.08%	-0.04%	-0.07%	0.12%	-0.03%	0.06%	10.80%
729	Lakeside City	5.20%	0.00%	0.00%	0.07%	0.09%	0.10%	-0.01%	0.07%	0.32%	5.52%
720	Lakeway	13.75%	0.00%	0.00%	0.11%	-0.06%	-0.04%	0.07%	-0.16%	-0.08%	13.67%
722	Lamesa	3.83%	0.00%	0.00%	0.32%	-0.04%	0.08%	0.01%	-0.13%	0.24%	4.07%
724	Lampasas	15.67%	0.00%	0.00%	0.25%	-0.06%	-0.17%	0.15%	0.90%	1.07%	16.74%
726	Lancaster	13.67%	0.00%	0.00%	0.26%	-0.09%	-0.37%	0.20%	0.58%	0.58%	14.25%
730	Laredo	20.82%	0.00%	0.00%	0.26%	0.02%	-0.24%	-0.01%	0.25%	0.28%	21.10%
733	Lavon	18.43%	0.00%	0.00%	-0.06%	-0.32%	-1.18%	-0.06%	0.45%	-1.17%	17.26%
736	League City	14.48%	0.00%	0.00%	0.21%	0.01%	-0.04%	-0.03%	0.46%	0.61%	15.09%
737	Leander	12.01%	0.00%	0.00%	0.02%	-0.13%	-0.28%	-0.01%	0.39%	-0.01%	12.00%
735	Lefors	2.44%	3.50%	0.00%	0.00%	-0.06%	-0.10%	-0.81%	-0.84%	1.69%	4.13%
739	Leon Valley	18.54%	0.00%	0.00%	0.42%	0.12%	0.35%	0.01%	-0.01%	0.89%	19.43%
738	Leonard	2.17%	1.76%	0.00%	0.06%	0.04%	0.21%	1.11%	-0.55%	2.63%	4.80%
740	Levelland	8.97%	0.00%	0.00%	0.40%	0.01%	-0.01%	0.26%	0.51%	1.17%	10.14%
742	Lewisville	16.77%	0.00%	0.00%	0.30%	-0.01%	-0.16%	0.13%	0.54%	0.80%	17.57%
744	Lexington	8.08%	0.00%	0.00%	0.35%	0.14%	0.52%	0.06%	0.72%	1.79%	9.87%
746	Liberty	14.54%	0.00%	0.00%	0.15%	-0.05%	0.36%	0.08%	-0.42%	0.12%	14.66%
745	Liberty Hill	6.23%	0.00%	0.00%	-0.04%	-0.09%	0.00%	0.38%	0.10%	0.35%	6.58%
748	Lindale	15.06%	0.00%	0.00%	0.12%	-0.06%	-0.26%	0.12%	0.44%	0.36%	15.42%
750	Linden	0.71%	0.00%	0.00%	0.09%	-0.01%	0.03%	0.28%	-0.13%	0.26%	0.97%
749	Lindsay	4.88%	0.00%	0.00%	-0.07%	0.04%	0.08%	-0.05%	0.20%	0.20%	5.08%
755	Lipan	1.33%	0.00%	0.00%	0.04%	-0.03%	0.00%	0.18%	0.10%	0.29%	1.62%
751	Little Elm	13.28%	0.00%	0.00%	0.03%	-0.10%	-0.11%	0.08%	0.19%	0.09%	13.37%
752	Littlefield	6.48%	0.00%	0.00%	0.26%	-0.03%	0.00%	0.00%	-0.26%	-0.03%	6.45%
753	Live Oak	17.94%	0.00%	0.00%	0.32%	-0.01%	-0.04%	0.25%	0.82%	1.34%	19.28%
757	Liverpool	1.76%	0.00%	0.00%	0.00%	-0.01%	0.00%	-0.01%	0.02%	0.00%	1.76%
754	Livingston	14.97%	0.00%	0.00%	0.39%	-0.02%	0.04%	0.12%	1.21%	1.74%	16.71%
756	Llano	12.41%	0.00%	0.00%	0.24%	-0.08%	0.32%	-0.11%	-0.82%	-0.45%	11.96%
758	Lockhart	12.63%	0.00%	0.00%	0.32%	0.01%	0.02%	0.04%	0.04%	0.43%	13.06%
760	Lockney	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
764	Lone Oak	5.27%	0.00%	0.00%	-0.06%	0.02%	0.00%	-0.11%	0.05%	-0.10%	5.17%
765	Lone Star	2.24%	0.00%	0.00%	0.37%	0.04%	-0.02%	0.15%	0.10%	0.64%	2.88%
766	Longview	12.09%	0.00%	0.00%	0.37%	-0.04%	0.07%	-0.06%	0.00%	0.34%	12.43%
768	Loraine	2.23%	0.00%	0.00%	0.06%	-0.17%	0.09%	0.51%	0.13%	0.62%	2.85%
769	Lorena	10.14%	0.00%	0.00%	0.10%	-0.05%	0.02%	0.23%	-0.13%	0.17%	10.31%
770	Lorenzo	1.30%	0.00%	0.00%	0.20%	-0.15%	0.09%	0.12%	-0.10%	0.16%	1.46%
771	Los Fresnos	6.66%	0.00%	0.00%	0.08%	-0.09%	-0.11%	-0.05%	0.15%	-0.02%	6.64%
773	Lott	1.84%	0.00%	0.00%	0.03%	0.07%	-0.30%	0.51%	-0.14%	0.17%	2.01%
774	Lovelady	7.58%	0.00%	0.00%	-0.04%	-0.43%	-0.01%	-0.07%	0.36%	-0.19%	7.39%
778	Lubbock	17.01%	0.00%	0.00%	0.41%	-0.05%	-0.29%	-0.09%	0.92%	0.90%	17.91%
779	Lucas	12.03%	0.00%	0.00%	0.01%	-0.19%	-0.22%	-0.19%	0.76%	0.17%	12.20%
782	Lufkin	16.00%	0.00%	0.00%	0.40%	-0.02%	0.02%	-0.02%	0.26%	0.64%	16.64%
784	Luling	5.98%	0.00%	0.00%	0.16%	-0.01%	0.02%	0.31%	0.22%	0.70%	6.68%
785	Lumberton	15.33%	0.00%	0.00%	0.22%	0.01%	0.07%	0.30%	0.48%	1.08%	16.41%
786	Lyford	1.39%	0.00%	0.00%	0.10%	-0.16%	-0.02%	0.17%	-0.02%	0.07%	1.46%
787	Lytle	9.51%	0.00%	0.00%	0.26%	-0.17%	-0.24%	0.23%	-0.22%	-0.14%	9.37%
790	Madisonville	7.50%	0.00%	0.00%	0.17%	-0.09%	0.02%	0.09%	-0.28%	-0.09%	7.41%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
791	Magnolia	4.56%	0.00%	0.00%	0.03%	-0.05%	0.02%	0.02%	0.08%	0.10%	4.66%
792	Malakoff	5.45%	0.00%	0.00%	0.09%	-0.10%	0.03%	-0.18%	-0.07%	-0.23%	5.22%
796	Manor	8.16%	0.00%	0.00%	0.00%	-0.11%	-0.18%	0.37%	-0.33%	-0.25%	7.91%
798	Mansfield	16.78%	0.00%	0.00%	0.23%	-0.02%	-0.34%	0.10%	0.94%	0.91%	17.69%
799	Manvel	9.80%	0.00%	0.00%	-0.04%	-0.37%	-0.93%	-0.02%	0.09%	-1.27%	8.53%
800	Marble Falls	14.08%	0.00%	0.00%	0.17%	-0.12%	-0.32%	-0.09%	0.50%	0.14%	14.22%
802	Marfa	2.87%	0.00%	0.00%	0.12%	0.05%	0.00%	-0.21%	-0.13%	-0.17%	2.70%
804	Marion	4.23%	0.00%	0.00%	0.17%	0.00%	-0.03%	-0.45%	-0.40%	-0.71%	3.52%
806	Marlin	7.42%	0.00%	0.00%	0.12%	-0.13%	-0.02%	0.22%	-0.21%	-0.02%	7.40%
808	Marquez	19.70%	0.00%	0.00%	-0.10%	0.68%	6.50%	0.00%	0.07%	7.15%	26.85%
810	Marshall	15.65%	0.00%	0.00%	0.49%	-0.05%	-0.10%	-0.02%	0.53%	0.85%	16.50%
812	Mart	2.39%	0.00%	0.00%	0.19%	-0.06%	-0.06%	0.05%	0.19%	0.31%	2.70%
813	Martindale	5.68%	0.00%	0.00%	0.02%	-1.17%	-0.62%	-1.07%	2.63%	-0.21%	5.47%
814	Mason	6.23%	0.00%	0.00%	0.20%	0.02%	0.02%	-0.08%	0.11%	0.27%	6.50%
816	Matador	2.28%	0.00%	0.00%	0.08%	-0.48%	0.12%	-1.29%	0.19%	-1.38%	0.90%
818	Mathis	3.75%	0.00%	0.00%	0.12%	-0.08%	0.08%	0.13%	-0.08%	0.17%	3.92%
820	Maud	4.60%	0.00%	0.00%	0.06%	-0.11%	-0.16%	0.00%	-1.20%	-1.41%	3.19%
822	Maypearl	0.71%	0.00%	0.00%	0.06%	0.00%	0.02%	0.48%	-0.02%	0.54%	1.25%
824	McAllen	7.82%	0.73%	0.00%	0.23%	0.02%	-0.06%	0.02%	-0.15%	0.79%	8.61%
826	McCamey	2.26%	0.00%	0.00%	0.40%	0.00%	-0.16%	0.04%	-0.71%	-0.43%	1.83%
828	McGregor	12.54%	0.00%	0.00%	0.15%	-0.03%	-0.01%	0.11%	0.42%	0.64%	13.18%
830	McKinney	15.09%	0.00%	0.00%	0.13%	-0.05%	-0.13%	0.01%	0.43%	0.39%	15.48%
832	McLean	2.00%	0.00%	0.00%	0.10%	-0.03%	0.00%	-0.05%	-0.07%	-0.05%	1.95%
833	McLendon-Chisholm	7.33%	0.00%	0.00%	-0.05%	-0.01%	0.02%	0.61%	0.03%	0.60%	7.93%
834	Meadow	4.27%	0.00%	0.00%	0.09%	0.27%	0.39%	-0.11%	-1.81%	-1.17%	3.10%
831	Meadowlakes	2.21%	0.00%	0.00%	0.01%	0.00%	-0.02%	-0.12%	-0.01%	-0.14%	2.07%
835	Meadows Place	10.57%	1.40%	0.00%	0.20%	-0.04%	-0.40%	0.40%	-0.08%	1.48%	12.05%
837	Melissa	16.50%	0.00%	0.00%	-0.04%	-0.35%	-0.69%	-0.15%	0.74%	-0.49%	16.01%
1501	Memorial Villages PD	10.53%	0.38%	0.00%	0.25%	-0.03%	-0.06%	0.10%	-0.02%	0.62%	11.15%
840	Memphis	10.31%	0.00%	0.00%	0.28%	-0.02%	0.03%	-0.07%	0.78%	1.00%	11.31%
842	Menard	0.00%	0.00%	0.00%	0.48%	0.00%	0.12%	0.00%	-0.33%	0.27%	0.27%
844	Mercedes	15.66%	0.00%	0.00%	0.29%	0.07%	0.09%	0.09%	-0.69%	-0.15%	15.51%
846	Meridian	3.25%	0.00%	0.00%	0.07%	-0.05%	0.18%	0.13%	-0.36%	-0.03%	3.22%
848	Merkel	12.82%	0.00%	0.00%	0.12%	-0.19%	-0.36%	0.11%	1.25%	0.93%	13.75%
852	Mertzon	10.57%	0.00%	0.00%	0.14%	0.02%	0.06%	-0.02%	0.35%	0.55%	11.12%
854	Mesquite	17.42%	1.47%	0.00%	0.40%	-0.02%	-0.13%	0.02%	-0.15%	1.59%	19.01%
856	Mexia	11.05%	0.00%	0.00%	0.30%	-0.01%	0.03%	-0.35%	-0.52%	-0.55%	10.50%
858	Miami	9.52%	0.00%	0.00%	0.36%	-0.11%	-0.39%	0.05%	-0.62%	-0.71%	8.81%
860	Midland	14.41%	0.00%	0.00%	0.39%	0.05%	0.21%	-0.06%	0.28%	0.87%	15.28%
862	Midlothian	15.10%	0.00%	0.00%	0.10%	-0.07%	-0.16%	0.09%	0.42%	0.38%	15.48%
863	Milano	7.77%	0.00%	0.00%	-0.05%	-2.47%	-0.08%	0.00%	-1.87%	-4.47%	3.30%
864	Miles	0.47%	0.00%	0.00%	0.08%	0.03%	0.23%	-0.01%	-0.07%	0.26%	0.73%
865	Milford	4.52%	0.00%	0.00%	0.37%	-0.36%	0.06%	-0.11%	1.08%	1.04%	5.56%
868	Mineola	10.10%	0.00%	0.00%	0.21%	-0.11%	-0.23%	0.44%	0.15%	0.46%	10.56%
870	Mineral Wells	7.95%	0.00%	0.00%	0.25%	-0.01%	0.04%	-0.07%	-0.21%	0.00%	7.95%
874	Mission	8.53%	-0.66%	0.00%	0.15%	-0.12%	-0.07%	0.02%	0.27%	-0.41%	8.12%
875	Missouri City	8.99%	1.46%	0.00%	0.28%	-0.28%	-0.13%	0.02%	-0.26%	1.09%	10.08%
876	Monahans	6.68%	0.00%	0.00%	0.31%	0.01%	0.04%	-0.03%	-0.49%	-0.16%	6.52%
887	Mont Belvieu	13.54%	0.00%	0.00%	0.06%	-0.03%	-0.15%	-0.49%	0.15%	-0.46%	13.08%
877	Montgomery	10.04%	0.00%	0.00%	-0.02%	-0.06%	-0.07%	-0.21%	0.33%	-0.03%	10.01%
878	Moody	2.04%	0.00%	0.00%	0.18%	0.00%	0.04%	-0.13%	-0.42%	-0.33%	1.71%
883	Morgan's Point	10.07%	0.00%	0.00%	0.41%	-0.06%	-0.04%	-0.19%	-0.46%	-0.34%	9.73%
882	Morgan's Point Resort	12.05%	0.00%	0.00%	0.12%	-0.08%	-0.14%	-0.24%	0.13%	-0.21%	11.84%
884	Morton	2.74%	0.00%	0.00%	0.56%	-0.06%	0.09%	0.35%	1.30%	2.24%	4.98%

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CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
886	Moulton	4.12%	9.46%	0.00%	0.44%	0.83%	0.14%	0.30%	1.42%	12.59%	16.71%
890	Mount Enterprise	3.21%	2.43%	0.00%	0.28%	0.16%	0.04%	0.00%	-1.20%	1.71%	4.92%
892	Mt. Pleasant	15.21%	0.00%	0.00%	0.20%	-0.10%	-0.44%	-0.14%	0.46%	-0.02%	15.19%
894	Mt. Vernon	8.87%	0.00%	0.00%	0.21%	-0.16%	-0.01%	0.64%	0.30%	0.98%	9.85%
896	Muenster	1.90%	0.00%	0.00%	0.24%	-0.01%	0.13%	0.22%	-0.39%	0.19%	2.09%
898	Muleshoe	20.80%	0.00%	0.00%	0.45%	0.23%	1.15%	0.03%	1.40%	3.26%	24.06%
901	Munday	3.77%	0.00%	0.00%	0.08%	-0.03%	-0.16%	0.00%	0.11%	0.00%	3.77%
903	Murphy	13.98%	0.00%	0.00%	0.12%	-0.01%	0.01%	0.01%	-0.05%	0.08%	14.06%
10904	Nacogdoches	14.30%	0.00%	0.00%	0.38%	-0.09%	-0.20%	-0.07%	0.56%	0.58%	14.88%
906	Naples	0.94%	0.00%	0.00%	0.15%	-0.06%	-0.27%	0.48%	0.02%	0.32%	1.26%
907	Nash	19.14%	0.00%	0.00%	0.07%	-0.09%	-0.40%	0.71%	-0.66%	-0.37%	18.77%
905	Nassau Bay	10.16%	0.00%	0.00%	0.19%	-0.03%	-0.01%	-0.08%	-0.52%	-0.45%	9.71%
909	Natalia	2.11%	0.00%	0.00%	0.03%	-0.01%	0.00%	0.14%	-0.05%	0.11%	2.22%
908	Navasota	5.94%	0.00%	0.00%	0.23%	-0.07%	0.00%	-0.22%	0.03%	-0.03%	5.91%
910	Nederland	7.17%	0.00%	0.00%	0.50%	-0.03%	0.00%	-0.02%	-0.12%	0.33%	7.50%
912	Needville	3.59%	0.00%	0.00%	0.16%	-0.02%	-0.01%	0.00%	0.19%	0.32%	3.91%
914	New Boston	1.13%	4.91%	0.00%	0.19%	0.31%	0.00%	0.40%	-0.24%	5.57%	6.70%
10916	New Braunfels	17.17%	0.00%	0.00%	0.16%	-0.07%	-0.35%	0.03%	0.61%	0.38%	17.55%
20916	New Braunfels Utilities	18.10%	0.00%	0.00%	0.16%	-0.09%	-0.42%	0.22%	0.95%	0.82%	18.92%
915	New Deal	0.36%	0.00%	0.00%	0.16%	0.00%	-0.21%	0.36%	-0.09%	0.22%	0.58%
923	New Fairview	6.12%	0.00%	0.00%	-0.06%	-0.47%	0.01%	1.68%	0.77%	1.93%	8.05%
918	New London	2.91%	0.00%	0.00%	0.33%	-0.02%	0.02%	0.06%	0.25%	0.64%	3.55%
919	New Summerfield	7.77%	0.00%	0.00%	0.03%	-0.02%	0.00%	0.43%	-0.15%	0.29%	8.06%
917	New Waverly	14.72%	0.00%	0.00%	0.20%	-0.09%	-0.12%	0.00%	0.49%	0.48%	15.20%
913	Newark	1.18%	0.00%	0.00%	0.00%	0.00%	-0.01%	0.07%	0.01%	0.07%	1.25%
920	Newton	19.03%	0.00%	0.00%	0.27%	-0.12%	0.02%	-0.03%	-1.59%	-1.45%	17.58%
922	Nixon	0.57%	0.00%	0.00%	0.04%	-0.16%	0.12%	0.05%	-0.08%	-0.03%	0.54%
924	Nocona	10.44%	0.00%	0.00%	0.23%	-0.07%	-0.05%	-0.12%	-0.18%	-0.19%	10.25%
925	Nolanville	4.92%	0.00%	0.00%	-0.04%	-0.05%	-0.01%	0.14%	-0.13%	-0.09%	4.83%
928	Normangee	3.94%	0.00%	0.00%	0.05%	-0.05%	0.07%	0.09%	0.13%	0.29%	4.23%
931	North Richland Hills	17.19%	0.00%	0.00%	0.43%	0.00%	-0.10%	0.11%	0.28%	0.72%	17.91%
930	Northlake	9.51%	0.00%	0.00%	-0.02%	-0.13%	-0.16%	0.11%	0.29%	0.09%	9.60%
935	O'Donnell	4.47%	0.00%	0.00%	0.22%	-0.15%	-0.30%	0.64%	0.32%	0.73%	5.20%
936	Oak Point	6.88%	1.67%	0.00%	0.08%	0.05%	-0.22%	-0.06%	0.29%	1.81%	8.69%
937	Oak Ridge North	11.68%	0.00%	0.00%	0.24%	-0.02%	-0.12%	0.00%	0.79%	0.89%	12.57%
942	Odem	6.42%	0.00%	0.00%	0.11%	-0.12%	0.03%	-0.01%	-0.38%	-0.37%	6.05%
944	Odessa	13.66%	0.00%	0.00%	0.38%	-0.01%	0.00%	-0.03%	0.64%	0.98%	14.64%
945	Oglesby	1.89%	0.00%	0.00%	0.38%	0.29%	0.08%	0.06%	-1.40%	-0.59%	1.30%
949	Old River-Winfree	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
950	Olmos Park	2.36%	0.00%	0.00%	0.21%	-0.03%	0.00%	0.11%	-0.12%	0.17%	2.53%
951	Olney	6.17%	0.00%	0.00%	0.08%	-0.09%	0.01%	0.07%	-0.37%	-0.30%	5.87%
953	Omaha	5.17%	0.00%	0.00%	0.08%	-0.06%	-0.08%	0.04%	-2.41%	-2.43%	2.74%
954	Onalaska	2.22%	5.99%	0.00%	0.00%	0.39%	-0.22%	0.02%	0.01%	6.19%	8.41%
958	Orange	14.88%	0.00%	0.00%	0.53%	0.01%	-0.10%	0.02%	0.69%	1.15%	16.03%
960	Orange Grove	7.28%	0.00%	0.00%	0.22%	-0.21%	0.11%	0.22%	0.43%	0.77%	8.05%
957	Orchard	8.80%	0.00%	0.00%	-0.19%	-0.22%	2.12%	0.01%	0.14%	1.86%	10.66%
959	Ore City	1.14%	0.00%	0.00%	0.08%	-0.01%	-0.05%	0.32%	-0.11%	0.23%	1.37%
962	Overton	3.98%	0.00%	0.00%	0.17%	0.03%	-0.21%	-0.24%	-0.09%	-0.34%	3.64%
961	Ovilla	10.55%	0.00%	0.00%	0.07%	-0.07%	-0.18%	0.39%	0.76%	0.97%	11.52%
963	Oyster Creek	9.81%	0.00%	0.00%	0.23%	0.00%	0.05%	0.52%	-0.37%	0.43%	10.24%
964	Paducah	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
966	Palacios	16.69%	-7.14%	0.00%	0.24%	-0.54%	0.01%	-0.77%	-0.43%	-8.63%	8.06%
968	Palestine	13.75%	0.00%	0.00%	0.31%	-0.01%	-0.02%	-0.13%	0.17%	0.32%	14.07%
970	Palmer	10.88%	1.07%	0.00%	0.03%	-0.12%	-0.21%	-0.03%	0.53%	1.27%	12.15%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
969	Palmhurst	5.30%	0.00%	0.00%	0.00%	-0.07%	-0.02%	0.00%	0.08%	-0.01%	5.29%
971	Palmview	1.66%	0.00%	0.00%	0.00%	-0.01%	-0.03%	0.07%	-0.05%	-0.02%	1.64%
972	Pampa	19.67%	0.00%	0.00%	0.28%	-0.13%	-0.13%	0.03%	0.62%	0.67%	20.34%
974	Panhandle	10.56%	0.00%	0.00%	0.21%	-0.05%	-0.25%	0.03%	0.43%	0.37%	10.93%
973	Panorama Village	3.81%	0.00%	0.00%	0.23%	-0.08%	-0.05%	-0.07%	-0.80%	-0.77%	3.04%
975	Pantego	15.01%	0.00%	0.00%	0.36%	-0.13%	-0.21%	0.02%	0.75%	0.79%	15.80%
976	Paris	4.59%	0.00%	0.00%	0.40%	-0.28%	-0.02%	0.70%	-0.03%	0.77%	5.36%
977	Parker	13.38%	0.00%	0.00%	0.08%	-0.11%	-0.25%	0.13%	0.47%	0.32%	13.70%
978	Pasadena	12.81%	0.00%	0.00%	0.46%	0.02%	0.21%	0.04%	-0.01%	0.72%	13.53%
983	Pearland	13.05%	0.00%	0.00%	0.11%	-0.05%	-0.08%	-0.08%	0.49%	0.39%	13.44%
984	Pearsall	3.48%	0.00%	0.00%	0.15%	-0.04%	-0.02%	0.00%	0.27%	0.36%	3.84%
988	Pecos City	6.14%	0.00%	0.00%	0.13%	-0.03%	0.00%	-0.02%	-0.06%	0.02%	6.16%
989	Pelican Bay	3.35%	0.00%	0.00%	-0.02%	-0.02%	0.52%	0.58%	0.08%	1.14%	4.49%
991	Penitas	3.86%	0.00%	0.00%	-0.02%	-0.02%	0.00%	0.09%	-0.06%	-0.01%	3.85%
994	Perryton	9.79%	0.00%	0.00%	0.45%	-0.13%	0.07%	0.27%	0.01%	0.67%	10.46%
1000	Pflugerville	13.87%	0.00%	0.00%	0.11%	-0.13%	-0.43%	0.25%	0.57%	0.37%	14.24%
1002	Pharr	12.10%	0.00%	0.00%	0.09%	-0.13%	-0.45%	0.01%	0.09%	-0.39%	11.71%
1004	Pilot Point	10.50%	0.00%	0.00%	0.03%	-0.18%	-0.17%	-0.08%	0.07%	-0.33%	10.17%
1005	Pinehurst	17.41%	0.00%	0.00%	0.30%	0.05%	0.18%	-0.11%	0.84%	1.26%	18.67%
1003	Pineland	3.22%	0.00%	0.00%	0.51%	-0.04%	0.09%	-0.02%	0.40%	0.94%	4.16%
1001	Piney Point Village	5.44%	2.30%	0.00%	0.12%	0.19%	0.02%	0.22%	-0.02%	2.83%	8.27%
1006	Pittsburg	10.22%	0.00%	0.00%	0.35%	-0.04%	-0.03%	-0.08%	0.52%	0.72%	10.94%
1007	Plains	3.97%	0.00%	0.00%	0.29%	-0.49%	0.06%	-0.07%	0.33%	0.12%	4.09%
1008	Plainview	11.18%	0.00%	0.00%	0.47%	-0.19%	-0.12%	-0.04%	0.34%	0.46%	11.64%
1010	Plano	16.60%	0.00%	0.00%	0.37%	-0.05%	-0.10%	0.00%	0.82%	1.04%	17.64%
1012	Pleasanton	15.01%	0.00%	0.00%	0.12%	-0.05%	-0.05%	0.03%	0.64%	0.69%	15.70%
1013	Point	9.40%	0.00%	0.00%	0.14%	-0.47%	0.37%	0.88%	-0.55%	0.37%	9.77%
1017	Ponder	5.74%	0.00%	0.00%	0.05%	-0.03%	-0.01%	-0.44%	-0.07%	-0.50%	5.24%
1014	Port Aransas	10.94%	3.46%	0.00%	0.09%	0.10%	-0.25%	0.13%	0.82%	4.35%	15.29%
11016	Port Arthur	13.86%	0.00%	0.00%	0.32%	0.00%	-0.12%	0.02%	0.59%	0.81%	14.67%
1018	Port Isabel	9.37%	0.00%	0.00%	0.11%	-0.03%	-0.69%	-0.02%	1.15%	0.52%	9.89%
1020	Port Lavaca	5.45%	0.00%	0.00%	0.17%	-0.08%	-0.10%	0.06%	0.63%	0.68%	6.13%
1022	Port Neches	14.42%	0.84%	0.00%	0.56%	-0.03%	-0.14%	0.10%	-0.75%	0.58%	15.00%
1019	Portland	17.63%	0.00%	0.00%	0.10%	-0.10%	-0.53%	0.28%	0.78%	0.53%	18.16%
1024	Post	17.50%	0.00%	0.00%	0.06%	-0.14%	-1.05%	-0.20%	0.51%	-0.82%	16.68%
1026	Poteet	2.36%	0.00%	0.00%	0.10%	-0.07%	0.07%	0.06%	0.04%	0.20%	2.56%
1028	Poth	4.34%	0.00%	0.00%	0.10%	-0.03%	-0.06%	0.04%	-0.13%	-0.08%	4.26%
1030	Pottsboro	6.30%	0.00%	0.00%	0.06%	-0.04%	0.01%	0.14%	-0.14%	0.03%	6.33%
1031	Prairie View	2.69%	0.00%	0.00%	-0.03%	-0.06%	-0.16%	-0.01%	-0.03%	-0.29%	2.40%
1032	Premont	0.00%	0.88%	0.00%	0.13%	0.06%	0.66%	-0.17%	-0.12%	1.44%	1.44%
1029	Presidio	0.57%	1.52%	0.00%	0.05%	0.08%	0.00%	-0.06%	-0.11%	1.48%	2.05%
1033	Primera	0.84%	3.23%	0.00%	0.07%	0.22%	0.06%	0.02%	-0.22%	3.38%	4.22%
1034	Princeton	11.79%	0.00%	0.00%	-0.01%	-0.23%	-0.17%	-0.02%	0.01%	-0.42%	11.37%
1036	Prosper	14.12%	0.00%	0.00%	-0.03%	-0.15%	-0.21%	0.13%	0.43%	0.17%	14.29%
1037	Providence Village	6.39%	0.00%	0.00%	-0.12%	-0.59%	-0.32%	-0.03%	0.54%	-0.52%	5.87%
1042	Quanah	3.13%	0.00%	0.00%	0.50%	-0.27%	-0.20%	-0.01%	-0.45%	-0.43%	2.70%
1045	Queen City	1.49%	4.72%	0.00%	0.11%	0.25%	-0.12%	0.17%	1.92%	7.05%	8.54%
1044	Quinlan	10.12%	0.00%	0.00%	-0.01%	-0.09%	0.05%	0.26%	-0.19%	0.02%	10.14%
1047	Quintana	8.49%	0.00%	0.00%	-0.04%	0.22%	0.10%	0.06%	-0.08%	0.26%	8.75%
1046	Quitaque	3.42%	0.00%	0.00%	0.07%	-0.07%	-0.02%	0.01%	-2.80%	-2.81%	0.61%
1048	Quitman	5.26%	0.00%	0.00%	0.24%	-0.20%	0.04%	-0.01%	0.00%	0.07%	5.33%
1050	Ralls	5.12%	0.00%	0.00%	0.64%	-0.08%	-0.33%	0.07%	0.99%	1.29%	6.41%
1051	Rancho Viejo	5.50%	0.00%	0.00%	0.31%	0.00%	0.02%	0.03%	-1.07%	-0.71%	4.79%
1052	Ranger	6.88%	0.00%	0.00%	0.11%	-0.13%	0.05%	-0.05%	0.07%	0.05%	6.93%



**Section 3**  
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**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
1054	Rankin	7.38%	0.00%	0.00%	0.18%	-0.32%	-0.02%	-0.01%	-4.48%	-4.65%	2.73%
1055	Ransom Canyon	13.67%	10.16%	0.00%	0.25%	0.89%	0.14%	0.21%	-16.20%	-4.55%	9.12%
1058	Raymondville	1.69%	0.00%	0.00%	0.28%	-0.02%	0.08%	0.12%	-0.11%	0.35%	2.04%
1061	Red Oak	6.43%	0.00%	0.00%	0.03%	-0.08%	-0.07%	0.00%	0.15%	0.03%	6.46%
1062	Redwater	2.65%	0.00%	0.00%	0.08%	0.00%	0.01%	-0.42%	-0.03%	-0.36%	2.29%
1064	Refugio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1065	Reklaw	15.26%	0.00%	0.00%	0.67%	-0.07%	0.13%	0.02%	-3.58%	-2.83%	12.43%
1066	Reno (Lamar County)	4.98%	0.00%	0.00%	0.07%	-0.01%	0.02%	-0.06%	0.02%	0.04%	5.02%
1069	Reno (Parker County)	3.23%	0.00%	0.00%	0.00%	-0.10%	0.15%	0.31%	0.04%	0.40%	3.63%
1067	Rhome	6.92%	0.00%	0.00%	0.06%	0.01%	-0.06%	-0.55%	-0.24%	-0.78%	6.14%
1068	Rice	1.21%	0.00%	0.00%	0.03%	-0.02%	-0.01%	0.28%	0.01%	0.29%	1.50%
1070	Richardson	14.33%	0.75%	0.00%	0.51%	0.03%	0.06%	0.04%	0.33%	1.72%	16.05%
1073	Richland Hills	16.02%	0.00%	0.00%	0.45%	-0.05%	-0.27%	0.44%	0.74%	1.31%	17.33%
1074	Richland Springs	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1076	Richmond	14.94%	0.00%	0.00%	0.27%	-0.01%	0.04%	0.09%	0.10%	0.49%	15.43%
1077	Richwood	11.51%	0.00%	0.00%	0.19%	0.00%	-0.17%	0.04%	0.81%	0.87%	12.38%
1072	Riesel	5.86%	0.00%	0.00%	0.03%	-0.04%	-0.18%	-0.05%	0.04%	-0.20%	5.66%
1075	Rio Grande City	6.91%	0.00%	0.00%	0.09%	-0.01%	-0.03%	0.06%	0.19%	0.30%	7.21%
1079	Rio Vista	3.30%	0.00%	0.00%	0.12%	-0.18%	-0.12%	0.44%	0.09%	0.35%	3.65%
1080	Rising Star	0.39%	0.00%	0.00%	0.06%	0.02%	-0.01%	0.09%	-0.06%	0.10%	0.49%
1082	River Oaks	13.25%	0.00%	0.00%	0.26%	-0.15%	-0.09%	0.01%	0.89%	0.92%	14.17%
1084	Roanoke	17.17%	0.00%	0.00%	0.14%	-0.12%	-0.29%	0.05%	0.68%	0.46%	17.63%
1088	Robert Lee	3.82%	0.00%	0.00%	0.06%	-0.21%	0.02%	0.03%	0.11%	0.01%	3.83%
1089	Robinson	14.08%	0.00%	0.00%	0.14%	-0.01%	-0.03%	0.56%	0.18%	0.84%	14.92%
21090	Robstown	4.91%	0.00%	0.00%	0.24%	0.07%	0.03%	0.25%	-0.63%	-0.04%	4.87%
11090	Robstown Utility Systems	18.07%	0.00%	0.00%	0.41%	0.11%	0.84%	0.10%	1.24%	2.70%	20.77%
1092	Roby	5.01%	0.00%	0.00%	0.76%	-0.14%	0.01%	0.00%	0.02%	0.65%	5.66%
1096	Rockdale	8.41%	0.00%	0.00%	0.15%	0.00%	-0.03%	0.09%	0.02%	0.23%	8.64%
1098	Rockport	17.41%	0.00%	0.00%	0.32%	-0.07%	-0.44%	0.49%	1.18%	1.48%	18.89%
1100	Rocksprings	1.67%	0.00%	0.00%	0.10%	0.03%	-0.17%	0.11%	-0.11%	-0.04%	1.63%
1102	Rockwall	15.02%	0.00%	0.00%	0.20%	-0.15%	-0.13%	0.06%	0.63%	0.61%	15.63%
1104	Rogers	8.10%	0.00%	0.00%	0.17%	-0.16%	0.04%	-0.01%	0.09%	0.13%	8.23%
1105	Rollingwood	11.91%	0.00%	0.00%	0.07%	-0.04%	-0.07%	0.59%	0.03%	0.58%	12.49%
1106	Roma	8.79%	0.00%	0.00%	0.22%	-0.04%	0.00%	0.18%	0.43%	0.79%	9.58%
1109	Roscoe	1.54%	0.00%	0.00%	0.13%	0.01%	-0.07%	-0.16%	-0.12%	-0.21%	1.33%
1112	Rosebud	1.80%	0.00%	0.00%	0.03%	0.00%	0.00%	-0.03%	0.00%	0.00%	1.80%
1114	Rosenberg	16.05%	0.00%	0.00%	0.22%	-0.01%	-0.04%	0.04%	0.47%	0.68%	16.73%
1116	Rotan	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1118	Round Rock	16.20%	0.00%	0.00%	0.18%	-0.07%	-0.23%	0.05%	0.85%	0.78%	16.98%
1119	Rowlett	13.09%	0.00%	0.00%	0.26%	-0.04%	-0.18%	0.04%	0.12%	0.20%	13.29%
1120	Royse City	15.60%	0.00%	0.00%	0.01%	-0.25%	-0.52%	0.02%	0.79%	0.05%	15.65%
1122	Rule	1.68%	0.00%	0.00%	0.16%	-0.79%	-0.38%	-0.63%	0.47%	-1.17%	0.51%
1123	Runaway Bay	1.72%	0.00%	0.00%	0.07%	-0.04%	0.08%	-0.10%	-0.02%	-0.01%	1.71%
1124	Runge	11.58%	0.00%	0.00%	0.45%	0.15%	1.00%	-0.04%	-1.37%	0.19%	11.77%
1126	Rusk	6.02%	0.00%	0.00%	0.20%	-0.08%	0.00%	-0.10%	0.42%	0.44%	6.46%
1128	Sabinal	1.92%	0.00%	0.00%	0.21%	-0.04%	0.09%	0.06%	0.08%	0.40%	2.32%
1129	Sachse	14.25%	0.00%	0.00%	0.14%	-0.09%	-0.15%	0.14%	0.27%	0.31%	14.56%
1131	Saginaw	21.25%	0.00%	0.00%	0.19%	-0.09%	-0.55%	0.12%	-0.07%	-0.40%	20.85%
1130	Saint Jo	5.20%	0.00%	0.00%	0.19%	-0.06%	0.14%	0.30%	0.18%	0.75%	5.95%
1133	Salado	5.85%	0.00%	0.00%	0.03%	-0.10%	0.25%	0.20%	-0.07%	0.31%	6.16%
1132	San Angelo	16.91%	0.00%	0.00%	0.39%	-0.06%	-0.16%	-0.03%	0.60%	0.74%	17.65%
21136	San Antonio	11.84%	1.24%	0.00%	0.26%	-0.03%	-0.40%	0.01%	-0.13%	0.95%	12.79%
11136	San Antonio Water System	3.61%	0.00%	0.00%	0.11%	0.00%	0.04%	0.01%	0.12%	0.28%	3.89%
1138	San Augustine	8.60%	0.00%	0.00%	0.36%	-0.10%	-0.08%	0.21%	-0.38%	0.01%	8.61%

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1140	San Benito	4.63%	0.00%	0.00%	0.14%	-0.01%	0.01%	0.00%	-0.02%	0.12%	4.75%
1144	San Felipe	3.62%	0.00%	0.00%	0.15%	-0.04%	-0.08%	0.00%	0.06%	0.09%	3.71%
1148	San Juan	4.24%	0.00%	0.00%	0.09%	0.03%	-0.01%	0.05%	-0.12%	0.04%	4.28%
1150	San Marcos	18.35%	0.00%	0.00%	0.22%	-0.04%	-0.06%	-0.22%	0.75%	0.65%	19.00%
1152	San Saba	8.79%	0.00%	0.00%	0.18%	-0.02%	-0.12%	0.05%	0.45%	0.54%	9.33%
1146	Sanger	8.61%	4.19%	0.00%	0.13%	0.23%	-0.37%	0.12%	-0.26%	4.04%	12.65%
1153	Sansom Park	6.72%	3.14%	0.00%	0.03%	0.05%	-0.01%	0.34%	0.14%	3.69%	10.41%
1155	Santa Fe	18.38%	0.00%	0.00%	0.20%	-0.02%	-0.19%	0.38%	0.67%	1.04%	19.42%
1158	Savoy	1.36%	0.00%	0.00%	0.14%	-0.14%	0.56%	-0.08%	0.08%	0.56%	1.92%
1159	Schertz	16.18%	0.00%	0.00%	0.11%	-0.12%	-0.32%	-0.10%	0.84%	0.41%	16.59%
1160	Schulenburg	17.93%	0.00%	0.00%	0.43%	-0.10%	-0.07%	0.29%	0.50%	1.05%	18.98%
1161	Seabrook	16.11%	0.00%	0.00%	0.28%	0.03%	-0.03%	-0.06%	0.04%	0.26%	16.37%
1162	Seadrift	2.31%	0.00%	0.00%	0.07%	-0.34%	-0.01%	-0.02%	0.07%	-0.23%	2.08%
1164	Seagoville	11.01%	0.00%	0.00%	0.16%	-0.12%	-0.29%	0.16%	0.67%	0.58%	11.59%
1166	Seagraves	8.40%	0.00%	0.00%	0.15%	-0.03%	-0.04%	0.06%	0.35%	0.49%	8.89%
1167	Sealy	12.67%	0.00%	0.00%	0.29%	0.07%	0.31%	0.45%	-0.07%	1.05%	13.72%
1168	Seguin	22.20%	0.00%	0.00%	0.18%	-0.09%	-0.47%	0.22%	0.44%	0.28%	22.48%
1169	Selma	15.25%	0.00%	0.00%	0.15%	-0.02%	-0.03%	0.16%	0.46%	0.72%	15.97%
1170	Seminole	11.83%	0.00%	0.00%	0.37%	-0.05%	-0.26%	0.20%	1.33%	1.59%	13.42%
1171	Seven Points	4.03%	0.00%	0.00%	0.15%	-0.03%	0.13%	-0.56%	-0.21%	-0.52%	3.51%
1172	Seymour	6.48%	0.00%	0.00%	0.32%	-0.08%	0.04%	0.01%	0.72%	1.01%	7.49%
1165	Shady Shores	10.86%	0.00%	0.00%	-0.17%	-1.04%	-0.63%	0.04%	0.70%	-1.10%	9.76%
1177	Shallowater	4.29%	0.00%	0.00%	0.17%	-0.10%	-0.01%	0.06%	0.34%	0.46%	4.75%
1174	Shamrock	8.84%	0.00%	0.00%	0.41%	-0.08%	-0.21%	0.01%	-2.92%	-2.79%	6.05%
1173	Shavano Park	14.29%	0.00%	0.00%	0.11%	-0.05%	-0.01%	0.52%	-0.81%	-0.24%	14.05%
1175	Shenandoah	18.45%	0.00%	0.00%	0.13%	-0.09%	-0.12%	0.23%	1.04%	1.19%	19.64%
1181	Shepherd	2.53%	0.00%	0.00%	0.14%	0.01%	-0.08%	0.37%	-0.06%	0.38%	2.91%
1176	Sherman	13.69%	0.00%	0.00%	0.32%	-0.14%	-0.38%	0.06%	0.54%	0.40%	14.09%
1178	Shiner	10.44%	0.00%	0.00%	0.16%	0.00%	0.24%	-0.02%	0.30%	0.68%	11.12%
1179	Shoreacres	4.43%	0.00%	0.00%	0.29%	0.03%	0.03%	0.09%	-0.28%	0.16%	4.59%
1180	Silsbee	18.55%	0.00%	0.00%	0.31%	0.00%	-0.28%	0.06%	0.53%	0.62%	19.17%
1182	Silverton	4.51%	0.00%	0.00%	0.51%	0.01%	0.02%	0.91%	-0.05%	1.40%	5.91%
1183	Simonton	10.69%	0.00%	0.00%	-0.18%	0.20%	-0.04%	0.00%	0.37%	0.35%	11.04%
1184	Sinton	12.76%	0.00%	0.00%	0.33%	-0.03%	-0.13%	-0.05%	0.47%	0.59%	13.35%
1185	Skellytown	1.91%	0.00%	0.00%	0.10%	-0.09%	0.39%	0.40%	-0.24%	0.56%	2.47%
1186	Slaton	6.47%	0.00%	0.00%	0.31%	0.01%	0.04%	0.43%	-0.29%	0.50%	6.97%
1188	Smithville	6.85%	3.66%	0.00%	0.11%	0.19%	-0.38%	-0.03%	0.72%	4.27%	11.12%
1189	Smyer	5.19%	0.00%	0.00%	0.14%	-0.35%	0.10%	0.68%	0.13%	0.70%	5.89%
1190	Snyder	13.25%	0.00%	0.00%	0.44%	0.04%	0.25%	0.01%	0.19%	0.93%	14.18%
1191	Somerset	2.39%	0.00%	0.00%	0.04%	-0.02%	0.04%	0.10%	-0.11%	0.05%	2.44%
1192	Somerville	4.06%	2.45%	0.00%	0.13%	0.13%	0.00%	-0.19%	-0.04%	2.48%	6.54%
1194	Sonora	7.34%	0.00%	0.00%	0.22%	-0.11%	0.06%	0.07%	0.64%	0.88%	8.22%
1196	Sour Lake	5.25%	0.00%	0.00%	0.10%	-0.04%	0.06%	0.34%	-0.14%	0.32%	5.57%
1198	South Houston	9.24%	0.00%	0.00%	0.30%	0.03%	0.05%	-0.07%	0.57%	0.88%	10.12%
1199	South Padre Island	12.50%	0.00%	0.00%	0.25%	-0.03%	-0.06%	-0.12%	0.46%	0.50%	13.00%
1197	Southlake	12.16%	0.00%	0.00%	0.20%	-0.09%	-0.07%	-0.04%	0.33%	0.33%	12.49%
1200	Southmayd	3.27%	0.00%	0.00%	0.00%	-0.07%	0.01%	0.00%	0.08%	0.02%	3.29%
1202	Southside Place	10.96%	0.00%	0.00%	0.18%	-0.02%	0.00%	0.06%	-0.40%	-0.18%	10.78%
1204	Spearmen	9.43%	0.00%	0.00%	0.39%	-0.07%	0.01%	-0.62%	0.93%	0.64%	10.07%
1201	Splendora	11.07%	0.00%	0.00%	-0.06%	-0.15%	-0.40%	0.04%	-0.07%	-0.64%	10.43%
1205	Spring Valley Village	6.13%	0.00%	0.00%	0.26%	-0.01%	-0.01%	0.10%	-0.30%	0.04%	6.17%
1203	Springtown	9.27%	0.00%	0.00%	0.16%	-0.11%	0.04%	0.18%	0.25%	0.52%	9.79%
1206	Spur	5.25%	0.00%	0.00%	0.35%	-0.09%	-0.81%	-0.09%	0.41%	-0.23%	5.02%
1207	Stafford	13.13%	0.00%	0.00%	0.25%	-0.03%	0.07%	0.45%	0.22%	0.96%	14.09%

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**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
1208	Stamford	3.10%	0.00%	0.00%	0.33%	-0.10%	-0.09%	-0.37%	0.10%	-0.13%	2.97%
1210	Stanton	5.08%	0.00%	0.00%	0.15%	-0.05%	-0.03%	0.02%	0.58%	0.67%	5.75%
1211	Star Harbor	15.89%	0.00%	0.00%	0.87%	0.44%	0.21%	0.54%	-7.57%	-5.51%	10.38%
1212	Stephenville	6.47%	0.00%	0.00%	0.34%	-0.12%	0.04%	0.02%	0.05%	0.33%	6.80%
1213	Sterling City	1.08%	0.00%	0.00%	0.11%	0.00%	0.00%	-0.01%	-0.05%	0.05%	1.13%
1214	Stinnett	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.10%	-0.10%	0.00%	0.00%
1216	Stockdale	4.21%	0.00%	0.00%	-0.06%	-0.68%	-0.05%	-0.13%	0.27%	-0.65%	3.56%
1218	Stratford	9.39%	0.00%	0.00%	0.07%	-0.12%	-0.22%	0.04%	0.90%	0.67%	10.06%
1224	Sudan	0.95%	0.61%	0.00%	0.11%	-0.16%	0.00%	0.01%	-0.39%	0.18%	1.13%
1225	Sugar Land	14.36%	0.00%	0.00%	0.23%	-0.01%	-0.08%	0.01%	0.08%	0.23%	14.59%
1223	Sullivan City	2.28%	0.00%	0.00%	-0.03%	0.03%	0.03%	0.19%	-0.03%	0.19%	2.47%
1226	Sulphur Springs	6.82%	0.29%	0.00%	0.33%	-0.07%	-0.02%	0.03%	-0.19%	0.37%	7.19%
1228	Sundown	11.66%	0.00%	0.00%	0.42%	0.13%	0.43%	0.64%	-0.58%	1.04%	12.70%
1229	Sunnyvale	11.06%	1.27%	0.00%	0.04%	0.03%	0.01%	0.02%	-0.13%	1.24%	12.30%
1230	Sunray	13.23%	0.00%	0.00%	0.36%	-0.05%	0.06%	0.35%	-2.23%	-1.51%	11.72%
1227	Sunrise Beach Village	1.59%	0.00%	0.00%	0.04%	0.00%	0.02%	-0.08%	-0.09%	-0.11%	1.48%
1231	Sunset Valley	10.91%	0.00%	0.00%	0.19%	-0.18%	-0.29%	-0.64%	0.72%	-0.20%	10.71%
1233	Surfside Beach	5.49%	0.00%	0.00%	0.00%	-0.03%	0.05%	0.08%	-0.08%	0.02%	5.51%
1232	Sweeny	14.77%	0.00%	0.00%	0.30%	-0.18%	-0.71%	0.39%	0.21%	0.01%	14.78%
1234	Sweetwater	16.44%	0.93%	0.00%	0.34%	0.02%	-0.32%	-0.06%	0.27%	1.18%	17.62%
1264	TMRS	15.06%	0.00%	0.00%	0.19%	-0.08%	-0.07%	-0.03%	0.66%	0.67%	15.73%
1236	Taft	15.81%	0.00%	0.00%	0.18%	0.02%	0.02%	-3.70%	-0.84%	-4.32%	11.49%
1238	Tahoka	1.99%	0.00%	0.00%	0.27%	-0.02%	0.21%	0.20%	-0.06%	0.60%	2.59%
1240	Talty	10.62%	0.00%	0.00%	-0.12%	-0.35%	-0.03%	-0.27%	-0.48%	-1.25%	9.37%
1241	Tatum	1.87%	0.00%	0.00%	0.05%	0.02%	0.02%	-0.02%	-0.47%	-0.40%	1.47%
1246	Taylor	12.70%	0.00%	0.00%	0.18%	-0.09%	-0.16%	0.24%	0.07%	0.24%	12.94%
1248	Teague	7.47%	0.00%	0.00%	0.24%	-0.47%	0.04%	0.48%	0.12%	0.41%	7.88%
1252	Temple	16.80%	0.00%	0.00%	0.29%	-0.16%	-0.45%	0.11%	0.83%	0.62%	17.42%
1254	Tenaha	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1256	Terrell	16.65%	0.00%	0.00%	0.27%	-0.11%	-0.32%	0.04%	1.31%	1.19%	17.84%
1258	Terrell Hills	15.70%	0.00%	0.00%	0.25%	0.06%	0.26%	0.01%	-0.47%	0.11%	15.81%
31263	Tex Municipal League IEBP	8.09%	0.49%	0.00%	0.18%	-0.06%	-0.22%	-0.04%	0.01%	0.36%	8.45%
21263	Tex Municipal League IRP	10.60%	0.00%	0.00%	0.41%	0.07%	-0.01%	0.05%	0.39%	0.91%	11.51%
21260	Texarkana	15.80%	0.00%	0.00%	0.48%	0.10%	0.13%	-0.04%	-0.03%	0.64%	16.44%
11260	Texarkana Police Dept	14.47%	0.00%	0.00%	0.51%	0.04%	0.22%	0.08%	0.88%	1.73%	16.20%
31260	Texarkana Water Utilities	16.70%	0.00%	0.00%	0.34%	0.02%	-0.26%	-0.04%	0.21%	0.27%	16.97%
1262	Texas City	16.88%	0.00%	0.00%	0.37%	-0.05%	-0.14%	0.09%	1.09%	1.36%	18.24%
11263	Texas Municipal League	13.66%	0.00%	0.00%	0.42%	0.06%	0.09%	0.01%	0.87%	1.45%	15.11%
1267	The Colony	13.45%	0.00%	0.00%	0.19%	-0.03%	-0.10%	-0.06%	0.06%	0.06%	13.51%
1269	Thompsons	5.61%	0.00%	0.00%	0.30%	0.43%	0.99%	0.00%	-0.31%	1.41%	7.02%
1268	Thorndale	7.04%	0.00%	0.00%	0.30%	-0.15%	-0.08%	0.08%	0.18%	0.33%	7.37%
1272	Thrall	5.26%	0.00%	0.00%	0.01%	-0.03%	0.04%	-0.02%	-1.97%	-1.97%	3.29%
1274	Three Rivers	24.38%	0.00%	0.00%	0.18%	0.21%	1.74%	0.13%	0.16%	2.42%	26.80%
1276	Throckmorton	6.01%	0.00%	0.00%	0.55%	0.04%	0.26%	-0.02%	1.61%	2.44%	8.45%
1277	Tiki Island	3.45%	0.00%	0.00%	0.07%	0.00%	0.00%	0.00%	-0.05%	0.02%	3.47%
1278	Timpson	0.70%	0.00%	0.00%	0.28%	-0.10%	-0.05%	-0.02%	0.20%	0.31%	1.01%
1280	Tioga	4.26%	0.00%	0.00%	0.01%	0.00%	0.01%	0.08%	-0.01%	0.09%	4.35%
1283	Tolar	7.18%	0.00%	0.00%	0.12%	-0.30%	0.06%	-0.05%	0.19%	0.02%	7.20%
1286	Tom Bean	2.54%	0.00%	0.00%	0.07%	-0.07%	0.08%	-0.02%	0.11%	0.17%	2.71%
1284	Tomball	13.04%	0.00%	0.00%	0.20%	-0.03%	-0.13%	0.26%	0.17%	0.47%	13.51%
1290	Trent	2.19%	0.00%	0.00%	0.24%	-0.22%	0.29%	1.40%	0.07%	1.78%	3.97%
1292	Trenton	3.67%	0.00%	0.00%	0.22%	-0.12%	0.09%	-0.13%	0.10%	0.16%	3.83%
1293	Trinidad	14.50%	0.00%	0.00%	0.13%	0.41%	0.49%	-0.01%	0.37%	1.39%	15.89%
1294	Trinity	5.52%	0.00%	0.00%	0.13%	-0.14%	0.19%	0.27%	-0.10%	0.35%	5.87%

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CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
1295	Trophy Club	12.68%	0.00%	0.00%	0.19%	0.00%	0.11%	-0.16%	0.08%	0.22%	12.90%
1296	Troup	5.33%	3.32%	0.00%	0.09%	0.24%	0.04%	-0.16%	0.00%	3.53%	8.86%
1297	Troy	9.56%	0.00%	0.00%	0.04%	-0.16%	-0.02%	-0.32%	0.33%	-0.13%	9.43%
1298	Tulia	8.46%	0.00%	0.00%	0.46%	0.02%	0.02%	-0.12%	0.78%	1.16%	9.62%
1299	Turkey	5.24%	0.00%	0.00%	0.18%	-0.03%	-0.03%	0.00%	0.10%	0.22%	5.46%
1300	Tuscola	4.67%	0.00%	0.00%	-0.07%	-0.10%	0.76%	-0.21%	1.46%	1.84%	6.51%
1301	Tye	5.80%	0.00%	0.00%	0.08%	0.10%	0.23%	-0.03%	-0.49%	-0.11%	5.69%
1304	Tyler	20.65%	0.00%	0.00%	0.31%	-0.10%	-0.38%	0.08%	1.02%	0.93%	21.58%
1307	Uhland	13.00%	0.00%	0.00%	-0.21%	-0.23%	0.12%	-0.40%	0.12%	-0.60%	12.40%
1305	Universal City	18.83%	0.00%	0.00%	0.23%	0.01%	-0.21%	0.23%	0.50%	0.76%	19.59%
1306	University Park	8.17%	0.00%	0.00%	0.42%	-0.07%	-0.06%	0.02%	0.11%	0.42%	8.59%
1308	Uvalde	8.80%	0.00%	0.00%	0.12%	-0.05%	0.01%	0.01%	0.05%	0.14%	8.94%
1312	Valley Mills	1.65%	0.00%	0.00%	-0.01%	-0.06%	0.04%	-0.16%	-0.01%	-0.20%	1.45%
1313	Valley View	1.64%	3.32%	0.00%	-0.02%	0.22%	0.02%	-0.51%	-0.16%	2.87%	4.51%
1314	Van	6.30%	0.00%	0.00%	0.15%	-0.03%	0.00%	0.53%	0.00%	0.65%	6.95%
1316	Van Alstyne	12.86%	0.00%	0.00%	0.01%	-0.22%	-0.54%	-0.11%	0.65%	-0.21%	12.65%
1318	Van Horn	7.98%	0.00%	0.00%	0.25%	-0.05%	-0.06%	0.23%	-0.11%	0.26%	8.24%
1320	Vega	20.67%	0.00%	0.00%	0.43%	-0.01%	0.26%	0.00%	-11.38%	-10.70%	9.97%
1324	Venus	10.80%	0.00%	0.00%	0.01%	-0.24%	0.05%	-0.05%	0.12%	-0.11%	10.69%
1326	Vernon	11.77%	0.00%	0.00%	0.37%	-0.07%	-0.14%	-0.11%	0.48%	0.53%	12.30%
1328	Victoria	16.11%	0.00%	0.00%	0.39%	0.06%	0.32%	-0.02%	0.41%	1.16%	17.27%
1329	Vidor	14.32%	0.00%	0.00%	0.35%	-0.03%	-0.06%	-0.19%	0.74%	0.81%	15.13%
1500	Village Fire Department	6.22%	0.00%	0.00%	0.29%	-0.09%	-0.05%	0.03%	-0.29%	-0.11%	6.11%
1327	Village of the Hills	9.01%	3.13%	0.00%	-0.12%	0.58%	-0.10%	0.01%	0.26%	3.76%	12.77%
1330	Waco	13.67%	0.00%	0.00%	0.35%	-0.20%	-0.33%	0.00%	0.43%	0.25%	13.92%
1332	Waelder	2.05%	0.00%	0.00%	0.06%	-0.04%	-0.04%	0.05%	-0.10%	-0.07%	1.98%
1334	Wake Village	13.88%	0.00%	0.00%	0.22%	-0.04%	-0.10%	0.05%	0.07%	0.20%	14.08%
1336	Waller	11.36%	0.00%	0.00%	0.08%	0.03%	0.11%	-0.88%	-0.06%	-0.72%	10.64%
1337	Wallis	2.13%	0.30%	0.00%	0.10%	-0.23%	-0.03%	0.00%	0.11%	0.25%	2.38%
1338	Walnut Springs	4.03%	0.00%	0.00%	0.16%	-1.22%	-0.45%	-0.26%	0.25%	-1.52%	2.51%
1340	Waskom	23.29%	0.00%	0.00%	0.20%	0.20%	-0.11%	0.32%	0.22%	0.83%	24.12%
1341	Watauga	14.74%	0.00%	0.00%	0.33%	-0.20%	-0.28%	0.53%	1.41%	1.79%	16.53%
1342	Waxahachie	15.89%	0.00%	0.00%	0.16%	-0.05%	-0.24%	0.28%	0.67%	0.82%	16.71%
1344	Weatherford	13.51%	0.00%	0.00%	0.34%	-0.09%	-0.11%	0.17%	0.71%	1.02%	14.53%
1345	Webster	17.08%	0.00%	0.00%	0.32%	-0.04%	-0.08%	0.16%	1.15%	1.51%	18.59%
1346	Weimar	13.14%	0.00%	0.00%	0.43%	-0.13%	-0.22%	-0.07%	-0.25%	-0.24%	12.90%
1350	Wellington	2.75%	2.32%	0.00%	0.59%	0.16%	0.08%	-0.01%	-2.67%	0.47%	3.22%
1352	Wells	3.36%	0.00%	0.00%	0.04%	-0.12%	-0.01%	0.08%	0.09%	0.08%	3.44%
1354	Weslaco	7.49%	0.60%	0.00%	0.26%	-0.03%	-0.17%	0.04%	-0.01%	0.69%	8.18%
1356	West	4.93%	0.00%	0.00%	0.22%	-0.16%	0.01%	0.01%	-0.01%	0.07%	5.00%
1358	West Columbia	3.78%	0.00%	0.00%	0.21%	-0.02%	0.01%	0.09%	-0.19%	0.10%	3.88%
1359	West Lake Hills	16.08%	0.00%	0.00%	0.27%	-0.05%	-0.12%	1.45%	0.64%	2.19%	18.27%
1361	West Orange	19.01%	0.00%	0.00%	0.49%	0.03%	-0.12%	0.02%	-1.33%	-0.91%	18.10%
1365	West Tawakoni	5.05%	0.00%	0.00%	0.18%	-0.52%	0.05%	0.53%	0.39%	0.63%	5.68%
1364	West University Place	12.52%	0.00%	0.00%	0.29%	-0.01%	0.00%	-0.23%	-0.33%	-0.28%	12.24%
1363	Westlake	11.87%	0.00%	0.00%	0.06%	-0.06%	-0.19%	0.46%	-0.10%	0.17%	12.04%
1362	Westover Hills	5.63%	0.00%	0.00%	0.07%	-0.03%	0.00%	0.21%	-0.25%	0.00%	5.63%
1366	Westworth Village	10.40%	0.00%	0.00%	0.14%	-0.13%	0.01%	-0.52%	-0.16%	-0.66%	9.74%
1368	Wharton	4.94%	0.00%	0.00%	0.21%	-0.04%	0.04%	-0.11%	0.74%	0.84%	5.78%
1370	Wheeler	10.38%	0.00%	0.00%	0.52%	0.19%	0.16%	-0.21%	-0.21%	0.45%	10.83%
1372	White Deer	10.59%	0.00%	0.00%	0.13%	-0.04%	-0.44%	-0.14%	-1.19%	-1.68%	8.91%
1377	White Oak	13.94%	0.00%	0.00%	0.42%	0.01%	-0.14%	0.15%	1.06%	1.50%	15.44%
1378	White Settlement	16.96%	0.00%	0.00%	0.26%	-0.05%	-0.11%	0.23%	0.78%	1.11%	18.07%
1374	Whiteface	2.64%	0.00%	0.00%	0.31%	-0.01%	-0.25%	-0.02%	-0.33%	-0.30%	2.34%

**Section 3**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**Changes in Full Retirement Rate from Prior Valuation Report**

CITY NUMBER	CITY NAME	2023 Rates	Assumption &		Return on AVA	Contributions &		Normal Cost	Liability Growth	Total Change	2024 Rates
			Benefit Changes	Method Changes		Fully Amortized Prior Bases	Payroll Growth				
1375	Whitehouse	7.98%	0.09%	0.00%	0.13%	-0.11%	0.00%	0.18%	-0.69%	-0.40%	7.58%
1376	Whitesboro	5.53%	0.00%	0.00%	0.19%	-0.09%	-0.05%	0.09%	-0.01%	0.13%	5.66%
1380	Whitewright	2.67%	0.00%	0.00%	0.11%	-0.06%	0.11%	-0.08%	0.08%	0.16%	2.83%
1382	Whitney	3.08%	0.00%	0.00%	0.10%	-0.10%	0.02%	-0.17%	0.06%	-0.09%	2.99%
1384	Wichita Falls	16.18%	0.00%	0.00%	0.35%	-0.10%	-0.51%	-0.06%	0.64%	0.32%	16.50%
1386	Willis	8.47%	0.00%	0.00%	0.14%	-0.02%	-0.01%	0.36%	-0.82%	-0.35%	8.12%
1387	Willow Park	6.91%	0.00%	0.00%	0.00%	-0.11%	-0.01%	0.11%	-0.24%	-0.25%	6.66%
1388	Wills Point	10.43%	0.00%	0.00%	0.28%	-0.07%	-0.01%	0.00%	0.64%	0.84%	11.27%
1390	Wilmer	5.25%	0.00%	0.00%	0.05%	-0.08%	0.01%	-0.22%	0.13%	-0.11%	5.14%
1392	Wimberley	6.11%	0.00%	0.00%	0.01%	-0.08%	-0.16%	0.14%	-0.55%	-0.64%	5.47%
1393	Windcrest	6.89%	3.71%	0.00%	0.16%	0.23%	-0.13%	0.00%	0.60%	4.57%	11.46%
1395	Winfield	2.52%	0.00%	0.00%	0.03%	0.01%	-0.01%	0.00%	-0.04%	-0.01%	2.51%
1396	Wink	6.01%	0.00%	0.00%	0.06%	0.02%	-0.03%	-0.06%	-0.08%	-0.09%	5.92%
1398	Winnsboro	8.85%	0.00%	0.00%	0.20%	0.02%	0.07%	-0.26%	0.43%	0.46%	9.31%
1399	Winona	6.35%	0.00%	0.00%	0.30%	0.12%	-0.39%	0.20%	0.11%	0.34%	6.69%
1400	Winters	7.15%	0.00%	0.00%	0.42%	-0.31%	-0.02%	-0.09%	0.43%	0.43%	7.58%
1403	Wolforth	10.90%	0.00%	0.00%	0.08%	-0.16%	-0.64%	0.16%	0.58%	0.02%	10.92%
1409	Woodcreek	9.15%	0.00%	0.00%	-0.01%	0.00%	-0.11%	-0.37%	-0.12%	-0.61%	8.54%
1404	Woodsboro	1.85%	5.64%	0.00%	0.09%	0.38%	0.02%	-0.11%	-0.22%	5.80%	7.65%
1406	Woodville	16.79%	0.00%	0.00%	0.27%	0.00%	-0.28%	0.03%	0.75%	0.77%	17.56%
1407	Woodway	17.23%	0.00%	0.00%	0.22%	-0.10%	-0.16%	0.21%	0.57%	0.74%	17.97%
1408	Wortham	6.15%	0.00%	0.00%	0.13%	-0.03%	-0.01%	0.00%	0.03%	0.12%	6.27%
1410	Wylie	14.96%	0.00%	0.00%	0.13%	-0.07%	-0.12%	0.17%	0.23%	0.34%	15.30%
1412	Yoakum	16.98%	0.00%	0.00%	0.40%	0.04%	0.39%	-0.11%	1.62%	2.34%	19.32%
1414	Yorktown	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1415	Zavalla	2.12%	0.00%	0.00%	0.18%	0.05%	-0.13%	0.47%	-0.50%	0.07%	2.19%

## **SECTION 4**

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### **COMPARISON OF EXPECTED CITY CONTRIBUTION DOLLAR AMOUNTS FOR 2023 AND 2024**

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
4	Abernathy	\$830,498	3.71%	\$30,811	\$853,337	3.57%	\$30,464
6	Abilene	\$63,241,081	10.08%	\$6,374,701	\$64,980,211	10.25%	\$6,660,472
7	Addison	\$25,731,739	16.09%	\$4,140,237	\$26,439,362	16.95%	\$4,481,472
8	Agua Dulce	\$95,103	9.15%	\$8,702	\$97,718	9.58%	\$9,361
10	Alamo	\$6,106,677	5.92%	\$361,515	\$6,274,611	6.00%	\$376,477
12	Alamo Heights	\$6,460,277	16.21%	\$1,047,211	\$6,631,474	16.84%	\$1,116,740
14	Alba	\$264,658	13.52%	\$35,782	\$271,936	13.07%	\$35,542
16	Albany	\$516,556	4.45%	\$22,987	\$530,761	4.67%	\$24,787
17	Aledo	\$1,012,839	13.69%	\$138,658	\$1,040,692	10.97%	\$114,164
18	Alice	\$10,870,982	4.10%	\$445,710	\$11,126,450	4.52%	\$502,916
19	Allen	\$60,347,842	14.46%	\$8,726,298	\$62,007,408	15.19%	\$9,418,925
20	Alpine	\$3,759,832	1.65%	\$62,037	\$3,863,227	1.77%	\$68,379
22	Alto	\$546,857	9.79%	\$53,537	\$561,896	11.04%	\$62,033
23	Alton	\$4,769,930	11.34%	\$540,910	\$4,901,103	11.69%	\$572,939
24	Alvarado	\$3,731,523	6.18%	\$230,608	\$3,834,140	6.50%	\$249,219
26	Alvin	\$13,617,041	16.95%	\$2,308,088	\$13,991,510	17.42%	\$2,437,321
28	Alvord	\$361,771	5.58%	\$20,187	\$370,273	5.01%	\$18,551
30	Amarillo	\$95,313,017	11.00%	\$10,484,432	\$97,934,125	11.30%	\$11,066,556
32	Amherst	\$212,172	0.00%	\$0	\$215,885	0.00%	\$0
34	Anahuac	\$482,791	7.31%	\$35,292	\$491,240	7.46%	\$36,647
36	Andrews	\$6,039,609	15.98%	\$965,130	\$6,205,698	16.08%	\$997,876
38	Angleton	\$8,576,701	11.06%	\$948,583	\$8,812,560	11.83%	\$1,042,526
40	Anna	\$10,880,302	14.07%	\$1,530,858	\$11,179,510	14.25%	\$1,593,080
41	Annetta	\$220,577	10.04%	\$22,146	\$226,643	8.04%	\$18,222
44	Anson	\$962,847	1.46%	\$14,058	\$989,325	1.55%	\$15,335
45	Anthony	\$1,422,883	10.57%	\$150,399	\$1,462,012	10.29%	\$150,441
48	Aransas Pass	\$6,446,217	9.40%	\$605,944	\$6,623,488	10.06%	\$666,323
50	Archer City	\$712,290	5.05%	\$35,971	\$731,878	4.94%	\$36,155
49	Arcola	\$1,092,889	3.38%	\$36,940	\$1,122,943	2.96%	\$33,239
51	Argyle	\$2,427,601	10.37%	\$251,742	\$2,494,360	10.42%	\$259,912
52	Arlington	\$210,829,283	9.65%	\$20,345,026	\$216,627,088	10.74%	\$23,265,749
54	Arp	\$507,345	10.02%	\$50,836	\$521,297	10.17%	\$53,016
60	Aspermont	\$335,314	0.00%	\$0	\$342,859	0.00%	\$0
62	Athens	\$7,987,635	16.17%	\$1,291,601	\$8,207,295	16.90%	\$1,387,033
64	Atlanta	\$1,786,926	5.86%	\$104,714	\$1,828,919	6.18%	\$113,027
66	Aubrey	\$5,803,596	5.83%	\$338,350	\$5,963,195	5.63%	\$335,728
67	Aurora	\$46,531	13.70%	\$6,375	\$47,811	13.56%	\$6,483
72	Avery	\$91,886	1.72%	\$1,580	\$94,413	1.50%	\$1,416
74	Avinger	\$45,811	2.38%	\$1,090	\$47,071	1.78%	\$838
75	Azle	\$9,291,420	16.87%	\$1,567,463	\$9,546,934	17.49%	\$1,669,759
77	Baird	\$470,583	1.00%	\$4,706	\$483,524	0.90%	\$4,352
78	Balch Springs	\$11,719,089	14.11%	\$1,653,563	\$12,041,364	15.11%	\$1,819,450
79	Balcones Heights	\$3,366,708	10.73%	\$361,248	\$3,459,292	10.91%	\$377,409
80	Ballinger	\$1,603,801	17.73%	\$284,354	\$1,647,906	17.62%	\$290,361
82	Balmorea	\$39,066	0.00%	\$0	\$39,750	0.00%	\$0

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
83	Bandera	\$863,390	9.94%	\$85,821	\$887,133	9.64%	\$85,520
84	Bangs	\$494,521	8.98%	\$44,408	\$508,120	10.21%	\$51,879
90	Bartlett	\$834,699	7.31%	\$61,016	\$853,480	7.66%	\$65,377
91	Bartonville	\$595,375	15.74%	\$93,712	\$611,748	13.67%	\$83,626
92	Bastrop	\$9,278,394	11.57%	\$1,073,510	\$9,533,550	9.95%	\$948,588
94	Bay City	\$8,756,086	9.43%	\$825,699	\$8,988,122	9.94%	\$893,419
93	Bayou Vista	\$446,145	2.61%	\$11,644	\$458,414	3.00%	\$13,752
96	Baytown	\$73,583,079	17.56%	\$12,921,189	\$75,606,614	18.62%	\$14,077,952
98	Beaumont	\$70,073,592	19.47%	\$13,643,328	\$71,930,542	21.04%	\$15,134,186
100	Bedford	\$25,235,294	16.80%	\$4,239,529	\$25,929,265	17.00%	\$4,407,975
101	Bee Cave	\$4,050,336	9.58%	\$388,022	\$4,161,720	9.71%	\$404,103
102	Beeville	\$4,950,194	1.16%	\$57,422	\$5,056,623	1.24%	\$62,702
106	Bellaire	\$12,184,389	20.26%	\$2,468,557	\$12,519,460	22.12%	\$2,769,305
109	Bellmead	\$4,142,989	10.98%	\$454,900	\$4,256,921	12.08%	\$514,236
110	Bells	\$487,256	3.70%	\$18,028	\$500,656	4.14%	\$20,727
112	Bellville	\$2,722,550	16.96%	\$461,744	\$2,791,975	17.52%	\$489,154
114	Belton	\$10,228,831	10.16%	\$1,039,249	\$10,510,124	10.70%	\$1,124,583
118	Benbrook	\$10,862,384	16.05%	\$1,743,413	\$11,161,100	17.07%	\$1,905,200
120	Benjamin	\$131,561	11.65%	\$15,327	\$135,179	11.25%	\$15,208
121	Berryville	\$144,617	2.97%	\$4,295	\$147,148	2.42%	\$3,561
123	Bertram	\$940,275	4.49%	\$42,218	\$966,133	4.44%	\$42,896
119	Beverly Hills	\$859,337	2.28%	\$19,593	\$882,969	2.08%	\$18,366
124	Big Lake	\$1,572,936	18.65%	\$293,353	\$1,616,192	19.84%	\$320,652
126	Big Sandy	\$459,213	6.33%	\$29,068	\$471,841	6.47%	\$30,528
128	Big Spring	\$10,406,511	17.87%	\$1,859,644	\$10,619,844	18.48%	\$1,962,547
132	Bishop	\$929,348	2.93%	\$27,230	\$954,905	3.69%	\$35,236
134	Blanco	\$1,080,505	6.55%	\$70,773	\$1,110,219	6.06%	\$67,279
140	Blooming Grove	\$169,980	11.36%	\$19,310	\$174,654	12.64%	\$22,076
142	Blossom	\$227,268	4.89%	\$11,113	\$233,518	4.83%	\$11,279
143	Blue Mound	\$1,228,879	6.15%	\$75,576	\$1,262,673	5.61%	\$70,836
144	Blue Ridge	\$277,936	2.22%	\$6,170	\$285,579	1.77%	\$5,055
148	Boerne	\$19,054,921	18.63%	\$3,549,932	\$19,578,931	19.23%	\$3,765,028
150	Bogata	\$266,916	0.16%	\$427	\$274,256	0.00%	\$0
152	Bonham	\$6,240,567	9.49%	\$592,230	\$6,412,183	9.20%	\$589,921
154	Booker	\$547,663	6.08%	\$33,298	\$560,533	6.48%	\$36,323
156	Borger	\$9,444,433	13.47%	\$1,272,165	\$9,704,155	15.22%	\$1,476,972
158	Bovina	\$402,587	0.30%	\$1,208	\$413,658	0.52%	\$2,151
160	Bowie	\$4,355,574	9.15%	\$398,535	\$4,440,508	9.53%	\$423,180
162	Boyd	\$1,016,682	3.89%	\$39,549	\$1,044,641	3.16%	\$33,011
166	Brady	\$4,884,950	9.33%	\$455,766	\$5,019,286	9.55%	\$479,342
170	Brazoria	\$1,285,635	6.02%	\$77,395	\$1,320,990	5.14%	\$67,899
172	Breckenridge	\$2,230,293	6.04%	\$134,710	\$2,278,244	6.40%	\$145,808
174	Bremond	\$250,307	16.54%	\$41,401	\$257,190	12.86%	\$33,075
176	Brenham	\$12,844,894	17.11%	\$2,197,761	\$13,198,129	17.73%	\$2,340,028
177	Bridge City	\$4,004,300	17.29%	\$692,343	\$4,114,418	19.92%	\$819,592

\*Reflects phase-in, when applicable.



**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
178	Bridgeport	\$4,390,060	13.01%	\$571,147	\$4,466,886	14.27%	\$637,425
180	Bronte	\$195,158	8.73%	\$17,037	\$198,573	8.67%	\$17,216
182	Brookshire	\$2,375,713	9.39%	\$223,079	\$2,441,045	8.98%	\$219,206
184	Brownfield	\$4,235,546	2.22%	\$94,029	\$4,352,024	1.71%	\$74,420
186	Brownsboro	\$318,877	11.76%	\$37,500	\$327,646	11.28%	\$36,958
10188	Brownsville	\$68,607,478	17.14%	\$11,759,322	\$70,494,184	18.10%	\$12,759,447
20188	Brownsville PUB	\$32,799,607	17.24%	\$5,654,652	\$33,701,596	18.35%	\$6,184,243
10190	Brownwood	\$10,959,102	13.44%	\$1,472,903	\$11,260,477	14.46%	\$1,628,265
30190	Brownwood Health Dept.	\$873,473	10.59%	\$92,501	\$897,494	9.61%	\$86,249
20190	Brownwood Public Library	\$130,301	0.00%	\$0	\$133,884	0.00%	\$0
195	Bruceville-Eddy	\$603,294	4.34%	\$26,183	\$619,885	4.76%	\$29,507
192	Bryan	\$70,882,384	8.85%	\$6,273,091	\$72,831,650	9.46%	\$6,889,874
193	Bryson	\$101,869	0.00%	\$0	\$104,670	0.00%	\$0
194	Buda	\$8,471,010	14.17%	\$1,200,342	\$8,703,963	12.80%	\$1,114,107
196	Buffalo	\$662,138	3.96%	\$26,221	\$674,388	3.88%	\$26,166
198	Bullard	\$1,541,611	12.64%	\$194,860	\$1,584,005	12.78%	\$202,436
203	Bulverde	\$1,976,491	9.00%	\$177,884	\$2,030,845	9.07%	\$184,198
199	Bunker Hill Village	\$802,566	10.10%	\$81,059	\$823,031	10.97%	\$90,287
200	Burkburnett	\$3,595,408	10.38%	\$373,203	\$3,694,282	10.74%	\$396,766
202	Burleson	\$31,210,848	16.97%	\$5,296,481	\$32,069,146	17.44%	\$5,592,859
204	Burnet	\$8,224,982	12.65%	\$1,040,460	\$8,451,169	12.52%	\$1,058,086
205	Byers	\$87,470	6.96%	\$6,088	\$89,875	6.57%	\$5,905
207	Cactus	\$2,829,567	9.59%	\$271,355	\$2,907,380	9.53%	\$277,073
208	Caddo Mills	\$1,253,146	5.63%	\$70,552	\$1,287,608	5.72%	\$73,651
210	Caldwell	\$2,786,228	7.58%	\$211,196	\$2,860,063	7.65%	\$218,795
211	Callisburg	\$62,975	7.27%	\$4,578	\$64,707	7.25%	\$4,691
212	Calvert	\$487,433	15.93%	\$77,648	\$500,837	13.82%	\$69,216
214	Cameron	\$2,086,044	11.17%	\$233,011	\$2,139,238	12.05%	\$257,778
216	Campbell	\$64,195	41.87%	\$26,878	\$65,960	23.11%	\$15,243
220	Canadian	\$1,131,481	18.36%	\$207,740	\$1,162,597	19.50%	\$226,706
221	Caney City	\$155,984	1.52%	\$2,371	\$160,274	2.17%	\$3,478
222	Canton	\$3,952,238	10.54%	\$416,566	\$4,060,925	11.29%	\$458,478
224	Canyon	\$7,455,167	13.56%	\$1,010,921	\$7,660,184	13.80%	\$1,057,105
227	Carmine	\$70,367	0.00%	\$0	\$71,669	0.00%	\$0
228	Carrizo Springs	\$1,862,642	4.29%	\$79,907	\$1,913,865	4.38%	\$83,827
230	Carrollton	\$67,868,310	10.84%	\$7,356,925	\$69,666,820	11.62%	\$8,095,284
232	Carthage	\$4,694,067	19.65%	\$922,384	\$4,804,378	21.48%	\$1,031,980
231	Castle Hills	\$3,766,650	12.20%	\$459,531	\$3,870,233	12.85%	\$497,325
234	Castroville	\$2,746,064	8.67%	\$238,084	\$2,821,581	8.47%	\$238,988
238	Cedar Hill	\$27,212,894	14.80%	\$4,027,508	\$27,961,249	15.62%	\$4,367,547
239	Cedar Park	\$38,785,845	16.85%	\$6,535,415	\$39,852,456	17.30%	\$6,894,475
240	Celeste	\$137,930	3.57%	\$4,924	\$141,723	2.46%	\$3,486
242	Celina	\$17,070,156	11.47%	\$1,957,947	\$17,539,585	11.93%	\$2,092,472
244	Center	\$3,641,289	10.71%	\$389,982	\$3,741,424	11.14%	\$416,795
246	Centerville	\$261,633	15.32%	\$40,082	\$268,828	12.91%	\$34,706

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
247	Chandler	\$1,494,276	9.42%	\$140,761	\$1,535,369	9.12%	\$140,026
248	Charlotte	\$615,389	2.83%	\$17,416	\$632,312	3.41%	\$21,562
249	Chester	\$34,248	0.00%	\$0	\$34,847	0.00%	\$0
245	Chico	\$211,838	4.29%	\$9,088	\$216,393	5.05%	\$10,928
250	Childress	\$2,315,173	16.97%	\$392,885	\$2,378,840	16.76%	\$398,694
251	Chillicothe	\$288,737	3.67%	\$10,597	\$296,677	1.79%	\$5,311
253	Chireno	\$381,577	21.54%	\$82,192	\$392,070	21.89%	\$85,824
254	Christine	\$43,806	0.00%	\$0	\$45,011	0.00%	\$0
255	Cibolo	\$9,845,337	11.56%	\$1,138,121	\$10,116,084	12.75%	\$1,289,801
256	Cisco	\$1,648,649	7.19%	\$118,538	\$1,693,987	7.49%	\$126,880
258	Clarendon	\$453,890	1.19%	\$5,401	\$466,372	0.90%	\$4,197
259	Clarksville	\$737,103	2.00%	\$14,742	\$750,739	2.22%	\$16,666
260	Clarksville City	\$229,413	3.78%	\$8,672	\$235,722	3.81%	\$8,981
263	Clear Lake Shores	\$1,091,034	10.82%	\$118,050	\$1,121,037	9.30%	\$104,256
264	Cleburne	\$16,847,357	15.80%	\$2,661,882	\$17,276,965	16.99%	\$2,935,356
266	Cleveland	\$5,096,045	10.59%	\$539,671	\$5,225,994	10.04%	\$524,690
268	Clifton	\$1,275,089	6.38%	\$81,351	\$1,310,154	6.87%	\$90,008
271	Clute	\$5,936,818	10.02%	\$594,869	\$6,076,333	10.42%	\$633,154
272	Clyde	\$1,766,356	13.63%	\$240,754	\$1,814,931	13.54%	\$245,742
274	Coahoma	\$279,774	6.26%	\$17,514	\$287,468	6.29%	\$18,082
276	Cockrell Hill	\$1,606,727	9.23%	\$148,301	\$1,650,912	8.89%	\$146,766
278	Coleman	\$2,522,230	17.80%	\$448,957	\$2,584,025	18.89%	\$488,122
280	College Station	\$66,427,016	12.65%	\$8,403,018	\$68,253,759	13.05%	\$8,907,116
281	Colleyville	\$15,782,400	9.98%	\$1,575,084	\$16,216,416	10.22%	\$1,657,318
282	Collinsville	\$523,955	6.56%	\$34,371	\$538,364	5.04%	\$27,134
283	Colmesneil	\$150,498	8.18%	\$12,311	\$154,637	8.66%	\$13,392
284	Colorado City	\$1,625,156	6.89%	\$111,973	\$1,661,722	7.07%	\$117,484
286	Columbus	\$2,012,079	9.65%	\$194,166	\$2,067,411	10.40%	\$215,011
288	Comanche	\$1,442,303	10.65%	\$153,605	\$1,474,755	10.91%	\$160,896
289	Combes	\$843,992	6.19%	\$52,243	\$867,202	5.42%	\$47,002
290	Commerce	\$3,749,634	8.24%	\$308,970	\$3,834,001	8.90%	\$341,226
294	Conroe	\$38,298,998	16.26%	\$6,227,417	\$39,352,220	16.95%	\$6,670,201
295	Converse	\$10,684,844	14.27%	\$1,524,727	\$10,978,677	13.84%	\$1,519,449
298	Cooper	\$485,347	5.76%	\$27,956	\$498,694	6.10%	\$30,420
299	Coppell	\$31,931,680	16.55%	\$5,284,693	\$32,809,801	17.79%	\$5,836,864
297	Copper Canyon	\$334,258	9.72%	\$32,490	\$343,450	9.13%	\$31,357
300	Copperas Cove	\$14,682,737	12.66%	\$1,858,835	\$15,027,781	13.74%	\$2,064,817
301	Corinth	\$12,561,487	15.03%	\$1,887,991	\$12,894,366	15.01%	\$1,935,444
302	Corpus Christi	\$165,725,767	16.55%	\$27,427,614	\$169,620,323	16.57%	\$28,106,088
304	Corrigan	\$1,216,456	3.53%	\$42,941	\$1,249,909	3.35%	\$41,872
306	Corsicana	\$9,005,397	14.16%	\$1,275,164	\$9,171,997	15.55%	\$1,426,246
307	Cottonwood Shores	\$907,811	5.74%	\$52,108	\$932,776	5.50%	\$51,303
308	Cotulla	\$1,929,319	5.89%	\$113,637	\$1,982,375	5.80%	\$114,978
311	Covington	\$94,016	3.12%	\$2,933	\$96,601	3.51%	\$3,391
310	Crandall	\$2,197,666	10.15%	\$223,063	\$2,258,102	10.30%	\$232,585

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
312	Crane	\$1,648,981	7.91%	\$130,434	\$1,694,328	8.47%	\$143,510
314	Crawford	\$239,059	1.08%	\$2,582	\$245,633	0.96%	\$2,358
315	Creedmoor	\$195,397	5.73%	\$11,196	\$200,770	5.11%	\$10,259
316	Crockett	\$2,390,626	14.39%	\$344,011	\$2,432,462	15.13%	\$368,032
318	Crosbyton	\$402,897	1.65%	\$6,648	\$413,977	1.23%	\$5,092
320	Cross Plains	\$401,181	6.70%	\$26,879	\$412,213	6.15%	\$25,351
321	Cross Roads	\$1,229,309	8.07%	\$99,205	\$1,263,115	7.89%	\$99,660
322	Crowell	\$283,649	5.21%	\$14,778	\$291,449	4.04%	\$11,775
323	Crowley	\$8,384,318	11.48%	\$962,520	\$8,614,887	11.98%	\$1,032,063
324	Crystal City	\$1,685,196	1.89%	\$31,850	\$1,714,687	2.01%	\$34,465
326	Cuero	\$5,430,067	9.16%	\$497,394	\$5,579,394	9.52%	\$531,158
328	Cumby	\$336,268	2.33%	\$7,835	\$345,515	2.49%	\$8,603
332	Daingerfield	\$929,993	6.60%	\$61,380	\$955,568	6.10%	\$58,290
334	Daisetta	\$165,664	0.62%	\$1,027	\$168,563	0.63%	\$1,062
336	Dalhart	\$2,974,145	4.11%	\$122,237	\$3,055,934	4.05%	\$123,765
1502	Dallas Police and Fire PS	\$2,568,651	9.34%	\$239,912	\$2,639,289	9.09%	\$239,911
339	Dalworthington Gardens	\$1,777,386	21.93%	\$389,781	\$1,815,600	24.22%	\$439,738
340	Danbury	\$303,786	5.62%	\$17,073	\$312,140	5.37%	\$16,762
341	Darrouzett	\$104,836	4.93%	\$5,168	\$107,509	5.43%	\$5,838
344	Dayton	\$5,219,417	16.36%	\$853,897	\$5,362,951	18.35%	\$984,102
352	De Leon	\$539,019	4.03%	\$21,722	\$550,608	3.32%	\$18,280
10366	DeSoto	\$29,324,822	10.83%	\$3,175,878	\$30,131,255	11.34%	\$3,416,884
346	Decatur	\$7,796,352	14.17%	\$1,104,743	\$8,010,752	15.47%	\$1,239,263
348	Deer Park	\$23,595,225	13.22%	\$3,119,289	\$24,244,094	14.05%	\$3,406,295
350	Dekalb	\$602,564	5.33%	\$32,117	\$619,135	5.03%	\$31,142
354	Del Rio	\$21,807,445	6.98%	\$1,522,160	\$22,407,150	7.05%	\$1,579,704
353	Dell City	\$82,228	17.28%	\$14,209	\$84,407	14.75%	\$12,450
356	Denison	\$13,868,865	10.65%	\$1,477,034	\$14,250,259	11.11%	\$1,583,204
358	Denton	\$111,562,691	17.87%	\$19,936,253	\$114,630,665	18.66%	\$21,390,082
360	Denver City	\$1,577,744	6.49%	\$102,396	\$1,605,355	7.06%	\$113,338
362	Deport	\$97,771	2.81%	\$2,747	\$100,460	1.73%	\$1,738
370	Devine	\$1,938,976	17.36%	\$336,606	\$1,992,298	17.90%	\$356,621
371	Diboll	\$1,834,417	14.63%	\$268,375	\$1,866,519	14.43%	\$269,339
372	Dickens	\$82,162	1.98%	\$1,627	\$84,339	2.04%	\$1,721
373	Dickinson	\$8,185,006	10.18%	\$833,234	\$8,410,094	10.12%	\$851,102
374	Dilley	\$1,706,252	7.81%	\$133,258	\$1,753,174	8.00%	\$140,254
376	Dimmitt	\$995,304	4.00%	\$39,812	\$1,022,675	4.63%	\$47,350
382	Donna	\$7,853,576	10.91%	\$856,825	\$8,069,549	10.80%	\$871,511
379	Double Oak	\$861,731	8.32%	\$71,696	\$885,429	8.54%	\$75,616
383	Dripping Springs	\$2,743,187	5.87%	\$161,025	\$2,818,625	5.71%	\$160,943
385	Driscoll	\$267,887	1.61%	\$4,313	\$275,254	1.81%	\$4,982
384	Dublin	\$1,589,354	12.74%	\$202,484	\$1,633,061	12.81%	\$209,195
386	Dumas	\$6,616,300	13.10%	\$866,735	\$6,798,248	13.75%	\$934,759
388	Duncanville	\$20,074,510	6.19%	\$1,242,612	\$20,626,559	6.34%	\$1,307,724
394	Eagle Lake	\$1,131,392	9.46%	\$107,030	\$1,159,111	9.54%	\$110,579

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
396	Eagle Pass	\$21,531,153	8.82%	\$1,899,048	\$22,123,260	9.35%	\$2,068,525
397	Early	\$1,830,314	3.37%	\$61,682	\$1,880,648	3.31%	\$62,249
399	Earth	\$208,972	4.19%	\$8,756	\$213,883	4.20%	\$8,983
393	East Bernard	\$178,745	5.17%	\$9,241	\$183,660	5.23%	\$9,605
401	East Mountain	\$101,347	10.64%	\$10,783	\$103,121	12.95%	\$13,354
395	East Tawakoni	\$414,362	5.63%	\$23,329	\$425,757	5.66%	\$24,098
398	Eastland	\$2,014,488	8.46%	\$170,426	\$2,069,886	8.08%	\$167,247
402	Ector	\$142,143	1.68%	\$2,388	\$146,052	1.56%	\$2,278
406	Eden	\$398,378	3.19%	\$12,708	\$405,350	3.79%	\$15,363
408	Edgewood	\$444,226	5.81%	\$25,810	\$456,442	5.84%	\$26,656
410	Edinburg	\$50,448,175	14.53%	\$7,330,120	\$51,835,500	14.86%	\$7,702,755
412	Edna	\$1,798,348	10.37%	\$186,489	\$1,835,214	11.62%	\$213,252
414	El Campo	\$6,810,462	14.03%	\$955,508	\$6,997,750	14.27%	\$998,579
416	Eldorado	\$770,886	8.72%	\$67,221	\$792,085	9.12%	\$72,238
418	Electra	\$1,105,965	1.46%	\$16,147	\$1,129,743	1.28%	\$14,461
420	Elgin	\$5,252,653	12.40%	\$651,329	\$5,397,101	12.96%	\$699,464
422	Elkhart	\$379,597	3.40%	\$12,906	\$388,138	2.39%	\$9,276
427	Elmendorf	\$965,090	1.28%	\$12,353	\$991,630	1.42%	\$14,081
432	Emory	\$1,229,807	6.72%	\$82,643	\$1,263,627	6.33%	\$79,988
436	Ennis	\$13,810,340	17.37%	\$2,398,856	\$14,190,124	18.55%	\$2,632,268
437	Escobares	\$58,266	6.32%	\$3,682	\$59,868	5.93%	\$3,550
439	Eules	\$33,248,773	17.71%	\$5,888,358	\$34,163,114	18.66%	\$6,374,837
440	Eustace	\$474,777	9.95%	\$47,240	\$483,086	9.55%	\$46,135
441	Everman	\$2,757,930	7.98%	\$220,083	\$2,833,773	8.83%	\$250,222
443	Fair Oaks Ranch	\$4,774,917	11.72%	\$559,620	\$4,906,227	12.23%	\$600,032
442	Fairfield	\$1,778,607	6.84%	\$121,657	\$1,811,511	6.70%	\$121,371
445	Fairview	\$6,076,803	13.44%	\$816,722	\$6,243,915	13.12%	\$819,202
20444	Falfurrias	\$1,721,388	2.21%	\$38,043	\$1,768,726	2.25%	\$39,796
446	Falls City	\$218,433	7.25%	\$15,836	\$223,785	7.12%	\$15,933
448	Farmers Branch	\$33,866,227	20.04%	\$6,786,792	\$34,729,816	20.02%	\$6,952,909
450	Farmersville	\$2,562,336	8.72%	\$223,436	\$2,632,800	8.97%	\$236,162
451	Farwell	\$299,404	16.64%	\$49,821	\$307,638	8.21%	\$25,257
452	Fate	\$5,511,250	10.09%	\$556,085	\$5,662,809	9.89%	\$560,052
454	Fayetteville	\$73,145	2.17%	\$1,587	\$75,156	2.78%	\$2,089
456	Ferris	\$3,026,646	7.21%	\$218,221	\$3,109,879	7.62%	\$236,973
458	Flatonia	\$962,812	13.38%	\$128,824	\$989,289	14.22%	\$140,677
460	Florence	\$586,261	4.47%	\$26,206	\$602,383	4.57%	\$27,529
20462	Floresville	\$3,544,224	9.33%	\$330,676	\$3,641,690	9.62%	\$350,331
463	Flower Mound	\$47,505,659	11.02%	\$5,235,124	\$48,812,065	11.30%	\$5,515,763
464	Floydada	\$1,122,668	10.08%	\$113,165	\$1,150,173	10.72%	\$123,299
465	Follett	\$83,714	19.11%	\$15,998	\$86,016	22.71%	\$19,534
468	Forest Hill	\$5,806,979	13.11%	\$761,295	\$5,966,671	13.98%	\$834,141
470	Forney	\$15,377,958	14.28%	\$2,195,972	\$15,800,852	14.04%	\$2,218,440
472	Fort Stockton	\$6,291,268	9.46%	\$595,154	\$6,464,278	9.78%	\$632,206
476	Franklin	\$631,921	5.36%	\$33,871	\$649,299	5.84%	\$37,919

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
478	Frankston	\$622,745	1.38%	\$8,594	\$639,870	1.39%	\$8,894
480	Fredericksburg	\$12,799,096	22.12%	\$2,831,160	\$13,151,071	22.33%	\$2,936,634
482	Freeport	\$7,583,567	14.13%	\$1,071,558	\$7,792,115	15.33%	\$1,194,531
481	Freer	\$679,056	6.24%	\$42,373	\$692,298	5.33%	\$36,899
483	Friendswood	\$18,166,453	16.33%	\$2,966,582	\$18,666,030	17.06%	\$3,184,425
484	Friona	\$1,141,271	8.92%	\$101,801	\$1,168,091	9.92%	\$115,875
486	Frisco	\$112,654,738	14.12%	\$15,906,849	\$115,752,743	14.33%	\$16,587,368
487	Fritch	\$888,649	4.69%	\$41,678	\$913,087	5.23%	\$47,754
488	Frost	\$58,937	9.72%	\$5,729	\$59,968	8.86%	\$5,313
491	Fulshear	\$4,986,357	7.18%	\$358,020	\$5,123,482	7.14%	\$365,817
493	Fulton	\$427,456	6.11%	\$26,118	\$439,211	6.15%	\$27,011
492	Gainesville	\$13,289,687	10.65%	\$1,415,352	\$13,628,574	9.63%	\$1,312,432
494	Galena Park	\$4,016,295	10.25%	\$411,670	\$4,126,743	10.89%	\$449,402
498	Ganado	\$507,826	11.79%	\$59,873	\$518,744	13.73%	\$71,224
499	Garden Ridge	\$1,784,307	7.19%	\$128,292	\$1,833,375	7.84%	\$143,737
500	Garland	\$176,008,480	10.83%	\$19,061,718	\$180,848,713	11.14%	\$20,146,547
501	Garrett	\$298,625	4.78%	\$14,274	\$306,837	4.77%	\$14,636
502	Garrison	\$307,492	6.36%	\$19,556	\$315,948	6.69%	\$21,137
503	Gary	\$241,047	19.88%	\$47,920	\$246,712	22.86%	\$56,398
504	Gatesville	\$4,480,560	14.62%	\$655,058	\$4,603,775	15.33%	\$705,759
505	George West	\$1,560,398	5.23%	\$81,609	\$1,603,309	5.33%	\$85,456
506	Georgetown	\$61,780,975	12.21%	\$7,543,457	\$63,479,952	12.47%	\$7,915,950
510	Giddings	\$3,396,357	17.72%	\$601,834	\$3,489,757	18.93%	\$660,611
512	Gilmer	\$2,447,614	13.21%	\$323,330	\$2,514,923	14.46%	\$363,658
514	Gladewater	\$2,547,159	7.61%	\$193,839	\$2,617,206	7.70%	\$201,525
516	Glen Rose	\$997,023	14.49%	\$144,469	\$1,024,441	16.19%	\$165,857
517	Glenn Heights	\$5,167,744	5.68%	\$293,528	\$5,309,857	4.44%	\$235,758
518	Godley	\$829,955	2.12%	\$17,595	\$852,779	1.90%	\$16,203
519	Goldsmith	\$350,728	1.14%	\$3,998	\$360,373	1.23%	\$4,433
520	Goldthwaite	\$761,622	24.83%	\$189,111	\$777,235	28.09%	\$218,325
522	Goliad	\$847,726	5.20%	\$44,082	\$871,038	5.22%	\$45,468
524	Gonzales	\$5,462,987	9.37%	\$511,882	\$5,613,219	9.70%	\$544,482
527	Gordon	\$202,073	2.41%	\$4,870	\$207,630	2.39%	\$4,962
530	Gorman	\$232,460	8.84%	\$20,549	\$238,853	7.50%	\$17,914
532	Graford	\$130,349	2.03%	\$2,646	\$133,934	2.14%	\$2,866
10534	Graham	\$4,134,193	10.24%	\$423,341	\$4,239,615	11.04%	\$468,053
536	Granbury	\$11,351,670	17.01%	\$1,930,919	\$11,663,841	17.32%	\$2,020,177
540	Grand Prairie	\$113,549,705	17.42%	\$19,780,359	\$116,672,322	12.19%	\$14,222,356
542	Grand Saline	\$1,121,248	8.80%	\$98,670	\$1,144,234	9.56%	\$109,389
544	Grandview	\$1,082,723	11.66%	\$126,246	\$1,112,498	11.04%	\$122,820
546	Granger	\$629,234	7.31%	\$45,997	\$644,650	7.17%	\$46,221
547	Granite Shoals	\$2,490,041	6.26%	\$155,877	\$2,558,517	5.81%	\$148,650
548	Grapeland	\$484,485	3.40%	\$16,472	\$492,963	3.23%	\$15,923
550	Grapevine	\$50,245,262	18.98%	\$9,536,551	\$51,627,007	20.06%	\$10,356,378
552	Greenville	\$22,524,000	15.78%	\$3,554,287	\$23,143,410	16.64%	\$3,851,063

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
551	Gregory	\$704,811	4.34%	\$30,589	\$724,193	4.61%	\$33,385
553	Grey Forest	\$3,046,711	16.50%	\$502,707	\$3,130,496	16.14%	\$505,262
556	Groesbeck	\$1,510,728	2.28%	\$34,445	\$1,537,166	1.86%	\$28,591
558	Groom	\$220,618	3.06%	\$6,751	\$226,685	3.18%	\$7,209
559	Groves	\$7,072,926	7.64%	\$540,372	\$7,253,286	7.99%	\$579,538
560	Groveton	\$183,245	1.18%	\$2,162	\$188,284	1.06%	\$1,996
562	Gruver	\$293,221	11.35%	\$33,281	\$301,285	11.17%	\$33,654
563	Gun Barrel City	\$2,319,740	10.04%	\$232,902	\$2,367,295	9.35%	\$221,342
564	Gunter	\$818,662	14.58%	\$119,361	\$841,175	14.50%	\$121,970
568	Hale Center	\$545,500	5.91%	\$32,239	\$560,501	6.44%	\$36,096
570	Hallettsville	\$1,595,262	12.77%	\$203,715	\$1,639,132	13.82%	\$226,528
572	Hallsville	\$995,222	6.04%	\$60,111	\$1,022,591	5.91%	\$60,435
574	Haltom City	\$19,746,720	19.12%	\$3,775,573	\$20,191,021	20.73%	\$4,185,599
576	Hamilton	\$1,291,820	14.98%	\$193,515	\$1,327,345	14.47%	\$192,067
578	Hamlin	\$687,227	4.88%	\$33,537	\$704,751	5.12%	\$36,083
580	Happy	\$165,519	6.15%	\$10,179	\$168,416	6.92%	\$11,654
581	Harker Heights	\$14,436,368	15.22%	\$2,197,215	\$14,833,368	15.47%	\$2,294,722
10582	Harlingen	\$25,287,696	8.38%	\$2,119,109	\$25,983,108	8.21%	\$2,133,213
20582	Harlingen Waterworks Sys	\$6,742,320	9.40%	\$633,778	\$6,927,734	9.59%	\$664,370
583	Hart	\$160,970	4.38%	\$7,050	\$165,397	4.28%	\$7,079
586	Haskell	\$1,119,575	0.00%	\$0	\$1,149,244	0.00%	\$0
587	Haslet	\$1,908,323	8.28%	\$158,009	\$1,960,802	8.31%	\$162,943
588	Hawkins	\$472,337	6.64%	\$31,363	\$480,603	6.01%	\$28,884
590	Hearne	\$2,565,372	14.23%	\$365,052	\$2,635,920	14.29%	\$376,673
591	Heath	\$5,153,562	11.81%	\$608,636	\$5,295,285	11.65%	\$616,901
592	Hedley	\$31,961	2.59%	\$828	\$32,520	0.39%	\$127
595	Hedwig Village	\$2,388,666	7.94%	\$189,660	\$2,451,966	7.93%	\$194,441
593	Helotes	\$4,220,299	6.76%	\$285,292	\$4,336,357	6.33%	\$274,491
594	Hemphill	\$1,197,610	7.14%	\$85,509	\$1,230,544	7.42%	\$91,306
596	Hempstead	\$4,290,995	6.94%	\$297,795	\$4,408,997	7.66%	\$337,729
598	Henderson	\$7,439,700	16.31%	\$1,213,415	\$7,644,292	16.71%	\$1,277,361
600	Henrietta	\$796,889	14.36%	\$114,433	\$817,210	14.66%	\$119,803
602	Hereford	\$5,974,740	9.43%	\$563,418	\$6,139,045	10.22%	\$627,410
605	Hewitt	\$6,183,579	16.05%	\$992,464	\$6,353,627	16.89%	\$1,073,128
609	Hickory Creek	\$1,662,344	15.33%	\$254,837	\$1,693,097	15.16%	\$256,674
606	Hico	\$582,059	8.78%	\$51,105	\$598,066	7.81%	\$46,709
607	Hidalgo	\$6,336,065	11.70%	\$741,320	\$6,491,299	11.80%	\$765,973
608	Higgins	\$79,608	3.59%	\$2,858	\$81,797	4.89%	\$4,000
610	Highland Park	\$14,843,134	12.45%	\$1,847,970	\$15,251,320	13.20%	\$2,013,174
611	Highland Village	\$11,517,866	13.75%	\$1,583,707	\$11,834,607	14.15%	\$1,674,597
613	Hill Country Village	\$980,478	4.31%	\$42,259	\$1,007,441	3.30%	\$33,246
612	Hillsboro	\$5,493,974	12.42%	\$682,352	\$5,634,070	11.42%	\$643,411
619	Hilshire Village	\$192,953	6.24%	\$12,040	\$198,259	5.26%	\$10,428
614	Hitchcock	\$2,826,297	6.21%	\$175,513	\$2,904,020	6.37%	\$184,986
615	Holland	\$308,052	3.88%	\$11,952	\$316,523	4.08%	\$12,914

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**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
616	Holliday	\$402,693	12.11%	\$48,766	\$411,351	9.89%	\$40,683
617	Hollywood Park	\$2,411,688	14.14%	\$341,013	\$2,478,009	14.87%	\$368,480
618	Hondo	\$5,097,754	12.55%	\$639,768	\$5,237,942	14.09%	\$738,026
620	Honey Grove	\$616,822	5.65%	\$34,850	\$633,785	5.71%	\$36,189
622	Hooks	\$543,060	13.60%	\$73,856	\$557,994	13.94%	\$77,784
623	Horizon City	\$3,994,307	5.56%	\$222,083	\$4,104,150	5.30%	\$217,520
621	Horseshoe Bay	\$3,527,091	8.31%	\$293,101	\$3,624,086	8.02%	\$290,652
626	Howe	\$998,279	5.32%	\$53,108	\$1,025,732	5.42%	\$55,595
627	Hubbard	\$502,332	2.95%	\$14,819	\$514,137	2.98%	\$15,321
628	Hudson	\$786,120	3.95%	\$31,052	\$807,738	4.12%	\$33,279
629	Hudson Oaks	\$1,757,785	12.32%	\$216,559	\$1,806,124	13.31%	\$240,395
630	Hughes Springs	\$750,760	8.10%	\$60,812	\$766,901	8.77%	\$67,257
632	Humble	\$17,620,311	13.18%	\$2,322,357	\$18,104,870	13.86%	\$2,509,335
633	Hunters Creek Village	\$565,058	19.80%	\$111,881	\$580,597	21.11%	\$122,564
634	Huntington	\$952,174	15.06%	\$143,397	\$978,359	16.01%	\$156,635
636	Huntsville	\$17,142,384	19.37%	\$3,320,480	\$17,562,372	19.91%	\$3,496,668
637	Hurst	\$27,055,157	12.19%	\$3,298,024	\$27,799,174	12.91%	\$3,588,873
638	Hutchins	\$5,167,692	7.58%	\$391,711	\$5,309,804	7.32%	\$388,678
640	Hutto	\$8,766,411	12.08%	\$1,058,982	\$9,007,487	12.24%	\$1,102,516
641	Huxley	\$409,530	2.78%	\$11,385	\$420,792	3.01%	\$12,666
642	Idalou	\$691,362	4.20%	\$29,037	\$710,374	4.17%	\$29,623
643	Ingleside	\$4,933,351	7.16%	\$353,228	\$5,069,018	7.57%	\$383,725
646	Ingram	\$575,285	5.97%	\$34,345	\$591,105	5.56%	\$32,865
647	Iowa Colony	\$1,266,495	10.46%	\$132,475	\$1,301,324	10.52%	\$136,899
644	Iowa Park	\$2,031,477	9.24%	\$187,708	\$2,085,311	10.42%	\$217,289
645	Iraan	\$349,077	17.79%	\$62,101	\$358,677	10.90%	\$39,096
648	Irving	\$126,587,570	9.68%	\$12,253,677	\$130,068,728	10.02%	\$13,032,887
650	Italy	\$831,696	8.70%	\$72,358	\$854,568	8.46%	\$72,296
652	Itasca	\$866,001	9.03%	\$78,200	\$889,816	8.58%	\$76,346
654	Jacinto City	\$3,541,880	15.82%	\$560,325	\$3,639,282	17.47%	\$635,783
656	Jacksboro	\$1,931,840	13.62%	\$263,117	\$1,984,966	14.12%	\$280,277
658	Jacksonville	\$7,105,682	9.88%	\$702,041	\$7,293,983	10.21%	\$744,716
660	Jasper	\$6,813,295	7.80%	\$531,437	\$7,000,661	7.80%	\$546,052
664	Jefferson	\$718,222	0.18%	\$1,293	\$732,227	0.25%	\$1,831
665	Jersey Village	\$7,417,791	13.97%	\$1,036,265	\$7,621,780	14.70%	\$1,120,402
666	Jewett	\$275,341	14.49%	\$39,897	\$280,159	16.75%	\$46,927
668	Joaquin	\$207,739	5.19%	\$10,782	\$213,452	5.09%	\$10,865
670	Johnson City	\$879,953	8.64%	\$76,028	\$904,152	9.03%	\$81,645
673	Jones Creek	\$415,657	5.06%	\$21,032	\$427,088	5.15%	\$21,995
675	Jonestown	\$1,680,862	7.58%	\$127,409	\$1,727,086	6.82%	\$117,787
677	Josephine	\$1,239,250	8.48%	\$105,088	\$1,273,329	9.15%	\$116,510
671	Joshua	\$2,879,471	5.60%	\$161,250	\$2,958,656	5.81%	\$171,898
672	Jourdanton	\$1,348,463	5.40%	\$72,817	\$1,385,546	5.72%	\$79,253
674	Junction	\$1,203,049	10.32%	\$124,155	\$1,236,133	9.72%	\$120,152
676	Justin	\$3,212,825	7.26%	\$233,251	\$3,301,178	7.21%	\$238,015

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
678	Karnes City	\$1,343,266	8.43%	\$113,237	\$1,380,206	8.78%	\$121,182
680	Katy	\$19,171,327	13.55%	\$2,597,715	\$19,698,538	13.87%	\$2,732,187
682	Kaufman	\$4,442,190	13.17%	\$585,036	\$4,559,908	13.46%	\$613,764
683	Keene	\$2,674,512	12.42%	\$332,174	\$2,748,061	12.12%	\$333,065
681	Keller	\$21,442,709	15.91%	\$3,411,535	\$21,946,613	16.42%	\$3,603,634
685	Kemah	\$2,709,533	5.97%	\$161,759	\$2,778,626	6.14%	\$170,608
684	Kemp	\$756,296	9.83%	\$74,344	\$777,094	10.10%	\$78,486
689	Kempner	\$176,706	1.16%	\$2,050	\$181,565	1.19%	\$2,161
686	Kenedy	\$2,468,597	9.72%	\$239,948	\$2,536,483	10.04%	\$254,663
688	Kennedale	\$4,389,369	14.37%	\$630,752	\$4,510,077	15.72%	\$708,984
690	Kerens	\$477,254	12.65%	\$60,373	\$490,378	12.33%	\$60,464
692	Kermit	\$3,028,972	14.69%	\$444,956	\$3,112,269	13.86%	\$431,360
10694	Kerrville	\$21,277,170	10.13%	\$2,155,377	\$21,862,292	10.48%	\$2,291,168
20694	Kerrville PUB	\$4,663,826	12.29%	\$573,184	\$4,787,417	12.56%	\$601,300
10696	Kilgore	\$8,304,783	14.33%	\$1,190,075	\$8,533,165	15.95%	\$1,361,040
698	Killeen	\$54,980,443	14.37%	\$7,900,690	\$56,492,405	14.25%	\$8,050,168
700	Kingsville	\$13,439,190	8.17%	\$1,097,982	\$13,808,768	9.09%	\$1,255,217
701	Kirby	\$2,078,469	14.35%	\$298,260	\$2,135,627	15.60%	\$333,158
702	Kirbyville	\$1,080,400	5.34%	\$57,693	\$1,109,031	5.46%	\$60,553
704	Knox City	\$395,408	2.30%	\$9,094	\$406,282	1.64%	\$6,663
706	Kosse	\$190,981	1.47%	\$2,807	\$196,233	1.59%	\$3,120
708	Kountze	\$1,083,401	4.23%	\$45,828	\$1,113,195	3.11%	\$34,620
699	Krugerville	\$806,201	7.45%	\$60,062	\$828,372	7.29%	\$60,388
707	Krum	\$3,285,217	6.28%	\$206,312	\$3,375,560	6.36%	\$214,686
710	Kyle	\$17,664,373	12.97%	\$2,291,069	\$18,150,143	13.11%	\$2,379,484
725	La Coste	\$373,439	1.55%	\$5,788	\$383,709	1.36%	\$5,218
714	La Feria	\$2,355,493	15.08%	\$355,208	\$2,420,269	15.69%	\$379,740
716	La Grange	\$3,238,273	14.01%	\$453,682	\$3,327,326	14.83%	\$493,442
723	La Grulla	\$636,799	4.70%	\$29,930	\$654,311	4.91%	\$32,127
732	La Joya	\$1,751,906	5.16%	\$90,398	\$1,800,083	5.00%	\$90,004
721	La Marque	\$9,292,120	13.95%	\$1,296,251	\$9,519,777	14.42%	\$1,372,752
728	La Porte	\$27,567,644	15.87%	\$4,374,985	\$28,325,754	17.05%	\$4,829,541
731	La Vernia	\$1,085,841	5.17%	\$56,138	\$1,115,702	4.97%	\$55,450
711	Lacy-Lakeview	\$2,491,359	13.09%	\$326,119	\$2,559,871	13.66%	\$349,678
712	Ladonia	\$91,701	3.17%	\$2,907	\$94,039	3.88%	\$3,649
713	Lago Vista	\$5,356,462	7.88%	\$422,089	\$5,503,765	8.67%	\$477,176
705	Laguna Vista	\$936,474	4.05%	\$37,927	\$962,227	3.86%	\$37,142
717	Lake Dallas	\$2,178,864	13.17%	\$286,956	\$2,238,783	13.79%	\$308,728
718	Lake Jackson	\$13,361,377	11.18%	\$1,493,802	\$13,728,815	12.26%	\$1,683,153
719	Lake Worth	\$6,937,953	16.63%	\$1,153,782	\$7,128,747	17.20%	\$1,226,144
727	Lakeport	\$189,438	0.09%	\$170	\$194,648	0.05%	\$97
715	Lakeside	\$1,042,740	10.74%	\$111,990	\$1,071,415	10.80%	\$115,713
729	Lakeside City	\$193,578	5.20%	\$10,066	\$198,901	5.52%	\$10,979
720	Lakeway	\$8,429,119	13.75%	\$1,159,004	\$8,660,920	13.67%	\$1,183,948
722	Lamesa	\$4,590,442	3.83%	\$175,814	\$4,716,679	4.07%	\$191,969

\*Reflects phase-in, when applicable.



**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
724	Lampasas	\$6,395,569	15.67%	\$1,002,186	\$6,571,447	16.74%	\$1,100,060
726	Lancaster	\$20,817,968	13.67%	\$2,845,816	\$21,348,826	14.25%	\$3,042,208
730	Laredo	\$136,777,033	20.82%	\$28,476,978	\$140,538,401	21.10%	\$29,653,603
733	Lavon	\$1,506,990	18.43%	\$277,738	\$1,548,432	17.26%	\$267,259
736	League City	\$41,294,258	14.48%	\$5,979,409	\$42,429,850	15.09%	\$6,402,664
737	Leander	\$29,401,040	12.01%	\$3,531,065	\$30,209,569	12.00%	\$3,625,148
735	Lefors	\$185,395	5.94%	\$11,012	\$190,493	4.13%	\$7,867
739	Leon Valley	\$7,196,917	18.54%	\$1,334,308	\$7,394,832	19.43%	\$1,436,816
738	Leonard	\$800,955	3.93%	\$31,478	\$822,981	4.80%	\$39,503
740	Levelland	\$5,641,705	8.97%	\$506,061	\$5,796,852	10.14%	\$587,801
742	Lewisville	\$64,973,341	16.77%	\$10,896,029	\$66,760,108	17.57%	\$11,729,751
744	Lexington	\$436,008	8.08%	\$35,229	\$447,998	9.87%	\$44,217
746	Liberty	\$5,449,587	14.54%	\$792,370	\$5,555,854	14.66%	\$814,488
745	Liberty Hill	\$4,096,295	6.23%	\$255,199	\$4,208,943	6.58%	\$276,948
748	Lindale	\$3,203,527	15.06%	\$482,451	\$3,291,624	15.42%	\$507,568
750	Linden	\$708,957	0.71%	\$5,034	\$728,453	0.97%	\$7,066
749	Lindsay	\$184,514	4.88%	\$9,004	\$189,588	5.08%	\$9,631
755	Lipan	\$192,749	1.33%	\$2,564	\$198,050	1.62%	\$3,208
751	Little Elm	\$24,026,792	13.28%	\$3,190,758	\$24,687,529	13.37%	\$3,300,723
752	Littlefield	\$2,635,840	6.48%	\$170,802	\$2,708,326	6.45%	\$174,687
753	Live Oak	\$8,080,515	17.94%	\$1,449,644	\$8,302,729	19.28%	\$1,600,766
757	Liverpool	\$252,733	1.76%	\$4,448	\$259,683	1.76%	\$4,570
754	Livingston	\$5,051,179	14.97%	\$756,161	\$5,190,086	16.71%	\$867,263
756	Llano	\$2,387,671	12.41%	\$296,310	\$2,450,944	11.96%	\$293,133
758	Lockhart	\$7,836,802	12.63%	\$989,788	\$8,052,314	13.06%	\$1,051,632
760	Lockney	\$468,854	0.00%	\$0	\$479,872	0.00%	\$0
761	Log Cabin	\$394,949	6.66%	\$26,304	\$405,810	5.72%	\$23,212
764	Lone Oak	\$416,953	5.27%	\$21,973	\$428,419	5.17%	\$22,149
765	Lone Star	\$386,914	2.24%	\$8,667	\$397,554	2.88%	\$11,450
766	Longview	\$36,519,315	12.09%	\$4,415,185	\$37,523,596	12.43%	\$4,664,183
768	Loraine	\$121,164	2.23%	\$2,702	\$123,406	2.85%	\$3,517
769	Lorena	\$746,813	10.14%	\$75,727	\$767,350	10.31%	\$79,114
770	Lorenzo	\$240,863	1.30%	\$3,131	\$247,487	1.46%	\$3,613
771	Los Fresnos	\$2,560,459	6.66%	\$170,527	\$2,630,872	6.64%	\$174,690
772	Los Indios	\$247,312	5.02%	\$12,415	\$254,113	4.21%	\$10,698
773	Lott	\$235,262	1.84%	\$4,329	\$241,026	2.01%	\$4,845
774	Lovelady	\$138,092	7.58%	\$10,467	\$141,890	7.39%	\$10,486
778	Lubbock	\$122,038,081	17.01%	\$20,758,678	\$125,394,128	17.91%	\$22,458,088
779	Lucas	\$3,222,493	12.03%	\$387,666	\$3,311,112	12.20%	\$403,956
782	Lufkin	\$17,125,866	16.00%	\$2,740,139	\$17,596,827	16.64%	\$2,928,112
784	Luling	\$4,035,762	5.98%	\$241,339	\$4,146,745	6.68%	\$277,003
785	Lumberton	\$2,695,893	15.33%	\$413,280	\$2,770,030	16.41%	\$454,562
786	Lyford	\$368,251	1.39%	\$5,119	\$378,378	1.46%	\$5,524
787	Lytle	\$1,582,050	9.51%	\$150,453	\$1,625,556	9.37%	\$152,315
790	Madisonville	\$1,751,804	7.50%	\$131,385	\$1,799,979	7.41%	\$133,378

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
791	Magnolia	\$2,118,014	4.56%	\$96,581	\$2,176,259	4.66%	\$101,414
792	Malakoff	\$1,516,744	5.45%	\$82,663	\$1,558,454	5.22%	\$81,351
796	Manor	\$5,412,325	8.16%	\$441,646	\$5,561,164	7.91%	\$439,888
798	Mansfield	\$44,149,998	16.78%	\$7,408,370	\$45,364,123	17.69%	\$8,024,913
799	Manvel	\$5,844,760	9.80%	\$572,786	\$6,005,491	8.53%	\$512,268
800	Marble Falls	\$8,678,664	14.08%	\$1,221,956	\$8,882,613	14.22%	\$1,263,108
802	Marfa	\$1,985,513	2.87%	\$56,984	\$2,040,115	2.70%	\$55,083
804	Marion	\$479,361	4.23%	\$20,277	\$492,543	3.52%	\$17,338
806	Marlin	\$2,494,019	7.42%	\$185,056	\$2,562,605	7.40%	\$189,633
808	Marquez	\$78,497	19.70%	\$15,464	\$80,656	26.85%	\$21,656
810	Marshall	\$9,315,445	15.65%	\$1,457,867	\$9,515,727	16.50%	\$1,570,095
812	Mart	\$654,969	2.39%	\$15,654	\$672,981	2.70%	\$18,170
813	Martindale	\$230,395	5.68%	\$13,086	\$236,731	5.47%	\$12,949
814	Mason	\$1,387,976	6.23%	\$86,471	\$1,426,145	6.50%	\$92,699
816	Matador	\$169,825	2.28%	\$3,872	\$173,476	0.90%	\$1,561
818	Mathis	\$2,345,110	3.75%	\$87,942	\$2,409,601	3.92%	\$94,456
820	Maud	\$281,363	4.60%	\$12,943	\$289,100	3.19%	\$9,222
822	Maypearl	\$316,119	0.71%	\$2,244	\$324,496	1.25%	\$4,056
824	McAllen	\$84,249,780	8.55%	\$7,203,356	\$86,566,649	8.61%	\$7,453,388
826	McCamey	\$631,992	2.26%	\$14,283	\$649,372	1.83%	\$11,884
828	McGregor	\$2,816,802	12.54%	\$353,227	\$2,894,264	13.18%	\$381,464
830	McKinney	\$104,135,424	15.09%	\$15,714,035	\$106,999,148	15.48%	\$16,563,468
832	McLean	\$292,681	2.00%	\$5,854	\$300,730	1.95%	\$5,864
833	McLendon-Chisholm	\$772,212	7.33%	\$56,603	\$793,448	7.93%	\$62,920
834	Meadow	\$139,197	4.27%	\$5,944	\$143,025	3.10%	\$4,434
831	Meadowlakes	\$884,886	2.21%	\$19,556	\$909,220	2.07%	\$18,821
835	Meadows Place	\$2,341,837	11.97%	\$280,318	\$2,406,238	12.05%	\$289,952
837	Melissa	\$4,983,866	16.50%	\$822,338	\$5,120,922	16.01%	\$819,860
1501	Memorial Villages PD	\$3,910,878	10.91%	\$426,677	\$4,018,427	11.15%	\$448,055
840	Memphis	\$660,237	10.31%	\$68,070	\$678,394	11.31%	\$76,726
842	Menard	\$353,392	0.00%	\$0	\$361,343	0.27%	\$976
844	Mercedes	\$5,688,697	15.66%	\$890,850	\$5,845,136	15.51%	\$906,581
846	Meridian	\$587,725	3.25%	\$19,101	\$603,887	3.22%	\$19,445
848	Merkel	\$649,073	12.82%	\$83,211	\$666,923	13.75%	\$91,702
852	Mertzon	\$217,796	10.57%	\$23,021	\$223,785	11.12%	\$24,885
854	Mesquite	\$88,440,112	18.89%	\$16,706,337	\$90,872,215	19.01%	\$17,274,808
856	Mexia	\$3,769,726	11.05%	\$416,555	\$3,869,624	10.50%	\$406,311
858	Miami	\$117,814	9.52%	\$11,216	\$121,054	8.81%	\$10,665
860	Midland	\$58,293,930	14.41%	\$8,400,155	\$59,897,013	15.28%	\$9,152,264
862	Midlothian	\$21,042,476	15.10%	\$3,177,414	\$21,621,144	15.48%	\$3,346,953
863	Milano	\$36,308	7.77%	\$2,821	\$37,306	3.30%	\$1,231
864	Miles	\$249,658	0.47%	\$1,173	\$256,524	0.73%	\$1,873
865	Milford	\$269,532	4.52%	\$12,183	\$274,249	5.56%	\$15,248
868	Mineola	\$2,637,658	10.10%	\$266,403	\$2,710,194	10.56%	\$286,196
870	Mineral Wells	\$9,868,333	7.95%	\$784,532	\$10,139,712	7.95%	\$806,107

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
874	Mission	\$38,523,011	7.87%	\$3,031,761	\$39,582,394	8.12%	\$3,214,090
875	Missouri City	\$28,071,023	10.45%	\$2,933,422	\$28,842,976	10.08%	\$2,907,372
876	Monahans	\$4,461,277	6.68%	\$298,013	\$4,583,962	6.52%	\$298,874
887	Mont Belvieu	\$13,562,555	13.54%	\$1,836,370	\$13,935,525	13.08%	\$1,822,767
877	Montgomery	\$2,182,995	10.04%	\$219,173	\$2,243,027	10.01%	\$224,527
878	Moody	\$500,326	2.04%	\$10,207	\$514,085	1.71%	\$8,791
883	Morgan's Point	\$1,044,608	10.07%	\$105,192	\$1,062,889	9.73%	\$103,419
882	Morgan's Point Resort	\$1,580,451	12.05%	\$190,444	\$1,623,913	11.84%	\$192,271
884	Morton	\$406,913	2.74%	\$11,149	\$417,696	4.98%	\$20,801
886	Moulton	\$486,137	13.58%	\$66,017	\$498,047	16.71%	\$83,224
890	Mount Enterprise	\$110,822	5.64%	\$6,250	\$112,983	4.92%	\$5,559
892	Mt. Pleasant	\$10,983,462	15.21%	\$1,670,585	\$11,285,507	15.19%	\$1,714,269
894	Mt. Vernon	\$1,068,323	8.87%	\$94,760	\$1,097,702	9.85%	\$108,124
896	Muenster	\$645,511	1.90%	\$12,265	\$663,263	2.09%	\$13,862
898	Muleshoe	\$1,485,079	20.80%	\$308,896	\$1,524,434	24.06%	\$366,779
901	Munday	\$308,594	3.77%	\$11,634	\$317,080	3.77%	\$11,954
903	Murphy	\$8,602,088	13.98%	\$1,202,572	\$8,838,645	14.06%	\$1,242,713
899	Mustang Ridge	\$502,715	2.19%	\$11,009	\$516,540	2.26%	\$11,674
10904	Nacogdoches	\$19,200,551	14.30%	\$2,745,679	\$19,728,566	14.88%	\$2,935,611
906	Naples	\$267,030	0.94%	\$2,510	\$274,373	1.26%	\$3,457
907	Nash	\$1,230,297	19.14%	\$235,479	\$1,264,130	18.77%	\$237,277
905	Nassau Bay	\$3,237,778	10.16%	\$328,958	\$3,317,104	9.71%	\$322,091
909	Natalia	\$478,906	2.11%	\$10,105	\$492,076	2.22%	\$10,924
908	Navasota	\$4,258,209	5.94%	\$252,938	\$4,358,277	5.91%	\$257,574
910	Nederland	\$9,980,228	7.17%	\$715,582	\$10,254,684	7.50%	\$769,101
912	Needville	\$1,138,246	3.59%	\$40,863	\$1,169,548	3.91%	\$45,729
914	New Boston	\$1,855,528	6.04%	\$112,074	\$1,906,555	6.70%	\$127,739
10916	New Braunfels	\$51,482,885	17.17%	\$8,839,611	\$52,898,664	17.55%	\$9,283,716
20916	New Braunfels Utilities	\$27,141,339	18.10%	\$4,912,582	\$27,887,726	18.92%	\$5,276,358
915	New Deal	\$190,905	0.36%	\$687	\$195,200	0.58%	\$1,132
923	New Fairview	\$261,333	6.12%	\$15,994	\$268,520	8.05%	\$21,616
918	New London	\$258,520	2.91%	\$7,523	\$264,337	3.55%	\$9,384
919	New Summerfield	\$488,761	7.77%	\$37,977	\$501,224	8.06%	\$40,399
917	New Waverly	\$293,514	14.72%	\$43,205	\$300,118	15.20%	\$45,618
913	Newark	\$239,904	1.18%	\$2,831	\$246,501	1.25%	\$3,081
920	Newton	\$1,396,454	19.03%	\$265,745	\$1,434,856	17.58%	\$252,248
922	Nixon	\$1,088,749	0.57%	\$6,206	\$1,118,690	0.54%	\$6,041
924	Nocona	\$903,726	10.44%	\$94,349	\$919,541	10.25%	\$94,253
925	Nolanville	\$998,397	4.92%	\$49,121	\$1,025,853	4.83%	\$49,549
928	Normangee	\$337,334	3.94%	\$13,291	\$346,611	4.23%	\$14,662
931	North Richland Hills	\$41,197,441	17.19%	\$7,081,840	\$42,330,371	17.91%	\$7,581,369
930	Northlake	\$4,418,362	9.51%	\$420,186	\$4,539,867	9.60%	\$435,827
935	O'Donnell	\$163,084	4.47%	\$7,290	\$165,938	5.20%	\$8,629
936	Oak Point	\$2,608,466	8.55%	\$223,024	\$2,680,199	8.69%	\$232,909
937	Oak Ridge North	\$2,811,988	11.68%	\$328,440	\$2,889,318	12.57%	\$363,187

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
942	Odem	\$789,894	6.42%	\$50,711	\$811,616	6.05%	\$49,103
944	Odessa	\$47,949,204	13.66%	\$6,549,861	\$49,267,807	14.64%	\$7,212,807
945	Oglesby	\$38,077	1.89%	\$720	\$39,124	1.30%	\$509
949	Old River-Winfree	\$41,204	0.00%	\$0	\$41,925	0.00%	\$0
950	Olmos Park	\$2,163,955	2.36%	\$51,069	\$2,223,464	2.53%	\$56,254
951	Olney	\$1,023,319	6.17%	\$63,139	\$1,041,227	5.87%	\$61,120
953	Omaha	\$261,059	5.17%	\$13,497	\$268,238	2.74%	\$7,350
954	Onalaska	\$815,900	8.21%	\$66,985	\$838,337	8.41%	\$70,504
958	Orange	\$10,778,207	14.88%	\$1,603,797	\$11,074,608	16.03%	\$1,775,260
960	Orange Grove	\$460,479	7.28%	\$33,523	\$471,761	8.05%	\$37,977
957	Orchard	\$52,949	8.80%	\$4,660	\$54,405	10.66%	\$5,800
959	Ore City	\$363,130	1.14%	\$4,140	\$373,116	1.37%	\$5,112
962	Overton	\$682,213	3.98%	\$27,152	\$700,974	3.64%	\$25,515
961	Ovilla	\$1,897,348	10.55%	\$200,170	\$1,949,525	11.52%	\$224,585
963	Oyster Creek	\$1,174,581	9.81%	\$115,226	\$1,206,882	10.24%	\$123,585
964	Paducah	\$294,443	0.00%	\$0	\$299,596	0.00%	\$0
966	Palacios	\$1,773,662	9.55%	\$169,385	\$1,822,438	8.06%	\$146,889
968	Palestine	\$9,668,834	13.75%	\$1,329,465	\$9,934,727	14.07%	\$1,397,816
967	Palm Valley	\$555,835	4.42%	\$24,568	\$571,120	4.16%	\$23,759
970	Palmer	\$1,389,276	11.95%	\$166,018	\$1,427,481	12.15%	\$173,439
969	Palmhurst	\$1,496,299	5.30%	\$79,304	\$1,537,447	5.29%	\$81,331
971	Palmview	\$3,972,564	1.66%	\$65,945	\$4,081,810	1.64%	\$66,942
972	Pampa	\$8,922,546	19.67%	\$1,755,065	\$9,167,916	20.34%	\$1,864,754
974	Panhandle	\$956,913	10.56%	\$101,050	\$982,271	10.93%	\$107,362
973	Panorama Village	\$829,147	3.81%	\$31,591	\$851,949	3.04%	\$25,899
975	Pantego	\$3,144,977	15.01%	\$472,061	\$3,231,464	15.80%	\$510,571
976	Paris	\$17,031,052	4.59%	\$781,725	\$17,448,313	5.36%	\$935,230
977	Parker	\$1,936,491	13.38%	\$259,102	\$1,989,745	13.70%	\$272,595
978	Pasadena	\$72,410,093	12.81%	\$9,275,733	\$74,401,371	13.53%	\$10,066,505
983	Pearland	\$61,763,023	13.05%	\$8,060,075	\$63,461,506	13.44%	\$8,529,226
984	Pearsall	\$3,185,353	3.48%	\$110,850	\$3,272,950	3.84%	\$125,681
988	Pecos City	\$8,495,082	6.14%	\$521,598	\$8,728,697	6.16%	\$537,688
989	Pelican Bay	\$522,849	3.35%	\$17,515	\$537,227	4.49%	\$24,121
991	Penitas	\$1,807,529	3.86%	\$69,771	\$1,857,236	3.85%	\$71,504
994	Perryton	\$4,007,311	9.79%	\$392,316	\$4,117,512	10.46%	\$430,692
1000	Pflugerville	\$26,413,426	13.87%	\$3,663,542	\$27,139,795	14.24%	\$3,864,707
1002	Pharr	\$43,424,271	12.10%	\$5,254,337	\$44,618,438	11.71%	\$5,224,819
1004	Pilot Point	\$3,880,584	10.50%	\$407,461	\$3,987,300	10.17%	\$405,508
1005	Pinehurst	\$1,240,928	17.41%	\$216,046	\$1,273,813	18.67%	\$237,821
1003	Pineland	\$420,397	3.22%	\$13,537	\$431,958	4.16%	\$17,969
1001	Piney Point Village	\$564,818	7.74%	\$43,717	\$580,350	8.27%	\$47,995
1006	Pittsburg	\$1,786,408	10.22%	\$182,571	\$1,835,534	10.94%	\$200,807
1007	Plains	\$486,073	3.97%	\$19,297	\$499,440	4.09%	\$20,427
1008	Plainview	\$7,094,903	11.18%	\$793,210	\$7,268,728	11.64%	\$846,080
1010	Plano	\$192,676,654	16.60%	\$31,984,325	\$197,975,262	17.64%	\$34,922,836

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1012	Pleasanton	\$6,489,914	15.01%	\$974,136	\$6,668,387	15.70%	\$1,046,937
1013	Point	\$334,600	9.40%	\$31,452	\$343,802	9.77%	\$33,589
1017	Ponder	\$958,945	5.74%	\$55,043	\$985,316	5.24%	\$51,631
1014	Port Aransas	\$7,567,660	14.40%	\$1,089,743	\$7,775,771	15.29%	\$1,188,915
11016	Port Arthur	\$43,701,883	13.86%	\$6,057,081	\$44,903,685	14.67%	\$6,587,371
1018	Port Isabel	\$2,847,173	9.37%	\$266,780	\$2,925,470	9.89%	\$289,329
1020	Port Lavaca	\$4,845,951	5.45%	\$264,104	\$4,979,215	6.13%	\$305,226
1022	Port Neches	\$8,291,033	15.26%	\$1,265,212	\$8,519,036	15.00%	\$1,277,855
1019	Portland	\$10,258,422	17.63%	\$1,808,560	\$10,540,529	18.16%	\$1,914,160
1024	Post	\$1,151,453	17.50%	\$201,504	\$1,183,118	16.68%	\$197,344
1026	Poteet	\$1,034,127	2.36%	\$24,405	\$1,062,565	2.56%	\$27,202
1028	Poth	\$501,730	4.34%	\$21,775	\$515,528	4.26%	\$21,961
1030	Pottsboro	\$1,059,133	6.30%	\$66,725	\$1,088,259	6.33%	\$68,887
1031	Prairie View	\$1,319,211	2.69%	\$35,487	\$1,355,489	2.40%	\$32,532
1032	Premont	\$686,983	0.88%	\$6,045	\$704,501	1.44%	\$10,145
1029	Presidio	\$1,835,534	2.09%	\$38,363	\$1,886,011	2.05%	\$38,663
1033	Primera	\$862,200	4.07%	\$35,092	\$885,911	4.22%	\$37,385
1034	Princeton	\$8,163,442	11.79%	\$962,470	\$8,387,937	11.37%	\$953,708
1036	Prosper	\$24,355,909	14.12%	\$3,439,054	\$25,025,696	14.29%	\$3,576,172
1037	Providence Village	\$746,639	6.39%	\$47,710	\$767,172	5.87%	\$45,033
1042	Quanah	\$552,141	3.13%	\$17,282	\$561,803	2.70%	\$15,169
1045	Queen City	\$617,636	6.21%	\$38,355	\$634,621	8.54%	\$54,197
1044	Quinlan	\$971,562	10.12%	\$98,322	\$998,280	10.14%	\$101,226
1047	Quintana	\$455,348	8.49%	\$38,659	\$467,870	8.75%	\$40,939
1046	Quitaque	\$155,717	3.42%	\$5,326	\$159,999	0.61%	\$976
1048	Quitman	\$1,214,116	5.26%	\$63,863	\$1,247,504	5.33%	\$66,492
1050	Ralls	\$374,719	5.12%	\$19,186	\$385,024	6.41%	\$24,680
1051	Rancho Viejo	\$673,222	5.50%	\$37,027	\$691,736	4.79%	\$33,134
1052	Ranger	\$1,092,494	6.88%	\$75,164	\$1,119,260	6.93%	\$77,565
1054	Rankin	\$226,572	7.38%	\$16,721	\$232,803	2.73%	\$6,356
1055	Ransom Canyon	\$613,389	23.83%	\$146,171	\$630,257	9.12%	\$57,479
1058	Raymondville	\$2,649,344	1.69%	\$44,774	\$2,722,201	2.04%	\$55,533
1061	Red Oak	\$8,974,024	6.43%	\$577,030	\$9,220,810	6.46%	\$595,664
1062	Redwater	\$324,754	2.65%	\$8,606	\$333,685	2.29%	\$7,641
1064	Refugio	\$1,449,209	0.00%	\$0	\$1,489,062	0.00%	\$0
1065	Reklaw	\$245,679	15.26%	\$37,491	\$251,944	12.43%	\$31,317
1066	Reno (Lamar County)	\$777,523	4.98%	\$38,721	\$798,905	5.02%	\$40,105
1069	Reno (Parker County)	\$1,129,345	3.23%	\$36,478	\$1,160,402	3.63%	\$42,123
1067	Rhome	\$958,361	6.92%	\$66,319	\$984,716	6.14%	\$60,462
1068	Rice	\$476,029	1.21%	\$5,760	\$489,120	1.50%	\$7,337
1070	Richardson	\$79,812,406	15.08%	\$12,035,711	\$82,007,247	16.05%	\$13,162,163
1073	Richland Hills	\$5,286,521	16.02%	\$846,901	\$5,431,900	17.33%	\$941,348
1074	Richland Springs	\$31,482	0.00%	\$0	\$32,033	0.00%	\$0
1076	Richmond	\$10,340,662	14.94%	\$1,544,895	\$10,625,030	15.43%	\$1,639,442
1077	Richwood	\$1,458,828	11.51%	\$167,911	\$1,498,946	12.38%	\$185,570

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1072	Riesel	\$393,382	5.86%	\$23,052	\$404,200	5.66%	\$22,878
1075	Rio Grande City	\$6,284,433	6.91%	\$434,254	\$6,457,255	7.21%	\$465,568
1078	Rio Hondo	\$581,837	8.61%	\$50,096	\$597,838	9.28%	\$55,479
1079	Rio Vista	\$370,222	3.30%	\$12,217	\$376,701	3.65%	\$13,750
1080	Rising Star	\$286,809	0.39%	\$1,119	\$294,696	0.49%	\$1,444
1082	River Oaks	\$3,625,316	13.25%	\$480,354	\$3,717,762	14.17%	\$526,807
1084	Roanoke	\$13,126,449	17.17%	\$2,253,811	\$13,487,426	17.63%	\$2,377,833
1088	Robert Lee	\$181,270	3.82%	\$6,925	\$185,167	3.83%	\$7,092
1089	Robinson	\$4,070,749	14.08%	\$573,161	\$4,182,695	14.92%	\$624,058
21090	Robstown	\$4,504,839	4.91%	\$221,188	\$4,628,722	4.87%	\$225,419
11090	Robstown Utility Systems	\$2,580,913	18.07%	\$466,371	\$2,641,564	20.77%	\$548,653
1092	Roby	\$92,210	5.01%	\$4,620	\$93,824	5.66%	\$5,310
1096	Rockdale	\$2,280,021	8.41%	\$191,750	\$2,342,722	8.64%	\$202,411
1098	Rockport	\$7,942,062	17.41%	\$1,382,713	\$8,160,469	18.89%	\$1,541,513
1100	Rocksprings	\$290,621	1.67%	\$4,853	\$297,451	1.63%	\$4,848
1102	Rockwall	\$25,681,350	15.02%	\$3,857,339	\$26,387,587	15.63%	\$4,124,380
1104	Rogers	\$406,231	8.10%	\$32,905	\$413,340	8.23%	\$34,018
1105	Rollingwood	\$1,440,402	11.91%	\$171,552	\$1,480,013	12.49%	\$184,854
1106	Roma	\$4,622,911	8.79%	\$406,354	\$4,750,041	9.58%	\$455,054
1109	Roscoe	\$298,865	1.54%	\$4,603	\$307,084	1.33%	\$4,084
1112	Rosebud	\$443,716	1.80%	\$7,987	\$455,918	1.80%	\$8,207
1114	Rosenberg	\$19,234,792	16.05%	\$3,087,184	\$19,763,749	16.73%	\$3,306,475
1116	Rotan	\$306,942	0.00%	\$0	\$314,462	0.00%	\$0
1118	Round Rock	\$80,669,990	16.20%	\$13,068,538	\$82,888,415	16.98%	\$14,074,453
1119	Rowlett	\$33,706,396	13.09%	\$4,412,167	\$34,633,322	13.29%	\$4,602,768
1120	Royse City	\$6,651,988	15.60%	\$1,037,710	\$6,834,918	15.65%	\$1,069,665
1122	Rule	\$90,439	1.68%	\$1,519	\$92,022	0.51%	\$469
1123	Runaway Bay	\$894,547	1.72%	\$15,386	\$919,147	1.71%	\$15,717
1124	Runge	\$152,691	11.58%	\$17,682	\$156,890	11.77%	\$18,466
1126	Rusk	\$1,790,324	6.02%	\$107,778	\$1,839,558	6.46%	\$118,835
1128	Sabinal	\$507,046	1.92%	\$9,735	\$517,440	2.32%	\$12,005
1129	Sachse	\$11,820,261	14.25%	\$1,684,387	\$12,145,318	14.56%	\$1,768,358
1131	Saginaw	\$10,993,653	21.25%	\$2,336,151	\$11,295,978	20.85%	\$2,355,211
1135	Saint Hedwig	\$369,760	3.14%	\$11,610	\$379,928	3.26%	\$12,386
1130	Saint Jo	\$317,082	5.16%	\$16,361	\$322,631	5.95%	\$19,197
1133	Salado	\$779,624	5.85%	\$45,608	\$801,064	6.16%	\$49,346
1132	San Angelo	\$40,887,495	16.91%	\$6,914,075	\$41,971,014	17.65%	\$7,407,884
21136	San Antonio	\$459,570,993	13.08%	\$60,111,886	\$472,209,195	12.79%	\$60,395,556
11136	San Antonio Water System	\$125,092,266	3.61%	\$4,515,831	\$128,532,303	3.89%	\$4,999,907
1138	San Augustine	\$1,412,605	8.60%	\$121,484	\$1,444,389	8.61%	\$124,362
1140	San Benito	\$6,560,011	4.63%	\$303,729	\$6,733,851	4.75%	\$319,858
1144	San Felipe	\$220,792	3.62%	\$7,993	\$225,539	3.71%	\$8,367
1148	San Juan	\$10,009,193	4.24%	\$424,390	\$10,284,446	4.28%	\$440,174
1150	San Marcos	\$53,439,690	18.35%	\$9,806,183	\$54,909,281	19.00%	\$10,432,763
1152	San Saba	\$2,279,931	8.79%	\$200,406	\$2,342,629	9.33%	\$218,567

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1145	Sandy Oaks	\$390,527	3.20%	\$12,497	\$401,266	2.54%	\$10,192
1146	Sanger	\$5,234,861	12.80%	\$670,062	\$5,378,820	12.65%	\$680,421
1153	Sansom Park	\$2,354,914	9.86%	\$232,195	\$2,419,674	10.41%	\$251,888
1155	Santa Fe	\$3,762,238	18.38%	\$691,499	\$3,865,700	19.42%	\$750,719
1158	Savoy	\$178,492	1.36%	\$2,427	\$181,616	1.92%	\$3,487
1159	Schertz	\$25,104,207	16.18%	\$4,061,861	\$25,794,573	16.59%	\$4,279,320
1160	Schulenburg	\$2,164,112	17.93%	\$388,025	\$2,223,625	18.98%	\$422,044
1161	Seabrook	\$8,289,679	16.11%	\$1,335,467	\$8,517,645	16.37%	\$1,394,338
1162	Seadrift	\$791,753	2.31%	\$18,289	\$813,526	2.08%	\$16,921
1164	Seagoville	\$6,917,799	11.01%	\$761,650	\$7,108,038	11.59%	\$823,822
1166	Seagraves	\$854,617	8.40%	\$71,788	\$878,119	8.89%	\$78,065
1167	Sealy	\$4,087,773	12.67%	\$517,921	\$4,200,187	13.72%	\$576,266
1168	Seguin	\$27,550,769	22.20%	\$6,116,271	\$28,308,415	22.48%	\$6,363,732
1169	Selma	\$6,251,293	15.25%	\$953,322	\$6,423,204	15.97%	\$1,025,786
1170	Seminole	\$3,467,258	11.83%	\$410,177	\$3,562,608	13.42%	\$478,102
1171	Seven Points	\$693,940	2.94%	\$20,402	\$713,023	3.44%	\$24,528
1172	Seymour	\$1,085,546	6.48%	\$70,343	\$1,115,399	7.49%	\$83,543
1165	Shady Shores	\$179,966	10.86%	\$19,544	\$184,915	9.76%	\$18,048
1177	Shallowater	\$820,245	4.29%	\$35,189	\$842,802	4.75%	\$40,033
1174	Shamrock	\$615,198	8.84%	\$54,384	\$631,501	6.05%	\$38,206
1173	Shavano Park	\$3,486,998	14.29%	\$498,292	\$3,582,890	14.05%	\$503,396
1175	Shenandoah	\$4,220,711	18.45%	\$778,721	\$4,294,573	19.64%	\$843,454
1181	Shepherd	\$330,207	2.53%	\$8,354	\$339,288	2.91%	\$9,873
1176	Sherman	\$32,716,370	13.69%	\$4,478,871	\$33,616,070	14.09%	\$4,736,504
1178	Shiner	\$1,540,616	10.44%	\$160,840	\$1,582,983	11.12%	\$176,028
1179	Shoreacres	\$575,075	4.43%	\$25,476	\$589,164	4.59%	\$27,043
1180	Silsbee	\$3,671,056	18.55%	\$680,981	\$3,772,010	19.17%	\$723,094
1182	Silverton	\$140,581	4.51%	\$6,340	\$144,447	5.91%	\$8,537
1183	Simonton	\$155,499	10.69%	\$16,623	\$159,775	11.04%	\$17,639
1184	Sinton	\$1,960,015	12.76%	\$250,098	\$2,013,915	13.35%	\$268,858
1185	Skellytown	\$201,070	1.91%	\$3,840	\$206,599	2.47%	\$5,103
1186	Slaton	\$2,045,650	6.47%	\$132,354	\$2,089,631	6.97%	\$145,647
1188	Smithville	\$3,287,533	10.51%	\$345,520	\$3,377,940	11.12%	\$375,627
1189	Smyer	\$143,667	5.19%	\$7,456	\$147,618	5.89%	\$8,695
1193	Snook	\$113,540	1.42%	\$1,612	\$116,662	1.84%	\$2,147
1190	Snyder	\$5,302,844	13.25%	\$702,627	\$5,448,672	14.18%	\$772,622
1191	Somerset	\$614,830	2.39%	\$14,694	\$631,738	2.44%	\$15,414
1192	Somerville	\$636,280	6.51%	\$41,422	\$653,778	6.54%	\$42,757
1194	Sonora	\$1,390,343	7.34%	\$102,051	\$1,428,577	8.22%	\$117,429
1196	Sour Lake	\$759,091	5.25%	\$39,852	\$779,966	5.57%	\$43,444
1198	South Houston	\$6,189,865	9.24%	\$571,944	\$6,360,086	10.12%	\$643,641
1199	South Padre Island	\$9,787,117	12.50%	\$1,223,390	\$10,056,263	13.00%	\$1,307,314
1197	Southlake	\$29,165,327	12.16%	\$3,546,504	\$29,967,373	12.49%	\$3,742,925
1200	Southmayd	\$323,152	3.27%	\$10,567	\$332,039	3.29%	\$10,924
1202	Southside Place	\$1,637,222	10.96%	\$179,440	\$1,682,246	10.78%	\$181,346

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1204	Spearman	\$1,145,394	9.43%	\$108,011	\$1,176,892	10.07%	\$118,513
1201	Splendora	\$1,846,919	11.07%	\$204,454	\$1,897,709	10.43%	\$197,931
1205	Spring Valley Village	\$3,686,334	6.13%	\$225,972	\$3,787,708	6.17%	\$233,702
1203	Springtown	\$2,090,938	9.27%	\$193,830	\$2,148,439	9.79%	\$210,332
1206	Spur	\$330,064	5.25%	\$17,328	\$339,141	5.02%	\$17,025
1207	Stafford	\$10,716,384	13.13%	\$1,407,061	\$11,011,085	14.09%	\$1,551,462
1208	Stamford	\$899,942	3.10%	\$27,898	\$915,691	2.97%	\$27,196
1210	Stanton	\$1,493,397	5.08%	\$75,865	\$1,534,465	5.75%	\$88,232
1211	Star Harbor	\$162,715	15.89%	\$25,855	\$165,888	10.38%	\$17,219
1212	Stephenville	\$10,742,366	6.47%	\$695,031	\$11,037,781	6.80%	\$750,569
1213	Sterling City	\$361,751	1.08%	\$3,907	\$371,699	1.13%	\$4,200
1214	Stinnett	\$841,003	0.00%	\$0	\$864,131	0.00%	\$0
1216	Stockdale	\$459,496	4.21%	\$19,345	\$472,132	3.56%	\$16,808
1218	Stratford	\$785,114	9.39%	\$73,722	\$806,705	10.06%	\$81,155
1220	Strawn	\$304,724	7.35%	\$22,397	\$313,104	6.93%	\$21,698
1224	Sudan	\$410,731	1.56%	\$6,407	\$422,026	1.13%	\$4,769
1225	Sugar Land	\$63,166,793	14.36%	\$9,070,751	\$64,903,880	14.59%	\$9,469,476
1223	Sullivan City	\$853,134	2.28%	\$19,451	\$876,595	2.47%	\$21,652
1226	Sulphur Springs	\$9,301,451	7.11%	\$661,333	\$9,557,241	7.19%	\$687,166
1228	Sundown	\$537,640	11.66%	\$62,689	\$551,887	12.70%	\$70,090
1229	Sunnyvale	\$4,888,122	12.33%	\$602,705	\$5,022,545	12.30%	\$617,773
1230	Sunray	\$605,606	13.23%	\$80,122	\$622,260	11.72%	\$72,929
1227	Sunrise Beach Village	\$685,545	1.59%	\$10,900	\$704,397	1.48%	\$10,425
1231	Sunset Valley	\$2,191,622	10.91%	\$239,106	\$2,251,892	10.71%	\$241,178
1233	Surfside Beach	\$1,325,737	5.49%	\$72,783	\$1,362,195	5.51%	\$75,057
1232	Sweeny	\$1,249,283	14.77%	\$184,519	\$1,283,638	14.78%	\$189,722
1234	Sweetwater	\$6,415,911	17.37%	\$1,114,444	\$6,592,349	17.62%	\$1,161,572
1264	TMRS	\$14,962,463	15.06%	\$2,253,347	\$15,373,931	15.73%	\$2,418,319
1236	Taft	\$1,256,897	15.81%	\$198,715	\$1,288,948	11.49%	\$148,100
1238	Tahoka	\$901,372	1.99%	\$17,937	\$926,160	2.59%	\$23,988
1240	Talty	\$210,595	10.62%	\$22,365	\$216,386	9.37%	\$20,275
1241	Tatum	\$326,887	1.87%	\$6,113	\$335,876	1.47%	\$4,937
1246	Taylor	\$10,194,398	12.70%	\$1,294,689	\$10,474,744	12.94%	\$1,355,432
1248	Teague	\$966,089	7.47%	\$72,167	\$982,996	7.88%	\$77,460
1252	Temple	\$43,900,065	16.80%	\$7,375,211	\$45,107,317	17.42%	\$7,857,695
1254	Tenaha	\$211,359	0.00%	\$0	\$217,171	0.00%	\$0
1256	Terrell	\$13,114,257	16.65%	\$2,183,524	\$13,474,899	17.84%	\$2,403,922
1258	Terrell Hills	\$3,070,711	15.70%	\$482,102	\$3,155,156	15.81%	\$498,830
31263	Tex Municipal League IEBP	\$12,826,493	8.58%	\$1,100,513	\$13,179,222	8.45%	\$1,113,644
21263	Tex Municipal League IRP	\$28,903,915	10.60%	\$3,063,815	\$29,698,773	11.51%	\$3,418,329
21260	Texarkana	\$8,741,354	15.80%	\$1,381,134	\$8,938,034	16.44%	\$1,469,413
11260	Texarkana Police Dept	\$6,266,103	14.47%	\$906,705	\$6,438,421	16.20%	\$1,043,024
31260	Texarkana Water Utilities	\$8,270,805	16.70%	\$1,381,224	\$8,489,981	16.97%	\$1,440,750
1262	Texas City	\$27,272,489	16.88%	\$4,603,596	\$28,022,482	18.24%	\$5,111,301
11263	Texas Municipal League	\$3,513,905	13.66%	\$479,999	\$3,610,537	15.11%	\$545,552

\*Reflects phase-in, when applicable.



**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1267	The Colony	\$30,990,601	13.45%	\$4,168,236	\$31,842,843	13.51%	\$4,301,968
1269	Thompsons	\$88,810	5.61%	\$4,982	\$91,252	7.02%	\$6,406
1268	Thorndale	\$400,972	7.04%	\$28,228	\$407,989	7.37%	\$30,069
1272	Thrall	\$264,243	5.26%	\$13,899	\$271,510	3.29%	\$8,933
1274	Three Rivers	\$1,757,929	24.38%	\$428,583	\$1,806,272	26.80%	\$484,081
1276	Throckmorton	\$158,855	6.01%	\$9,547	\$162,906	8.45%	\$13,766
1277	Tiki Island	\$561,783	3.45%	\$19,382	\$577,232	3.47%	\$20,030
1278	Timpson	\$298,874	0.70%	\$2,092	\$307,093	1.01%	\$3,102
1280	Tioga	\$508,734	4.26%	\$21,672	\$522,724	4.35%	\$22,738
1285	Todd Mission	\$362,008	12.40%	\$44,889	\$371,963	7.62%	\$28,344
1283	Tolar	\$322,311	7.18%	\$23,142	\$331,175	7.20%	\$23,845
1286	Tom Bean	\$355,441	2.54%	\$9,028	\$364,860	2.71%	\$9,888
1284	Tomball	\$13,870,489	13.04%	\$1,808,712	\$14,251,927	13.51%	\$1,925,435
1287	Tool	\$639,878	3.70%	\$23,675	\$657,475	3.58%	\$23,538
1290	Trent	\$94,653	2.19%	\$2,073	\$97,256	3.97%	\$3,861
1292	Trenton	\$301,228	3.67%	\$11,055	\$306,499	3.83%	\$11,739
1293	Trinidad	\$305,532	14.50%	\$44,302	\$310,879	15.89%	\$49,399
1294	Trinity	\$915,029	5.52%	\$50,510	\$940,192	5.87%	\$55,189
1295	Trophy Club	\$5,825,296	12.68%	\$738,648	\$5,985,492	12.90%	\$772,128
1296	Troup	\$943,006	8.65%	\$81,570	\$968,939	8.86%	\$85,848
1297	Troy	\$846,654	9.56%	\$80,940	\$869,937	9.43%	\$82,035
1298	Tulia	\$1,686,444	8.46%	\$142,673	\$1,732,821	9.62%	\$166,697
1299	Turkey	\$154,615	5.24%	\$8,102	\$158,867	5.46%	\$8,674
1300	Tuscola	\$78,928	4.67%	\$3,686	\$81,099	6.51%	\$5,280
1301	Tye	\$659,261	5.80%	\$38,237	\$677,391	5.69%	\$38,544
1304	Tyler	\$45,117,620	20.65%	\$9,316,789	\$46,358,355	21.58%	\$10,004,133
1307	Uhland	\$308,548	13.00%	\$40,111	\$317,033	12.40%	\$39,312
1305	Universal City	\$9,146,324	18.83%	\$1,722,253	\$9,397,848	19.59%	\$1,841,038
1306	University Park	\$19,895,745	8.17%	\$1,625,482	\$20,442,878	8.59%	\$1,756,043
1308	Uvalde	\$7,707,229	8.80%	\$678,236	\$7,919,178	8.94%	\$707,975
1312	Valley Mills	\$398,000	1.65%	\$6,567	\$408,945	1.45%	\$5,930
1313	Valley View	\$291,219	4.96%	\$14,444	\$299,228	4.51%	\$13,495
1314	Van	\$1,167,743	6.30%	\$73,568	\$1,199,856	6.95%	\$83,390
1316	Van Alstyne	\$3,403,626	12.86%	\$437,706	\$3,497,226	12.65%	\$442,399
1318	Van Horn	\$1,361,715	7.98%	\$108,665	\$1,385,545	8.24%	\$114,169
1320	Vega	\$250,423	20.67%	\$51,762	\$257,059	9.97%	\$25,629
1324	Venus	\$2,224,411	10.80%	\$240,236	\$2,285,582	10.69%	\$244,329
1326	Vernon	\$4,306,989	11.77%	\$506,933	\$4,408,203	12.30%	\$542,209
1328	Victoria	\$33,761,337	16.11%	\$5,438,951	\$34,689,774	17.27%	\$5,990,924
1329	Vidor	\$4,024,187	14.32%	\$576,264	\$4,134,852	15.13%	\$625,603
1500	Village Fire Department	\$4,854,138	6.22%	\$301,927	\$4,977,919	6.11%	\$304,151
1327	Village of the Hills	\$120,147	12.14%	\$14,586	\$123,451	12.77%	\$15,765
1325	Von Ormy	\$516,823	10.50%	\$54,266	\$531,036	8.92%	\$47,368
1330	Waco	\$103,611,132	13.67%	\$14,163,642	\$106,356,827	13.92%	\$14,804,870
1332	Waelder	\$833,322	2.05%	\$17,083	\$856,238	1.98%	\$16,954

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1334	Wake Village	\$1,207,465	13.88%	\$167,596	\$1,240,670	14.08%	\$174,686
1336	Waller	\$2,030,072	11.36%	\$230,616	\$2,085,899	10.64%	\$221,940
1337	Wallis	\$736,234	2.43%	\$17,890	\$756,480	2.38%	\$18,004
1338	Walnut Springs	\$141,464	4.03%	\$5,701	\$145,354	2.51%	\$3,648
1340	Waskom	\$751,875	23.29%	\$175,112	\$769,544	24.12%	\$185,614
1341	Watauga	\$10,506,214	14.74%	\$1,548,616	\$10,721,591	16.53%	\$1,772,279
1342	Waxahachie	\$22,202,680	15.89%	\$3,528,006	\$22,813,254	16.71%	\$3,812,095
1344	Weatherford	\$25,586,089	13.51%	\$3,456,681	\$26,289,706	14.53%	\$3,819,894
1345	Webster	\$13,628,686	17.08%	\$2,327,780	\$14,003,475	18.59%	\$2,603,246
1346	Weimar	\$1,585,844	13.14%	\$208,380	\$1,629,455	12.90%	\$210,200
1350	Wellington	\$403,343	5.07%	\$20,449	\$414,435	3.22%	\$13,345
1352	Wells	\$306,687	3.36%	\$10,305	\$315,121	3.44%	\$10,840
1354	Weslaco	\$13,518,834	8.09%	\$1,093,674	\$13,768,932	8.18%	\$1,126,299
1356	West	\$986,803	4.93%	\$48,649	\$1,013,940	5.00%	\$50,697
1358	West Columbia	\$1,850,987	3.78%	\$69,967	\$1,901,889	3.88%	\$73,793
1359	West Lake Hills	\$2,165,443	16.08%	\$348,203	\$2,207,669	18.27%	\$403,341
1361	West Orange	\$1,603,556	19.01%	\$304,836	\$1,638,032	18.10%	\$296,484
1365	West Tawakoni	\$533,417	5.05%	\$26,938	\$545,419	5.68%	\$30,980
1364	West University Place	\$11,386,983	12.52%	\$1,425,650	\$11,700,125	12.24%	\$1,432,095
1363	Westlake	\$5,040,915	11.87%	\$598,357	\$5,179,540	12.04%	\$623,617
1362	Westover Hills	\$1,503,824	5.63%	\$84,665	\$1,545,179	5.63%	\$86,994
1366	Westworth Village	\$2,280,609	10.40%	\$237,183	\$2,343,326	9.74%	\$228,240
1368	Wharton	\$5,791,130	4.94%	\$286,082	\$5,950,386	5.78%	\$343,932
1370	Wheeler	\$289,443	10.38%	\$30,044	\$297,403	10.83%	\$32,209
1372	White Deer	\$310,249	10.59%	\$32,855	\$315,678	8.91%	\$28,127
1377	White Oak	\$2,453,075	13.94%	\$341,959	\$2,518,081	15.44%	\$388,792
1378	White Settlement	\$7,738,439	16.96%	\$1,312,439	\$7,951,246	18.07%	\$1,436,790
1374	Whiteface	\$151,529	2.64%	\$4,000	\$155,090	2.34%	\$3,629
1375	Whitehouse	\$2,523,208	8.07%	\$203,623	\$2,590,073	7.58%	\$196,328
1376	Whitesboro	\$2,687,750	5.53%	\$148,633	\$2,761,663	5.66%	\$156,310
1380	Whitewright	\$950,917	2.67%	\$25,389	\$977,067	2.83%	\$27,651
1382	Whitney	\$984,274	3.08%	\$30,316	\$1,009,373	2.99%	\$30,180
1384	Wichita Falls	\$52,879,131	16.18%	\$8,555,843	\$54,333,307	16.50%	\$8,964,996
1386	Willis	\$2,523,261	8.47%	\$213,720	\$2,592,651	8.12%	\$210,523
1387	Willow Park	\$3,055,507	6.91%	\$211,136	\$3,139,533	6.66%	\$209,093
1388	Wills Point	\$1,215,230	10.43%	\$126,748	\$1,238,927	11.27%	\$139,627
1390	Wilmer	\$3,811,377	5.25%	\$200,097	\$3,916,190	5.14%	\$201,292
1392	Wimberley	\$645,375	6.11%	\$39,432	\$663,123	5.47%	\$36,273
1393	Windcrest	\$4,501,448	10.60%	\$477,153	\$4,625,238	11.46%	\$530,052
1395	Winfield	\$79,355	2.52%	\$2,000	\$81,537	2.51%	\$2,047
1396	Wink	\$581,156	6.01%	\$34,927	\$597,138	5.92%	\$35,351
1398	Winnsboro	\$1,956,582	8.85%	\$173,158	\$2,010,388	9.31%	\$187,167
1399	Winona	\$192,623	5.03%	\$9,689	\$195,994	5.87%	\$11,505
1400	Winters	\$620,540	7.15%	\$44,369	\$635,123	7.58%	\$48,142
1403	Wolfforth	\$2,656,860	10.90%	\$289,598	\$2,729,924	10.92%	\$298,108

\*Reflects phase-in, when applicable.

**SECTION 4**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**COMPARISON OF EXPECTED CITY CONTRIBUTION AMOUNTS**  
**FOR THE RETIREMENT PLAN**

CITY #	CITY NAME	2023 EXPECTED CONTRIBUTIONS			2024 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1409	Woodcreek	\$171,307	9.15%	\$15,675	\$176,018	8.54%	\$15,032
1404	Woodsboro	\$588,779	7.49%	\$44,100	\$604,970	7.65%	\$46,280
1406	Woodville	\$1,711,773	16.79%	\$287,407	\$1,755,423	17.56%	\$308,252
1407	Woodway	\$6,480,334	17.23%	\$1,116,562	\$6,658,543	17.97%	\$1,196,540
1408	Wortham	\$339,947	6.15%	\$20,907	\$348,276	6.27%	\$21,837
1410	Wylie	\$26,744,197	14.96%	\$4,000,932	\$27,479,662	15.30%	\$4,204,388
1412	Yoakum	\$4,746,900	16.98%	\$806,024	\$4,877,440	19.32%	\$942,321
1414	Yorktown	\$388,475	0.00%	\$0	\$395,273	0.00%	\$0
1415	Zavalla	\$354,732	2.12%	\$7,520	\$360,940	2.19%	\$7,905

\*Reflects phase-in, when applicable.

**SECTION 5**



**SUPPLEMENTAL DEATH RATES**

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
4 Abernathy	0.40 %	0.51 %	3	101 Bee Cave	0.21 %	0.23 %	3
6 Abilene	0.21 %	0.47 %	3	102 Beeville	0.25 %	0.59 %	1
7 Addison	0.19 %	0.31 %	3	106 Bellaire	0.22 %	0.39 %	3
8 Agua Dulce	0.37 %	0.37 %	3	109 Bellmead	0.22 %	0.34 %	3
10 Alamo	0.17 %	0.30 %	3	110 Bells	0.18 %	0.32 %	3
12 Alamo Heights	0.22 %	0.41 %	3	112 Bellville	0.25 %	0.52 %	3
14 Alba	0.28 %	0.30 %	3	114 Belton	0.22 %	0.34 %	3
16 Albany	0.33 %	0.68 %	3	118 Benbrook	0.19 %	0.29 %	3
17 Aledo	0.24 %	0.39 %	3	120 Benjamin	1.30 %	1.30 %	3
18 Alice	0.27 %	0.53 %	1	121 Berryville	0.32 %	0.68 %	3
19 Allen	0.20 %	0.25 %	3	123 Bertram	0.19 %	0.44 %	1
20 Alpine	0.20 %	0.37 %	3	119 Beverly Hills	0.15 %	0.15 %	3
22 Alto	0.18 %	0.53 %	3	124 Big Lake	0.30 %	0.35 %	3
23 Alton	0.16 %	0.24 %	3	126 Big Sandy	0.16 %	0.66 %	3
24 Alvarado	0.16 %	0.19 %	3	128 Big Spring	0.25 %	0.50 %	3
26 Alvin	0.18 %	0.31 %	3	132 Bishop	0.24 %	0.56 %	3
28 Alvord	0.23 %	0.31 %	3	134 Blanco	0.18 %	0.28 %	3
30 Amarillo	0.21 %	0.44 %	1	140 Blooming Grove	0.22 %	0.40 %	3
32 Amherst	0.20 %	0.35 %	1	142 Blossom	0.56 %	0.89 %	3
34 Anahuac	0.31 %	0.36 %	3	143 Blue Mound	0.09 %	0.25 %	3
36 Andrews	0.18 %	0.29 %	1	144 Blue Ridge	0.15 %	0.28 %	3
38 Angleton	0.22 %	0.33 %	3	148 Boerne	0.20 %	0.28 %	3
40 Anna	0.15 %	0.16 %	3	150 Bogata	0.27 %	0.57 %	3
41 Annetta	0.17 %	0.17 %	3	152 Bonham	0.25 %	0.39 %	1
44 Anson	0.24 %	0.38 %	3	154 Booker	0.34 %	0.47 %	3
45 Anthony	0.14 %	0.21 %	3	156 Borger	0.33 %	0.49 %	3
48 Aransas Pass	0.26 %	0.37 %	3	158 Bovina	0.19 %	0.61 %	3
50 Archer City	0.46 %	0.92 %	3	160 Bowie	0.35 %	0.60 %	3
49 Arcola	0.26 %	0.27 %	3	162 Boyd	0.11 %	0.28 %	1
51 Argyle	0.14 %	0.21 %	1	166 Brady	0.30 %	0.47 %	3
52 Arlington	0.17 %	0.30 %	3	170 Brazoria	0.18 %	0.46 %	3
54 Arp	0.21 %	0.25 %	3	172 Breckenridge	0.20 %	0.43 %	3
60 Aspermont	0.21 %	0.48 %	3	174 Bremond	0.38 %	1.09 %	3
62 Athens	0.17 %	0.32 %	3	176 Brenham	0.20 %	0.39 %	1
64 Atlanta	0.24 %	0.44 %	3	177 Bridge City	0.28 %	0.46 %	3
66 Aubrey	0.15 %	0.17 %	3	178 Bridgeport	0.19 %	0.29 %	3
67 Aurora	0.17 %	0.17 %	3	180 Bronte	0.34 %	0.41 %	3
72 Avery	0.05 %	0.05 %	3	182 Brookshire	0.29 %	0.33 %	3
74 Avinger	0.73 %	0.73 %	3	184 Brownfield	0.20 %	0.39 %	1
75 Azle	0.19 %	0.27 %	3	186 Brownsboro	0.99 %	0.99 %	3
77 Baird	0.50 %	0.62 %	3	10188 Brownsville	0.18 %	0.34 %	3
78 Balch Springs	0.18 %	0.27 %	3	20188 Brownsville PUB	0.22 %	0.38 %	3
79 Balcones Heights	0.25 %	0.43 %	3	10190 Brownwood	0.21 %	0.46 %	1
80 Ballinger	0.19 %	0.50 %	3	30190 Brownwood Health Dept.	0.18 %	0.33 %	1
82 Balmorhea	0.17 %	0.17 %	3	20190 Brownwood Public Library	1.15 %	1.21 %	1
83 Bandera	0.21 %	0.54 %	3	195 Bruceville-Eddy	0.16 %	0.39 %	3
84 Bangs	0.30 %	0.44 %	3	192 Bryan	0.20 %	0.32 %	1
90 Bartlett	0.22 %	0.42 %	3	193 Bryson	0.24 %	0.24 %	1
91 Bartonville	0.16 %	0.22 %	3	194 Buda	0.18 %	0.23 %	3
92 Bastrop	0.19 %	0.27 %	3	196 Buffalo	0.26 %	0.59 %	3
94 Bay City	0.18 %	0.42 %	3	198 Bullard	0.24 %	0.32 %	3
93 Bayou Vista	0.20 %	0.34 %	3	203 Bulverde	0.18 %	0.24 %	3
96 Baytown	0.16 %	0.25 %	3	199 Bunker Hill Village	0.32 %	0.35 %	3
98 Beaumont	0.25 %	0.46 %	1	200 Burkburnett	0.21 %	0.47 %	3
100 Bedford	0.16 %	0.20 %	2	202 Burleson	0.17 %	0.23 %	3

\*Codes indicating provision adopted as of April 1, 2023: 1 = None, 2 = Actives only, 3 = Actives and Retirees

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
204 Burnet	0.17 %	0.27 %	3	290 Commerce	0.17 %	0.46 %	3
205 Byers	0.49 %	0.49 %	3	294 Conroe	0.18 %	0.25 %	1
207 Cactus	0.15 %	0.28 %	3	295 Converse	0.17 %	0.25 %	3
208 Caddo Mills	0.20 %	0.24 %	3	298 Cooper	0.28 %	0.52 %	3
210 Caldwell	0.38 %	0.60 %	3	299 Coppell	0.20 %	0.28 %	3
211 Callisburg	0.14 %	0.14 %	3	297 Copper Canyon	0.51 %	0.58 %	3
212 Calvert	0.38 %	0.58 %	3	300 Copperas Cove	0.20 %	0.43 %	3
214 Cameron	0.23 %	0.40 %	3	301 Corinth	0.20 %	0.27 %	3
216 Campbell	0.25 %	0.25 %	3	302 Corpus Christi	0.22 %	0.48 %	1
220 Canadian	0.26 %	0.42 %	3	304 Corrigan	0.26 %	0.42 %	3
221 Caney City	0.24 %	0.24 %	3	306 Corsicana	0.23 %	0.48 %	3
222 Canton	0.38 %	0.44 %	3	307 Cottonwood Shores	0.69 %	0.69 %	3
224 Canyon	0.21 %	0.30 %	3	308 Cotulla	0.26 %	0.45 %	3
227 Carmine	0.12 %	0.12 %	3	311 Covington	0.27 %	0.27 %	3
228 Carrizo Springs	0.28 %	0.57 %	3	310 Crandall	0.14 %	0.25 %	3
230 Carrollton	0.18 %	0.32 %	1	312 Crane	0.25 %	0.37 %	3
232 Carthage	0.33 %	0.57 %	3	314 Crawford	0.34 %	0.36 %	1
231 Castle Hills	0.22 %	0.45 %	3	315 Creedmoor	0.45 %	0.45 %	3
234 Castroville	0.26 %	0.51 %	3	316 Crockett	0.23 %	0.62 %	3
238 Cedar Hill	0.18 %	0.26 %	3	318 Crosbyton	0.13 %	1.15 %	3
239 Cedar Park	0.17 %	0.22 %	3	320 Cross Plains	0.26 %	0.45 %	3
240 Celeste	0.61 %	0.84 %	3	321 Cross Roads	0.19 %	0.20 %	3
242 Celina	0.16 %	0.17 %	3	322 Crowell	0.38 %	0.38 %	3
244 Center	0.24 %	0.39 %	3	323 Crowley	0.19 %	0.25 %	3
246 Centerville	0.44 %	0.49 %	1	324 Crystal City	0.29 %	0.62 %	1
247 Chandler	0.33 %	0.44 %	3	326 Cuero	0.29 %	0.48 %	3
248 Charlotte	0.22 %	0.25 %	3	328 Cumby	0.35 %	0.45 %	3
249 Chester	0.11 %	2.28 %	3	332 Daingerfield	0.15 %	0.30 %	1
245 Chico	0.41 %	1.30 %	3	334 Daisetta	0.58 %	0.94 %	3
250 Childress	0.35 %	0.67 %	3	336 Dalhart	0.18 %	0.45 %	3
251 Chillicothe	0.36 %	0.36 %	3	1502 Dallas Police and Fire PS	0.29 %	0.29 %	3
253 Chireno	0.21 %	0.67 %	3	339 Dalworthington Gardens	0.18 %	0.28 %	3
254 Christine	0.06 %	0.40 %	1	340 Danbury	0.38 %	0.50 %	3
255 Cibolo	0.18 %	0.21 %	3	341 Darrouzett	0.86 %	0.86 %	3
256 Cisco	0.26 %	0.55 %	2	344 Dayton	0.15 %	0.30 %	3
258 Clarendon	0.57 %	1.00 %	3	352 De Leon	0.40 %	0.69 %	3
259 Clarksville	0.26 %	0.56 %	3	10366 DeSoto	0.21 %	0.32 %	3
260 Clarksville City	0.12 %	0.40 %	3	346 Decatur	0.20 %	0.30 %	3
263 Clear Lake Shores	0.20 %	0.28 %	3	348 Deer Park	0.22 %	0.36 %	3
264 Cleburne	0.21 %	0.44 %	3	350 Dekalb	0.19 %	0.36 %	3
266 Cleveland	0.19 %	0.36 %	3	354 Del Rio	0.26 %	0.41 %	3
268 Clifton	0.30 %	0.62 %	3	353 Dell City	0.37 %	0.68 %	3
271 Clute	0.23 %	0.34 %	3	356 Denison	0.20 %	0.40 %	1
272 Clyde	0.28 %	0.41 %	3	358 Denton	0.18 %	0.28 %	3
274 Coahoma	0.32 %	0.68 %	3	360 Denver City	0.23 %	0.44 %	3
276 Cockrell Hill	0.16 %	0.34 %	3	362 Deport	0.17 %	0.55 %	3
278 Coleman	0.27 %	0.68 %	1	370 Devine	0.21 %	0.42 %	3
280 College Station	0.17 %	0.26 %	1	371 Diboll	0.13 %	0.37 %	3
281 Colleyville	0.20 %	0.30 %	3	372 Dickens	0.15 %	0.15 %	3
282 Collinsville	0.16 %	0.34 %	3	373 Dickinson	0.20 %	0.26 %	3
283 Colmesneil	0.18 %	0.19 %	3	374 Dilley	0.17 %	0.33 %	3
284 Colorado City	0.31 %	0.98 %	3	376 Dimmitt	0.40 %	0.67 %	1
286 Columbus	0.23 %	0.52 %	3	382 Donna	0.23 %	0.28 %	1
288 Comanche	0.20 %	0.50 %	3	379 Double Oak	0.30 %	0.47 %	3
289 Combes	0.14 %	0.20 %	1	383 Dripping Springs	0.18 %	0.19 %	3

\*Codes indicating provision adopted as of April 1, 2023: 1 = None, 2 = Actives only, 3 = Actives and Retirees

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
385 Driscoll	0.28 %	0.44 %	3	484 Friona	0.20 %	0.35 %	3
384 Dublin	0.13 %	0.31 %	3	486 Frisco	0.18 %	0.21 %	3
386 Dumas	0.20 %	0.36 %	3	487 Fritch	0.48 %	0.66 %	3
388 Duncanville	0.21 %	0.35 %	1	488 Frost	1.16 %	3.40 %	1
394 Eagle Lake	0.34 %	0.74 %	3	491 Fulshear	0.20 %	0.22 %	3
396 Eagle Pass	0.20 %	0.35 %	3	493 Fulton	0.21 %	0.38 %	3
397 Early	0.18 %	0.28 %	3	492 Gainesville	0.20 %	0.38 %	3
399 Earth	0.19 %	0.61 %	3	494 Galena Park	0.26 %	0.50 %	3
393 East Bernard	0.17 %	0.26 %	3	498 Ganado	0.33 %	0.87 %	3
401 East Mountain	0.13 %	0.32 %	3	499 Garden Ridge	0.43 %	0.57 %	3
395 East Tawakoni	0.27 %	0.50 %	3	500 Garland	0.23 %	0.39 %	3
398 Eastland	0.26 %	0.45 %	3	501 Garrett	0.21 %	0.21 %	3
402 Ector	0.63 %	0.70 %	3	502 Garrison	0.20 %	0.33 %	3
406 Eden	0.18 %	0.64 %	3	503 Gary	0.31 %	0.37 %	1
408 Edgewood	0.52 %	0.75 %	3	504 Gatesville	0.23 %	0.40 %	3
410 Edinburg	0.17 %	0.26 %	3	505 George West	0.25 %	0.37 %	3
412 Edna	0.26 %	0.64 %	3	506 Georgetown	0.17 %	0.21 %	3
414 El Campo	0.18 %	0.35 %	3	510 Giddings	0.32 %	0.59 %	3
416 Eldorado	0.44 %	1.11 %	3	512 Gilmer	0.20 %	0.39 %	3
418 Electra	0.28 %	0.58 %	3	514 Gladewater	0.23 %	0.39 %	3
420 Elgin	0.22 %	0.37 %	3	516 Glen Rose	0.20 %	0.51 %	3
422 Elkhart	0.20 %	0.24 %	1	517 Glenn Heights	0.18 %	0.24 %	3
427 Elmendorf	0.21 %	0.21 %	3	518 Godley	0.13 %	0.29 %	3
432 Emory	0.41 %	0.56 %	3	519 Goldsmith	0.86 %	0.86 %	3
436 Ennis	0.20 %	0.33 %	3	520 Goldthwaite	0.34 %	0.51 %	3
437 Escobares	0.05 %	0.05 %	3	522 Goliad	0.25 %	0.44 %	3
439 Euless	0.19 %	0.32 %	1	524 Gonzales	0.17 %	0.36 %	3
440 Eustace	0.21 %	0.48 %	3	527 Gordon	0.20 %	0.23 %	3
441 Everman	0.15 %	0.23 %	3	530 Gorman	0.31 %	0.57 %	3
443 Fair Oaks Ranch	0.20 %	0.24 %	3	532 Graford	0.11 %	0.25 %	3
442 Fairfield	0.23 %	0.49 %	3	10534 Graham	0.24 %	0.58 %	3
445 Fairview	0.26 %	0.29 %	3	536 Granbury	0.26 %	0.40 %	3
20444 Falfurrias	0.20 %	0.40 %	3	540 Grand Prairie	0.18 %	0.30 %	3
446 Falls City	0.20 %	0.25 %	3	542 Grand Saline	0.19 %	0.39 %	3
448 Farmers Branch	0.17 %	0.34 %	2	544 Grandview	0.21 %	0.52 %	1
450 Farmersville	0.24 %	0.36 %	3	546 Granger	0.28 %	0.64 %	1
451 Farwell	0.17 %	0.22 %	3	547 Granite Shoals	0.25 %	0.30 %	3
452 Fate	0.16 %	0.17 %	3	548 Grapeland	0.13 %	0.60 %	1
454 Fayetteville	0.35 %	0.90 %	1	550 Grapevine	0.21 %	0.33 %	1
456 Ferris	0.20 %	0.38 %	3	552 Greenville	0.23 %	0.42 %	3
458 Flatonia	0.25 %	0.49 %	3	551 Gregory	0.31 %	0.44 %	3
460 Florence	0.23 %	0.28 %	3	553 Grey Forest	0.26 %	0.38 %	3
20462 Floresville	0.19 %	0.34 %	1	556 Groesbeck	0.23 %	0.41 %	3
463 Flower Mound	0.18 %	0.23 %	3	558 Groom	0.25 %	0.52 %	1
464 Floydada	0.23 %	0.44 %	3	559 Groves	0.22 %	0.42 %	1
465 Follett	0.29 %	0.37 %	3	560 Groveton	0.27 %	0.93 %	3
468 Forest Hill	0.18 %	0.27 %	3	562 Gruver	0.44 %	0.57 %	1
470 Forney	0.18 %	0.20 %	3	563 Gun Barrel City	0.24 %	0.32 %	3
472 Fort Stockton	0.23 %	0.51 %	3	564 Gunter	0.19 %	0.25 %	3
476 Franklin	0.19 %	0.39 %	1	568 Hale Center	0.23 %	0.28 %	3
478 Frankston	0.23 %	0.37 %	3	570 Hallettsville	0.25 %	0.61 %	3
480 Fredericksburg	0.22 %	0.36 %	3	572 Hallsville	0.41 %	0.48 %	3
482 Freeport	0.17 %	0.31 %	3	574 Haltom City	0.20 %	0.35 %	3
481 Freer	0.35 %	0.66 %	3	576 Hamilton	0.26 %	0.58 %	3
483 Friendswood	0.21 %	0.31 %	3	578 Hamlin	0.19 %	0.71 %	3

\*Codes indicating provision adopted as of April 1, 2023: 1 = None, 2 = Actives only, 3 = Actives and Retirees

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
580 Happy	0.25 %	0.42 %	3	645 Iraan	0.56 %	0.60 %	3
581 Harker Heights	0.16 %	0.25 %	3	648 Irving	0.20 %	0.33 %	3
10582 Harlingen	0.22 %	0.43 %	3	650 Italy	0.27 %	0.46 %	3
20582 Harlingen Waterworks Sys	0.18 %	0.60 %	3	652 Itasca	0.29 %	0.45 %	3
583 Hart	0.16 %	0.33 %	1	654 Jacinto City	0.55 %	0.69 %	3
586 Haskell	0.24 %	0.44 %	3	656 Jacksboro	0.23 %	0.49 %	3
587 Haslet	0.21 %	0.27 %	3	658 Jacksonville	0.19 %	0.42 %	3
588 Hawkins	0.22 %	0.40 %	3	660 Jasper	0.25 %	0.49 %	3
590 Hearne	0.22 %	0.45 %	3	664 Jefferson	0.24 %	0.51 %	3
591 Heath	0.18 %	0.24 %	3	665 Jersey Village	0.16 %	0.31 %	3
592 Hedley	0.20 %	0.20 %	3	666 Jewett	0.24 %	0.34 %	3
595 Hedwig Village	0.25 %	0.37 %	3	668 Joaquin	0.20 %	1.10 %	3
593 Helotes	0.16 %	0.24 %	3	670 Johnson City	0.16 %	0.24 %	3
594 Hemphill	0.25 %	0.61 %	3	673 Jones Creek	0.29 %	0.62 %	3
596 Hempstead	0.32 %	0.41 %	3	675 Jonestown	0.27 %	0.40 %	3
598 Henderson	0.16 %	0.31 %	3	677 Josephine	0.18 %	0.19 %	3
600 Henrietta	0.33 %	0.55 %	3	671 Joshua	0.18 %	0.21 %	3
602 Hereford	0.21 %	0.41 %	3	672 Jourdanton	0.20 %	0.61 %	3
605 Hewitt	0.18 %	0.23 %	3	674 Junction	0.29 %	0.42 %	3
609 Hickory Creek	0.15 %	0.19 %	3	676 Justin	0.16 %	0.19 %	1
606 Hico	0.19 %	0.64 %	3	678 Karnes City	0.25 %	0.34 %	3
607 Hidalgo	0.23 %	0.31 %	1	680 Katy	0.17 %	0.23 %	3
608 Higgins	0.79 %	1.06 %	3	682 Kaufman	0.19 %	0.34 %	3
610 Highland Park	0.20 %	0.30 %	1	683 Keene	0.21 %	0.39 %	3
611 Highland Village	0.20 %	0.27 %	3	681 Keller	0.17 %	0.25 %	3
613 Hill Country Village	0.24 %	0.25 %	3	685 Kemah	0.17 %	0.31 %	3
612 Hillsboro	0.30 %	0.45 %	1	684 Kemp	0.21 %	0.46 %	3
619 Hilshire Village	0.30 %	0.38 %	3	689 Kempner	0.07 %	0.07 %	3
614 Hitchcock	0.28 %	0.36 %	3	686 Kenedy	0.21 %	0.26 %	3
615 Holland	0.29 %	0.63 %	3	688 Kennedale	0.18 %	0.31 %	3
616 Holliday	0.19 %	0.23 %	1	690 Kerens	0.26 %	0.30 %	3
617 Hollywood Park	0.24 %	0.37 %	3	692 Kermit	0.24 %	0.45 %	3
618 Hondo	0.18 %	0.34 %	3	10694 Kerrville	0.19 %	0.36 %	3
620 Honey Grove	0.19 %	0.37 %	3	20694 Kerrville PUB	0.19 %	0.35 %	3
622 Hooks	0.20 %	0.31 %	3	10696 Kilgore	0.20 %	0.41 %	3
623 Horizon City	0.15 %	0.16 %	3	698 Killeen	0.19 %	0.33 %	3
621 Horseshoe Bay	0.24 %	0.24 %	3	700 Kingsville	0.24 %	0.41 %	1
626 Howe	0.21 %	0.50 %	3	701 Kirby	0.16 %	0.28 %	3
627 Hubbard	0.14 %	0.26 %	3	702 Kirbyville	0.32 %	0.72 %	3
628 Hudson	0.37 %	0.42 %	3	704 Knox City	0.36 %	0.73 %	3
629 Hudson Oaks	0.17 %	0.23 %	3	706 Kosse	0.19 %	0.23 %	3
630 Hughes Springs	0.42 %	0.48 %	3	708 Kountze	0.18 %	0.35 %	3
632 Humble	0.19 %	0.29 %	3	699 Krugerville	0.19 %	0.21 %	3
633 Hunters Creek Village	0.26 %	0.72 %	3	707 Krum	0.19 %	0.22 %	3
634 Huntington	0.29 %	0.46 %	3	710 Kyle	0.17 %	0.20 %	3
636 Huntsville	0.23 %	0.40 %	3	725 La Coste	0.21 %	0.25 %	1
637 Hurst	0.20 %	0.35 %	1	714 La Feria	0.22 %	0.41 %	3
638 Hutchins	0.19 %	0.23 %	3	716 La Grange	0.35 %	0.55 %	3
640 Hutto	0.22 %	0.26 %	3	723 La Grulla	0.19 %	0.41 %	3
641 Huxley	0.19 %	0.48 %	3	732 La Joya	0.28 %	0.43 %	3
642 Idalou	0.15 %	0.15 %	3	721 La Marque	0.21 %	0.34 %	3
643 Ingleside	0.34 %	0.46 %	3	728 La Porte	0.20 %	0.31 %	3
646 Ingram	0.31 %	0.75 %	1	731 La Vernia	0.15 %	0.25 %	3
647 Iowa Colony	0.14 %	0.18 %	3	711 Lacy-Lakeview	0.20 %	0.35 %	3
644 Iowa Park	0.19 %	0.37 %	3	712 Ladonia	0.09 %	0.57 %	3

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**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
713 Lago Vista	0.28 %	0.41 %	3	791 Magnolia	0.20 %	0.33 %	3
705 Laguna Vista	0.22 %	0.23 %	3	792 Malakoff	0.26 %	0.36 %	3
717 Lake Dallas	0.17 %	0.36 %	3	796 Manor	0.17 %	0.18 %	3
718 Lake Jackson	0.23 %	0.39 %	3	798 Mansfield	0.16 %	0.23 %	3
719 Lake Worth	0.17 %	0.25 %	3	799 Manvel	0.16 %	0.19 %	3
727 Lakeport	0.42 %	0.52 %	3	800 Marble Falls	0.17 %	0.31 %	3
715 Lakeside	0.28 %	0.46 %	3	802 Marfa	0.34 %	0.63 %	3
729 Lakeside City	0.27 %	0.62 %	3	804 Marion	0.14 %	0.67 %	3
720 Lakeway	0.24 %	0.34 %	3	806 Marlin	0.19 %	0.60 %	3
722 Lamesa	0.35 %	0.63 %	1	808 Marquez	0.41 %	0.50 %	3
724 Lampasas	0.22 %	0.38 %	3	810 Marshall	0.23 %	0.56 %	3
726 Lancaster	0.18 %	0.28 %	3	812 Mart	0.17 %	0.69 %	3
730 Laredo	0.21 %	0.35 %	3	813 Martindale	0.23 %	0.28 %	3
733 Lavon	0.27 %	0.29 %	3	814 Mason	0.24 %	0.63 %	3
736 League City	0.22 %	0.31 %	3	816 Matador	0.06 %	0.43 %	3
737 Leander	0.18 %	0.21 %	3	818 Mathis	0.19 %	0.46 %	3
735 Lefors	0.11 %	0.11 %	3	820 Maud	0.29 %	0.34 %	3
739 Leon Valley	0.22 %	0.43 %	3	822 Maypearl	0.13 %	0.26 %	3
738 Leonard	0.20 %	0.40 %	3	824 McAllen	0.19 %	0.31 %	1
740 Levelland	0.18 %	0.32 %	3	826 McCamey	0.19 %	0.20 %	3
742 Lewisville	0.16 %	0.25 %	1	828 McGregor	0.36 %	0.57 %	3
744 Lexington	0.16 %	0.33 %	1	830 McKinney	0.17 %	0.21 %	3
746 Liberty	0.22 %	0.31 %	1	832 McLean	0.39 %	0.48 %	3
745 Liberty Hill	0.19 %	0.21 %	3	833 McLendon-Chisholm	0.31 %	0.36 %	3
748 Lindale	0.22 %	0.31 %	1	834 Meadow	0.25 %	0.32 %	3
750 Linden	0.26 %	0.44 %	3	831 Meadowlakes	0.55 %	0.58 %	3
749 Lindsay	0.33 %	0.33 %	3	835 Meadows Place	0.22 %	0.33 %	3
755 Lipan	0.26 %	0.32 %	3	837 Melissa	0.16 %	0.19 %	3
751 Little Elm	0.15 %	0.18 %	3	1501 Memorial Villages PD	0.18 %	0.35 %	3
752 Littlefield	0.26 %	0.55 %	3	840 Memphis	0.29 %	0.44 %	3
753 Live Oak	0.22 %	0.33 %	3	842 Menard	0.29 %	0.45 %	1
757 Liverpool	0.39 %	0.39 %	3	844 Mercedes	0.14 %	0.29 %	3
754 Livingston	0.27 %	0.43 %	3	846 Meridian	0.23 %	0.24 %	3
756 Llano	0.30 %	0.83 %	3	848 Merkel	0.19 %	0.29 %	3
758 Lockhart	0.23 %	0.41 %	3	852 Mertzson	0.24 %	0.36 %	3
760 Lockney	0.46 %	0.46 %	3	854 Mesquite	0.20 %	0.35 %	1
761 Log Cabin	0.15 %	0.15 %	3	856 Mexia	0.20 %	0.45 %	3
764 Lone Oak	0.18 %	0.18 %	3	858 Miami	0.20 %	0.27 %	3
765 Lone Star	0.13 %	0.51 %	3	860 Midland	0.19 %	0.38 %	3
766 Longview	0.26 %	0.50 %	3	862 Midlothian	0.18 %	0.25 %	3
768 Loraine	0.14 %	0.16 %	3	863 Milano	1.07 %	1.07 %	3
769 Lorena	0.29 %	0.38 %	3	864 Miles	0.41 %	0.41 %	3
770 Lorenzo	0.15 %	0.21 %	1	865 Milford	0.07 %	0.58 %	3
771 Los Fresnos	0.24 %	0.37 %	3	868 Mineola	0.18 %	0.37 %	3
772 Los Indios	0.12 %	0.12 %	3	870 Mineral Wells	0.20 %	0.42 %	3
773 Lott	0.40 %	0.66 %	3	874 Mission	0.20 %	0.27 %	3
774 Lovelady	0.16 %	0.35 %	3	875 Missouri City	0.17 %	0.26 %	3
778 Lubbock	0.21 %	0.42 %	1	876 Monahans	0.19 %	0.32 %	3
779 Lucas	0.19 %	0.21 %	3	887 Mont Belvieu	0.20 %	0.23 %	3
782 Lufkin	0.23 %	0.45 %	3	877 Montgomery	0.15 %	0.23 %	3
784 Luling	0.35 %	0.58 %	3	878 Moody	0.22 %	0.40 %	3
785 Lumberton	0.28 %	0.50 %	3	883 Morgan's Point	0.21 %	0.36 %	2
786 Lyford	0.21 %	0.40 %	1	882 Morgan's Point Resort	0.16 %	0.37 %	3
787 Lytle	0.32 %	0.37 %	3	884 Morton	0.21 %	0.26 %	3
790 Madisonville	0.26 %	0.46 %	3	886 Moulton	0.29 %	0.50 %	3

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**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
890 Mount Enterprise	0.18 %	0.20 %	3	969 Palmhurst	0.13 %	0.18 %	3
892 Mt. Pleasant	0.23 %	0.32 %	3	971 Palmview	0.14 %	0.15 %	3
894 Mt. Vernon	0.38 %	0.49 %	3	972 Pampa	0.19 %	0.44 %	3
896 Muenster	0.29 %	0.60 %	1	974 Panhandle	0.31 %	0.47 %	1
898 Muleshoe	0.28 %	0.64 %	3	973 Panorama Village	0.31 %	0.52 %	3
901 Munday	0.32 %	0.58 %	3	975 Pantego	0.24 %	0.37 %	3
903 Murphy	0.20 %	0.27 %	3	976 Paris	0.21 %	0.41 %	3
899 Mustang Ridge	0.26 %	0.26 %	3	977 Parker	0.17 %	0.28 %	3
10904 Nacogdoches	0.19 %	0.37 %	3	978 Pasadena	0.23 %	0.44 %	3
906 Naples	0.35 %	0.75 %	3	983 Pearland	0.14 %	0.19 %	3
907 Nash	0.21 %	0.37 %	3	984 Pearsall	0.20 %	0.33 %	3
905 Nassau Bay	0.28 %	0.39 %	3	988 Pecos City	0.26 %	0.39 %	3
909 Natalia	0.25 %	0.39 %	3	989 Pelican Bay	0.24 %	0.24 %	3
908 Navasota	0.18 %	0.33 %	3	991 Penitas	0.16 %	0.17 %	3
910 Nederland	0.21 %	0.38 %	1	994 Perryton	0.25 %	0.49 %	3
912 Needville	0.38 %	0.68 %	3	1000 Pflugerville	0.18 %	0.23 %	3
914 New Boston	0.31 %	0.52 %	3	1002 Pharr	0.15 %	0.24 %	3
10916 New Braunfels	0.17 %	0.25 %	3	1004 Pilot Point	0.26 %	0.33 %	3
20916 New Braunfels Utilities	0.18 %	0.25 %	3	1005 Pinehurst	0.23 %	0.60 %	3
915 New Deal	0.18 %	0.28 %	1	1003 Pineland	0.14 %	0.55 %	3
923 New Fairview	0.19 %	0.32 %	3	1001 Piney Point Village	0.17 %	0.36 %	3
918 New London	0.36 %	0.59 %	1	1006 Pittsburg	0.17 %	0.43 %	3
919 New Summerfield	0.32 %	0.34 %	1	1007 Plains	0.20 %	0.33 %	3
917 New Waverly	0.52 %	0.68 %	3	1008 Plainview	0.22 %	0.44 %	1
913 Newark	0.07 %	0.09 %	3	1010 Plano	0.20 %	0.31 %	1
920 Newton	0.28 %	0.44 %	3	1012 Pleasanton	0.17 %	0.25 %	3
922 Nixon	0.18 %	0.32 %	3	1013 Point	0.12 %	0.22 %	1
924 Nocona	0.35 %	0.61 %	3	1017 Ponder	0.51 %	0.57 %	3
925 Nolanville	0.16 %	0.19 %	3	1014 Port Aransas	0.24 %	0.36 %	3
928 Normangee	0.46 %	0.64 %	3	11016 Port Arthur	0.26 %	0.45 %	3
931 North Richland Hills	0.18 %	0.29 %	1	1018 Port Isabel	0.18 %	0.38 %	3
930 Northlake	0.16 %	0.18 %	3	1020 Port Lavaca	0.21 %	0.40 %	3
935 O'Donnell	0.18 %	0.42 %	3	1022 Port Neches	0.20 %	0.34 %	1
936 Oak Point	0.16 %	0.19 %	3	1019 Portland	0.22 %	0.31 %	3
937 Oak Ridge North	0.19 %	0.28 %	3	1024 Post	0.29 %	0.75 %	3
942 Odem	0.28 %	0.60 %	3	1026 Poteet	0.25 %	0.36 %	3
944 Odessa	0.22 %	0.40 %	3	1028 Poth	0.41 %	0.86 %	3
945 Oglesby	0.07 %	1.97 %	3	1030 Pottsboro	0.18 %	0.37 %	3
949 Old River-Winfree	0.33 %	0.33 %	1	1031 Prairie View	0.24 %	0.25 %	3
950 Olmos Park	0.17 %	0.32 %	1	1032 Premont	0.28 %	0.55 %	3
951 Olney	0.16 %	0.29 %	3	1029 Presidio	0.21 %	0.29 %	3
953 Omaha	0.31 %	0.38 %	3	1033 Primera	0.19 %	0.24 %	3
954 Onalaska	0.14 %	0.19 %	3	1034 Princeton	0.18 %	0.21 %	3
958 Orange	0.21 %	0.38 %	1	1036 Prosper	0.18 %	0.19 %	1
960 Orange Grove	0.24 %	0.35 %	3	1037 Providence Village	0.19 %	0.22 %	3
957 Orchard	0.27 %	0.27 %	3	1042 Quanah	0.24 %	0.60 %	3
959 Ore City	0.25 %	0.35 %	3	1045 Queen City	0.35 %	0.38 %	3
962 Overton	0.34 %	0.49 %	3	1044 Quinlan	0.16 %	0.17 %	3
961 Ovilla	0.21 %	0.30 %	3	1047 Quintana	0.32 %	0.32 %	3
963 Oyster Creek	0.19 %	0.37 %	3	1046 Quitaque	0.33 %	0.45 %	3
964 Paducah	0.26 %	0.59 %	3	1048 Quitman	0.31 %	0.43 %	3
966 Palacios	0.15 %	0.39 %	3	1050 Ralls	0.53 %	1.05 %	3
968 Palestine	0.17 %	0.42 %	3	1051 Rancho Viejo	0.15 %	0.18 %	3
967 Palm Valley	0.79 %	0.79 %	3	1052 Ranger	0.21 %	0.30 %	1
970 Palmer	0.14 %	0.18 %	3	1054 Rankin	0.11 %	0.23 %	3

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**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
1055 Ransom Canyon	0.13 %	0.20 %	3	1140 San Benito	0.22 %	0.50 %	3
1058 Raymondville	0.19 %	0.44 %	3	1144 San Felipe	0.27 %	0.36 %	3
1061 Red Oak	0.16 %	0.20 %	3	1148 San Juan	0.19 %	0.33 %	3
1062 Redwater	0.14 %	0.19 %	3	1150 San Marcos	0.18 %	0.26 %	3
1064 Refugio	0.26 %	0.39 %	1	1152 San Saba	0.32 %	0.50 %	3
1065 Reklaw	0.21 %	0.79 %	3	1145 Sandy Oaks	0.16 %	0.16 %	3
1066 Reno (Lamar County)	0.20 %	0.21 %	3	1146 Sanger	0.20 %	0.26 %	3
1069 Reno (Parker County)	0.21 %	0.24 %	3	1153 Sansom Park	0.20 %	0.26 %	3
1067 Rhome	0.16 %	0.25 %	3	1155 Santa Fe	0.19 %	0.35 %	1
1068 Rice	0.19 %	0.30 %	3	1158 Savoy	0.20 %	0.48 %	3
1070 Richardson	0.20 %	0.37 %	1	1159 Schertz	0.16 %	0.22 %	3
1073 Richland Hills	0.20 %	0.45 %	3	1160 Schulenburg	0.27 %	0.41 %	3
1074 Richland Springs	0.21 %	0.68 %	3	1161 Seabrook	0.19 %	0.29 %	3
1076 Richmond	0.23 %	0.31 %	3	1162 Seadrift	0.28 %	0.35 %	3
1077 Richwood	0.21 %	0.36 %	3	1164 Seagoville	0.19 %	0.29 %	3
1072 Riesel	0.21 %	0.34 %	3	1166 Seagraves	0.37 %	0.63 %	3
1075 Rio Grande City	0.18 %	0.24 %	3	1167 Sealy	0.15 %	0.24 %	3
1078 Rio Hondo	0.32 %	0.32 %	1	1168 Seguin	0.22 %	0.37 %	3
1079 Rio Vista	0.19 %	0.25 %	3	1169 Selma	0.19 %	0.23 %	3
1080 Rising Star	0.42 %	0.91 %	3	1170 Seminole	0.27 %	0.45 %	3
1082 River Oaks	0.22 %	0.52 %	3	1171 Seven Points	0.29 %	0.43 %	3
1084 Roanoke	0.17 %	0.20 %	1	1172 Seymour	0.37 %	0.85 %	3
1088 Robert Lee	0.04 %	0.52 %	3	1165 Shady Shores	0.14 %	0.14 %	3
1089 Robinson	0.24 %	0.35 %	3	1177 Shallowater	0.16 %	0.23 %	3
21090 Robstown	0.16 %	0.36 %	3	1174 Shamrock	0.30 %	0.96 %	3
11090 Robstown Utility Systems	0.26 %	0.56 %	3	1173 Shavano Park	0.18 %	0.28 %	3
1092 Roby	0.19 %	0.59 %	3	1175 Shenandoah	0.21 %	0.27 %	3
1096 Rockdale	0.36 %	0.58 %	3	1181 Shepherd	0.26 %	0.42 %	3
1098 Rockport	0.22 %	0.37 %	3	1176 Sherman	0.18 %	0.33 %	3
1100 Rocksprings	0.21 %	0.24 %	1	1178 Shiner	0.27 %	0.53 %	3
1102 Rockwall	0.19 %	0.24 %	3	1179 Shoreacres	0.34 %	0.53 %	3
1104 Rogers	0.43 %	0.92 %	1	1180 Silsbee	0.23 %	0.48 %	1
1105 Rollingwood	0.35 %	0.48 %	3	1182 Silverton	0.23 %	0.73 %	3
1106 Roma	0.23 %	0.52 %	3	1183 Simonton	0.09 %	0.09 %	3
1109 Roscoe	0.26 %	0.42 %	3	1184 Sinton	0.17 %	0.36 %	3
1112 Rosebud	0.32 %	0.69 %	3	1185 Skellytown	0.33 %	0.42 %	3
1114 Rosenberg	0.15 %	0.23 %	3	1186 Slaton	0.23 %	0.61 %	3
1116 Rotan	0.38 %	0.38 %	3	1188 Smithville	0.31 %	0.50 %	3
1118 Round Rock	0.18 %	0.24 %	3	1189 Smyer	0.29 %	0.29 %	3
1119 Rowlett	0.19 %	0.26 %	1	1193 Snook	0.22 %	0.22 %	3
1120 Royse City	0.17 %	0.23 %	3	1190 Snyder	0.27 %	0.51 %	3
1122 Rule	0.13 %	0.26 %	3	1191 Somerset	2.73 %	3.13 %	3
1123 Runaway Bay	0.16 %	0.30 %	3	1192 Somerville	0.24 %	0.54 %	3
1124 Runge	0.60 %	1.28 %	3	1194 Sonora	0.18 %	0.54 %	3
1126 Rusk	0.23 %	0.38 %	3	1196 Sour Lake	0.34 %	0.44 %	3
1128 Sabinal	0.25 %	0.64 %	3	1198 South Houston	0.26 %	0.52 %	3
1129 Sachse	0.18 %	0.25 %	3	1199 South Padre Island	0.18 %	0.30 %	3
1131 Saginaw	0.19 %	0.28 %	3	1197 Southlake	0.17 %	0.23 %	3
1135 Saint Hedwig	0.36 %	0.36 %	3	1200 Southmayd	0.13 %	0.20 %	3
1130 Saint Jo	0.24 %	0.90 %	3	1202 Southside Place	0.26 %	0.55 %	3
1133 Salado	0.28 %	0.41 %	3	1204 Spearman	0.32 %	0.59 %	3
1132 San Angelo	0.21 %	0.47 %	1	1201 Splendora	0.21 %	0.23 %	3
21136 San Antonio	0.22 %	0.41 %	1	1205 Spring Valley Village	0.17 %	0.28 %	3
11136 San Antonio Water System	0.23 %	0.41 %	1	1203 Springtown	0.16 %	0.30 %	3
1138 San Augustine	0.25 %	0.59 %	3	1206 Spur	0.26 %	0.68 %	3

\*Codes indicating provision adopted as of April 1, 2023: 1 = None, 2 = Actives only, 3 = Actives and Retirees

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREEES</u>	<u>CODE*</u>
1207 Stafford	0.22 %	0.37 %	3	1292 Trenton	0.12 %	0.47 %	3
1208 Stamford	0.34 %	0.70 %	3	1293 Trinidad	0.40 %	0.69 %	3
1210 Stanton	0.24 %	0.30 %	3	1294 Trinity	0.51 %	0.69 %	3
1211 Star Harbor	0.41 %	1.54 %	3	1295 Trophy Club	0.23 %	0.31 %	3
1212 Stephenville	0.18 %	0.34 %	3	1296 Troup	0.24 %	0.50 %	3
1213 Sterling City	0.28 %	0.42 %	1	1297 Troy	0.51 %	0.72 %	3
1214 Stinnett	0.20 %	0.39 %	3	1298 Tulia	0.18 %	0.41 %	3
1216 Stockdale	0.60 %	0.70 %	3	1299 Turkey	0.32 %	0.89 %	3
1218 Stratford	0.35 %	0.51 %	3	1300 Tuscola	0.09 %	0.13 %	3
1220 Strawn	0.48 %	0.48 %	3	1301 Tye	0.17 %	0.35 %	3
1224 Sudan	0.24 %	0.38 %	1	1304 Tyler	0.23 %	0.45 %	3
1225 Sugar Land	0.18 %	0.24 %	3	1307 Umland	0.17 %	0.17 %	3
1223 Sullivan City	0.10 %	0.10 %	3	1305 Universal City	0.17 %	0.25 %	3
1226 Sulphur Springs	0.23 %	0.43 %	3	1306 University Park	0.24 %	0.37 %	1
1228 Sundown	0.26 %	0.62 %	3	1308 Uvalde	0.19 %	0.35 %	3
1229 Sunnyvale	0.19 %	0.25 %	3	1312 Valley Mills	0.14 %	0.16 %	3
1230 Sunray	0.22 %	0.41 %	3	1313 Valley View	0.12 %	0.14 %	3
1227 Sunrise Beach Village	0.15 %	0.31 %	3	1314 Van	0.25 %	0.50 %	3
1231 Sunset Valley	0.14 %	0.20 %	3	1316 Van Alstyne	0.20 %	0.29 %	3
1233 Surfside Beach	0.22 %	0.31 %	3	1318 Van Horn	0.27 %	0.45 %	3
1232 Sweeny	0.16 %	0.48 %	3	1320 Vega	0.23 %	0.36 %	3
1234 Sweetwater	0.22 %	0.42 %	3	1324 Venus	0.13 %	0.21 %	1
1264 TMRS	0.25 %	0.32 %	3	1326 Vernon	0.23 %	0.56 %	3
1236 Taft	0.31 %	0.60 %	3	1328 Victoria	0.16 %	0.42 %	3
1238 Tahoka	0.24 %	0.49 %	3	1329 Vidor	0.24 %	0.50 %	3
1240 Talty	0.77 %	0.84 %	3	1500 Village Fire Department	0.18 %	0.25 %	3
1241 Tatum	0.23 %	0.44 %	3	1327 Village of the Hills	0.12 %	0.12 %	3
1246 Taylor	0.22 %	0.33 %	3	1325 Von Ormy	0.10 %	0.10 %	3
1248 Teague	0.13 %	0.37 %	3	1330 Waco	0.20 %	0.39 %	1
1252 Temple	0.19 %	0.34 %	3	1332 Waelder	0.23 %	0.30 %	3
1254 Tenaha	0.11 %	0.95 %	3	1334 Wake Village	0.26 %	0.75 %	3
1256 Terrell	0.21 %	0.37 %	3	1336 Waller	0.36 %	0.54 %	3
1258 Terrell Hills	0.17 %	0.31 %	3	1337 Wallis	0.53 %	0.65 %	3
31263 Tex Municipal League IEBP	0.25 %	0.29 %	3	1338 Walnut Springs	0.18 %	0.30 %	3
21263 Tex Municipal League IRP	0.27 %	0.33 %	3	1340 Waskom	0.19 %	0.39 %	3
21260 Texarkana	0.25 %	0.63 %	1	1341 Watauga	0.19 %	0.31 %	3
11260 Texarkana Police Dept	0.13 %	0.25 %	1	1342 Waxahachie	0.21 %	0.30 %	3
31260 Texarkana Water Utilities	0.25 %	0.48 %	1	1344 Weatherford	0.16 %	0.30 %	3
1262 Texas City	0.23 %	0.43 %	1	1345 Webster	0.19 %	0.31 %	3
11263 Texas Municipal League	0.22 %	0.31 %	3	1346 Weimar	0.19 %	0.50 %	3
1267 The Colony	0.17 %	0.24 %	3	1350 Wellington	0.40 %	0.93 %	3
1269 Thompsons	0.57 %	0.61 %	3	1352 Wells	0.35 %	0.39 %	1
1268 Thorndale	0.27 %	0.48 %	3	1354 Weslaco	0.18 %	0.37 %	3
1272 Thrall	0.79 %	0.80 %	3	1356 West	0.19 %	0.41 %	3
1274 Three Rivers	0.97 %	1.18 %	3	1358 West Columbia	0.24 %	0.32 %	1
1276 Throckmorton	0.15 %	0.61 %	3	1359 West Lake Hills	0.23 %	0.48 %	3
1277 Tiki Island	0.46 %	0.51 %	3	1361 West Orange	0.29 %	0.53 %	1
1278 Timpson	0.20 %	0.54 %	3	1365 West Tawakoni	0.24 %	0.47 %	3
1280 Tioga	0.33 %	0.33 %	3	1364 West University Place	0.22 %	0.39 %	3
1285 Todd Mission	0.11 %	0.11 %	3	1363 Westlake	0.19 %	0.23 %	3
1283 Tolar	0.17 %	0.33 %	3	1362 Westover Hills	0.28 %	0.57 %	3
1286 Tom Bean	0.17 %	0.24 %	3	1366 Westworth Village	0.22 %	0.35 %	3
1284 Tomball	0.15 %	0.27 %	3	1368 Wharton	0.19 %	0.35 %	3
1287 Tool	0.25 %	0.25 %	3	1370 Wheeler	0.15 %	0.39 %	3
1290 Trent	0.64 %	0.64 %	3	1372 White Deer	0.57 %	1.33 %	3

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**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2024**  
**SUPPLEMENTAL DEATH BENEFITS**

<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREES</u>	<u>CODE*</u>	<u>CITY</u> <u>NO. CITY NAME</u>	<u>ACTIVES</u> <u>ONLY</u>	<u>ACTIVES &amp;</u> <u>RETIREES</u>	<u>CODE*</u>
1377 White Oak	0.24 %	0.47 %	3				
1378 White Settlement	0.16 %	0.31 %	3				
1374 Whiteface	0.38 %	1.70 %	3				
1375 Whitehouse	0.19 %	0.26 %	3				
1376 Whitesboro	0.24 %	0.32 %	3				
1380 Whitewright	0.11 %	0.33 %	3				
1382 Whitney	0.39 %	0.45 %	3				
1384 Wichita Falls	0.23 %	0.48 %	1				
1386 Willis	0.29 %	0.46 %	3				
1387 Willow Park	0.20 %	0.24 %	3				
1388 Wills Point	0.14 %	0.50 %	3				
1390 Wilmer	0.12 %	0.16 %	3				
1392 Wimberley	0.14 %	0.21 %	3				
1393 Windcrest	0.19 %	0.33 %	3				
1395 Winfield	0.61 %	0.61 %	3				
1396 Wink	0.45 %	0.55 %	3				
1398 Winnsboro	0.18 %	0.38 %	3				
1399 Winona	0.36 %	0.65 %	3				
1400 Winters	0.16 %	1.00 %	3				
1403 Wolfforth	0.17 %	0.25 %	3				
1409 Woodcreek	0.25 %	0.50 %	3				
1404 Woodsboro	0.17 %	0.21 %	3				
1406 Woodville	0.28 %	0.50 %	3				
1407 Woodway	0.19 %	0.28 %	3				
1408 Wortham	0.12 %	0.17 %	3				
1410 Wylie	0.15 %	0.19 %	3				
1412 Yoakum	0.26 %	0.52 %	3				
1414 Yorktown	0.27 %	0.94 %	3				
1415 Zavalla	0.22 %	0.25 %	1				

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## **SECTION 6**

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### **SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS**

## Section 6

### Texas Municipal Retirement System (“TMRS”) Summary of Actuarial Assumptions

These actuarial assumptions were developed primarily from the actuarial investigation of the experience of TMRS over the four year period from December 31, 2014 to December 31, 2018. They were adopted in 2019 and first used in the December 31, 2019 actuarial valuation. The post-retirement mortality assumption for Annuity Purchase Rates (APRs) is based on the Mortality Experience Investigation Study covering 2009 through 2011 and dated December 31, 2013. These assumptions apply to both the Pension Trust and the Supplemental Death Benefits Fund as applicable.

#### ***I. Economic Assumptions***

- A. General Inflation – General Inflation is assumed to be 2.50% per year.
  
- B. Discount/Crediting Rates
  - 1. System-wide Investment Return Assumption: 6.75% per year, compounded annually, composed of an assumed 2.50% inflation rate and a 4.25% net real rate of return. This rate represents the assumed return, net of all investment and administrative expenses. This is the discount rate used to value the liabilities of the individual employers.
  - 2. For the Supplemental Death Benefits Fund, the rate is 4.25% per year, compounded annually, and derived as a blend of 5.00% for the portion of the benefits financed by advance funding contributions and a short-term interest rate for the portion of the benefits financed by current contributions.
  - 3. Assumed discount/crediting rate for Supplemental Disability Benefits Fund and individual employee accounts: an annual rate of 5.00% for (1) accumulating prior service credit and updated service credit after the valuation date, (2) accumulating the employee current service balances, (3) determining the amount of the monthly benefit at future dates of retirement or disability, and (4) calculating the actuarial liability of the system-wide Supplemental Disability Benefits Fund.
  
- C. Overall Payroll Growth – 2.75% per year, which is used to calculate the contribution rates for the retirement plan of each participating city as a level percentage of payroll. This represents the expected increase in total payroll. This increase rate is solely due to the effect of wage inflation on salaries, with no allowance for future membership growth. However, for cities with a decrease in the number of contributing members from 2008 to 2018, the payroll growth is decreased by half the annual percentage decrease in the count capped at a 1.0% decrease per year and rounded down to the nearest 0.1%.

D. Individual Salary Increases –

Salary increases are assumed to occur once a year, on January 1. Therefore, the pay used for the period year following the valuation date is equal to the reported pay for the prior year, increased by the salary increase assumption. Salaries are assumed to increase by the following graduated service-based scale.

<u>Years of Service</u>	<u>Rate (%)</u>
1	11.50%
2	7.25%
3	6.75%
4	6.25%
5	6.00%
6	5.75%
7	5.50%
8	5.25%
9	5.00%
10	4.75%
11-12	4.50%
13-15	4.25%
16-20	4.00%
21-24	3.75%
25 +	3.50%

- E. Annuity Increase – The Consumer Price Index (CPI) is assumed to be 2.50% per year prospectively. Annuity Increases, when applicable, are 30%, 50%, or 70% of CPI, according to the provisions adopted by each city. The actual future COLA assumptions are as follows: 0.87% per year for the 30% CPI provision, 1.38% per year for the 50% CPI provision, and 1.86% per year for the 70% CPI provision.
- F. Load for Updated Service Credit – To reflect the asymmetric nature of the credits due to the USC provision, there is a load on the final average earnings used in the calculation of 0.1% per year into the future that the calculation is performed.



## II. Demographic Assumptions

### A. Termination Rates

1. For the first 10 years of service, the base table rates vary by gender, entry age, and length of service. For each city the base table is then multiplied by 75% to 125%. A further multiplier is applied depending on an employee's classification: 1) Fire – 68%, 2) Police – 86%, or 3) Other – 108%. A sample of the base rates follows:

#### Males

Age	Service									
	0	1	2	3	4	5	6	7	8	9
20	0.3079	0.2766	0.2305	0.2037	0.1951	0.1764	0.1612	0.1311	0.1078	0.0860
25	0.2798	0.2393	0.1911	0.1638	0.1507	0.1336	0.1210	0.1060	0.0976	0.0798
30	0.2585	0.2163	0.1697	0.1395	0.1138	0.1052	0.0945	0.0817	0.0785	0.0655
35	0.2642	0.2183	0.1663	0.1334	0.1107	0.1048	0.0894	0.0758	0.0655	0.0598
40	0.2602	0.2172	0.1647	0.1279	0.1103	0.0994	0.0849	0.0749	0.0633	0.0608
45	0.2392	0.2040	0.1640	0.1287	0.1110	0.0976	0.0857	0.0750	0.0638	0.0607
50	0.2191	0.1825	0.1489	0.1211	0.1072	0.0935	0.0851	0.0755	0.0636	0.0609
55	0.2112	0.1759	0.1334	0.1132	0.0908	0.0911	0.0813	0.0719	0.0643	0.0591
60	0.2108	0.1626	0.1298	0.1118	0.0833	0.0915	0.0794	0.0721	0.0602	0.0579
65	0.2109	0.1542	0.1305	0.1121	0.0847	0.0914	0.0798	0.0738	0.0577	0.0581
70	0.2109	0.1557	0.1304	0.1121	0.0845	0.0914	0.0797	0.0735	0.0581	0.0581

#### Females

Age	Service									
	0	1	2	3	4	5	6	7	8	9
20	0.3080	0.2836	0.2258	0.2132	0.2030	0.2054	0.1561	0.1565	0.1590	0.1600
25	0.2828	0.2449	0.2101	0.1995	0.1739	0.1690	0.1392	0.1375	0.1206	0.1144
30	0.2617	0.2224	0.1981	0.1791	0.1369	0.1370	0.1297	0.1145	0.0989	0.0817
35	0.2464	0.2153	0.1834	0.1462	0.1294	0.1258	0.1130	0.1103	0.1016	0.0782
40	0.2281	0.2026	0.1641	0.1365	0.1316	0.1115	0.1040	0.0940	0.0847	0.0745
45	0.2227	0.1884	0.1450	0.1359	0.1072	0.1034	0.0909	0.0797	0.0717	0.0737
50	0.2238	0.1823	0.1369	0.1249	0.0901	0.0896	0.0837	0.0735	0.0686	0.0628
55	0.2236	0.1766	0.1372	0.1218	0.0848	0.0819	0.0725	0.0717	0.0696	0.0560
60	0.2236	0.1548	0.1372	0.1191	0.0811	0.0856	0.0656	0.0649	0.0436	0.0386
65	0.2236	0.1454	0.1372	0.1169	0.0813	0.0871	0.0678	0.0603	0.0281	0.0285
70	0.2236	0.1471	0.1372	0.1173	0.0813	0.0868	0.0675	0.0611	0.0308	0.0303

2. After 10 years of service, base termination rates vary by gender and by the number of years remaining until first retirement eligibility. For each city the base table is then multiplied by 75% to 125%. A further multiplier is applied depending on an employee's classification: 1) Fire – 54%, 2) Police – 83%, or 3) Other – 113%. A sample of the base rates follows:

Years from Retirement	Male	Female
1	1.82%	2.34%
2	2.43%	3.15%
3	2.87%	3.75%
4	3.24%	4.25%
5	3.55%	4.67%
6	3.83%	5.06%
7	4.08%	5.40%
8	4.32%	5.72%
9	4.53%	6.02%
10	4.74%	6.30%
11	4.93%	6.57%
12	5.11%	6.82%
13	5.28%	7.06%
14	5.45%	7.28%
15	5.60%	7.50%

Termination rates end at first eligibility for retirement

- B. Forfeiture Rates (Withdrawal of Member Deposits from TMRS) for vested members vary by age and employer match, and they are expressed as a percentage of the termination rates shown in (A). The withdrawal rates for cities with a 2-to-1 match are shown below. 4% is added to the rates for 1½-to-1 cities, and 8% is added for 1-to-1 cities.

Age	Percent of Terminating Employees Choosing to Take a Refund
25	40.2%
30	40.2%
35	40.2%
40	37.0%
45	31.6%
50	26.1%
55	20.7%

Forfeiture rates end at first eligibility for retirement.

C. Service Retirees and Beneficiary Mortality Rates

For calculating the actuarial liability and the retirement contribution rates, the Gender-distinct 2019 Municipal Retirees of Texas mortality tables. The rates are projected on a fully generational basis by Scale UMP to account for future mortality improvements. The life expectancies for a 65 year old retiree (including projection) are as follows:

Life Expectancy for an Age 65 Retiree (in Years)					
Gender	Year of Retirement				
	2020	2025	2030	2035	2040
Male	19.7	20.1	20.5	20.9	21.3
Female	23.2	23.6	24.0	24.3	24.7

D. Disabled Annuitant Mortality Rates

For calculating the actuarial liability and the retirement contribution rates, the mortality tables for healthy retirees is used with a 4 year set-forward for males and a 3 year set-forward for females. In addition, a 3.5% and 3% minimum mortality rate will be applied to reflect the impairment for younger members who become disabled for males and females, respectively. The rates are projected on a fully generational basis by Scale UMP to account for future mortality improvements subject to the floor.

E. Pre-Retirement Mortality

For calculating the actuarial liability and the retirement contribution rates, the PUB(10) mortality tables, with the Public Safety table used for males and the General Employee table used for females. The rates are projected on a fully generational basis by Scale UMP to account for future mortality improvements.

F. Annuity Purchase Rates

For determining the amount of the monthly benefit at the time of retirement for both healthy and disabled annuitants, the annuity purchase rates (APRs) until 2027 are based on a mortality study performed in 2013, with the factors phasing into being based on a unisex blend of the RP-2000 Combined Healthy Mortality Tables with Blue Collar Adjustment for males and females with both male and female rates multiplied by 107.5% and projected on a fully generational basis with scale BB. The current table of APRs is explicitly valued through 2032 and then it is assumed the APRs and the valuation mortality assumptions will be consistent over time. For members, a unisex blend of 70% of the males table and 30% of the female table is used, while 30% of the male table and 70% of the female table is used for beneficiaries.

G. Disability Rates

Age	Males & Females
20	0.000003
25	0.000019
30	0.000074
35	0.000194
40	0.000371
45	0.000603
50	0.000891
55	0.001235
60	0.001635
65	0.002090

H. Service Retirement Rates, applied to both Active and Inactive Members

The base table rates vary by age. For members under the age of 62, these rates are then multiplied by 2 factors based on 1) employee contribution rate and employer match and 2) if the city has a recurring COLA.

Age	
<50	0.05
50-51	0.07
52-54	0.08
55-59	0.13
60	0.16
61	0.17
62	0.25
63-64	0.20
65-74	0.30
75 and over	1.00

Note: For cities without a 20-year/any age retirement provision, the rates are loaded by 50% for ages 60 & below with 25 or more years of service.

Plan Design Factors Applied to Base Retirement Rates

Employer Match	Employee Contribution Rate		
	5%	6%	7%
1 - 1	0.75	0.80	0.84
1.5 - 1	0.81	0.86	0.92
2 - 1	0.86	0.93	1.00

Recurring COLA: 100%

No Recurring COLA: 95%

### **III. Methods and Assumptions**

- A. Valuation of Assets – The actuarial value of assets is based on the market value of assets with a ten-year phase-in of actual investment return in excess of (less than) expected investment income. Offsetting unrecognized gains and losses are immediately recognized, with the shortest remaining bases recognized first and the net remaining bases continue to be recognized on their original timeframe. The actuarial value of assets is further adjusted by 33% of any difference between the initial value and a 12% corridor around the market value of assets, if necessary.
- B. Actuarial Cost Method: The actuarial cost method being used is known as the Entry Age Normal Actuarial Cost Method. The Entry Age Normal Actuarial Cost Method develops the annual cost of the Plan in two parts: that attributable to benefits accruing in the current year, known as the normal cost, and that due to service earned prior to the current year, known as the amortization of the unfunded actuarial accrued liability. The normal cost and the actuarial accrued liability are calculated individually for each member. The normal cost rate for an employee is the contribution rate which, if applied to a member’s compensation throughout their period of anticipated covered service with the City, would be sufficient to meet all benefits payable on their behalf. The normal cost is calculated using an entry age based on benefit service with the current city. If a member has additional time-only vesting service through service with other TMRS cities or other public agencies, they retain this for determination of benefit eligibility and decrement rates. The salary-weighted average of these rates is the total normal cost rate. The unfunded actuarial accrued liability reflects the difference between the portion of projected benefits attributable to service credited prior to the valuation date and assets already accumulated. The unfunded actuarial accrued liability is paid off in accordance with a specified amortization procedure outlined in C below.
- C. Amortization Policy: For “underfunded” cities the amortization as of the valuation date is a level percentage of payroll over a closed period using the process of “laddering”. Bases that existed prior to this valuation continue to be amortized on their original schedule. Beginning December 31, 2020, new loss bases for cities with fifteen or more employees are amortized over individual periods of not more than 20 years. New gains (including lump sum contributions) are offset against and amortized over the same period as the current largest outstanding loss base for the specific City which in turn decreases contribution rate volatility.

Once a City reaches an “overfunded” status, all prior bases are erased and an amount of the surplus is credited against the contribution rate to keep the funded ratio constant year over year.

Ad hoc benefit enhancements are amortized over individual periods using a level dollar policy. The period will be based on the minimum of 12 years or the current life expectancy of the covered group. However, if the non-ad hoc (level percent) amortization factor is smaller due to a shorter amortization period based on the employer's size, as described below, ad hoc enhancements will be amortized the same as any other loss.

- D. Small City Methodology – For cities with fewer than twenty employees, more conservative methods and assumptions are used. First, lower termination rates are used for smaller cities, with maximum multipliers of 75% for employers with less than 6 members, 85% for employers with 6 to 10 members, 100% for employers with 11 to 15 members, and 115% for employers with less than 100 members.

There is also a load on the life expectancy for employers with less than 15 active members. The life expectancy will be loaded by decreasing the mortality rates by 1% for every active member less than 15. For example, an employer with 5 active members will have the baseline mortality tables multiplied by 90% (10 active members times 1%).

For underfunded plans, the maximum period for amortizing losses is decreased by 1 year for each active member less than the 15 member threshold. For example, an employer with 8 active members and a current maximum amortization period of 20 will use  $(20 - (15 - 8)) = 13$  year amortization period for a loss in that year's valuation. Under this policy, the lowest amortization period will be  $20 - (15 - 1) = 6$  years. Once the plan is overfunded, the amortization period will revert back to the standard policy.

- E. Supplemental Death Benefit Fund – The contribution rate for the Supplemental Death Benefit (SDB) is equal to the expected benefit payments during the upcoming year divided by the annualized pay of current active members and is calculated separately for actives and retirees. The SDB rate for retiree coverage is equal to the expected term cost.

Given that SDB claims were greater than historical norms, the TMRS Board adopted a margin for adverse experience applicable for the 2023 and 2024 SDB rates. A load equal to 2.0 and 1.1 is applied to the term cost for active coverage and retiree coverage, respectively. Additionally, the small credit previously applied to the SDB rate for active coverage was removed.

#### **IV. Other Assumptions**

1. Valuation payroll (used for determining the amortization contribution rate): A weighted average of the actual payroll during the prior fiscal years, with 33% weight given to the most recent year and 67% weight given to the expected payroll for the previous fiscal year, moved forward with one year's payroll growth rate and adjusted for changes in population.

2. Individual salaries used to project benefits: For members with more than three years of service, actual salaries from the past three fiscal years are used to determine the USC final average salary as of the valuation date. For future salaries, this three-year average is projected forward with two years of salary scale to create the salary for the year following the valuation. This value is then projected with normal salary scales.
3. Timing of benefit payments: Benefit payments are assumed to be made in the middle of the month. Although TMRS benefits are paid at the end of the month, eligibility for that payment is determined at the beginning of the month. A middle of month payment approximates the impact of the combination of eligibility determination and actual payment timing.
4. Percent married: 100% of the employees are assumed to be married.
5. Age difference: Male members are assumed to be three years older than their spouses, and female members are assumed to be three years younger than their spouses.
6. Optional Forms: All healthy and disabled members are assumed to choose a 50% Joint and Survivor option when they retire. For healthy members, this is approximated by reducing the benefit payment by a factor equal to 2.1% at age 60 (with adjustments by age). The 2.1% is effective for the 2019 calendar year and will reduce by 10% each year until the phase into the APR rates is complete, at which time there will be no need for such factor.
7. Percent electing annuity on death (when eligible): For vested members not eligible for retirement, 75% of the spouses of male members and 70% of the spouses of female members are assumed to commence an immediate benefit in lieu of a deferred annuity or a refund. Those not electing an immediate benefit are assumed to take a refund. All of the spouses of married participants who die after becoming eligible for a retirement benefit are assumed to elect an annuity that commences immediately.
8. Partial Lump Sum Utilization: It is assumed that each member at retirement will withdraw 40% of their eligible account balance.
9. Inactive Population: All non-vested members of a city are assumed to take an immediate refund if they are not contributing members in another city. Vested members not contributing in another city are assumed to take a deferred retirement benefit, except for those who have terminated in the past 12 months for whom one year of forfeiture probability is assumed. The forfeiture rates for inactive members of a city who are contributing members in another city are equal to the probability of termination multiplied by the forfeiture rates shown in II(A) and II(B) respectively. These rates are applied each year until retirement eligibility. Once a member is retirement eligible, they are assumed to commence benefits based on the service retirement rates shown in II(H).
10. There will be no recoveries once disabled.

11. No surviving spouse will remarry and there will be no children's benefit.
12. Decrement timing: Decrements of all types are assumed to occur mid-year.
13. Eligibility testing: Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
14. Decrement relativity: Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
15. Incidence of Contributions: Contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made.
16. Benefit Service: All members are assumed to accrue 1 year of eligibility service each year.
17. The decrement rates for service related decrements are based on total TMRS eligibility service.

#### **V. Participant Data**

Participant data was supplied in electronic text files. There were separate files for (i) active and inactive members, and (ii) members and beneficiaries receiving benefits.

The data for active members included birthdate, gender, service with the current city and total vesting service, salary, employee contribution account balances, as well as the data used in the next calculation of the Updated Service Credit (USC). For retired members and beneficiaries, the data included date of birth, gender, spouse's date of birth (where applicable), amount of monthly benefit, date of retirement, form of payment code, and aggregate increase in the CPI that will be used in the next calculation of the cost of living adjustment.

To the extent possible we have made use of all available data fields in the calculation of the liabilities stated in this report. Actual CPI is used to model the wear-away effect or "catch-up" when a city changes its COLA provisions. Adjustments are made for members who have service both in a city with "20 and out" retirement eligibility and one that hasn't adopted it to calculate the earliest possible retirement date.

Salary supplied for the current year was based on the annualized earnings for the year preceding the valuation date.

Assumptions were made to correct for missing, bad, or inconsistent data. These had no material impact on the results presented.



## SECTION 7

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### SUMMARY OF BENEFIT PROVISIONS

## Section 7

### Texas Municipal Retirement System Summary of Plan Benefit Provisions

The plan provisions are adopted by the governing body of each city, within the options available in the state statutes governing TMRS. Members in most cities can retire at age 60 and above with 5 or more years of service or with 20 years of service regardless of age. Some cities have elected retirement eligibility at age 60 with 10 years of service and/or with 25 years of service regardless of age. Most plans also provide death benefits and all provide disability benefits. Effective January 1, 2002, Members are vested after 5 years, unless a city opted to maintain 10-year vesting. Members may work for more than one TMRS city during their career. If an individual has become vested in one TMRS city, he or she is immediately vested upon employment with another TMRS city. Similarly, once a Member has met the eligibility requirements for retirement in a TMRS city, he or she is eligible in other TMRS cities as well.

Upon retirement, benefits depend on the sum of the Member's contributions, with interest, and the city-financed monetary credits, with interest. City-financed monetary credits are composed of three sources: Prior Service Credits, Current Service Credits, and Updated Service Credits. The available Member contribution rates are 5%, 6%, or 7% (some cities were grandfathered at a 3% rate), while the city's matching ratio will be 100%, 150%, or 200%. The balance at the beginning of each year is granted an interest credit as determined by the Board (Member account balances are guaranteed at least 5% interest).

- **Prior Service Credits:** At the inception of each city's plan, the city granted monetary credits for service rendered before the plan began of a percentage, adopted by the city, of a theoretical amount at least equal to two times what would have been contributed by the Member, with interest (3% annual), prior to establishment of the plan.
- **Current Service Credits:** Monetary credits for service since each plan began are a percent of the Member's accumulated contributions based on the city's matching rate in effect at the time the Member contributions are made.
- **Updated Service Credit (USC):** This monetary credit is determined by recalculating the Member's account balance by assuming that the current Member contribution rate of the currently employing city has always been in effect to create a hypothetical balance. The computation also assumes that the Member's salary has always been the Member's average salary during the 36-month period ending 13 months before the effective date of calculation. This hypothetical account balance is increased by 3% each year (not the actual interest credited to Member accounts in previous years), and increased by the city match currently in effect. The resulting sum is then compared to the Member's actual account



balance increased by the actual city match and actual interest credited. If the hypothetical balance exceeds the actual balance and the difference between them exceeds the current USC or Prior Service Credit, the Member is granted a monetary credit (the new USC) equal to the difference between the hypothetical balance and the actual balance. The calculation may be done on a repeating or an ad hoc basis.

At retirement, the benefit is calculated as if the sum of the Member's contributions with interest and the city-financed monetary credits with interest were used to purchase an annuity. Members may choose to receive their retirement benefit in one of seven payment options: retiree life only; one of three lifetime survivor options; or one of three guaranteed term options. Members may also choose to receive a portion of their benefit as a Partial Lump Sum Distribution (PLSD) in an amount equal to 12, 24, or 36 monthly payments under the retiree life only option, which cannot exceed 75% of the total Member contributions and interest. A participating city may elect to increase the annuities of its retirees, either annually or on an annually repeating basis, effective January 1 of a calendar year. Cities may adopt annuity increases at a rate equal to either 30%, 50%, or 70% of the increase (if any) in the Consumer Price Index — all Urban Consumers (CPI-U) between the December preceding the Member's retirement date and the December 13 months before the effective date of the increase, minus any previously granted increases.

## Section 7

### Texas Municipal Retirement System

#### Summary of Benefit Provision Changes Reflected in 12/31/2022 Valuation

City	Changes
Addison	1) Adopted 30% repeating COLA. 2) Removed statutory max.
Aledo	Adopted restricted prior service credit. *
Alvarado	Increased Member contribution rate from 6% to 7%.
Anthony	1) Granted 75% ad hoc USC. 2) Increased Member contribution rate from 5% to 6%.
Archer City	3) Increased city matching ratio from 1 - 1 to 2 - 1. 1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Arp	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 13.50% due to plan changes.
Azle	1) Increased Member contribution rate from 6% to 7%. 2) Removed statutory max.
Bellmead	1) Increased Member contribution rate from 6% to 7%. 2) Increased statutory max to 13.50% due to plan changes.
Big Sandy	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Blue Mound	Increased Member contribution rate from 5% to 7%.
Borger	Adopted 5 year vesting.
Buffalo	Adopted 20 yr, any age retirement eligibility.
Bunker Hill Village	Adopted 20 yr, any age retirement eligibility.
Caldwell	Adopted 5 year vesting.
Cameron	Increased city matching ratio from 1.5 - 1 to 2 - 1.
Cedar Park	Increased repeating COLA from 50% to 70%.
Celina	1) Adopted 100% repeating USC with transfer. 2) Granted 70% ad hoc COLA.
Chandler	Increased Member contribution rate from 5% to 7%.
Clifton	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Clyde	Removed statutory max.
Comanche	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Cottonwood Shores	Adopted restricted prior service credit. *
Dayton	1) Adopted 100% repeating USC with transfer. 2) Adopted 70% repeating COLA. 3) Removed statutory max.
Dekalb	1) Increased city matching ratio from 1 - 1 to 1.5 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Fairview	Adopted 30% repeating COLA.
Farmers Branch	Adopted 20 yr, any age retirement eligibility.
Ferris	1) Increased Member contribution rate from 5% to 6%. 2) Increased statutory max to 10.50% due to plan changes.
Franklin	1) Increased Member contribution rate from 5% to 7%. 2) Increased statutory max to 13.50% due to plan changes.
Frost	Removed statutory max.
Gary	1) Adopted 20 yr, any age retirement eligibility. 2) Increased city matching ratio from 1 - 1 to 2 - 1. 3) Removed statutory max.
Glenn Heights	1) Granted 100% ad hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Grand Prairie	Adopted buy-back provision. *
Granite Shoals	Increased Member contribution rate from 5% to 7%.

\* Reflects possible rate impact. No change to current rate.

## Section 7

### Texas Municipal Retirement System

#### Summary of Benefit Provision Changes Reflected in 12/31/2022 Valuation

City	Changes
Greenville	Adopted 30% repeating COLA.
Hale Center	1) Increased repeating COLA from 50% to 70%. 2) Adopted restricted prior service credit. *
Highland Park	1) Granted 50% ad hoc USC. 2) Granted 50% ad hoc COLA.
Hollywood Park	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Removed statutory max.
Hondo	1) Increased Member contribution rate from 5% to 7%. 2) Increased statutory max to 13.50% due to plan changes.
Hurst	Granted 30% ad hoc COLA.
Iowa Colony	1) Adopted 100% repeating USC with transfer. 2) Granted 70% ad hoc COLA.
Italy	1) Increased Member contribution rate from 5% to 7%. 2) Increased city matching ratio from 1 - 1 to 2 - 1.
Kountze	1) Rescinded 50% repeating USC. 2) Rescinded 30% repeating COLA.
Lefors	Increased city matching ratio from 1 - 1 to 2 - 1.
Leonard	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 13.50% due to plan changes.
McAllen	Granted 100% ad hoc USC with transfer.
Meadows Place	1) Granted 100% ad hoc USC. 2) Granted 70% ad hoc COLA.
Memorial Villages PD	Adopted 20 yr, any age retirement eligibility.
Mesquite	Granted 50% ad hoc COLA.
Mission	1) Decreased repeating USC from 100% to 50%. 2) Increased Member contribution rate from 6% to 7%. 3) Increased statutory max to 13.50% due to plan changes.
Missouri City	1) Granted 100% ad hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Moulton	Increased city matching ratio from 1 - 1 to 2 - 1.
Mount Enterprise	1) Adopted 20 yr, any age retirement eligibility. 2) Increased city matching ratio from 1 - 1 to 1.5 - 1.
Munday	Adopted restricted prior service credit. *
New Boston	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Oak Point	Granted 100% ad hoc USC with transfer.
Onalaska	1) Adopted 100% repeating USC with transfer. 2) Increased Member contribution rate from 5% to 6%. 3) Increased city matching ratio from 1.5 - 1 to 2 - 1. 4) Increased statutory max to 12.50% due to plan changes.
Palacios	1) Decreased repeating USC from 100% to 50%. 2) Decreased repeating COLA from 70% to 30%.
Palmer	Adopted 20 yr, any age retirement eligibility.
Paris	Opened plan to current and future firefighters.
Piney Point Village	Increased Member contribution rate from 5% to 7%.
Port Aransas	1) Increased Member contribution rate from 6% to 7%. 2) Removed statutory max.
Port Neches	Granted 30% ad hoc COLA.
Premont	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Presidio	1) Adopted 20 yr, any age retirement eligibility. 2) Increased city matching ratio from 1 - 1 to 1.5 - 1.

\* Reflects possible rate impact. No change to current rate.

## Section 7

### Texas Municipal Retirement System

#### Summary of Benefit Provision Changes Reflected in 12/31/2022 Valuation

City	Changes
Primera	1) Adopted 20 yr, any age retirement eligibility. 2) Increased city matching ratio from 1 - 1 to 2 - 1. 3) Increased statutory max to 11.50% due to plan changes.
Prosper	Adopted restricted prior service credit. *
Queen City	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Ralls	Adopted restricted prior service credit. *
Ransom Canyon	1) Increased Member contribution rate from 6% to 7%. 2) Increased city matching ratio from 1.5 - 1 to 2 - 1.
Richardson	Adopted 20 yr, any age retirement eligibility.
San Antonio	Granted 70% ad hoc COLA.
Sanger	1) Granted 70% ad hoc COLA. 2) Increased Member contribution rate from 6% to 7%. 3) Increased statutory max to 13.50% due to plan changes.
Sansom Park	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 13.50% due to plan changes.
Smithville	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Somerville	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Adopted restricted prior service credit. * 3) Increased statutory max to 11.50% due to plan changes.
Sudan	1) Granted 100% ad hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Sulphur Springs	Granted 100% ad hoc USC with transfer.
Sunnyvale	1) Decreased repeating COLA from 70% to 50%. 2) Increased Member contribution rate from 6% to 7%.
Surfside Beach	Adopted restricted prior service credit. *
Sweetwater	Adopted 20 yr, any age retirement eligibility.
Tex Municipal League IEBP	Granted 30% ad hoc COLA.
Trinidad	Removed statutory max.
Troup	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Tye	Adopted restricted prior service credit. *
Valley View	Increased city matching ratio from 1 - 1 to 2 - 1.
Venus	Adopted restricted prior service credit. *
Village of the Hills	Increased Member contribution rate from 6% to 7%.
Wallis	Adopted 5 year vesting.
Wellington	Granted 30% ad hoc COLA.
Weslaco	1) Granted 50% ad hoc USC with transfer. 2) Granted 30% ad hoc COLA.
Wharton	Adopted buy-back provision. *
Whitehouse	1) Decreased repeating USC from 100% to 50%. 2) Increased Member contribution rate from 5% to 6%. 3) Increased statutory max to 12.50% due to plan changes.
Windcrest	1) Increased city matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 12.50% due to plan changes.
Woodsboro	1) Increased city matching ratio from 1 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.

\* Reflects possible rate impact. No change to current rate.

## **SECTION 8**

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### **RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

## Section 8

### Texas Municipal Retirement System

### Risks Associated With Measuring the Accrued Liability and Actuarially Determined Contribution

The determination of the Accrued Liability and the Actuarially Determined Contribution (ADC) requires the use of assumptions regarding future economic and demographic experience. Risk measures, as illustrated in this report, are intended to aid in the understanding of the effects of future experience differing from the assumptions used in the course of the actuarial valuation. Risk measures may also help with illustrating the potential volatility in the Accrued Liability and the ADC that results from the differences between actual experience and the actuarial assumptions.

Future actuarial measurements may differ significantly from the current measurements presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions due to changing conditions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period, or additional cost or contribution requirements based on the Plan's funded status); and changes in plan provisions or applicable law. The scope of an actuarial valuation does not include an analysis of the potential range of such future measurements.

Examples of risk that may reasonably be anticipated to significantly affect the plan's future financial condition include:

1. Investment risk – actual investment returns may differ from the expected returns;
2. Asset/Liability mismatch – changes in asset values may not match changes in liabilities, thereby altering the gap between the Accrued Liability and Assets and consequently altering the funded status and contribution requirements;
3. Contribution risk – actual contributions may differ from expected future contributions. For example, actual contributions may not be made in accordance with the plan's funding policy or material changes may occur in the anticipated number of covered employees, covered payroll, or other relevant contribution base;
4. Salary and Payroll risk – actual salaries and total payroll may differ from expected, resulting in actual future Accrued Liability and contributions differing from expected;
5. Longevity risk – Members may live longer or shorter than expected and receive pensions for a period of time other than assumed;
6. Other demographic risks – Members may terminate, retire or become disabled at times or with benefits other than assumed resulting in actual future Accrued Liability and contributions differing from expected.

The effects of certain trends in experience can generally be anticipated. For example, if the investment return since the most recent actuarial valuation is less (or more) than the assumed rate, the cost of the plan can be



expected to increase (or decrease). Likewise if longevity is improving (or worsening), increases (or decreases) in cost can be anticipated.

The computed contribution rates shown in this report may be considered as a minimum contribution rate that complies with the Board’s funding policy and state statute. The timely receipt of the ADC is critical to support the financial health of the plan. Users of this report should be aware that contributions made at the actuarially determined rate do not necessarily guarantee benefit security.

With each valuation there is a presentation of the summary of findings to the Board. Included are various discussions and scenarios of potential risks.

**Investment Risk Scenario Testing - Benefit Accumulation Fund (Smoothed)**

The funded status and ADC are based on numerous actuarial assumptions that have been selected based on the System’s past experience and future expectations, including the expected annual investment return of 6.75%. The basis for the 6.75% investment return assumption has been detailed in Section 6 of this report.

The following table illustrates the projected Funded Ratio and ADC over the next five years assuming alternative investment returns on the Market Value of Assets. The projections are based on actuarial assumptions (other than investment returns), methods and plan provisions used in this valuation.

Three scenarios of projected results are shown assuming annual net investment returns equal to:

1. The expected 25th percentile annual investment return over a 10-year period, based on the assumed investment return of 6.75% and an assumed standard deviation of 10.6% (approximately 4.50% per year)
2. The annual investment return assumed in this valuation of 6.75%
3. The expected 75th percentile annual investment return over a 10-year period, based on the assumed investment return of 6.75% and an assumed standard deviation of 10.6% (approximately 9.00% per year)

	Projected Investment Return					
	4.50%		6.75%		9.00%	
December	Funded Ratio	ADC	Funded Ratio	ADC	Funded Ratio	ADC
2022	89.7%	13.84%	89.7%	13.84%	89.7%	13.84%
2023	89.3%	14.18%	89.6%	14.12%	89.9%	14.05%
2024	88.9%	14.58%	89.6%	14.38%	90.0%	14.14%
2025	88.4%	15.02%	89.6%	14.59%	90.7%	14.07%
2026	87.7%	15.57%	89.7%	14.85%	91.6%	13.95%
2027	86.8%	16.24%	89.7%	15.09%	92.7%	13.72%

In the 6.75% scenario, which assumes the actual returns on a market basis are equal to the 6.75% assumed return, the ADC increases due to recognizing the currently deferred investment loss from calendar year 2022. However, the funding policy (closed amortization strategy) maintains a level Funded Ratio despite the recognition of the deferred investment losses.



## ***Inflation Risk***

The cost-of-living options available for cities to provide their members are based on multiples of price inflation as measured by the CPI. The last two years have shown that CPI can spike quickly over a short period of time and increase liabilities and contribution requirements. This risk is not symmetric as when inflation has been lower than the 2.5% assumption it has been usually 0.5% to 1.0% lower, whereas the size of the spike has been 5-8% higher.

## ***Plan Maturity Measures***

Risks facing a pension plan evolve over time. A young plan with virtually no investments and paying few benefits may experience little investment risk. An older plan with a large number of Members in payment status and a significant trust may be much more exposed to investment risk. Generally accepted plan maturity measures include the following:

### **Aggregate Benefit Accumulation Fund Results**

	2022	2021
Ratio of the Market Value of Assets to Payroll	4.4	5.2
Ratio of Actuarial Accrued Liability to Payroll	5.3	5.4
Ratio of Active Members to Retirees and Beneficiaries	1.5	1.5
Net Cash Flow as a Percentage of Market Value of Assets	-0.5%	-0.4%
Duration of Liabilities	17.4	17.4
Average Change in Contribution Rate with 10% Decline in Assets (Smoothed)	0.34%	0.34%
Average Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)	3.40%	3.41%

**Ratio of Market Value of Assets to Payroll:** The relationship between assets and payroll is a useful indicator of the potential volatility of contributions. For example, if the Market Value of Assets is 4 times the payroll, a return on assets 5% different than assumed would equal 20% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in city contributions as a percentage of payroll.

**Ratio of Actuarial Accrued Liability to Payroll:** The ratio of liability to payroll may also be used as a measure of sensitivity of the liability itself. For example, if the Actuarial Accrued Liability is 5 times the payroll, a change in liability 2% other than assumed would equal 10% of payroll. A higher (lower) or increasing (decreasing) level of this maturity measure generally indicates a higher (lower) or increasing (decreasing) volatility in liability (and also city contributions) as a percentage of payroll.

The relationship between the Actuarial Accrued Liability and payroll is a useful indicator of the potential longer term asset-related volatility once the current UAAL is fully amortized. A funding policy that targets a funded



ratio of 100% is expected to result in the ratio of assets to payroll and the ratio of liability to payroll converging over time.

**Ratio of Active Members to Retirees and Beneficiaries:** A young plan with many active Members and few retirees will have a high ratio of active Member to retirees. A mature open plan may have close to the same number of active Members to retirees resulting in a ratio near 1. A very mature or closed plan may have significantly more retirees than active Members resulting in a ratio below 1.

**Net Cash Flow as a Percentage of Market Value of Assets:** A positive net cash flow means contributions exceed benefits and expenses. A negative cash flow means existing funds are being used to make payments. A certain amount of negative net cash flow is generally expected to occur when benefits are prefunded through a qualified trust. Large negative net cash flows as a percent of assets may indicate a very mature plan or a need for additional contributions.

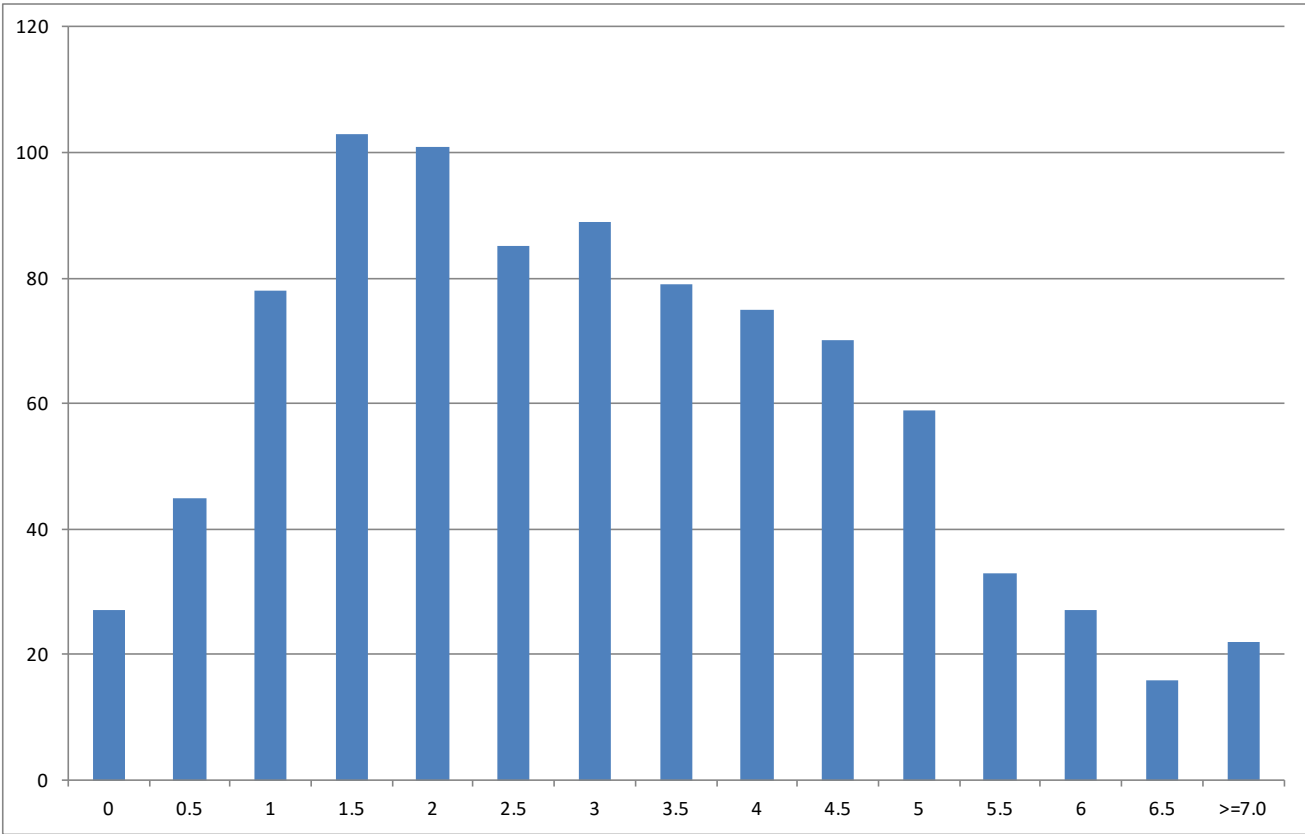
**Duration of Liabilities:** The duration of the Present Value of Future Benefits (PVFB) may be used to approximate the sensitivity to a 1% change in the assumed rate of return. For example, duration of 10 indicates that the PVFB would increase approximately 10% if the assumed rate of return were lowered 1%.

**Change in Contribution Rate with 10% Decline in Assets (Smoothed):** This shows the rate impact in one year if the Actuarial Value of Assets (AVA) was 10% lower than in the current actuarial valuation with the asset loss smoothed over a 10-year period as is done in the system-wide calculation of the AVA.

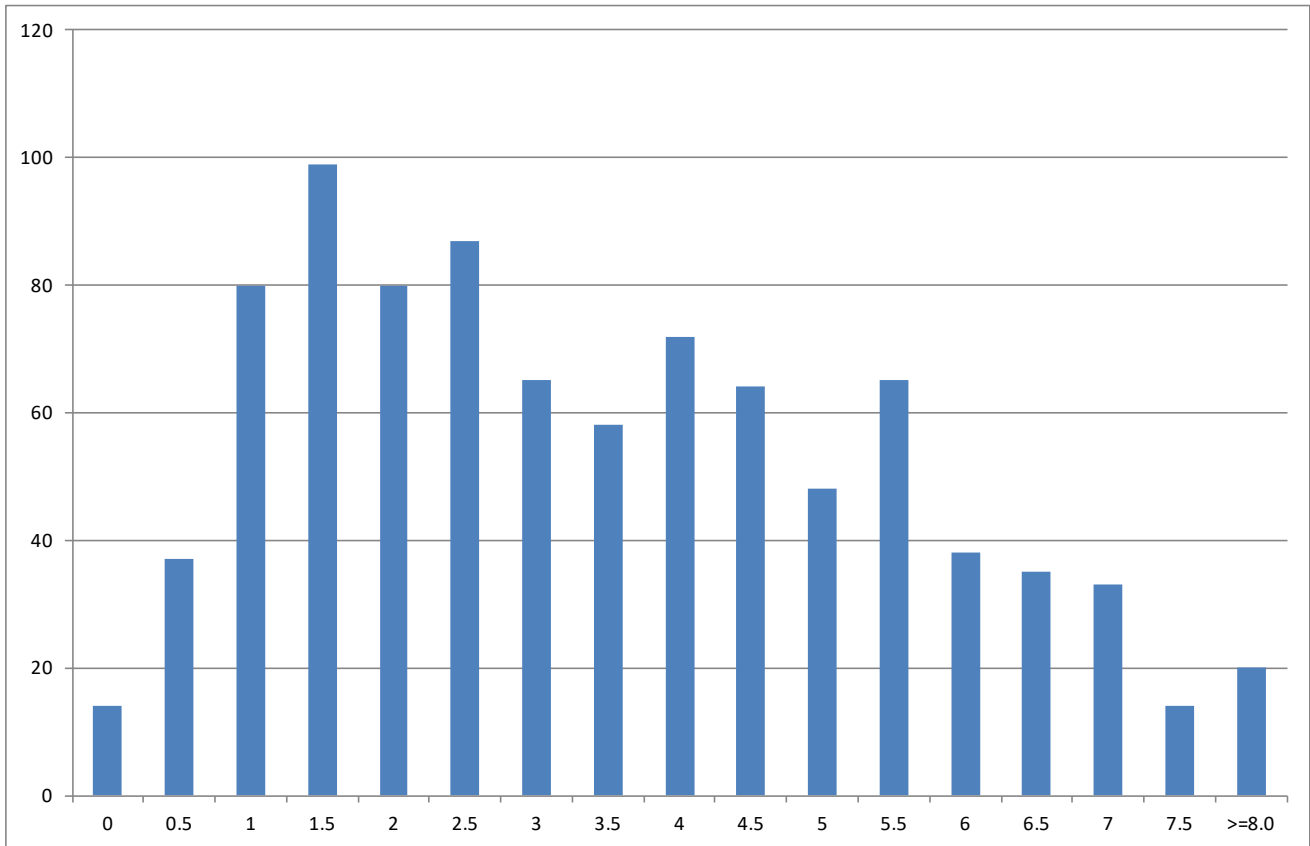
**Change in Contribution Rate with 10% Decline in Assets (Unsmoothed):** This shows the rate impact if the Actuarial Value of Assets was 10% lower than in the current actuarial valuation with the full asset loss recognized in the current valuation.

# Distribution of Measures

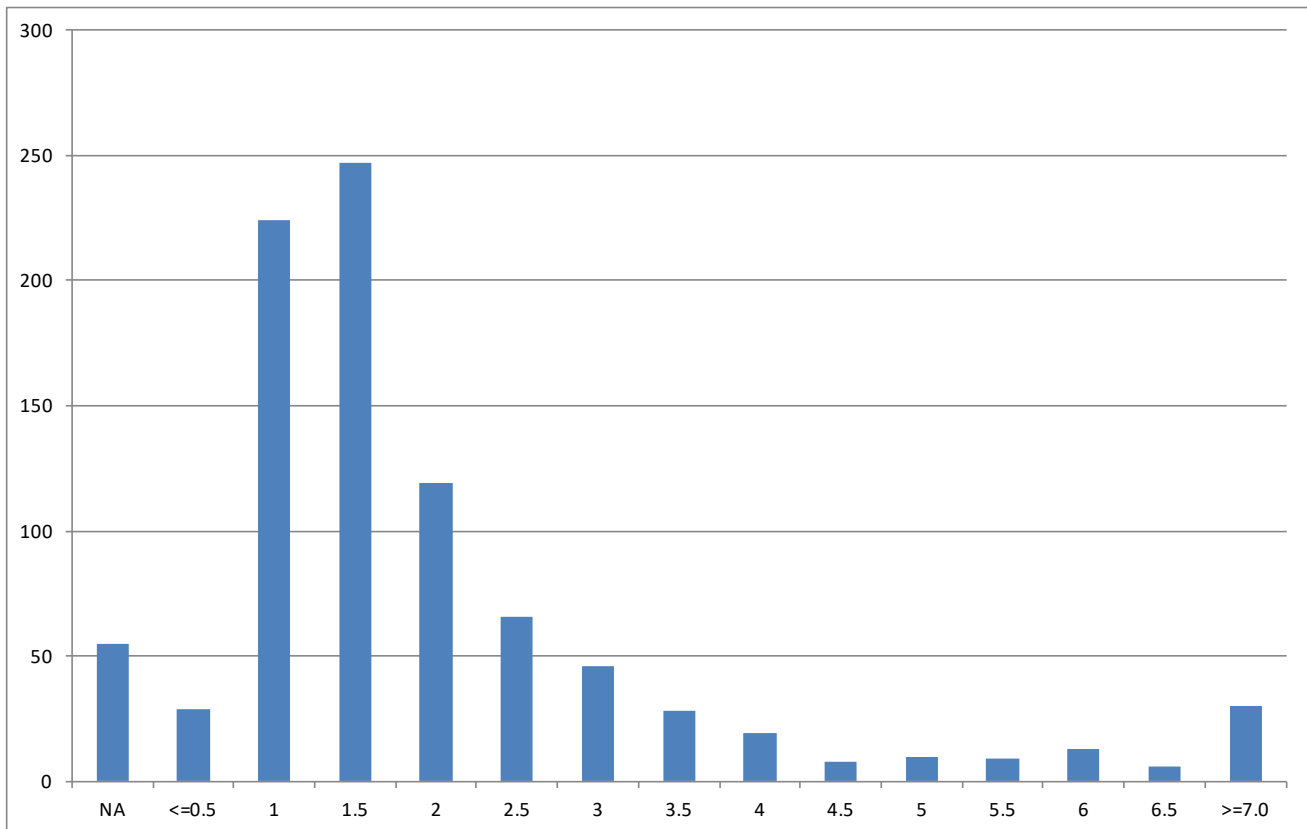
## Ratio of the Market Value of Assets to Payroll



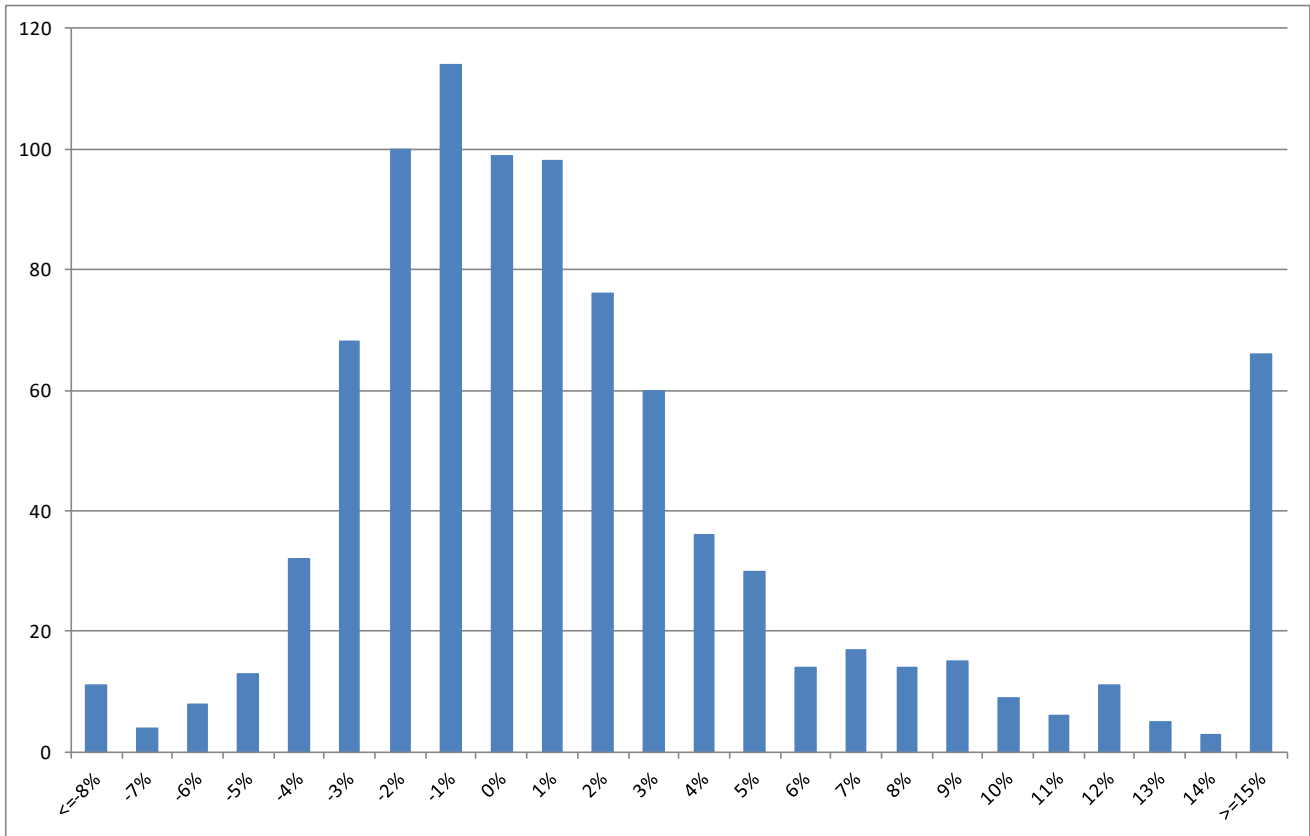
## Distribution of Measures Ratio of Actuarial Accrued Liability to Payroll



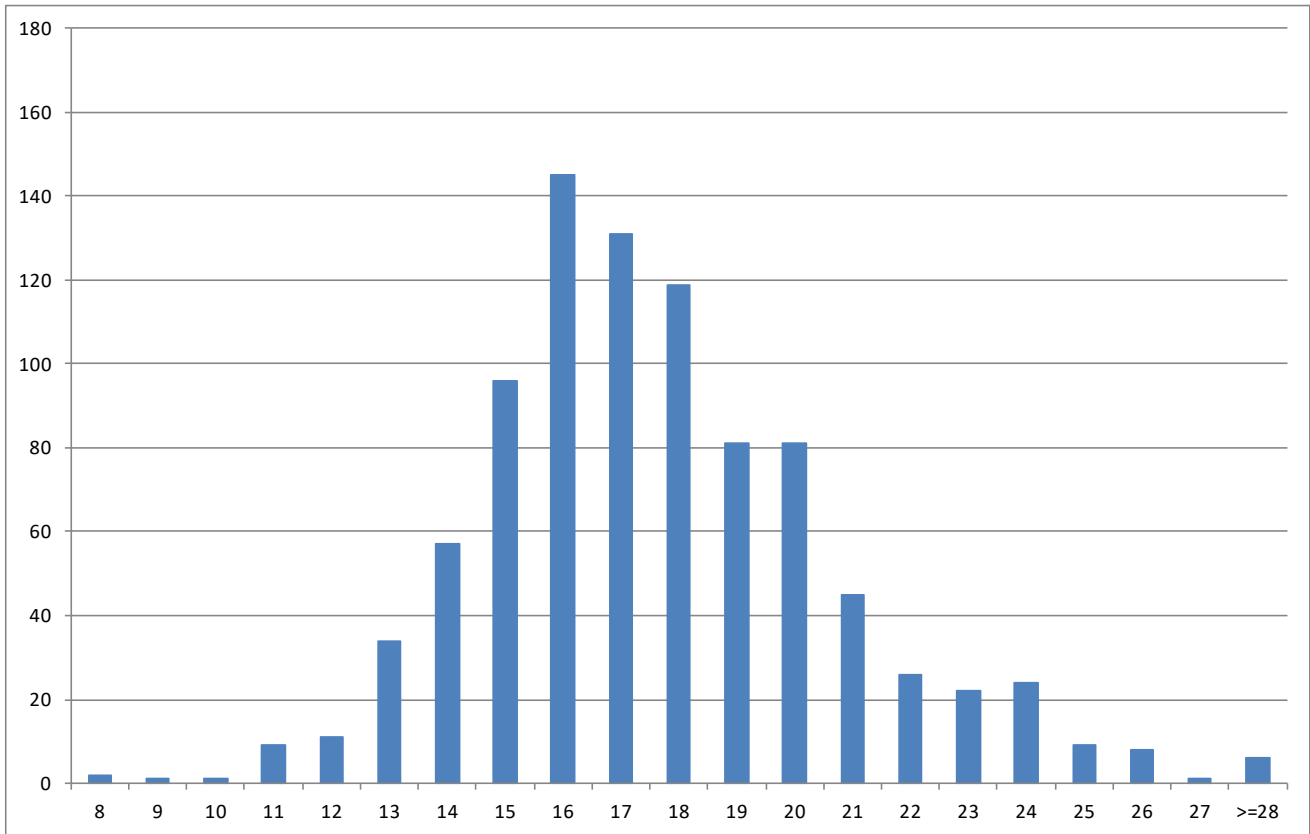
## Distribution of Measures Ratio of Actives to Retirees and Beneficiaries



## Distribution of Changes Net Cash Flow as a Percentage of Market Value of Assets



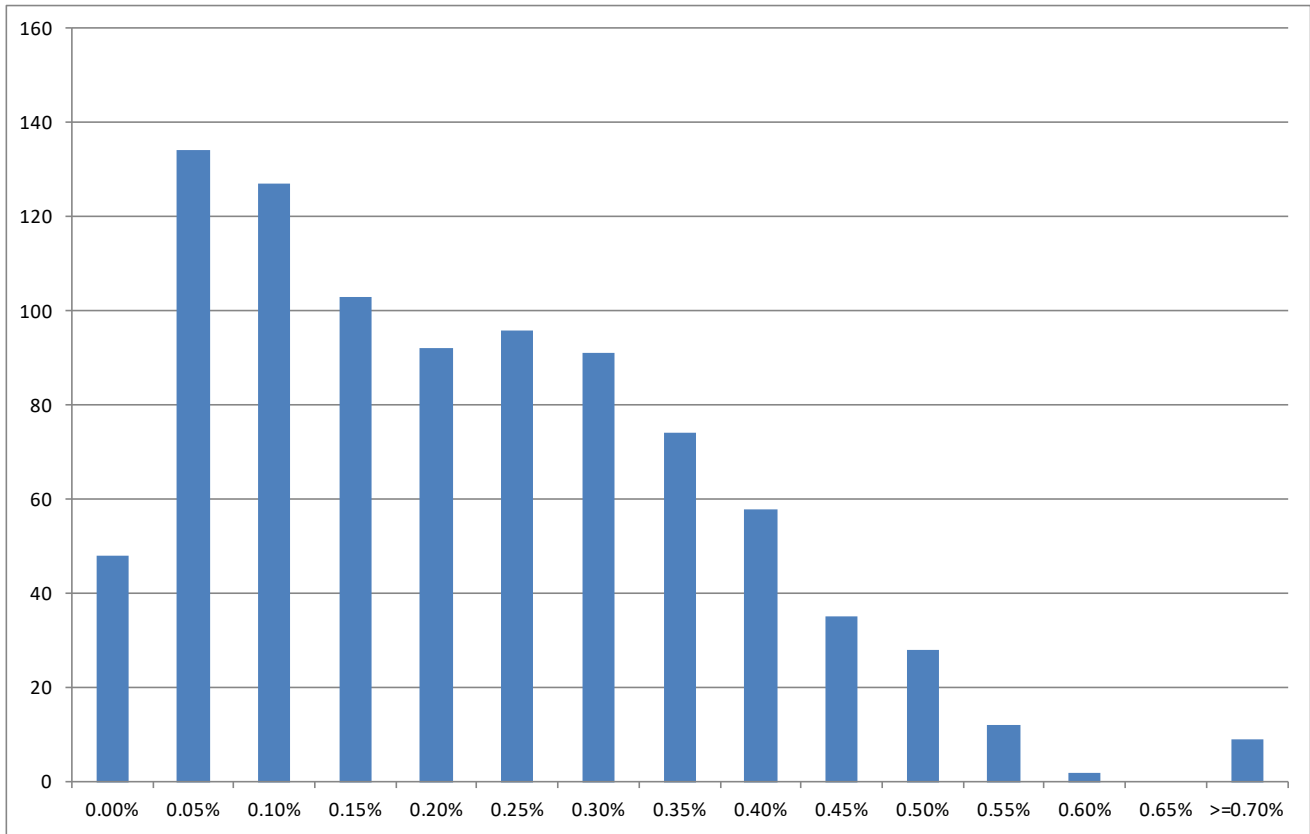
## Distribution of Measures Duration of Liabilities





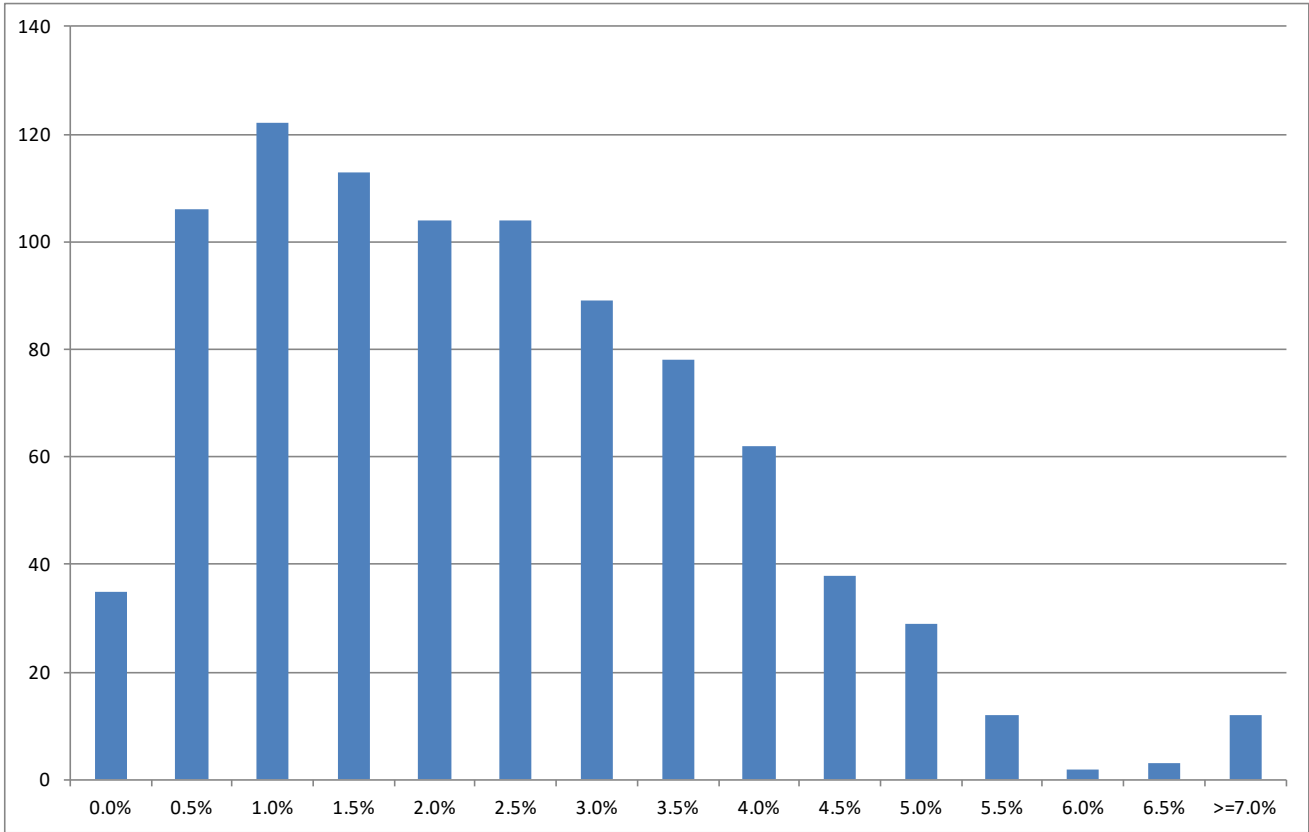
## Distribution of Changes

### Change in Contribution Rate with 10% Decline in Assets (Smoothed)



# Distribution of Changes

## Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)



**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
4	Abernathy	1.8	2.0	2.3	-2.1%	16.0	0.14%	1.38%
6	Abilene	4.8	5.5	1.1	-3.3%	15.6	0.37%	3.75%
7	Addison	5.4	6.7	1.2	-2.3%	16.8	0.42%	4.15%
8	Agua Dulce	0.8	1.0	NA	18.4%	14.3	0.12%	1.16%
10	Alamo	2.0	2.3	2.8	1.8%	20.0	0.16%	1.60%
12	Alamo Heights	4.1	5.4	1.1	-0.2%	17.6	0.31%	3.12%
14	Alba	2.2	2.8	3.0	8.2%	15.4	0.25%	2.54%
16	Albany	2.1	2.3	1.1	-0.5%	13.5	0.18%	1.78%
17	Aledo	1.3	1.5	1.6	6.6%	20.4	0.12%	1.17%
18	Alice	4.1	4.2	1.2	-2.6%	16.2	0.17%	2.59%
19	Allen	4.0	4.9	2.2	2.1%	19.6	0.32%	3.17%
20	Alpine	2.5	2.2	2.0	-1.7%	16.4	0.10%	0.98%
22	Alto	2.6	2.6	1.4	4.2%	24.2	0.11%	1.69%
23	Alton	1.8	2.1	3.9	5.9%	23.4	0.13%	1.34%
24	Alvarado	1.4	1.7	3.2	5.2%	21.5	0.12%	1.17%
26	Alvin	5.0	6.2	1.5	-0.6%	17.3	0.39%	3.85%
28	Alvord	1.6	1.8	1.0	1.0%	17.8	0.20%	2.00%
30	Amarillo	4.8	5.6	1.3	-3.0%	15.4	0.38%	3.77%
32	Amherst	2.0	1.1	2.0	0.3%	19.4	0.00%	0.73%
34	Anahuac	2.6	2.6	2.5	2.7%	17.6	0.11%	1.52%
36	Andrews	4.6	5.6	2.2	-0.8%	17.9	0.35%	3.52%
38	Angleton	3.3	3.9	1.8	0.2%	17.8	0.25%	2.53%
40	Anna	1.2	1.5	7.7	14.3%	25.4	0.10%	0.98%
41	Annetta	0.7	0.8	NA	23.8%	20.6	0.09%	0.91%
44	Anson	1.7	1.6	2.8	0.3%	15.4	0.07%	0.69%
45	Anthony	1.0	1.6	3.6	2.4%	20.6	0.08%	0.84%
48	Aransas Pass	2.6	3.2	2.2	1.4%	19.7	0.20%	2.01%
50	Archer City	1.7	1.8	1.3	-1.5%	12.4	0.10%	1.57%
49	Arcola	0.4	0.5	11.0	17.0%	17.2	0.03%	0.29%
51	Argyle	3.0	3.2	1.4	2.1%	20.3	0.23%	2.30%
52	Arlington	6.8	7.5	1.2	-2.6%	17.0	0.51%	5.12%
54	Arp	1.7	2.0	2.4	5.2%	21.4	0.15%	1.49%
60	Aspermont	2.2	2.0	2.3	-1.2%	14.8	0.00%	0.63%
62	Athens	4.2	5.5	1.2	-1.0%	17.5	0.32%	3.22%
64	Atlanta	2.6	2.9	1.4	0.2%	15.5	0.21%	2.14%
66	Aubrey	1.1	1.1	3.5	10.1%	24.3	0.05%	0.79%
67	Aurora	0.2	3.8	NA	100.0%	19.4	0.00%	0.04%
72	Avery	0.1	0.1	NA	100.0%	31.2	0.01%	0.12%
74	Avinger	4.6	4.3	NA	2.1%	10.7	0.14%	1.45%
75	Azle	3.1	4.3	1.4	2.2%	19.7	0.24%	2.45%
77	Baird	1.7	1.5	1.8	-6.6%	14.6	0.07%	0.71%
78	Balch Springs	3.6	4.7	1.3	0.8%	19.8	0.28%	2.78%
79	Balcones Heights	4.9	5.4	0.8	-3.0%	15.9	0.39%	3.94%
80	Ballinger	2.4	3.5	1.3	-3.6%	17.8	0.19%	1.90%
82	Balmerhea	1.6	1.3	NA	3.1%	17.4	0.04%	0.66%
83	Bandera	3.4	3.6	1.1	1.3%	17.4	0.15%	2.70%
84	Bangs	5.1	5.1	1.6	0.0%	15.5	0.20%	2.71%
90	Bartlett	2.1	2.2	1.8	5.2%	20.7	0.10%	1.37%
91	Bartonville	2.0	2.5	1.3	5.4%	18.5	0.20%	1.98%
92	Bastrop	2.8	3.2	2.0	11.1%	18.7	0.21%	2.14%
94	Bay City	4.1	4.8	1.2	-2.1%	15.7	0.32%	3.22%
93	Bayou Vista	1.3	1.3	1.3	1.1%	18.6	0.05%	0.55%
96	Baytown	4.7	6.1	1.6	-0.3%	18.4	0.37%	3.67%
98	Beaumont	6.9	8.6	1.0	-2.3%	15.6	0.52%	5.24%
100	Bedford	1.8	3.1	2.6	8.9%	20.1	0.14%	1.40%
101	Bee Cave	2.1	2.4	5.4	6.3%	20.7	0.17%	1.65%
102	Beeville	2.9	2.6	1.3	-3.3%	15.7	0.12%	1.20%
106	Bellaire	6.7	8.5	1.0	-2.5%	15.7	0.51%	5.15%
109	Bellmead	3.9	4.2	2.0	0.1%	18.5	0.31%	3.06%
110	Bells	1.1	0.9	1.8	1.1%	20.5	0.04%	0.44%
112	Bellville	4.2	5.6	1.1	-1.7%	15.6	0.33%	3.25%
114	Belton	2.6	3.2	1.8	2.2%	18.9	0.21%	2.09%
118	Benbrook	5.8	6.9	1.3	-0.5%	17.6	0.45%	4.46%
120	Benjamin	0.2	2.0	NA	100.0%	21.3	0.01%	0.07%
121	Berryville	1.5	1.5	1.0	-2.8%	13.6	0.07%	1.73%
123	Bertram	0.9	0.9	3.3	6.7%	20.5	0.04%	0.58%
119	Beverly Hills	0.1	0.1	NA	100.0%	26.2	0.00%	0.00%
124	Big Lake	4.1	5.8	2.5	2.2%	17.4	0.32%	3.20%
126	Big Sandy	2.2	2.4	1.0	-10.6%	14.9	0.20%	1.98%
128	Big Spring	5.2	6.7	1.0	-1.7%	16.3	0.42%	4.18%
132	Bishop	2.9	3.2	1.1	-7.8%	15.1	0.23%	2.27%
134	Blanco	1.1	1.1	1.9	7.1%	20.4	0.05%	0.52%
140	Blooming Grove	3.0	3.6	2.5	2.0%	16.7	0.42%	4.21%
142	Blossom	4.4	4.5	1.7	-0.6%	15.0	0.18%	3.87%
143	Blue Mound	1.0	0.9	1.4	6.0%	23.2	0.04%	0.42%
144	Blue Ridge	1.0	0.9	6.0	8.6%	22.9	0.05%	0.42%
148	Boerne	3.8	5.1	2.3	2.5%	19.0	0.29%	2.86%
150	Bogata	1.6	1.3	1.7	-1.3%	17.9	0.00%	0.50%
152	Bonham	3.2	3.7	1.6	-0.3%	17.0	0.25%	2.49%
154	Booker	2.3	2.6	4.5	3.2%	18.1	0.24%	2.38%

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156	Borger	4.9	6.0	1.4	-3.3%	17.3	0.38%	3.82%
158	Bovina	1.2	1.1	3.3	-1.8%	17.9	0.05%	0.50%
160	Bowie	4.1	4.7	1.2	-0.9%	16.5	0.34%	3.39%
162	Boyd	1.4	1.4	2.0	0.5%	20.5	0.06%	0.92%
166	Brady	2.7	3.1	1.5	1.8%	17.4	0.21%	2.06%
170	Brazoria	4.0	4.0	1.2	-1.9%	16.6	0.17%	2.14%
172	Breckenridge	3.3	3.7	1.0	-3.2%	15.3	0.29%	2.92%
174	Bremond	3.7	4.1	6.0	5.3%	14.5	0.46%	4.57%
176	Brenham	3.9	5.4	1.2	-0.2%	16.6	0.30%	3.03%
177	Bridge City	5.3	7.1	1.0	-2.6%	15.7	0.40%	3.99%
178	Bridgeport	3.0	3.8	1.6	2.3%	20.5	0.27%	2.66%
180	Bronte	2.7	3.2	5.0	3.6%	11.9	0.35%	3.53%
182	Brookshire	2.9	3.4	2.4	0.9%	16.0	0.24%	2.35%
184	Brownfield	5.2	4.7	1.5	-2.3%	15.5	0.22%	2.15%
186	Brownsboro	0.6	1.3	7.0	10.3%	12.9	0.08%	0.81%
10188	Brownsville	5.7	6.9	1.4	-1.9%	18.0	0.44%	4.38%
20188	Brownsville PUB	5.7	7.1	1.6	-0.7%	17.2	0.44%	4.40%
10190	Brownwood	4.9	6.0	1.3	-1.6%	16.3	0.37%	3.73%
30190	Brownwood Health Dept.	2.0	2.3	1.8	3.1%	17.6	0.15%	1.47%
20190	Brownwood Public Library	2.9	1.5	3.0	2.3%	16.9	0.00%	0.06%
195	Bruceville-Eddy	2.4	2.4	2.8	1.3%	20.4	0.10%	1.16%
192	Bryan	5.7	6.2	1.2	-1.9%	17.5	0.44%	4.42%
193	Bryson	6.5	4.7	3.0	-3.3%	15.1	0.00%	1.12%
194	Buda	1.9	2.3	4.5	6.8%	21.4	0.15%	1.48%
196	Buffalo	2.5	2.5	1.5	-4.8%	13.3	0.10%	1.46%
198	Bullard	1.7	2.5	3.9	6.1%	20.1	0.13%	1.29%
203	Bulverde	1.9	2.1	2.1	5.2%	21.0	0.15%	1.47%
199	Bunker Hill Village	4.9	5.4	1.6	-1.0%	13.1	0.52%	5.21%
200	Burkburnett	3.9	4.6	1.1	-2.2%	16.3	0.32%	3.17%
202	Burleson	3.5	4.6	2.0	2.1%	19.9	0.28%	2.75%
204	Burnet	3.2	3.9	1.8	0.7%	19.4	0.25%	2.54%
205	Byers	0.3	0.5	NA	45.1%	20.9	0.04%	0.38%
207	Cactus	1.0	1.4	4.5	11.8%	24.8	0.08%	0.79%
208	Caddo Mills	0.8	0.9	8.0	11.7%	21.0	0.06%	0.61%
210	Caldwell	4.4	4.8	1.9	-1.7%	14.3	0.34%	3.38%
211	Callisburg	0.2	0.2	NA	70.1%	21.0	0.04%	0.35%
212	Calvert	1.0	1.5	1.6	0.6%	16.4	0.08%	0.79%
214	Cameron	2.6	3.4	1.2	-0.1%	16.7	0.20%	2.03%
216	Campbell	3.1	3.6	2.0	12.5%	13.0	0.48%	4.80%
220	Canadian	4.2	6.0	1.5	0.3%	17.2	0.32%	3.19%
221	Caney City	0.4	0.3	NA	2.4%	17.1	0.01%	0.17%
222	Canton	3.0	3.6	2.5	3.7%	17.0	0.25%	2.52%
224	Canyon	4.6	5.4	1.8	-0.9%	17.4	0.35%	3.48%
227	Carmine	3.1	2.5	2.0	2.3%	20.0	0.00%	0.90%
228	Carrizo Springs	2.8	2.9	2.0	-3.0%	14.8	0.11%	1.93%
230	Carrollton	6.9	7.7	1.0	-2.5%	16.2	0.53%	5.31%
232	Carthage	6.7	8.5	1.1	-1.8%	15.1	0.53%	5.30%
231	Castle Hills	4.9	5.8	0.9	-1.4%	16.5	0.39%	3.94%
234	Castroville	2.3	2.6	1.2	0.4%	17.6	0.18%	1.81%
238	Cedar Hill	4.3	5.4	1.5	0.3%	18.7	0.34%	3.37%
239	Cedar Park	2.9	4.0	2.6	4.7%	21.3	0.23%	2.29%
240	Celeste	0.9	0.9	1.5	8.5%	12.9	0.04%	1.31%
242	Celina	0.9	1.2	8.4	13.2%	24.4	0.07%	0.70%
244	Center	4.3	4.8	1.6	1.0%	18.0	0.32%	3.23%
246	Centerville	4.8	5.3	6.0	4.4%	12.3	0.56%	5.58%
247	Chandler	0.8	1.1	3.3	9.6%	17.2	0.07%	0.65%
248	Charlotte	1.2	1.0	14.0	3.0%	19.3	0.05%	0.56%
249	Chester	18.4	17.7	0.5	-4.8%	9.2	0.00%	6.36%
245	Chico	2.1	2.5	0.8	-5.5%	11.3	0.26%	2.60%
250	Childress	3.8	5.1	1.2	0.4%	16.9	0.30%	2.98%
251	Chillicothe	1.0	1.0	NA	15.9%	15.2	0.05%	0.46%
253	Chireno	4.8	6.6	2.0	0.5%	15.8	0.48%	4.79%
254	Christine	1.7	1.3	1.0	1.0%	26.3	0.00%	0.00%
255	Cibolo	1.9	2.3	3.2	5.8%	22.8	0.16%	1.57%
256	Cisco	2.5	2.8	1.6	-3.6%	17.2	0.20%	2.03%
258	Clarendon	2.6	2.4	1.2	-1.8%	11.4	0.11%	1.04%
259	Clarksville	5.0	4.2	0.6	-1.9%	15.8	0.21%	2.17%
260	Clarksville City	6.2	6.1	0.7	-6.4%	14.0	0.23%	3.36%
263	Clear Lake Shores	2.5	2.7	3.5	4.4%	19.8	0.20%	1.96%
264	Cleburne	5.0	6.4	1.1	-2.3%	15.7	0.39%	3.94%
266	Cleveland	2.5	3.2	1.9	-1.1%	18.8	0.20%	2.02%
268	Clifton	2.3	2.6	1.2	-1.0%	15.2	0.17%	1.71%
271	Clute	4.2	4.6	1.4	-0.4%	18.2	0.34%	3.42%
272	Clyde	2.9	3.6	2.1	3.2%	17.8	0.22%	2.22%
274	Coahoma	3.7	3.9	1.0	-0.5%	13.2	0.15%	4.02%
276	Cockrell Hill	3.8	3.9	1.3	-0.2%	20.3	0.16%	2.52%
278	Coleman	6.0	7.3	0.8	-2.3%	14.3	0.48%	4.78%
280	College Station	4.7	5.6	1.6	-0.1%	18.1	0.37%	3.68%
281	Colleyville	4.5	5.0	1.1	-0.4%	17.6	0.35%	3.45%
282	Collinsville	1.2	1.3	1.7	5.0%	19.6	0.10%	1.00%

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283	Colmesneil	2.3	2.6	3.0	4.2%	18.5	0.38%	3.75%
284	Colorado City	4.2	4.3	0.9	-2.1%	14.0	0.18%	2.74%
286	Columbus	4.6	5.2	1.0	-1.5%	16.1	0.36%	3.56%
288	Comanche	2.3	3.0	1.5	-3.7%	16.8	0.18%	1.78%
289	Combes	0.4	1.0	7.3	17.1%	20.0	0.03%	0.35%
290	Commerce	3.3	3.8	1.2	-0.9%	18.4	0.28%	2.80%
294	Conroe	3.9	5.0	2.4	2.0%	19.1	0.31%	3.12%
295	Converse	3.1	3.9	2.2	2.2%	20.4	0.24%	2.40%
298	Cooper	3.0	3.5	1.3	-9.9%	13.3	0.25%	2.54%
299	Coppell	5.7	7.0	1.2	-1.0%	18.2	0.43%	4.31%
297	Copper Canyon	2.1	2.3	1.0	6.5%	13.4	0.15%	2.79%
300	Copperas Cove	4.4	5.5	1.0	-0.8%	17.6	0.36%	3.58%
301	Corinth	3.8	4.7	1.5	2.6%	20.2	0.30%	3.00%
302	Corpus Christi	5.0	6.1	1.1	-2.0%	15.4	0.40%	3.99%
304	Corrigan	1.4	1.5	1.4	-1.0%	16.5	0.07%	1.01%
306	Corsicana	5.8	7.0	0.8	-2.2%	15.1	0.52%	5.22%
307	Cottonwood Shores	0.2	0.5	NA	56.1%	21.5	0.02%	0.17%
308	Cotulla	1.4	1.7	2.0	1.5%	16.7	0.11%	1.11%
311	Covington	0.3	0.3	NA	29.9%	20.5	0.00%	0.06%
310	Crandall	2.3	2.6	2.1	2.5%	21.6	0.18%	1.84%
312	Crane	4.6	4.8	1.6	-1.8%	16.0	0.19%	2.95%
314	Crawford	0.9	0.8	5.0	4.7%	22.0	0.04%	0.37%
315	Creedmoor	0.2	0.3	NA	55.4%	13.9	0.03%	0.33%
316	Crockett	4.5	5.5	0.8	-1.3%	16.9	0.40%	3.97%
318	Crosbyton	4.1	3.3	0.8	-6.6%	15.4	0.16%	1.56%
320	Cross Plains	4.0	4.3	2.7	1.2%	14.9	0.41%	4.06%
321	Cross Roads	0.7	0.7	15.0	18.9%	22.2	0.03%	0.47%
322	Crowell	0.3	0.5	9.0	27.2%	21.5	0.03%	0.32%
323	Crowley	2.7	3.4	1.8	3.3%	20.3	0.22%	2.19%
324	Crystal City	2.6	2.3	2.0	-1.3%	14.5	0.11%	1.14%
326	Cuero	3.0	3.6	1.7	1.0%	18.1	0.23%	2.26%
328	Cumby	1.0	1.1	1.2	1.1%	15.7	0.11%	1.13%
332	Daingerfield	3.3	3.5	1.1	-8.0%	15.5	0.13%	2.21%
334	Daisetta	2.2	2.0	3.0	0.7%	12.8	0.09%	0.92%
336	Dalhart	3.3	3.3	1.5	-3.3%	15.4	0.13%	1.68%
1502	Dallas Police and Fire PS	0.2	0.2	NA	100.0%	21.8	0.01%	0.10%
339	Dalworthington Gardens	4.6	6.4	1.5	1.5%	19.1	0.38%	3.82%
340	Danbury	1.7	1.8	2.7	0.7%	14.0	0.08%	1.68%
341	Darrouzett	2.8	3.1	3.0	-0.7%	10.9	0.41%	4.08%
344	Dayton	1.9	2.9	1.5	0.8%	19.6	0.15%	1.52%
352	De Leon	1.3	1.4	1.6	1.6%	14.9	0.08%	1.20%
10366	DeSoto	4.7	5.4	1.3	-0.6%	17.3	0.36%	3.62%
346	Decatur	3.5	4.5	1.6	0.8%	18.3	0.29%	2.86%
348	Deer Park	6.3	7.2	1.5	-1.4%	17.0	0.47%	4.74%
350	Dekalb	1.8	1.9	0.9	0.1%	19.4	0.07%	1.46%
354	Del Rio	1.6	2.1	2.8	2.6%	17.5	0.12%	1.20%
353	Dell City	4.1	4.9	1.5	-4.9%	13.2	0.69%	6.87%
356	Denison	4.9	5.6	1.2	-3.1%	15.6	0.38%	3.78%
358	Denton	4.7	5.9	1.5	0.1%	18.1	0.36%	3.56%
360	Denver City	6.2	6.8	1.2	-4.0%	13.6	0.53%	5.29%
362	Deport	0.8	0.9	3.0	-10.2%	16.3	0.12%	1.31%
370	Devine	2.8	4.5	1.7	3.6%	17.2	0.21%	2.15%
371	Diboll	5.7	6.6	0.7	-2.2%	16.9	0.50%	4.99%
372	Dickens	1.0	0.9	NA	9.2%	19.4	0.04%	0.42%
373	Dickinson	2.7	3.1	2.6	1.4%	17.9	0.21%	2.12%
374	Dilley	1.6	2.0	1.5	1.6%	19.6	0.13%	1.28%
376	Dimmitt	5.2	5.0	1.2	-3.4%	14.8	0.23%	2.27%
382	Donna	1.4	1.9	3.5	9.3%	20.4	0.12%	1.22%
379	Double Oak	1.3	1.4	1.6	9.2%	18.4	0.13%	1.35%
383	Dripping Springs	0.6	0.7	21.5	17.3%	22.2	0.05%	0.50%
385	Driscoll	0.6	0.5	NA	12.1%	19.0	0.03%	0.24%
384	Dublin	3.1	3.8	1.3	0.2%	19.9	0.24%	2.41%
386	Dumas	3.3	4.3	1.4	-0.5%	17.9	0.25%	2.54%
388	Duncanville	5.6	6.0	1.0	-4.1%	14.4	0.44%	4.39%
394	Eagle Lake	4.5	5.0	1.1	-2.5%	14.7	0.36%	3.56%
396	Eagle Pass	3.6	4.1	1.9	-1.2%	18.6	0.28%	2.81%
397	Early	1.8	1.7	3.3	1.9%	18.5	0.07%	0.80%
399	Earth	1.1	1.4	1.0	-0.8%	14.0	0.15%	1.46%
393	East Bernard	0.7	0.8	2.5	11.4%	20.5	0.11%	1.05%
401	East Mountain	4.2	4.2	1.5	1.9%	21.2	0.18%	3.41%
395	East Tawakoni	2.2	2.2	2.4	-0.6%	16.6	0.09%	1.15%
398	Eastland	2.8	3.1	1.5	0.2%	17.3	0.21%	2.09%
402	Ector	2.3	2.3	2.0	-1.2%	12.7	0.08%	2.00%
406	Eden	3.4	3.7	0.6	-3.5%	15.0	0.33%	3.29%
408	Edgewood	1.2	1.4	1.4	5.4%	16.6	0.11%	1.09%
410	Edinburg	3.1	4.1	3.0	2.7%	20.2	0.24%	2.40%
412	Edna	4.9	5.8	0.9	-1.8%	15.4	0.40%	3.96%
414	El Campo	4.6	5.9	1.4	-0.9%	16.9	0.35%	3.47%
416	Eldorado	3.3	4.1	2.8	-1.5%	16.1	0.27%	2.67%
418	Electra	1.8	1.9	1.1	-2.5%	13.7	0.07%	1.31%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
420	Elgin	3.0	3.7	1.6	1.7%	18.5	0.22%	2.25%
422	Elkhart	2.0	1.8	1.7	-1.3%	16.4	0.09%	0.87%
427	Elmendorf	0.5	0.6	16.0	9.5%	22.1	0.04%	0.40%
432	Emory	1.8	1.9	2.0	-0.9%	16.8	0.14%	1.36%
436	Ennis	5.2	6.4	1.3	-1.0%	17.9	0.41%	4.11%
437	Escobares	0.4	0.7	NA	25.5%	30.8	0.06%	0.59%
439	Eules	7.0	8.2	1.3	-1.3%	17.2	0.53%	5.29%
440	Eustace	1.9	2.2	1.3	5.6%	17.3	0.19%	1.93%
441	Everman	2.5	3.0	1.7	-1.2%	18.9	0.21%	2.07%
443	Fair Oaks Ranch	2.3	2.7	3.3	5.9%	22.6	0.18%	1.80%
442	Fairfield	3.8	3.9	1.3	-1.2%	15.5	0.16%	2.54%
445	Fairview	2.2	2.7	5.6	4.9%	21.5	0.17%	1.72%
20444	Falfurrias	1.7	1.8	1.7	-2.8%	15.7	0.07%	1.09%
446	Falls City	1.9	2.2	2.5	6.7%	15.7	0.24%	2.44%
448	Farmers Branch	7.8	9.3	1.0	-0.9%	16.2	0.62%	6.19%
450	Farmersville	2.6	3.1	1.4	-0.6%	17.8	0.21%	2.06%
451	Farwell	4.3	3.7	2.7	2.0%	19.0	0.17%	1.73%
452	Fate	1.2	1.3	5.6	13.1%	24.1	0.09%	0.91%
454	Fayetteville	2.2	2.4	2.0	1.5%	12.6	0.41%	4.10%
456	Ferris	1.5	1.7	1.5	2.5%	20.0	0.12%	1.22%
458	Flatonia	6.0	6.8	1.3	-0.9%	15.9	0.45%	4.47%
460	Florence	1.2	1.3	2.6	5.2%	21.3	0.05%	0.95%
20462	Floresville	2.4	3.0	1.7	0.8%	18.8	0.18%	1.84%
463	Flower Mound	3.5	4.2	2.0	1.4%	18.9	0.27%	2.69%
464	Floydada	4.6	5.4	1.1	-1.8%	15.2	0.35%	3.54%
465	Follett	0.4	1.5	3.0	31.0%	13.8	0.08%	0.80%
468	Forest Hill	4.6	5.5	0.8	-0.8%	19.0	0.34%	3.39%
470	Forney	2.2	2.8	6.7	7.3%	24.2	0.17%	1.70%
472	Fort Stockton	2.8	3.5	1.6	-0.3%	17.4	0.22%	2.16%
476	Franklin	1.3	1.4	2.6	2.2%	19.8	0.05%	0.97%
478	Frankston	1.0	1.1	3.3	3.3%	18.6	0.04%	0.76%
480	Fredericksburg	4.0	5.7	1.4	1.8%	17.3	0.31%	3.14%
482	Freeport	4.0	5.0	1.3	-0.1%	18.6	0.29%	2.92%
481	Freer	1.8	2.1	1.8	2.4%	16.3	0.14%	1.42%
483	Friendswood	4.7	5.9	1.3	0.0%	17.8	0.36%	3.57%
484	Friona	4.5	5.2	1.4	-2.0%	15.8	0.38%	3.84%
486	Frisco	3.0	3.6	4.2	4.6%	22.0	0.24%	2.38%
487	Fritch	3.1	2.3	1.9	0.7%	20.2	0.12%	1.24%
488	Frost	3.4	3.9	0.2	-23.2%	8.4	0.75%	7.46%
491	Fulshear	0.8	0.9	13.4	16.8%	22.8	0.07%	0.67%
493	Fulton	1.6	1.6	2.0	11.6%	16.3	0.07%	0.67%
492	Gainesville	3.7	4.5	1.4	2.6%	17.3	0.30%	2.97%
494	Galena Park	5.0	5.7	1.1	-1.2%	16.2	0.38%	3.81%
498	Ganado	7.7	8.4	0.8	-8.8%	13.6	0.77%	7.68%
499	Garden Ridge	2.1	2.5	1.1	2.5%	16.5	0.16%	1.64%
500	Garland	6.2	6.9	1.2	-2.9%	15.3	0.46%	4.64%
501	Garrett	0.1	0.4	NA	86.7%	23.3	0.01%	0.12%
502	Garrison	7.0	6.4	1.0	-5.7%	15.9	0.28%	2.89%
503	Gary	2.2	3.5	2.0	0.9%	19.2	0.31%	3.10%
504	Gatesville	4.5	5.5	1.4	-0.9%	17.1	0.34%	3.44%
505	George West	1.3	1.5	2.1	4.0%	16.9	0.10%	0.99%
506	Georgetown	2.9	3.5	2.8	2.8%	20.3	0.23%	2.28%
510	Giddings	4.9	6.3	1.4	-0.2%	15.3	0.36%	3.63%
512	Gilmer	4.3	5.4	1.0	-1.8%	17.5	0.32%	3.21%
514	Gladewater	3.3	3.6	0.9	-1.9%	16.8	0.25%	2.49%
516	Glen Rose	4.2	5.1	0.9	-0.1%	17.3	0.33%	3.32%
517	Glenn Heights	2.1	2.1	1.2	-0.1%	18.5	0.09%	0.98%
518	Godley	0.8	0.9	2.4	1.6%	21.8	0.06%	0.60%
519	Goldsmith	1.5	1.6	4.0	4.2%	13.0	0.07%	2.05%
520	Goldthwaite	7.6	9.8	1.0	-1.8%	13.5	0.72%	7.19%
522	Goliad	3.0	2.9	1.4	-0.8%	16.3	0.12%	1.38%
524	Gonzales	3.2	3.9	1.8	-0.2%	18.2	0.25%	2.50%
527	Gordon	0.2	0.3	4.0	28.9%	21.4	0.04%	0.36%
530	Gorman	0.9	1.3	5.0	10.4%	14.8	0.12%	1.19%
532	Graford	1.3	1.4	1.5	0.7%	16.1	0.20%	1.97%
10534	Graham	4.3	5.2	1.0	-2.7%	16.0	0.32%	3.24%
536	Granbury	4.0	5.2	1.5	1.6%	17.5	0.31%	3.12%
540	Grand Prairie	5.9	6.5	1.5	9.4%	18.1	0.46%	4.58%
542	Grand Saline	3.0	3.4	1.1	-2.2%	16.8	0.26%	2.57%
544	Grandview	2.0	2.3	1.3	4.1%	19.4	0.16%	1.61%
546	Granger	1.3	1.3	0.9	7.0%	17.7	0.05%	0.61%
547	Granite Shoals	1.0	1.1	2.8	6.6%	20.4	0.05%	0.75%
548	Grapeland	1.4	1.5	1.2	-4.5%	17.0	0.06%	1.18%
550	Grapevine	5.8	7.2	1.2	-0.8%	17.1	0.45%	4.50%
552	Greenville	5.3	6.7	1.0	-3.5%	15.4	0.41%	4.14%
551	Gregory	1.2	0.9	5.7	4.7%	19.9	0.05%	0.47%
553	Grey Forest	5.2	6.3	1.2	-0.7%	16.4	0.39%	3.85%
556	Groesbeck	1.3	1.5	1.7	1.7%	16.1	0.11%	1.14%
558	Groom	1.7	1.8	0.8	-1.1%	14.2	0.25%	2.48%
559	Groves	6.0	6.5	1.0	-3.1%	15.1	0.46%	4.62%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
560	Groveton	1.5	1.5	2.3	2.9%	15.7	0.07%	1.02%
562	Gruver	5.4	5.9	1.7	0.7%	11.8	0.68%	6.77%
563	Gun Barrel City	1.9	2.2	1.5	4.2%	19.2	0.16%	1.64%
564	Gunter	0.8	1.1	3.0	24.1%	24.3	0.07%	0.66%
568	Hale Center	1.0	1.2	3.7	6.7%	20.0	0.09%	0.92%
570	Hallettsville	5.2	6.1	1.1	-2.3%	15.1	0.40%	4.03%
572	Hallsville	0.8	1.1	4.8	11.7%	17.2	0.07%	0.66%
574	Haltom City	5.8	7.3	1.0	-1.0%	17.1	0.49%	4.93%
576	Hamilton	3.6	4.4	1.3	-1.3%	16.8	0.26%	2.62%
578	Hamlin	4.2	4.7	1.1	-4.9%	14.4	0.32%	3.18%
580	Happy	4.6	4.7	3.0	0.8%	15.2	0.19%	3.89%
581	Harker Heights	4.1	5.2	1.8	1.1%	19.2	0.31%	3.05%
10582	Harlingen	3.7	4.2	1.5	-2.3%	14.6	0.29%	2.93%
20582	Harlingen Waterworks Sys	3.6	4.2	1.0	-1.9%	15.1	0.29%	2.91%
583	Hart	1.2	1.6	4.0	6.8%	19.8	0.19%	1.85%
586	Haskell	2.1	1.6	2.8	-0.3%	16.2	0.00%	0.56%
587	Haslet	2.5	2.7	3.3	4.8%	18.5	0.18%	1.81%
588	Hawkins	5.4	5.2	0.7	-0.9%	15.1	0.22%	2.23%
590	Hearne	3.6	4.4	1.4	0.2%	17.7	0.27%	2.75%
591	Heath	2.9	3.4	1.8	2.0%	19.3	0.21%	2.14%
592	Hedley	6.9	6.1	NA	1.0%	11.7	0.29%	2.87%
595	Hedwig Village	2.6	2.9	1.3	0.1%	15.6	0.20%	2.03%
593	Helotes	2.2	2.4	2.7	2.8%	19.5	0.17%	1.68%
594	Hemphill	3.0	3.5	1.2	-5.3%	12.7	0.22%	2.17%
596	Hempstead	3.0	3.5	2.4	0.1%	15.2	0.24%	2.36%
598	Henderson	4.9	6.1	1.6	-1.0%	18.9	0.35%	3.54%
600	Henrietta	3.9	4.9	1.2	0.6%	15.0	0.30%	3.00%
602	Hereford	3.9	4.6	1.7	-1.5%	17.2	0.30%	2.95%
605	Hewitt	3.5	4.5	2.4	2.4%	19.9	0.28%	2.77%
609	Hickory Creek	2.6	3.4	1.9	6.2%	22.1	0.23%	2.30%
606	Hico	2.4	2.3	1.3	-2.4%	16.7	0.10%	1.10%
607	Hidalgo	3.8	4.3	2.6	1.1%	18.9	0.30%	2.97%
608	Higgins	4.8	5.2	0.7	-4.9%	10.8	0.79%	7.92%
610	Highland Park	5.7	6.6	0.9	-4.4%	14.2	0.43%	4.29%
611	Highland Village	4.5	5.3	1.5	1.0%	18.6	0.34%	3.40%
613	Hill Country Village	2.7	2.6	3.2	0.7%	17.7	0.11%	1.18%
612	Hillsboro	3.9	4.7	1.3	-0.5%	17.6	0.31%	3.13%
619	Hilshire Village	1.0	1.1	3.0	11.6%	18.3	0.16%	1.64%
614	Hitchcock	1.7	1.8	1.3	-0.2%	17.5	0.07%	1.26%
615	Holland	2.1	1.9	1.5	0.0%	15.2	0.09%	0.88%
616	Holliday	2.4	3.0	3.0	4.6%	15.1	0.20%	2.14%
617	Hollywood Park	3.0	3.9	1.4	1.2%	18.8	0.23%	2.31%
618	Hondo	3.3	4.1	1.4	-2.3%	18.8	0.25%	2.55%
620	Honey Grove	3.1	3.3	1.4	-0.2%	17.2	0.21%	2.37%
622	Hooks	2.9	3.6	2.0	0.0%	16.8	0.24%	2.38%
623	Horizon City	0.4	0.8	11.6	17.4%	23.6	0.04%	0.35%
621	Horseshoe Bay	0.2	0.1	NA	100.0%	25.5	0.01%	0.01%
626	Howe	2.9	3.0	1.4	-2.6%	17.0	0.11%	1.83%
627	Hubbard	1.3	1.3	2.4	1.9%	19.9	0.06%	0.88%
628	Hudson	1.5	1.7	5.3	4.8%	16.3	0.12%	1.21%
629	Hudson Oaks	3.2	3.8	1.4	4.3%	22.5	0.25%	2.47%
630	Hughes Springs	7.6	7.7	2.6	-0.5%	14.0	0.31%	4.68%
632	Humble	5.0	5.9	1.5	-0.4%	18.2	0.37%	3.70%
633	Hunters Creek Village	2.6	3.8	0.8	5.1%	15.3	0.30%	2.98%
634	Huntington	4.2	5.3	1.4	0.4%	17.1	0.31%	3.13%
636	Huntsville	5.1	6.8	1.2	-1.2%	16.0	0.39%	3.91%
637	Hurst	5.9	6.8	1.0	-2.9%	15.8	0.48%	4.79%
638	Hutchins	2.2	2.2	2.0	3.4%	21.5	0.09%	1.26%
640	Hutto	2.7	2.8	2.8	3.9%	22.0	0.11%	1.93%
641	Huxley	2.5	2.4	1.7	-0.7%	16.5	0.11%	1.34%
642	Idalou	1.2	1.3	6.0	3.1%	21.5	0.05%	0.89%
643	Ingleside	2.8	3.0	1.7	0.1%	16.8	0.12%	2.00%
646	Ingram	1.8	1.8	0.6	0.8%	15.1	0.07%	0.93%
647	Iowa Colony	0.6	0.8	10.0	16.8%	23.1	0.06%	0.57%
644	Iowa Park	4.7	5.4	1.2	-1.0%	16.7	0.37%	3.65%
645	Iraan	4.1	4.8	2.0	0.3%	14.1	0.44%	4.38%
648	Irving	6.8	7.4	1.3	-2.3%	16.0	0.52%	5.17%
650	Italy	0.8	1.0	1.6	2.6%	17.9	0.06%	0.59%
652	Itasca	3.1	2.9	2.0	-0.5%	16.7	0.12%	1.25%
654	Jacinto City	3.4	4.8	1.9	3.5%	15.6	0.25%	2.51%
656	Jacksboro	3.8	4.7	1.4	-0.4%	17.9	0.29%	2.91%
658	Jacksonville	4.5	5.2	1.1	-1.4%	17.5	0.34%	3.44%
660	Jasper	4.0	4.5	1.2	-2.5%	13.9	0.31%	3.14%
664	Jefferson	2.7	2.4	1.1	-6.4%	14.8	0.12%	1.21%
665	Jersey Village	3.4	4.3	1.4	0.8%	18.9	0.28%	2.77%
666	Jewett	4.2	5.4	1.3	-1.3%	14.7	0.57%	5.70%
668	Joaquin	1.4	1.8	0.6	-5.5%	13.1	0.19%	1.89%
670	Johnson City	2.6	3.1	1.4	0.8%	18.2	0.22%	2.22%
673	Jones Creek	1.3	1.5	1.4	2.0%	16.3	0.15%	1.51%
675	Jonestown	1.4	1.5	2.0	3.7%	17.9	0.11%	1.10%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
677	Josephine	0.8	0.9	8.0	15.2%	23.7	0.06%	0.64%
671	Joshua	1.6	1.6	3.2	3.4%	19.1	0.07%	1.00%
672	Jourdanton	2.5	2.7	1.3	-0.9%	16.2	0.20%	1.98%
674	Junction	3.7	4.1	1.7	1.5%	15.8	0.28%	2.84%
676	Justin	1.1	1.2	3.8	9.2%	23.0	0.08%	0.81%
678	Karnes City	2.4	3.0	2.7	2.7%	18.8	0.18%	1.83%
680	Katy	3.2	3.8	3.0	2.0%	21.6	0.25%	2.48%
682	Kaufman	3.6	4.3	1.2	-0.1%	17.9	0.27%	2.72%
683	Keene	4.0	4.6	1.4	-0.6%	18.3	0.31%	3.09%
681	Keller	5.1	6.3	1.4	0.0%	18.2	0.40%	4.04%
685	Kemah	2.5	2.6	1.1	0.4%	17.7	0.10%	1.74%
684	Kemp	1.7	2.1	1.4	5.2%	19.0	0.14%	1.41%
689	Kempner	0.1	0.1	NA	53.6%	28.4	0.01%	0.05%
686	Kenedy	1.5	2.0	3.0	5.1%	19.9	0.12%	1.17%
688	Kennedale	4.2	5.2	0.9	0.1%	19.4	0.34%	3.41%
690	Kerens	0.9	1.5	5.5	17.1%	19.1	0.09%	0.85%
692	Kermit	4.2	5.3	1.6	-1.2%	16.2	0.32%	3.19%
10694	Kerrville	4.1	4.8	1.2	-0.9%	17.4	0.32%	3.24%
20694	Kerrville PUB	6.7	7.7	1.1	-1.0%	16.3	0.52%	5.16%
10696	Kilgore	5.4	6.6	0.9	-2.7%	16.7	0.43%	4.25%
698	Killeen	3.6	4.5	1.4	-0.7%	16.7	0.28%	2.79%
700	Kingsville	5.1	5.8	1.3	-2.0%	16.1	0.39%	3.92%
701	Kirby	4.6	5.6	1.1	-0.9%	18.5	0.36%	3.58%
702	Kirbyville	1.9	2.4	1.4	-1.4%	14.5	0.14%	1.40%
704	Knox City	2.2	2.0	0.8	-4.2%	15.9	0.09%	0.86%
706	Kosse	0.4	0.4	6.0	14.2%	23.4	0.02%	0.23%
708	Kountze	1.2	1.3	3.5	1.0%	17.7	0.09%	0.86%
699	Krugerville	1.5	1.6	3.7	9.1%	20.0	0.08%	1.19%
707	Krum	1.1	1.2	3.5	10.5%	22.6	0.09%	0.93%
710	Kyle	1.9	2.4	5.9	7.7%	23.6	0.15%	1.53%
725	La Coste	1.6	1.5	1.6	-3.7%	15.4	0.06%	0.59%
714	La Feria	3.1	4.1	1.4	2.0%	17.0	0.24%	2.40%
716	La Grange	5.3	6.2	1.3	-2.0%	15.1	0.41%	4.15%
723	La Grulla	2.0	1.5	2.8	1.6%	19.2	0.07%	0.70%
732	La Joya	0.6	1.1	4.2	1.9%	17.4	0.05%	0.50%
721	La Marque	3.3	4.2	1.2	1.6%	20.1	0.27%	2.66%
728	La Porte	6.3	7.5	1.4	-1.4%	16.5	0.48%	4.81%
731	La Vernia	0.8	1.0	3.5	8.5%	21.0	0.06%	0.61%
711	Lacy-Lakeview	3.7	4.4	1.6	1.6%	19.5	0.29%	2.89%
712	Ladonia	1.5	0.9	1.0	4.5%	16.2	0.07%	0.68%
713	Lago Vista	2.3	2.6	1.9	-2.2%	16.7	0.19%	1.89%
705	Laguna Vista	1.2	1.0	9.5	2.5%	18.2	0.05%	0.50%
717	Lake Dallas	5.0	5.7	0.6	-0.4%	16.5	0.36%	3.57%
718	Lake Jackson	5.4	6.2	1.4	-2.4%	16.1	0.41%	4.07%
719	Lake Worth	3.4	4.4	1.7	3.2%	20.4	0.27%	2.74%
727	Lakeport	2.9	2.2	6.0	1.5%	16.3	0.12%	1.16%
715	Lakeside	2.0	2.5	1.7	2.8%	17.9	0.16%	1.55%
729	Lakeside City	1.7	1.8	1.3	4.4%	15.7	0.21%	2.13%
720	Lakeway	3.1	3.9	1.6	3.5%	19.1	0.24%	2.41%
722	Lamesa	3.8	3.8	1.4	-3.9%	13.3	0.15%	1.99%
724	Lampasas	4.4	5.6	1.6	-0.1%	18.3	0.34%	3.37%
726	Lancaster	4.1	5.1	1.2	0.0%	18.5	0.33%	3.31%
730	Laredo	4.9	6.4	1.9	0.4%	18.1	0.36%	3.65%
733	Lavon	1.3	2.1	3.6	15.3%	21.5	0.11%	1.09%
736	League City	4.1	5.0	1.9	0.6%	18.6	0.31%	3.06%
737	Leander	1.9	2.3	4.4	7.8%	22.7	0.14%	1.42%
735	Lefors	0.5	0.6	NA	9.0%	24.2	0.07%	0.72%
739	Leon Valley	6.3	7.7	0.9	-2.5%	15.9	0.47%	4.75%
738	Leonard	1.3	1.2	1.6	2.9%	18.4	0.06%	0.57%
740	Levelland	5.8	6.3	1.5	-2.6%	16.8	0.42%	4.22%
742	Lewisville	5.1	6.2	1.4	-0.2%	18.3	0.39%	3.93%
744	Lexington	4.5	5.2	1.0	-3.8%	15.9	0.40%	4.00%
746	Liberty	2.8	3.6	1.7	1.2%	16.2	0.23%	2.31%
745	Liberty Hill	0.7	0.7	10.3	18.3%	22.6	0.03%	0.49%
748	Lindale	2.6	3.6	2.7	2.1%	17.1	0.21%	2.07%
750	Linden	1.4	1.3	1.8	-0.6%	14.1	0.06%	0.61%
749	Lindsay	0.4	0.5	NA	27.3%	15.9	0.05%	0.50%
755	Lipan	1.4	1.5	5.0	3.6%	16.4	0.05%	1.59%
751	Little Elm	2.2	2.7	3.9	7.0%	23.0	0.17%	1.72%
752	Littlefield	3.7	3.9	1.3	-2.9%	16.8	0.23%	2.70%
753	Live Oak	5.8	7.2	1.2	0.4%	17.0	0.44%	4.44%
757	Liverpool	0.6	0.7	NA	10.7%	21.1	0.03%	0.77%
754	Livingston	5.8	7.1	1.7	-2.0%	16.0	0.44%	4.43%
756	Llano	3.6	4.4	0.9	1.0%	14.8	0.27%	2.73%
758	Lockhart	4.4	5.4	1.3	-2.5%	16.7	0.34%	3.41%
760	Lockney	2.1	1.1	5.5	2.5%	18.8	0.00%	0.00%
761	Log Cabin	0.1	1.7	NA	100.0%	24.4	0.00%	0.03%
764	Lone Oak	0.1	0.5	NA	68.7%	22.0	0.01%	0.14%
765	Lone Star	4.5	4.6	0.7	-9.0%	14.8	0.17%	3.34%
766	Longview	5.1	6.0	1.1	-2.9%	15.4	0.39%	3.91%



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768	Loraine	1.1	1.1	1.5	2.8%	18.4	0.05%	0.51%
769	Lorena	2.8	3.2	1.7	3.9%	17.8	0.22%	2.24%
770	Lorenzo	2.6	1.8	1.0	-2.7%	20.0	0.11%	1.12%
771	Los Fresnos	2.1	2.5	3.0	3.3%	18.3	0.17%	1.65%
772	Los Indios	0.1	0.1	NA	100.0%	31.8	0.00%	0.01%
773	Lott	1.5	1.5	0.8	3.0%	14.2	0.05%	0.60%
774	Lovelady	1.2	1.4	3.0	12.1%	22.5	0.19%	1.93%
778	Lubbock	5.7	7.1	1.2	-2.1%	16.4	0.44%	4.45%
779	Lucas	1.9	2.3	1.8	8.8%	24.4	0.15%	1.50%
782	Lufkin	5.9	7.2	1.2	-2.2%	15.9	0.45%	4.45%
784	Luling	2.7	2.9	1.8	-0.5%	15.8	0.21%	2.13%
785	Lumberton	4.5	5.5	1.4	1.4%	17.5	0.34%	3.40%
786	Lyford	2.0	2.1	3.3	-3.5%	12.8	0.09%	1.45%
787	Lytle	3.0	3.5	4.8	0.4%	19.1	0.22%	2.15%
790	Madisonville	2.8	3.1	1.4	0.5%	17.3	0.22%	2.19%
791	Magnolia	1.1	1.1	2.5	5.1%	19.5	0.04%	0.66%
792	Malakoff	2.1	2.0	1.2	2.5%	16.8	0.08%	0.85%
796	Manor	1.1	1.4	6.3	9.5%	22.4	0.09%	0.91%
798	Mansfield	4.3	5.4	1.8	0.9%	19.7	0.34%	3.36%
799	Manvel	1.0	1.2	6.5	14.7%	21.3	0.07%	0.74%
800	Marble Falls	3.2	4.1	1.3	1.3%	18.1	0.25%	2.55%
802	Marfa	2.0	2.0	1.7	0.1%	14.9	0.09%	0.90%
804	Marion	2.8	2.4	1.0	-1.7%	16.2	0.11%	1.11%
806	Marlin	2.3	2.5	1.1	0.4%	18.6	0.18%	1.80%
808	Marquez	1.0	1.9	2.0	18.3%	12.3	0.20%	1.96%
810	Marshall	5.9	7.2	0.9	-3.4%	15.7	0.49%	4.87%
812	Mart	2.8	2.3	0.8	-1.5%	18.4	0.12%	1.18%
813	Martindale	1.5	1.7	3.0	8.7%	18.1	0.16%	1.57%
814	Mason	2.6	3.1	1.3	-2.9%	16.0	0.21%	2.08%
816	Matador	1.4	1.5	1.0	2.5%	13.4	0.06%	1.59%
818	Mathis	1.9	1.6	1.5	-0.8%	18.2	0.08%	0.79%
820	Maud	0.8	0.8	7.0	3.9%	16.6	0.08%	0.83%
822	Maypearl	1.0	1.0	1.8	-0.3%	16.4	0.04%	0.39%
824	McAllen	3.7	4.3	2.4	-0.9%	16.4	0.28%	2.83%
826	McCamey	3.5	3.4	4.3	-11.9%	16.2	0.14%	1.69%
828	McGregor	3.3	4.0	1.2	1.8%	17.8	0.25%	2.54%
830	McKinney	3.4	4.3	2.9	3.2%	20.6	0.27%	2.66%
832	McLean	2.2	2.3	2.0	1.0%	12.4	0.20%	2.43%
833	McLendon-Chisholm	0.6	0.5	7.0	23.1%	20.5	0.02%	0.24%
834	Meadow	0.7	0.8	4.0	-0.3%	17.5	0.10%	0.99%
831	Meadowlakes	1.1	1.1	7.0	7.8%	15.5	0.04%	0.70%
835	Meadows Place	3.4	4.1	1.4	0.1%	15.0	0.27%	2.70%
837	Melissa	1.6	2.3	3.2	12.7%	23.6	0.13%	1.32%
1501	Memorial Villages PD	3.5	4.4	1.0	-2.7%	14.9	0.27%	2.67%
840	Memphis	4.5	5.4	1.8	-1.0%	14.7	0.35%	3.49%
842	Menard	5.3	4.8	1.3	-3.6%	13.4	0.23%	2.32%
844	Mercedes	4.0	4.9	1.7	-0.5%	18.9	0.29%	2.93%
846	Meridian	1.9	1.7	6.5	3.8%	18.1	0.08%	0.80%
848	Merkel	2.5	3.2	2.0	2.8%	18.7	0.22%	2.19%
852	Mertzton	1.7	2.6	2.5	0.8%	17.6	0.21%	2.07%
854	Mesquite	5.6	6.9	1.2	-2.4%	15.8	0.43%	4.28%
856	Mexia	5.3	5.8	1.2	-0.7%	17.9	0.40%	4.03%
858	Miami	1.9	2.2	4.0	2.6%	11.5	0.24%	2.40%
860	Midland	5.7	7.0	1.1	-2.6%	16.2	0.43%	4.27%
862	Midlothian	2.8	3.6	2.3	4.0%	21.2	0.22%	2.22%
863	Milano	1.1	1.2	NA	16.0%	7.9	0.08%	2.19%
864	Miles	1.6	1.3	6.0	2.3%	15.5	0.06%	0.67%
865	Milford	3.3	3.7	0.9	-3.9%	15.7	0.37%	3.70%
868	Mineola	3.2	3.8	1.3	-0.8%	17.0	0.25%	2.46%
870	Mineral Wells	3.7	4.1	1.3	-2.3%	16.7	0.28%	2.82%
874	Mission	2.8	3.2	2.8	1.0%	18.8	0.22%	2.23%
875	Missouri City	4.3	4.9	1.5	-1.1%	16.4	0.34%	3.35%
876	Monahans	3.5	4.0	2.1	-3.1%	16.9	0.27%	2.66%
887	Mont Belvieu	2.2	2.7	5.1	5.5%	21.2	0.16%	1.57%
877	Montgomery	1.2	1.4	2.5	11.9%	23.6	0.09%	0.94%
878	Moody	1.8	2.0	2.2	-4.0%	13.7	0.16%	1.59%
883	Morgan's Point	5.0	5.4	0.7	-0.6%	16.3	0.43%	4.34%
882	Morgan's Point Resort	2.9	3.5	1.1	3.0%	20.5	0.23%	2.32%
884	Morton	6.9	7.0	1.3	-2.2%	15.5	0.29%	4.51%
886	Moulton	5.2	6.3	0.7	-2.1%	14.1	0.50%	4.96%
890	Mount Enterprise	1.8	1.7	1.0	-13.0%	13.3	0.08%	0.90%
892	Mt. Pleasant	3.9	4.9	1.8	1.8%	18.8	0.31%	3.09%
894	Mt. Vernon	3.9	4.2	1.6	0.9%	18.0	0.31%	3.14%
896	Muenster	3.0	2.5	1.2	-2.8%	14.3	0.13%	1.29%
898	Muleshoe	6.7	9.0	0.8	-3.0%	14.5	0.51%	5.13%
901	Munday	1.3	1.6	1.8	2.5%	15.6	0.14%	1.40%
903	Murphy	3.3	4.0	1.6	3.3%	20.5	0.25%	2.51%
899	Mustang Ridge	0.1	0.1	NA	100.0%	23.9	0.00%	0.04%
10904	Nacogdoches	5.4	6.5	1.2	-2.0%	16.6	0.41%	4.14%
906	Naples	2.3	1.9	0.9	-3.1%	15.1	0.09%	0.95%

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907	Nash	2.7	3.9	1.8	5.9%	19.8	0.21%	2.14%
905	Nassau Bay	3.7	4.2	1.2	0.3%	17.1	0.28%	2.77%
909	Natalia	1.0	1.1	2.8	4.7%	15.2	0.08%	0.85%
908	Navasota	3.5	3.8	1.9	-0.6%	17.9	0.22%	2.72%
910	Nederland	6.4	6.7	1.0	-3.7%	15.3	0.27%	4.42%
912	Needville	3.0	3.3	1.6	0.5%	13.3	0.24%	2.35%
914	New Boston	2.4	2.5	2.0	-2.2%	15.7	0.10%	1.74%
10916	New Braunfels	3.6	4.7	2.2	2.5%	20.1	0.27%	2.73%
20916	New Braunfels Utilities	3.6	4.7	2.4	2.8%	19.1	0.28%	2.83%
915	New Deal	2.6	2.4	1.0	-3.5%	14.3	0.10%	0.95%
923	New Fairview	1.0	1.0	4.0	18.8%	24.9	0.03%	0.71%
918	New London	5.0	5.3	0.4	-1.5%	13.7	0.22%	6.57%
919	New Summerfield	1.7	1.8	1.8	7.2%	20.4	0.07%	1.33%
917	New Waverly	2.9	3.6	1.7	3.1%	12.3	0.40%	3.97%
913	Newark	0.5	0.5	6.0	10.5%	25.6	0.02%	0.48%
920	Newton	4.7	5.7	2.1	2.1%	16.3	0.37%	3.68%
922	Nixon	1.1	1.0	3.3	3.1%	17.2	0.05%	0.45%
924	Nocona	3.4	4.0	1.1	1.3%	15.4	0.30%	2.98%
925	Nolanville	0.5	0.5	6.3	20.9%	24.1	0.04%	0.37%
928	Normangee	1.1	1.0	3.5	2.0%	18.2	0.05%	0.46%
931	North Richland Hills	6.6	7.8	1.2	-1.2%	17.3	0.51%	5.05%
930	Northlake	1.3	1.5	16.5	11.5%	23.6	0.10%	0.98%
935	O'Donnell	1.5	1.8	1.3	-3.3%	13.9	0.20%	2.04%
936	Oak Point	1.4	1.8	3.4	1.2%	21.5	0.11%	1.11%
937	Oak Ridge North	4.3	5.2	2.4	0.4%	17.5	0.33%	3.25%
942	Odem	1.5	1.7	1.7	0.0%	14.8	0.11%	1.08%
944	Odessa	5.5	6.8	1.1	-2.1%	15.9	0.43%	4.26%
945	Oglesby	2.7	2.9	0.3	-6.3%	11.5	0.43%	4.31%
949	Old River-Winfree	2.2	1.7	NA	2.3%	12.9	0.00%	0.59%
950	Olmos Park	3.1	3.0	1.0	-2.1%	16.7	0.13%	1.45%
951	Olney	1.5	1.6	1.8	1.8%	18.4	0.07%	1.23%
953	Omaha	1.3	1.5	3.5	3.6%	14.2	0.15%	1.45%
954	Onalaska	0.7	0.9	4.8	7.9%	23.7	0.05%	0.50%
958	Orange	7.0	8.3	1.0	-3.0%	15.7	0.54%	5.37%
960	Orange Grove	3.2	3.2	1.8	0.1%	16.3	0.13%	2.01%
957	Orchard	0.2	0.7	NA	83.6%	17.3	0.04%	0.38%
959	Ore City	1.4	1.4	2.3	-0.7%	17.2	0.05%	0.57%
962	Overton	2.7	2.4	1.3	-1.8%	16.0	0.11%	1.17%
961	Ovilla	2.3	2.8	1.7	4.8%	19.8	0.17%	1.74%
963	Oyster Creek	3.3	3.7	0.8	-2.3%	15.9	0.24%	2.36%
964	Paducah	4.0	3.2	0.8	-5.0%	13.1	0.00%	1.65%
966	Palacios	3.8	4.2	1.2	0.0%	15.9	0.28%	2.81%
968	Palestine	4.5	5.8	1.0	-2.1%	16.9	0.35%	3.46%
967	Palm Valley	0.1	0.1	NA	100.0%	24.9	0.00%	0.00%
970	Palmer	2.1	2.6	4.2	7.7%	23.1	0.17%	1.69%
969	Palmhurst	1.0	1.1	5.3	10.3%	24.4	0.08%	0.80%
971	Palmview	0.7	0.8	18.6	7.9%	24.2	0.05%	0.48%
972	Pampa	4.5	6.0	1.1	-1.1%	16.3	0.35%	3.46%
974	Panhandle	3.9	4.7	1.3	0.5%	16.1	0.29%	2.87%
973	Panorama Village	2.8	2.6	1.1	-4.1%	15.5	0.12%	1.17%
975	Pantego	5.0	6.0	0.7	-2.0%	16.8	0.39%	3.90%
976	Paris	4.7	5.0	1.2	-2.8%	15.3	0.31%	3.11%
977	Parker	2.0	2.7	1.4	2.9%	18.2	0.16%	1.59%
978	Pasadena	7.0	8.0	1.2	-2.7%	15.9	0.52%	5.20%
983	Pearland	3.0	3.7	2.4	3.3%	21.4	0.23%	2.35%
984	Pearsall	2.3	2.5	2.2	-1.8%	16.7	0.17%	1.74%
988	Pecos City	2.4	2.6	1.7	0.4%	17.4	0.18%	1.77%
989	Pelican Bay	0.5	0.8	NA	16.4%	21.0	0.05%	0.46%
991	Penitas	0.6	0.7	19.5	13.1%	24.7	0.05%	0.46%
994	Perryton	6.3	7.0	1.5	-3.1%	15.2	0.48%	4.83%
1000	Pflugerville	2.8	3.6	2.7	3.5%	20.7	0.22%	2.23%
1002	Pharr	2.3	3.0	2.7	3.2%	20.1	0.18%	1.76%
1004	Pilot Point	1.7	2.0	2.3	6.9%	22.5	0.13%	1.29%
1005	Pinehurst	4.9	6.7	0.6	-1.3%	15.8	0.37%	3.66%
1003	Pineland	5.7	5.7	1.3	-4.2%	14.6	0.23%	3.36%
1001	Piney Point Village	1.6	1.8	0.6	1.2%	15.8	0.20%	1.98%
1006	Pittsburg	5.1	5.8	1.5	-1.9%	17.3	0.39%	3.86%
1007	Plains	4.9	5.1	1.3	-0.1%	14.4	0.19%	3.47%
1008	Plainview	6.2	6.9	1.1	-2.3%	15.1	0.49%	4.92%
1010	Plano	6.0	7.1	1.5	-0.7%	17.4	0.46%	4.65%
1012	Pleasanton	3.1	4.2	1.9	2.8%	19.1	0.24%	2.43%
1013	Point	2.2	2.0	2.2	-0.2%	23.0	0.08%	0.86%
1017	Ponder	1.4	1.6	2.5	4.8%	14.2	0.11%	1.14%
1014	Port Aransas	2.4	3.3	2.0	3.6%	18.7	0.19%	1.86%
11016	Port Arthur	4.6	5.7	1.1	-2.1%	15.4	0.35%	3.51%
1018	Port Isabel	2.3	3.0	1.9	3.0%	20.2	0.19%	1.88%
1020	Port Lavaca	2.4	2.8	1.3	-0.8%	17.7	0.20%	1.95%
1022	Port Neches	5.8	6.9	1.0	-3.7%	16.0	0.46%	4.57%
1019	Portland	2.9	4.0	2.0	4.4%	19.0	0.23%	2.28%
1024	Post	1.9	2.9	1.6	4.8%	16.3	0.15%	1.50%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
1026	Poteet	1.8	1.6	2.3	0.5%	16.5	0.07%	0.75%
1028	Poth	1.6	2.0	2.3	1.5%	13.1	0.16%	1.60%
1030	Pottsboro	2.0	2.2	1.4	4.8%	19.7	0.16%	1.56%
1031	Prairie View	0.4	0.5	29.0	16.9%	20.4	0.03%	0.29%
1032	Premont	1.5	1.0	1.8	-1.4%	18.9	0.06%	0.64%
1029	Presidio	1.3	1.3	6.0	2.9%	18.4	0.05%	0.64%
1033	Primera	1.0	0.9	4.2	-0.9%	19.4	0.04%	0.40%
1034	Princeton	1.4	1.6	6.5	10.9%	24.5	0.11%	1.11%
1036	Prosper	1.6	1.9	8.4	12.4%	24.8	0.12%	1.21%
1037	Providence Village	0.7	0.8	5.5	15.1%	22.2	0.05%	0.53%
1042	Quanah	6.1	5.8	0.9	-4.1%	14.7	0.25%	2.49%
1045	Queen City	1.7	2.2	1.6	0.1%	16.2	0.14%	1.41%
1044	Quinlan	1.4	1.4	5.0	10.2%	24.9	0.06%	0.69%
1047	Quintana	0.8	0.9	NA	20.0%	18.1	0.06%	0.60%
1046	Quitaque	2.0	2.0	NA	4.2%	14.4	0.08%	1.40%
1048	Quitman	4.5	4.5	2.2	0.9%	15.5	0.18%	2.44%
1050	Ralls	4.2	4.7	0.8	-5.9%	13.7	0.42%	4.22%
1051	Rancho Viejo	4.2	4.2	3.0	-3.5%	18.2	0.16%	2.11%
1052	Ranger	2.7	2.7	3.4	3.3%	20.3	0.11%	1.16%
1054	Rankin	3.7	3.9	1.3	1.4%	16.6	0.15%	4.62%
1055	Ransom Canyon	3.4	3.7	2.0	-2.0%	20.1	0.28%	2.80%
1058	Raymondville	3.9	3.5	1.3	-2.6%	16.7	0.16%	1.61%
1061	Red Oak	1.5	1.7	2.6	6.2%	21.7	0.12%	1.17%
1062	Redwater	1.3	1.4	4.0	1.8%	17.8	0.13%	1.33%
1064	Refugio	2.1	1.5	2.2	0.0%	14.7	0.00%	0.00%
1065	Reklaw	6.3	7.1	1.0	0.7%	14.5	0.84%	8.45%
1066	Reno (Lamar County)	2.1	2.1	7.5	3.8%	20.2	0.09%	0.93%
1069	Reno (Parker County)	0.7	0.6	2.5	8.6%	22.1	0.03%	0.27%
1067	Rhome	1.5	1.4	1.0	2.7%	20.2	0.07%	0.68%
1068	Rice	0.8	0.8	2.6	3.3%	20.9	0.03%	0.36%
1070	Richardson	7.0	8.3	1.0	-3.1%	15.6	0.53%	5.31%
1073	Richland Hills	6.2	7.3	0.7	-2.2%	17.0	0.48%	4.77%
1074	Richland Springs	4.6	2.3	1.0	-2.8%	14.3	0.00%	0.00%
1076	Richmond	4.8	5.6	1.6	0.0%	18.8	0.37%	3.72%
1077	Richwood	3.0	3.8	1.1	-1.1%	17.0	0.22%	2.23%
1072	Riesel	1.3	1.8	4.0	6.8%	18.8	0.14%	1.45%
1075	Rio Grande City	2.1	2.4	4.1	2.5%	21.4	0.16%	1.58%
1078	Rio Hondo	0.1	3.3	NA	100.0%	19.9	0.00%	0.02%
1079	Rio Vista	1.5	1.6	3.0	1.3%	15.9	0.17%	1.75%
1080	Rising Star	1.0	0.7	2.0	-2.1%	13.0	0.04%	0.40%
1082	River Oaks	3.9	4.7	1.2	-0.8%	17.5	0.33%	3.25%
1084	Roanoke	3.4	4.4	2.6	3.1%	20.8	0.27%	2.70%
1088	Robert Lee	0.7	1.0	1.3	2.2%	20.5	0.11%	1.13%
1089	Robinson	3.4	4.4	2.1	2.9%	17.6	0.27%	2.70%
21090	Robstown	4.3	4.6	1.2	-2.9%	17.0	0.30%	3.00%
11090	Robstown Utility Systems	6.0	8.0	0.9	-2.7%	14.2	0.46%	4.64%
1092	Roby	7.2	7.5	0.5	-5.3%	13.1	0.32%	11.41%
1096	Rockdale	2.6	3.1	1.6	0.7%	16.9	0.21%	2.13%
1098	Rockport	4.1	5.3	1.3	-2.6%	16.8	0.32%	3.18%
1100	Rocksprings	1.8	1.6	3.5	-1.3%	15.3	0.07%	0.72%
1102	Rockwall	4.2	5.0	2.3	2.0%	19.3	0.32%	3.24%
1104	Rogers	2.3	2.7	1.0	0.6%	15.7	0.25%	2.50%
1105	Rollingwood	2.2	2.6	1.3	4.3%	19.0	0.17%	1.74%
1106	Roma	3.3	3.8	1.8	-2.5%	17.9	0.24%	2.43%
1109	Roscoe	2.3	2.4	1.2	-3.6%	12.8	0.09%	2.04%
1112	Rosebud	0.9	0.9	1.4	4.3%	15.5	0.04%	0.63%
1114	Rosenberg	4.2	5.4	1.4	0.7%	20.1	0.32%	3.20%
1116	Rotan	2.6	2.1	6.0	1.4%	14.8	0.00%	0.00%
1118	Round Rock	3.9	4.9	2.2	1.9%	19.7	0.31%	3.08%
1119	Rowlett	4.5	5.3	1.5	-0.2%	18.3	0.34%	3.35%
1120	Royse City	2.0	2.6	3.3	8.3%	22.5	0.16%	1.55%
1122	Rule	2.7	2.2	3.0	1.2%	17.5	0.14%	1.43%
1123	Runaway Bay	1.2	1.0	1.6	0.2%	17.8	0.05%	0.47%
1124	Runge	5.2	6.1	2.0	2.2%	12.7	0.74%	7.44%
1126	Rusk	3.0	3.2	1.5	-1.4%	18.0	0.12%	2.18%
1128	Sabinal	2.3	2.2	1.7	-3.5%	14.0	0.10%	0.97%
1129	Sachse	3.2	4.0	1.5	2.5%	20.3	0.25%	2.53%
1131	Saginaw	3.9	5.3	2.0	1.9%	19.1	0.29%	2.94%
1135	Saint Hedwig	0.1	0.5	NA	100.0%	19.7	0.00%	0.01%
1130	Saint Jo	2.0	1.8	1.2	-2.6%	13.4	0.08%	0.85%
1133	Salado	1.4	1.2	2.0	5.9%	17.9	0.06%	0.56%
1132	San Angelo	5.4	6.9	1.1	-2.0%	15.8	0.43%	4.28%
21136	San Antonio	3.8	4.6	1.4	-1.2%	15.6	0.29%	2.91%
11136	San Antonio Water System	1.8	2.2	1.2	-1.4%	15.7	0.14%	1.41%
1138	San Augustine	4.1	4.6	1.4	-3.4%	15.4	0.33%	3.30%
1140	San Benito	2.1	2.4	1.4	-1.6%	16.7	0.17%	1.66%
1144	San Felipe	1.6	1.8	1.3	0.8%	16.1	0.21%	2.12%
1148	San Juan	1.8	1.9	2.3	-0.3%	19.2	0.07%	1.20%
1150	San Marcos	4.3	5.6	1.8	0.9%	18.6	0.33%	3.34%
1152	San Saba	3.0	3.6	1.8	0.4%	16.8	0.24%	2.37%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
1145	Sandy Oaks	0.1	0.2	NA	100.0%	25.1	0.01%	0.07%
1146	Sanger	2.3	3.0	2.4	0.9%	18.4	0.18%	1.79%
1153	Sansom Park	1.4	1.5	1.5	6.9%	23.5	0.09%	1.17%
1155	Santa Fe	3.7	5.2	1.3	0.8%	17.8	0.29%	2.87%
1158	Savoy	2.2	1.8	1.0	1.8%	17.6	0.09%	0.95%
1159	Schertz	3.0	4.0	2.6	3.7%	20.9	0.24%	2.39%
1160	Schulenburg	6.2	7.5	1.2	-2.0%	15.4	0.48%	4.84%
1161	Seabrook	4.7	5.7	1.3	-0.5%	16.5	0.36%	3.59%
1162	Seadrift	1.4	1.6	4.8	5.2%	16.7	0.10%	1.00%
1164	Seagoville	3.1	3.8	1.5	2.0%	18.4	0.25%	2.46%
1166	Seagraves	2.4	2.8	1.1	-0.6%	15.8	0.19%	1.86%
1167	Sealy	4.6	5.5	1.6	-2.6%	18.1	0.34%	3.38%
1168	Seguin	3.7	5.3	1.5	1.7%	17.9	0.29%	2.90%
1169	Selma	3.8	4.7	2.6	2.7%	21.1	0.29%	2.88%
1170	Seminole	5.3	6.3	1.5	-1.8%	16.5	0.40%	4.02%
1171	Seven Points	2.5	1.5	2.1	0.8%	19.3	0.12%	1.16%
1172	Seymour	4.0	4.7	1.0	-4.0%	13.8	0.32%	3.16%
1165	Shady Shores	1.0	1.1	NA	18.1%	20.2	0.15%	1.49%
1177	Shallowater	2.2	2.3	1.9	-1.9%	17.7	0.09%	1.57%
1174	Shamrock	3.3	3.8	0.8	-5.5%	12.8	0.24%	2.41%
1173	Shavano Park	3.0	3.5	1.1	4.0%	21.4	0.24%	2.44%
1175	Shenandoah	3.4	4.7	1.9	4.0%	20.0	0.30%	3.00%
1181	Shepherd	2.7	2.3	2.5	-0.2%	13.8	0.10%	1.04%
1176	Sherman	4.4	5.3	1.3	-1.3%	17.3	0.35%	3.49%
1178	Shiner	3.0	3.9	1.9	0.2%	14.7	0.23%	2.28%
1179	Shoreacres	4.3	4.2	0.9	-2.4%	14.0	0.16%	1.69%
1180	Silsbee	4.8	6.4	1.1	-1.1%	16.6	0.36%	3.63%
1182	Silverton	6.1	6.5	0.8	-6.8%	11.9	0.28%	8.39%
1183	Simonton	0.4	0.6	NA	41.1%	24.3	0.07%	0.69%
1184	Sinton	4.8	5.9	1.2	-1.7%	17.8	0.37%	3.73%
1185	Skellytown	1.7	1.4	2.0	0.8%	17.7	0.06%	0.67%
1186	Slaton	4.3	4.7	1.1	-3.0%	15.6	0.34%	3.40%
1188	Smithville	2.2	2.9	2.2	1.6%	16.9	0.17%	1.74%
1189	Smyer	3.2	3.4	NA	4.4%	13.7	0.12%	3.66%
1193	Snook	0.1	0.0	NA	100.0%	24.0	0.00%	0.01%
1190	Snyder	6.4	7.5	1.1	-3.2%	16.0	0.48%	4.76%
1191	Somerset	0.7	0.6	3.0	-0.7%	21.7	0.03%	0.30%
1192	Somerville	2.5	2.6	0.8	-0.1%	16.2	0.10%	1.77%
1194	Sonora	3.4	3.8	1.0	-1.8%	16.8	0.26%	2.61%
1196	Sour Lake	2.1	2.0	2.0	1.9%	16.7	0.08%	0.88%
1198	South Houston	4.7	5.3	1.6	-1.5%	15.6	0.36%	3.55%
1199	South Padre Island	4.3	5.0	1.8	-0.1%	19.3	0.34%	3.35%
1197	Southlake	4.0	4.7	2.1	1.4%	19.3	0.31%	3.15%
1200	Southmayd	0.5	0.6	7.0	8.2%	22.6	0.07%	0.68%
1202	Southside Place	3.6	4.2	1.2	0.7%	16.1	0.28%	2.81%
1204	Spearman	5.7	6.3	1.0	-2.6%	15.0	0.43%	4.26%
1201	Splendora	0.5	1.0	7.8	28.3%	23.0	0.04%	0.39%
1205	Spring Valley Village	3.5	3.8	1.0	-2.5%	15.6	0.26%	2.62%
1203	Springtown	3.0	3.0	1.3	1.4%	20.0	0.13%	1.51%
1206	Spur	2.9	3.2	1.5	-2.8%	14.0	0.28%	2.77%
1207	Stafford	4.5	5.2	1.8	-0.1%	18.7	0.35%	3.48%
1208	Stamford	4.4	4.3	0.7	-3.4%	14.2	0.18%	2.05%
1210	Stanton	2.8	3.1	2.4	0.9%	16.7	0.21%	2.09%
1211	Star Harbor	4.9	5.4	0.5	-6.9%	13.4	0.76%	7.59%
1212	Stephenville	4.2	4.4	1.4	-3.0%	17.0	0.17%	2.63%
1213	Sterling City	2.0	2.1	1.8	0.1%	14.2	0.08%	1.76%
1214	Stinnett	2.9	2.4	1.3	-4.4%	14.1	0.00%	1.08%
1216	Stockdale	1.0	1.1	4.5	12.5%	13.4	0.09%	0.91%
1218	Stratford	2.0	2.5	1.4	4.5%	20.3	0.17%	1.72%
1220	Strawn	0.1	0.2	NA	100.0%	25.9	0.00%	0.04%
1224	Sudan	2.2	2.2	4.0	1.5%	15.2	0.10%	1.84%
1225	Sugar Land	4.7	5.5	2.5	1.0%	19.3	0.35%	3.53%
1223	Sullivan City	0.1	0.2	NA	86.1%	30.7	0.01%	0.06%
1226	Sulphur Springs	4.6	5.1	1.1	-2.3%	14.9	0.36%	3.59%
1228	Sundown	6.9	7.9	0.6	-3.7%	13.6	0.53%	5.32%
1229	Sunnyvale	1.7	1.9	2.8	5.6%	22.0	0.13%	1.30%
1230	Sunray	4.6	5.1	1.7	-1.3%	15.9	0.40%	3.97%
1227	Sunrise Beach Village	0.7	0.7	3.0	0.7%	19.5	0.03%	0.35%
1231	Sunset Valley	3.7	4.2	2.2	1.8%	19.9	0.28%	2.81%
1233	Surfside Beach	0.8	0.8	4.1	8.4%	19.6	0.03%	0.34%
1232	Sweeny	4.0	5.0	1.3	-1.7%	15.8	0.31%	3.06%
1234	Sweetwater	5.1	6.3	1.1	-1.6%	16.1	0.39%	3.88%
1264	TMRS	3.7	4.6	2.2	0.9%	16.6	0.29%	2.86%
1236	Taft	2.6	3.2	1.4	-2.1%	14.2	0.21%	2.05%
1238	Tahoka	3.5	2.9	1.6	-2.7%	15.1	0.15%	1.45%
1240	Talty	0.8	1.0	6.0	19.5%	16.6	0.10%	0.97%
1241	Tatum	1.3	1.4	1.5	1.5%	14.6	0.12%	1.67%
1246	Taylor	3.2	3.9	1.3	0.9%	18.8	0.25%	2.52%
1248	Teague	3.6	3.6	0.9	-0.2%	18.2	0.15%	2.22%
1252	Temple	4.5	5.6	1.5	0.0%	17.4	0.36%	3.65%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
1254	Tenaha	1.9	1.6	0.7	-3.6%	16.1	0.00%	0.54%
1256	Terrell	4.5	5.7	1.3	0.2%	18.3	0.37%	3.65%
1258	Terrell Hills	5.0	6.2	1.3	0.4%	20.1	0.38%	3.77%
31263	Tex Municipal League IEBP	3.1	3.5	2.6	0.4%	14.7	0.24%	2.39%
21263	Tex Municipal League IRP	6.6	7.3	2.0	-1.0%	15.2	0.50%	4.97%
21260	Texarkana	6.4	7.8	0.9	-3.1%	14.6	0.50%	5.00%
11260	Texarkana Police Dept	7.8	9.3	0.9	-2.4%	18.2	0.58%	5.85%
31260	Texarkana Water Utilities	5.3	6.5	1.3	-1.3%	16.1	0.40%	3.97%
1262	Texas City	5.5	6.9	1.3	-1.5%	16.5	0.43%	4.30%
11263	Texas Municipal League	6.8	8.2	1.1	-1.3%	15.1	0.50%	5.05%
1267	The Colony	3.6	4.3	1.7	0.8%	19.0	0.27%	2.72%
1269	Thompsons	3.1	3.6	1.0	-0.9%	10.9	0.48%	4.83%
1268	Thorndale	2.3	2.5	1.0	-4.5%	13.9	0.26%	2.58%
1272	Thrall	0.9	0.9	6.0	7.7%	17.1	0.04%	0.39%
1274	Three Rivers	4.4	6.7	1.4	1.5%	15.7	0.34%	3.40%
1276	Throckmorton	4.3	4.9	0.6	-4.2%	17.3	0.57%	5.74%
1277	Tiki Island	1.7	1.9	8.0	4.7%	14.4	0.17%	1.74%
1278	Timpson	3.6	3.4	1.2	-4.9%	14.6	0.14%	1.44%
1280	Tioga	1.3	1.4	NA	8.4%	16.2	0.06%	0.99%
1285	Todd Mission	0.2	0.3	NA	100.0%	27.2	0.02%	0.22%
1283	Tolar	2.2	2.3	1.2	1.9%	16.9	0.09%	2.18%
1286	Tom Bean	1.1	1.0	2.3	1.7%	21.6	0.05%	0.50%
1284	Tomball	3.4	4.3	1.8	-0.1%	19.6	0.26%	2.63%
1287	Tool	0.1	0.1	NA	100.0%	25.9	0.01%	0.04%
1290	Trent	3.7	3.5	2.0	-0.7%	9.7	0.14%	1.35%
1292	Trenton	1.6	1.5	1.2	-9.0%	18.3	0.06%	0.88%
1293	Trinidad	1.8	2.5	1.0	1.3%	15.1	0.23%	2.25%
1294	Trinity	2.1	2.0	2.9	0.7%	18.6	0.09%	0.89%
1295	Trophy Club	3.9	4.5	1.3	1.3%	18.1	0.31%	3.13%
1296	Troup	1.8	2.3	1.5	1.2%	21.3	0.14%	1.39%
1297	Troy	1.9	2.0	1.3	6.6%	18.1	0.15%	1.54%
1298	Tulia	6.0	6.6	1.2	-4.0%	15.6	0.45%	4.53%
1299	Turkey	1.5	2.0	0.7	-2.1%	12.6	0.21%	2.08%
1300	Tuscola	0.3	0.6	NA	31.9%	26.3	0.04%	0.44%
1301	Tye	1.7	2.0	1.1	-1.5%	17.9	0.13%	1.29%
1304	Tyler	5.1	6.8	1.1	-0.5%	16.7	0.40%	3.99%
1307	Uhland	0.3	1.0	NA	82.2%	19.7	0.04%	0.38%
1305	Universal City	4.2	5.8	1.6	0.4%	17.9	0.32%	3.19%
1306	University Park	5.1	5.7	1.1	-3.7%	14.0	0.40%	4.01%
1308	Uvalde	2.5	3.0	1.8	1.1%	18.8	0.20%	1.98%
1312	Valley Mills	0.4	0.3	NA	13.9%	20.6	0.02%	0.17%
1313	Valley View	0.4	0.4	7.0	15.5%	25.9	0.02%	0.25%
1314	Van	2.7	2.8	1.4	-0.4%	17.0	0.11%	1.58%
1316	Van Alstyne	1.8	2.4	2.5	8.5%	23.8	0.15%	1.48%
1318	Van Horn	3.6	4.2	1.4	-1.1%	16.3	0.30%	2.95%
1320	Vega	6.5	6.9	1.7	-1.3%	15.1	0.29%	7.87%
1324	Venus	1.3	1.4	2.4	8.7%	24.6	0.05%	0.91%
1326	Vernon	4.8	5.7	1.0	-2.2%	16.0	0.40%	4.03%
1328	Victoria	5.4	7.0	1.0	-3.0%	16.7	0.41%	4.13%
1329	Vidor	5.2	6.3	1.1	-2.2%	15.9	0.39%	3.93%
1500	Village Fire Department	4.1	4.4	1.6	-1.1%	17.2	0.34%	3.39%
1327	Village of the Hills	0.7	1.0	NA	20.2%	19.7	0.15%	1.47%
1325	Von Ormy	0.2	4.1	NA	100.0%	29.4	0.00%	0.01%
1330	Waco	4.7	5.7	1.3	-1.9%	15.5	0.38%	3.78%
1332	Waelder	1.5	1.5	3.6	2.0%	17.7	0.07%	0.86%
1334	Wake Village	3.7	4.6	1.0	-0.1%	16.8	0.29%	2.87%
1336	Waller	2.0	2.5	1.7	3.0%	16.2	0.16%	1.57%
1337	Wallis	2.1	2.0	2.0	1.1%	16.7	0.09%	0.93%
1338	Walnut Springs	1.4	1.5	1.0	2.8%	16.1	0.21%	2.14%
1340	Waskom	3.1	5.1	1.1	-1.4%	16.4	0.24%	2.39%
1341	Watauga	4.9	5.9	1.0	0.2%	18.0	0.44%	4.40%
1342	Waxahachie	3.4	4.5	2.0	1.7%	18.9	0.27%	2.68%
1344	Weatherford	4.8	5.8	1.3	-1.5%	17.6	0.39%	3.90%
1345	Webster	5.1	6.4	1.2	-1.3%	18.6	0.38%	3.83%
1346	Weimar	5.3	6.0	0.9	-3.1%	15.3	0.41%	4.10%
1350	Wellington	8.7	8.9	0.7	-4.5%	10.5	0.37%	6.49%
1352	Wells	1.2	1.2	3.5	3.1%	17.1	0.05%	0.51%
1354	Weslaco	3.4	3.9	1.5	-2.1%	16.7	0.28%	2.78%
1356	West	2.7	2.9	1.7	-3.6%	16.3	0.11%	1.98%
1358	West Columbia	3.0	2.9	1.5	-2.1%	14.8	0.13%	1.27%
1359	West Lake Hills	4.4	5.4	0.7	0.1%	18.0	0.36%	3.61%
1361	West Orange	6.9	8.4	1.4	-0.2%	14.2	0.54%	5.39%
1365	West Tawakoni	2.7	2.9	1.1	1.3%	14.0	0.11%	1.98%
1364	West University Place	4.8	5.7	1.0	-1.3%	16.4	0.35%	3.54%
1363	Westlake	2.1	2.6	2.3	5.1%	19.6	0.17%	1.65%
1362	Westover Hills	1.7	1.9	1.0	2.3%	17.9	0.13%	1.31%
1366	Westworth Village	3.3	3.6	1.1	2.7%	20.2	0.26%	2.57%
1368	Wharton	3.4	3.8	1.7	-1.2%	16.0	0.25%	2.55%
1370	Wheeler	4.8	5.6	2.0	-3.2%	16.3	0.55%	5.52%
1372	White Deer	1.8	2.3	0.8	-0.9%	15.2	0.26%	2.55%

**Section 8**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**RISKS ASSOCIATED WITH MEASURING THE ACCRUED LIABILITY AND ACTUARIALLY DETERMINED CONTRIBUTION**

City#	CityName	Ratio of MVA to Covered Pay	Ratio of AAL to Covered Pay	Ratio of Actives to Retirees (A/R)	Net Cash Flow as a Percentage of Market Value of Assets	Duration of Liabilities	Change in Contribution Rate with 10% Decline in Assets (Smoothed)	Change in Contribution Rate with 10% Decline in Assets (Unsmoothed)
1377	White Oak	5.6	6.6	1.0	-2.3%	16.2	0.45%	4.46%
1378	White Settlement	4.2	5.6	1.1	-0.8%	17.7	0.33%	3.26%
1374	Whiteface	6.1	5.6	3.0	0.8%	13.6	0.25%	2.54%
1375	Whitehouse	2.5	2.6	2.3	0.7%	21.0	0.19%	1.93%
1376	Whitesboro	3.0	3.3	2.0	0.2%	17.4	0.24%	2.37%
1380	Whitewright	1.6	1.5	2.0	0.6%	19.3	0.07%	0.70%
1382	Whitney	1.4	1.4	1.5	-0.6%	18.6	0.06%	0.94%
1384	Wichita Falls	4.9	6.3	1.3	-1.8%	15.0	0.38%	3.80%
1386	Willis	3.0	3.2	1.7	1.1%	17.7	0.14%	2.16%
1387	Willow Park	1.1	1.2	2.4	9.9%	23.0	0.09%	0.89%
1388	Wills Point	3.7	4.5	1.1	-2.0%	16.5	0.31%	3.13%
1390	Wilmer	1.3	1.4	2.2	4.1%	22.2	0.06%	0.97%
1392	Wimberley	0.9	1.0	2.2	7.0%	22.4	0.07%	0.74%
1393	Windcrest	2.6	3.2	1.1	-0.7%	19.3	0.20%	2.00%
1395	Winfield	1.4	1.4	NA	5.3%	11.3	0.05%	1.07%
1396	Wink	2.2	2.2	3.7	3.7%	16.5	0.09%	1.51%
1398	Winnsboro	3.0	3.7	1.1	-2.1%	16.8	0.23%	2.30%
1399	Winona	4.0	3.1	2.5	-2.4%	14.3	0.17%	1.78%
1400	Winters	5.3	5.7	0.8	-3.2%	15.9	0.41%	4.12%
1403	Wolfforth	1.7	2.4	4.7	2.7%	20.2	0.13%	1.32%
1409	Woodcreek	1.3	1.3	1.5	10.7%	13.6	0.06%	0.55%
1404	Woodsboro	1.8	1.8	3.0	1.8%	19.9	0.07%	1.08%
1406	Woodville	5.3	6.5	1.9	1.2%	17.1	0.40%	4.03%
1407	Woodway	4.5	5.7	1.7	1.7%	18.9	0.36%	3.57%
1408	Wortham	2.7	2.8	1.0	0.9%	21.8	0.11%	2.24%
1410	Wylie	3.3	4.2	2.8	2.9%	21.3	0.25%	2.52%
1412	Yoakum	5.1	6.8	1.1	-3.6%	14.9	0.41%	4.10%
1414	Yorktown	4.0	3.8	0.9	-5.4%	11.9	0.00%	0.70%
1415	Zavalla	2.0	1.7	4.5	-5.8%	18.1	0.08%	0.84%

## **SECTION 9**

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### **INDIVIDUAL CITY REPORTS**

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Abernathy	Abilene	Addison	Agua Dulce	Alamo	Alamo Heights	Alba
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$388,488	\$136,812,417	\$56,939,469	\$97,238	\$6,372,589	\$12,837,972	\$552,639
b. Noncontributing Members	601,183	31,054,001	21,613,360	0	2,409,567	5,212,859	1,909
c. Annuitants	691,773	179,366,770	90,526,002	0	5,547,351	15,941,422	163,279
2. Total Actuarial Accrued Liability	\$1,681,444	\$347,233,188	\$169,078,831	\$97,238	\$14,329,507	\$33,992,253	\$717,827
3. Actuarial Value of Assets	1,581,723	327,125,739	147,481,445	75,337	13,490,817	27,595,007	596,256
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$99,721	\$20,107,449	\$21,597,386	\$21,901	\$838,690	\$6,397,246	\$121,571
5. Funded Ratio: (3) / (2)	94.1%	94.2%	87.2%	77.5%	94.1%	81.2%	83.1%
6. Annual payroll	\$830,498	\$63,241,081	\$25,731,739	\$95,103	\$6,106,677	\$6,460,277	\$264,658
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.63%	7.73%	10.00%	2.15%	4.94%	9.78%	4.61%
Prior Service	0.94%	2.52%	6.95%	7.43%	1.06%	7.06%	8.46%
Full Retirement	3.57%	10.25%	16.95%	9.58%	6.00%	16.84%	13.07%
Supplemental Death Benefit	0.51%	0.47%	0.31%	0.37%	0.30%	0.41%	0.30%
Combined Contribution	4.08%	10.72%	17.26%	9.95%	6.30%	17.25%	13.37%
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)	7.50%	N/A	N/A	N/A	9.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.8 years	17.5 years	16.5 years	3.3 years	18.3 years	20.7 years	6.2 years
Number of Annuitants	8	941	251	0	54	90	2
Number of Active Contributing Members	18	1,049	289	3	149	96	6
Number of Inactive Members	24	836	264	0	168	96	1
Average age of Contributing Members	44.0 years	43.4 years	41.7 years	58.0 years	39.1 years	42.7 years	50.9 years
Average length of service of Contributing Members	5.0 years	9.6 years	10.7 years	10.4 years	7.3 years	12.0 years	12.9 years

	Albany	Aledo	Alice	Allen	Alpine	Alto	Alton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$649,597	\$698,259	\$19,260,487	\$164,454,559	\$3,166,006	\$662,724	\$4,850,849
b. Noncontributing Members	46,373	502,195	3,202,850	36,627,967	932,944	406,152	1,688,304
c. Annuitants	498,791	506,269	23,188,473	99,347,465	3,549,215	402,081	2,975,315
2. Total Actuarial Accrued Liability	\$1,194,761	\$1,706,723	\$45,651,810	\$300,429,991	\$7,648,165	\$1,470,957	\$9,514,468
3. Actuarial Value of Assets	1,137,380	1,630,910	47,770,883	263,628,386	9,425,826	1,541,666	8,810,838
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$57,381	\$75,813	(\$2,119,073)	\$36,801,605	(\$1,777,661)	(\$70,709)	\$703,630
5. Funded Ratio: (3) / (2)	95.2%	95.6%	104.6%	87.8%	123.2%	104.8%	92.6%
6. Annual payroll	\$516,556	\$1,012,839	\$10,870,982	\$60,347,842	\$3,759,832	\$546,857	\$4,769,930
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.68%	10.31%	5.28%	10.86%	3.61%	11.54%	10.64%
Prior Service	0.99%	0.66%	-0.76%	4.33%	-1.84%	-0.50%	1.05%
Full Retirement	4.67%	10.97%	4.52%	15.19%	1.77%	11.04%	11.69%
Supplemental Death Benefit	0.68%	0.39%	0.00%	0.25%	0.37%	0.53%	0.24%
Combined Contribution	5.35%	11.36%	4.52%	15.44%	2.14%	11.57%	11.93%
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)	9.50%	N/A	11.50%	N/A	11.50%	13.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.9 years	15.1 years	N/A	20.7 years	N/A	N/A	20.5 years
Number of Annuitants	11	11	188	346	38	9	27
Number of Active Contributing Members	12	18	220	761	76	13	106
Number of Inactive Members	12	22	81	573	119	22	151
Average age of Contributing Members	50.5 years	44.3 years	45.9 years	44.1 years	41.5 years	43.2 years	39.3 years
Average length of service of Contributing Members	9.4 years	9.1 years	10.2 years	11.3 years	6.6 years	5.8 years	5.7 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Alvarado	Alvin	Alvord	Amarillo	Amherst	Anahuac	Andrews
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,585,002	\$36,031,063	\$101,603	\$206,945,782	\$126,683	\$333,916	\$15,578,538
b. Noncontributing Members	1,464,399	8,027,852	348,568	35,065,897	0	627,116	2,124,056
c. Annuitants	<u>1,431,736</u>	<u>38,946,755</u>	<u>181,228</u>	<u>295,781,819</u>	<u>97,153</u>	<u>305,391</u>	<u>15,993,895</u>
2. Total Actuarial Accrued Liability	\$6,481,137	\$83,005,670	\$631,399	\$537,793,498	\$223,836	\$1,266,423	\$33,696,489
3. Actuarial Value of Assets	<u>6,037,108</u>	<u>72,409,254</u>	<u>631,291</u>	<u>495,952,280</u>	<u>444,610</u>	<u>1,366,537</u>	<u>29,333,856</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$444,029	\$10,596,416	\$108	\$41,841,218	(\$220,774)	(\$100,114)	\$4,362,633
5. Funded Ratio: (3) / (2)	93.1%	87.2%	100.0%	92.2%	198.6%	107.9%	87.1%
6. Annual payroll	\$3,731,523	\$13,617,041	\$361,771	\$95,313,017	\$212,172	\$482,791	\$6,039,609
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.62%	9.80%	5.00%	7.35%	3.97%	8.27%	9.48%
Prior Service	<u>0.88%</u>	<u>7.62%</u>	<u>0.01%</u>	<u>3.95%</u>	<u>-3.97%</u>	<u>-0.81%</u>	<u>6.60%</u>
Full Retirement	6.50%	17.42%	5.01%	11.30%	0.00%	7.46%	16.08%
Supplemental Death Benefit	<u>0.19%</u>	<u>0.31%</u>	<u>0.31%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.36%</u>	<u>0.00%</u>
Combined Contribution	6.69%	17.73%	5.32%	11.30%	0.00%	7.82%	16.08%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.4 years	13.2 years	5.3 years	14.7 years	N/A	N/A	14.4 years
Number of Annuitants	22	150	6	1,358	3	4	38
Number of Active Contributing Members	71	231	6	1,741	6	10	83
Number of Inactive Members	64	277	7	1,381	0	24	39
Average age of Contributing Members	42.4 years	40.7 years	45.3 years	43.4 years	42.4 years	49.7 years	40.8 years
Average length of service of Contributing Members	7.7 years	9.7 years	4.0 years	8.5 years	8.4 years	7.6 years	8.9 years

	Angleton	Anna	Annetta	Anson	Anthony	Aransas Pass	Archer City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,239,296	\$10,968,161	\$143,085	\$945,323	\$1,422,862	\$8,878,850	\$524,333
b. Noncontributing Members	4,063,068	2,386,095	22,678	140,480	325,580	2,226,882	419,103
c. Annuitants	<u>17,277,230</u>	<u>3,604,931</u>	<u>0</u>	<u>371,860</u>	<u>694,825</u>	<u>9,070,610</u>	<u>353,866</u>
2. Total Actuarial Accrued Liability	\$33,579,594	\$16,959,187	\$165,763	\$1,457,663	\$2,443,267	\$20,176,342	\$1,297,302
3. Actuarial Value of Assets	<u>29,946,451</u>	<u>14,649,967</u>	<u>164,341</u>	<u>1,694,938</u>	<u>1,640,933</u>	<u>17,870,369</u>	<u>1,305,262</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,633,143	\$2,309,220	\$1,422	(\$237,275)	\$802,334	\$2,305,973	(\$7,960)
5. Funded Ratio: (3) / (2)	89.2%	86.4%	99.1%	116.3%	67.2%	88.6%	100.6%
6. Annual payroll	\$8,576,701	\$10,880,302	\$220,577	\$962,847	\$1,422,883	\$6,446,217	\$712,290
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.53%	12.74%	7.79%	2.51%	4.50%	7.53%	4.98%
Prior Service	<u>3.30%</u>	<u>1.51%</u>	<u>0.25%</u>	<u>-0.96%</u>	<u>5.79%</u>	<u>2.53%</u>	<u>-0.04%</u>
Full Retirement	11.83%	14.25%	8.04%	1.55%	10.29%	10.06%	4.94%
Supplemental Death Benefit	<u>0.33%</u>	<u>0.16%</u>	<u>0.17%</u>	<u>0.38%</u>	<u>0.21%</u>	<u>0.37%</u>	<u>0.92%</u>
Combined Contribution	12.16%	14.41%	8.21%	1.93%	10.50%	10.43%	5.86%
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	N/A	N/A	9.50%	N/A	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.0 years	20.5 years	2.8 years	N/A	12.4 years	20.8 years	N/A
Number of Annuitants	82	20	0	9	10	56	8
Number of Active Contributing Members	151	154	5	25	36	124	10
Number of Inactive Members	127	73	1	45	29	142	15
Average age of Contributing Members	42.3 years	39.1 years	46.7 years	44.5 years	39.4 years	41.0 years	54.8 years
Average length of service of Contributing Members	8.0 years	8.2 years	6.1 years	8.9 years	6.1 years	7.4 years	10.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Arcola	Argyle	Arlington	Arp	Aspermont	Athens	Atlanta
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$373,376	\$1,579,553	\$588,792,504	\$561,703	\$401,955	\$12,648,605	\$2,236,217
b. Noncontributing Members	109,802	3,037,796	110,411,037	50,119	38,820	4,712,233	431,337
c. Annuitants	15,714	3,134,057	823,022,799	413,239	185,090	25,169,427	2,719,108
2. Total Actuarial Accrued Liability	\$498,892	\$7,751,406	\$1,522,226,340	\$1,025,061	\$625,865	\$42,530,265	\$5,386,662
3. Actuarial Value of Assets	442,336	7,717,625	1,488,581,998	932,342	748,716	35,441,122	5,119,017
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$56,556	\$33,781	\$33,644,342	\$92,719	(\$122,851)	\$7,089,143	\$267,645
5. Funded Ratio: (3) / (2)	88.7%	99.6%	97.8%	91.0%	119.6%	83.3%	95.0%
6. Annual payroll	\$1,092,889	\$2,427,601	\$210,829,283	\$507,345	\$335,314	\$7,987,635	\$1,786,926
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.28%	10.32%	9.58%	8.59%	1.19%	9.32%	5.08%
Prior Service	0.68%	0.10%	1.16%	1.58%	-1.19%	7.58%	1.10%
Full Retirement	2.96%	10.42%	10.74%	10.17%	0.00%	16.90%	6.18%
Supplemental Death Benefit	0.27%	0.00%	0.30%	0.25%	0.48%	0.32%	0.44%
Combined Contribution	3.23%	10.42%	11.04%	10.42%	0.48%	17.22%	6.62%
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	N/A	N/A	13.50%	7.50%	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	9.2 years	20.0 years	19.9 years	15.6 years	N/A	15.8 years	20.7 years
Number of Annuitants	2	23	2,165	5	3	105	26
Number of Active Contributing Members	22	33	2,632	12	7	129	37
Number of Inactive Members	23	46	1,498	12	4	114	24
Average age of Contributing Members	51.0 years	39.7 years	41.6 years	39.9 years	47.3 years	40.8 years	48.3 years
Average length of service of Contributing Members	5.4 years	6.9 years	10.7 years	9.5 years	12.4 years	8.9 years	8.5 years

	Aubrey	Aurora	Avery	Avinger	Azle	Baird	Balch Springs
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,458,871	\$14,683	\$8,732	\$135,850	\$24,153,675	\$160,519	\$27,724,136
b. Noncontributing Members	2,158,767	0	0	15,927	4,735,369	322,252	4,915,507
c. Annuitants	1,197,024	0	0	0	11,533,154	256,100	21,828,981
2. Total Actuarial Accrued Liability	\$6,814,662	\$14,683	\$8,732	\$151,777	\$40,422,198	\$738,871	\$54,468,624
3. Actuarial Value of Assets	6,950,078	863	6,635	171,347	31,391,227	866,257	45,035,398
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$135,416)	\$13,820	\$2,097	(\$19,570)	\$9,030,971	(\$127,386)	\$9,433,226
5. Funded Ratio: (3) / (2)	102.0%	5.9%	76.0%	112.9%	77.7%	117.2%	82.7%
6. Annual payroll	\$5,803,596	\$46,531	\$91,886	\$45,811	\$9,291,420	\$470,583	\$11,719,089
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.72%	7.95%	1.12%	3.44%	10.05%	1.95%	9.41%
Prior Service	-0.09%	5.61%	0.38%	-1.66%	7.44%	-1.05%	5.70%
Full Retirement	5.63%	13.56%	1.50%	1.78%	17.49%	0.90%	15.11%
Supplemental Death Benefit	0.17%	0.17%	0.05%	0.73%	0.27%	0.62%	0.27%
Combined Contribution	5.80%	13.73%	1.55%	2.51%	17.76%	1.52%	15.38%
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)	13.50%	N/A	N/A	9.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	6.0 years	7.0 years	N/A	18.5 years	N/A	20.7 years
Number of Annuitants	25	0	0	0	99	5	128
Number of Active Contributing Members	88	1	2	1	138	9	164
Number of Inactive Members	108	0	0	2	138	11	133
Average age of Contributing Members	37.9 years	53.4 years	32.2 years	69.0 years	41.3 years	51.0 years	42.5 years
Average length of service of Contributing Members	7.3 years	8.0 years	1.6 years	23.1 years	10.0 years	4.0 years	9.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Balcones Heights	Ballinger	Balmorhea	Bandera	Bangs	Bartlett	Bartonville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$6,860,365	\$1,906,684	\$49,450	\$667,800	\$806,721	\$939,032	\$402,871
b. Noncontributing Members	2,353,832	210,389	2,344	628,598	643,827	452,295	512,805
c. Annuitants	9,497,961	3,726,926	0	2,073,760	940,491	498,208	672,465
2. Total Actuarial Accrued Liability	\$18,712,158	\$5,843,999	\$51,794	\$3,370,158	\$2,391,039	\$1,889,535	\$1,588,141
3. Actuarial Value of Assets	18,282,860	4,215,097	69,467	3,412,259	2,540,624	1,987,245	1,325,543
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$429,298	\$1,628,902	(\$17,673)	(\$42,101)	(\$149,585)	(\$97,710)	\$262,598
5. Funded Ratio: (3) / (2)	97.7%	72.1%	134.1%	101.2%	106.3%	105.2%	83.5%
6. Annual payroll	\$3,366,708	\$1,603,801	\$39,066	\$863,390	\$494,521	\$834,699	\$595,375
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.93%	9.72%	1.73%	9.83%	11.39%	8.12%	7.06%
Prior Service	0.98%	7.90%	-1.73%	-0.19%	-1.18%	-0.46%	6.61%
Full Retirement	10.91%	17.62%	0.00%	9.64%	10.21%	7.66%	13.67%
Supplemental Death Benefit	0.43%	0.50%	0.17%	0.54%	0.44%	0.42%	0.22%
Combined Contribution	11.34%	18.12%	0.17%	10.18%	10.65%	8.08%	13.89%
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	N/A	N/A	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.4 years	18.0 years	N/A	N/A	N/A	N/A	7.8 years
Number of Annuitants	61	29	0	17	10	9	8
Number of Active Contributing Members	51	38	1	19	16	16	10
Number of Inactive Members	53	28	1	37	24	33	16
Average age of Contributing Members	45.1 years	42.7 years	53.2 years	45.5 years	51.9 years	47.7 years	42.9 years
Average length of service of Contributing Members	12.6 years	5.9 years	14.3 years	5.2 years	5.4 years	6.6 years	5.7 years

	Bastrop	Bay City	Bayou Vista	Baytown	Beaumont	Bedford	Bee Cave
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$14,977,232	\$12,532,420	\$173,194	\$211,209,544	\$228,076,853	\$46,447,900	\$6,325,780
b. Noncontributing Members	3,112,417	4,265,302	132,314	28,603,789	27,067,387	13,264,756	2,353,893
c. Annuitants	11,258,907	25,655,655	232,359	206,638,741	327,473,465	19,890,395	1,407,721
2. Total Actuarial Accrued Liability	\$29,348,556	\$42,453,377	\$537,867	\$446,452,074	\$582,617,705	\$79,603,051	\$10,087,394
3. Actuarial Value of Assets	27,338,682	38,578,769	594,833	372,443,434	502,891,744	48,719,000	9,230,073
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$2,009,874	\$3,874,608	(\$56,966)	\$74,008,640	\$79,725,961	\$30,884,051	\$857,321
5. Funded Ratio: (3) / (2)	93.2%	90.9%	110.6%	83.4%	86.3%	61.2%	91.5%
6. Annual payroll	\$9,278,394	\$8,756,086	\$446,145	\$73,583,079	\$70,073,592	\$25,235,294	\$4,050,336
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.42%	5.97%	3.50%	10.22%	9.92%	7.54%	8.16%
Prior Service	1.53%	3.97%	-0.50%	8.40%	11.12%	9.46%	1.55%
Full Retirement	9.95%	9.94%	3.00%	18.62%	21.04%	17.00%	9.71%
Supplemental Death Benefit	0.27%	0.42%	0.34%	0.25%	0.00%	0.16%	0.23%
Combined Contribution	10.22%	10.36%	3.34%	18.87%	21.04%	17.16%	9.94%
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)	12.50%	11.50%	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.8 years	14.9 years	N/A	16.3 years	13.3 years	18.2 years	19.6 years
Number of Annuitants	73	132	7	559	989	122	10
Number of Active Contributing Members	149	157	9	896	1,023	323	54
Number of Inactive Members	110	122	14	456	550	267	47
Average age of Contributing Members	43.5 years	41.7 years	47.4 years	41.0 years	44.9 years	41.2 years	43.3 years
Average length of service of Contributing Members	8.8 years	8.5 years	5.1 years	10.5 years	10.8 years	11.4 years	7.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Beeville	Bellaire	Bellmead	Bells	Bellville	Belton	Benbrook
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,285,333	\$35,897,658	\$6,623,466	\$255,829	\$5,990,948	\$17,224,695	\$33,220,963
b. Noncontributing Members	1,625,148	8,409,428	3,127,935	122,042	1,253,209	4,044,291	4,989,932
c. Annuitants	<u>5,467,827</u>	<u>57,577,510</u>	<u>7,844,390</u>	<u>83,554</u>	<u>7,795,172</u>	<u>12,342,588</u>	<u>35,623,127</u>
2. Total Actuarial Accrued Liability	\$12,378,308	\$101,884,596	\$17,595,791	\$461,425	\$15,039,329	\$33,611,574	\$73,834,022
3. Actuarial Value of Assets	<u>15,242,887</u>	<u>86,505,571</u>	<u>17,521,642</u>	<u>557,904</u>	<u>12,033,520</u>	<u>29,449,153</u>	<u>66,818,015</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$2,864,579)	\$15,379,025	\$74,149	(\$96,479)	\$3,005,809	\$4,162,421	\$7,016,007
5. Funded Ratio: (3) / (2)	123.1%	84.9%	99.6%	120.9%	80.0%	87.6%	90.5%
6. Annual payroll	\$4,950,194	\$12,184,389	\$4,142,989	\$487,256	\$2,722,550	\$10,228,831	\$10,862,384
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.49%	11.12%	11.95%	4.91%	6.50%	7.71%	11.80%
Prior Service	<u>-2.25%</u>	<u>11.00%</u>	<u>0.13%</u>	<u>-0.77%</u>	<u>11.02%</u>	<u>2.99%</u>	<u>5.27%</u>
Full Retirement	1.24%	22.12%	12.08%	4.14%	17.52%	10.70%	17.07%
Supplemental Death Benefit	<u>0.00%</u>	<u>0.39%</u>	<u>0.34%</u>	<u>0.32%</u>	<u>0.52%</u>	<u>0.34%</u>	<u>0.29%</u>
Combined Contribution	1.24%	22.51%	12.42%	4.46%	18.04%	11.04%	17.36%
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	13.50%	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.4 years	20.0 years	N/A	13.0 years	19.6 years	16.8 years
Number of Annuitants	80	155	38	6	46	96	92
Number of Active Contributing Members	101	152	77	11	50	177	121
Number of Inactive Members	78	149	101	15	42	168	84
Average age of Contributing Members	45.0 years	44.1 years	44.0 years	46.3 years	44.6 years	42.7 years	41.4 years
Average length of service of Contributing Members	9.1 years	11.8 years	9.2 years	11.4 years	10.7 years	11.0 years	12.6 years

	Benjamin	Berryville	Bertram	Beverly Hills	Big Lake	Big Sandy	Big Spring
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$65,350	\$109,957	\$444,665	\$7,954	\$5,003,632	\$100,741	\$24,743,273
b. Noncontributing Members	0	0	269,297	293	893,405	81,051	4,426,482
c. Annuitants	<u>0</u>	<u>118,081</u>	<u>182,124</u>	<u>0</u>	<u>3,285,621</u>	<u>830,969</u>	<u>38,724,555</u>
2. Total Actuarial Accrued Liability	\$65,350	\$228,038	\$896,086	\$8,247	\$9,182,658	\$1,012,761	\$67,894,310
3. Actuarial Value of Assets	<u>6,593</u>	<u>237,954</u>	<u>935,184</u>	<u>11,542</u>	<u>6,947,644</u>	<u>970,804</u>	<u>56,784,814</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$58,757	(\$9,916)	(\$39,098)	(\$3,295)	\$2,235,014	\$41,957	\$11,109,496
5. Funded Ratio: (3) / (2)	10.1%	104.3%	104.4%	140.0%	75.7%	95.9%	83.6%
6. Annual payroll	\$131,561	\$144,617	\$940,275	\$859,337	\$1,572,936	\$459,213	\$10,406,511
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.68%	2.69%	4.60%	2.09%	7.93%	4.71%	8.74%
Prior Service	<u>6.57%</u>	<u>-0.27%</u>	<u>-0.16%</u>	<u>-0.01%</u>	<u>11.91%</u>	<u>1.76%</u>	<u>9.74%</u>
Full Retirement	11.25%	2.42%	4.44%	2.08%	19.84%	6.47%	18.48%
Supplemental Death Benefit	<u>1.30%</u>	<u>0.68%</u>	<u>0.00%</u>	<u>0.15%</u>	<u>0.35%</u>	<u>0.66%</u>	<u>0.50%</u>
Combined Contribution	12.55%	3.10%	4.44%	2.23%	20.19%	7.13%	18.98%
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	9.50%	11.50%	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	8.0 years	N/A	N/A	N/A	16.2 years	5.9 years	15.3 years
Number of Annuitants	0	3	6	0	11	9	172
Number of Active Contributing Members	3	3	20	15	28	9	177
Number of Inactive Members	0	0	18	2	7	18	96
Average age of Contributing Members	51.8 years	54.5 years	42.9 years	42.7 years	45.3 years	42.6 years	42.7 years
Average length of service of Contributing Members	4.1 years	7.0 years	7.2 years	7.8 years	9.4 years	4.0 years	7.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Bishop	Blanco	Blooming Grove	Blossom	Blue Mound	Blue Ridge	Boerne
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,021,673	\$437,656	\$390,933	\$594,246	\$327,901	\$146,637	\$48,811,467
b. Noncontributing Members	141,923	486,850	105,293	76,964	498,289	85,773	6,406,136
c. Annuitants	1,802,447	358,157	148,600	311,984	295,672	11,003	40,415,250
2. Total Actuarial Accrued Liability	\$2,966,043	\$1,282,663	\$644,826	\$983,194	\$1,121,862	\$243,413	\$95,632,853
3. Actuarial Value of Assets	2,907,873	1,442,138	586,323	1,028,148	1,236,137	295,973	75,159,507
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$58,170	(\$159,475)	\$58,503	(\$44,954)	(\$114,275)	(\$52,560)	\$20,473,346
5. Funded Ratio: (3) / (2)	98.0%	112.4%	90.9%	104.6%	110.2%	121.6%	78.6%
6. Annual payroll	\$929,348	\$1,080,505	\$169,980	\$227,268	\$1,228,879	\$277,936	\$19,054,921
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.24%	6.63%	6.79%	5.60%	5.97%	2.51%	11.63%
Prior Service	0.45%	-0.57%	5.85%	-0.77%	-0.36%	-0.74%	7.60%
Full Retirement	3.69%	6.06%	12.64%	4.83%	5.61%	1.77%	19.23%
Supplemental Death Benefit	0.56%	0.28%	0.40%	0.89%	0.25%	0.28%	0.28%
Combined Contribution	4.25%	6.34%	13.04%	5.72%	5.86%	2.05%	19.51%
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%	13.50%	N/A	11.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.0 years	N/A	6.8 years	N/A	N/A	N/A	20.7 years
Number of Annuitants	21	9	2	3	11	1	121
Number of Active Contributing Members	23	17	5	5	15	6	282
Number of Inactive Members	23	35	4	1	48	5	135
Average age of Contributing Members	46.5 years	44.0 years	47.8 years	51.7 years	36.9 years	42.5 years	43.1 years
Average length of service of Contributing Members	10.5 years	5.3 years	13.7 years	12.9 years	7.5 years	4.2 years	9.7 years

	Bogata	Bonham	Booker	Borger	Bovina	Bowie	Boyd
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$125,640	\$11,595,146	\$1,033,893	\$22,144,706	\$231,562	\$9,352,705	\$393,615
b. Noncontributing Members	148,081	3,251,001	242,220	2,613,801	94,996	2,029,001	537,109
c. Annuitants	81,378	8,572,094	150,645	31,995,612	111,462	8,900,497	561,218
2. Total Actuarial Accrued Liability	\$355,099	\$23,418,241	\$1,426,758	\$56,754,119	\$438,020	\$20,282,203	\$1,491,942
3. Actuarial Value of Assets	473,641	21,459,221	1,365,786	49,839,275	515,404	19,122,325	1,547,811
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$118,542)	\$1,959,020	\$60,972	\$6,914,844	(\$77,384)	\$1,159,878	(\$55,869)
5. Funded Ratio: (3) / (2)	133.4%	91.6%	95.7%	87.8%	117.7%	94.3%	103.7%
6. Annual payroll	\$266,916	\$6,240,567	\$547,663	\$9,444,433	\$402,587	\$4,355,574	\$1,016,682
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.54%	6.56%	5.38%	9.51%	1.27%	7.30%	3.37%
Prior Service	-1.54%	2.64%	1.10%	5.71%	-0.75%	2.23%	-0.21%
Full Retirement	0.00%	9.20%	6.48%	15.22%	0.52%	9.53%	3.16%
Supplemental Death Benefit	0.57%	0.00%	0.47%	0.49%	0.61%	0.60%	0.00%
Combined Contribution	0.57%	9.20%	6.95%	15.71%	1.13%	10.13%	3.16%
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)	7.50%	12.50%	9.50%	N/A	7.50%	11.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.1 years	13.4 years	18.0 years	N/A	17.6 years	N/A
Number of Annuitants	3	71	2	111	3	74	9
Number of Active Contributing Members	5	114	9	160	10	86	18
Number of Inactive Members	11	166	10	74	14	76	24
Average age of Contributing Members	44.5 years	43.6 years	49.4 years	41.4 years	43.9 years	47.3 years	35.8 years
Average length of service of Contributing Members	8.9 years	9.7 years	11.5 years	8.6 years	7.0 years	10.4 years	4.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Brady	Brazoria	Breckenridge	Bremond	Brenham	Bridge City	Bridgeport
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,568,720	\$2,080,283	\$2,305,945	\$821,635	\$27,465,051	\$8,569,227	\$6,989,945
b. Noncontributing Members	2,926,962	663,664	724,953	207,316	6,758,357	1,942,492	3,191,637
c. Annuitants	<u>4,300,931</u>	<u>2,481,648</u>	<u>6,003,852</u>	<u>15,841</u>	<u>33,997,150</u>	<u>16,895,573</u>	<u>7,177,182</u>
2. Total Actuarial Accrued Liability	\$14,796,613	\$5,225,595	\$9,034,750	\$1,044,792	\$68,220,558	\$27,407,292	\$17,358,764
3. Actuarial Value of Assets	<u>13,915,300</u>	<u>5,616,097</u>	<u>8,565,131</u>	<u>1,013,271</u>	<u>53,635,622</u>	<u>22,040,900</u>	<u>14,871,424</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$881,313	(\$390,502)	\$469,619	\$31,521	\$14,584,936	\$5,366,392	\$2,487,340
5. Funded Ratio: (3) / (2)	94.0%	107.5%	94.8%	97.0%	78.6%	80.4%	85.7%
6. Annual payroll	\$4,884,950	\$1,285,635	\$2,230,293	\$250,307	\$12,844,894	\$4,004,300	\$4,390,060
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.22%	6.32%	4.84%	6.68%	6.59%	10.24%	9.93%
Prior Service	<u>1.33%</u>	<u>-1.18%</u>	<u>1.56%</u>	<u>6.18%</u>	<u>11.14%</u>	<u>9.68%</u>	<u>4.34%</u>
Full Retirement	9.55%	5.14%	6.40%	12.86%	17.73%	19.92%	14.27%
Supplemental Death Benefit	<u>0.47%</u>	<u>0.46%</u>	<u>0.43%</u>	<u>1.09%</u>	<u>0.00%</u>	<u>0.46%</u>	<u>0.29%</u>
Combined Contribution	10.02%	5.60%	6.83%	13.95%	17.73%	20.38%	14.56%
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)	12.50%	11.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.4 years	N/A	20.8 years	2.2 years	13.1 years	20.1 years	20.8 years
Number of Annuitants	62	23	55	1	161	59	51
Number of Active Contributing Members	95	27	56	6	195	57	82
Number of Inactive Members	122	25	61	13	183	28	92
Average age of Contributing Members	46.9 years	39.5 years	42.8 years	55.9 years	43.2 years	45.7 years	42.0 years
Average length of service of Contributing Members	8.4 years	8.6 years	7.9 years	16.5 years	11.3 years	9.7 years	8.4 years

	Bronte	Brookshire	Brownfield	Brownsboro	Brownsville	Brownsville PUB	Brownwood
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$434,333	\$4,051,259	\$7,422,277	\$241,848	\$214,480,310	\$113,462,604	\$22,661,392
b. Noncontributing Members	16,764	2,135,905	602,746	46,239	18,390,407	11,084,969	5,874,219
c. Annuitants	<u>141,035</u>	<u>2,085,010</u>	<u>11,333,663</u>	<u>197,161</u>	<u>232,732,635</u>	<u>106,894,930</u>	<u>35,568,516</u>
2. Total Actuarial Accrued Liability	\$592,132	\$8,272,174	\$19,358,686	\$485,248	\$465,603,352	\$231,442,503	\$64,104,127
3. Actuarial Value of Assets	<u>542,082</u>	<u>7,705,208</u>	<u>23,370,735</u>	<u>245,383</u>	<u>414,665,083</u>	<u>199,048,633</u>	<u>56,429,942</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$50,050	\$566,966	(\$4,012,049)	\$239,865	\$50,938,269	\$32,393,870	\$7,674,185
5. Funded Ratio: (3) / (2)	91.5%	93.1%	120.7%	50.6%	89.1%	86.0%	88.0%
6. Annual payroll	\$195,158	\$2,375,713	\$4,235,546	\$318,877	\$68,607,478	\$32,799,607	\$10,959,102
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.30%	7.22%	5.40%	2.13%	10.85%	10.36%	8.79%
Prior Service	<u>6.37%</u>	<u>1.76%</u>	<u>-3.69%</u>	<u>9.15%</u>	<u>7.25%</u>	<u>7.99%</u>	<u>5.67%</u>
Full Retirement	8.67%	8.98%	1.71%	11.28%	18.10%	18.35%	14.46%
Supplemental Death Benefit	<u>0.41%</u>	<u>0.33%</u>	<u>0.00%</u>	<u>0.99%</u>	<u>0.34%</u>	<u>0.38%</u>	<u>0.00%</u>
Combined Contribution	9.08%	9.31%	1.71%	12.27%	18.44%	18.73%	14.46%
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	12.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	4.5 years	19.5 years	N/A	10.0 years	13.2 years	17.1 years	17.0 years
Number of Annuitants	1	16	56	1	760	350	174
Number of Active Contributing Members	5	38	85	7	1,078	573	224
Number of Inactive Members	1	45	37	4	462	144	101
Average age of Contributing Members	55.5 years	45.8 years	43.0 years	58.3 years	42.7 years	43.5 years	43.2 years
Average length of service of Contributing Members	14.1 years	8.0 years	9.1 years	8.8 years	11.0 years	11.5 years	8.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Brownwood Health Dept.	Brownwood Public Library	Bruceville-Eddy	Bryan	Bryson	Buda	Buffalo
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,000,458	\$200,523	\$536,456	\$206,106,314	\$54,800	\$10,940,579	\$352,784
b. Noncontributing Members	178,717	4,198	515,749	32,423,389	132,832	3,085,210	256,727
c. Annuitants	711,057	19,352	379,879	199,139,199	283,375	5,656,609	1,046,897
2. Total Actuarial Accrued Liability	\$1,890,232	\$224,073	\$1,432,084	\$437,668,902	\$471,007	\$19,682,398	\$1,656,408
3. Actuarial Value of Assets	1,773,769	448,329	1,561,975	432,759,341	695,394	17,266,441	1,759,262
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$116,463	(\$224,256)	(\$129,891)	\$4,909,561	(\$224,387)	\$2,415,957	(\$102,854)
5. Funded Ratio: (3) / (2)	93.8%	200.1%	109.1%	98.9%	147.6%	87.7%	106.2%
6. Annual payroll	\$873,473	\$130,301	\$603,294	\$70,882,384	\$101,869	\$8,471,010	\$662,138
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.27%	5.42%	5.60%	8.96%	7.04%	10.78%	4.48%
Prior Service	1.34%	-5.42%	-0.84%	0.50%	-7.04%	2.02%	-0.60%
Full Retirement	9.61%	0.00%	4.76%	9.46%	0.00%	12.80%	3.88%
Supplemental Death Benefit	0.00%	0.00%	0.39%	0.00%	0.00%	0.23%	0.59%
Combined Contribution	9.61%	0.00%	5.15%	9.46%	0.00%	13.03%	4.47%
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%	11.50%	N/A	13.50%	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	12.8 years	N/A	N/A	20.0 years	N/A	20.7 years	N/A
Number of Annuitants	12	2	6	723	1	28	13
Number of Active Contributing Members	21	6	17	902	3	126	19
Number of Inactive Members	3	3	27	523	4	104	11
Average age of Contributing Members	46.7 years	64.3 years	41.0 years	41.8 years	51.8 years	42.4 years	47.1 years
Average length of service of Contributing Members	6.9 years	10.7 years	6.6 years	11.4 years	4.0 years	6.7 years	4.0 years

	Bullard	Bulverde	Bunker Hill Village	Burkburnett	Burleson	Burnet	Byers
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,274,479	\$1,677,430	\$2,745,886	\$6,691,545	\$69,475,971	\$12,337,244	\$38,737
b. Noncontributing Members	199,678	1,276,481	271,344	2,424,771	15,160,520	4,197,467	5,848
c. Annuitants	1,210,872	1,239,296	1,266,405	7,934,493	60,811,825	15,836,392	0
2. Total Actuarial Accrued Liability	\$3,685,029	\$4,193,207	\$4,283,635	\$17,050,809	\$145,448,316	\$32,371,103	\$44,585
3. Actuarial Value of Assets	2,751,493	4,007,164	4,185,017	15,704,812	118,520,134	28,858,325	22,692
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$933,536	\$186,043	\$98,618	\$1,345,997	\$26,928,182	\$3,512,778	\$21,893
5. Funded Ratio: (3) / (2)	74.7%	95.6%	97.7%	92.1%	81.5%	89.1%	50.9%
6. Annual payroll	\$1,541,611	\$1,976,491	\$802,566	\$3,595,408	\$31,210,848	\$8,224,982	\$87,470
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.29%	8.35%	9.47%	7.85%	11.29%	9.52%	1.90%
Prior Service	4.49%	0.72%	1.50%	2.89%	6.15%	3.00%	4.67%
Full Retirement	12.78%	9.07%	10.97%	10.74%	17.44%	12.52%	6.57%
Supplemental Death Benefit	0.32%	0.24%	0.35%	0.47%	0.23%	0.27%	0.49%
Combined Contribution	13.10%	9.31%	11.32%	11.21%	17.67%	12.79%	7.06%
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	N/A	N/A	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.3 years	18.5 years	10.1 years	18.3 years	20.5 years	21.0 years	6.1 years
Number of Annuitants	8	14	5	63	201	75	0
Number of Active Contributing Members	31	30	8	72	393	134	3
Number of Inactive Members	15	39	8	48	211	85	1
Average age of Contributing Members	43.6 years	42.7 years	52.7 years	41.5 years	40.5 years	40.1 years	48.5 years
Average length of service of Contributing Members	10.1 years	7.8 years	16.7 years	8.6 years	9.9 years	7.6 years	5.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Cactus	Caddo Mills	Caldwell	Callisburg	Calvert	Cameron	Campbell
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,844,646	\$796,066	\$6,125,172	\$12,960	\$291,872	\$3,038,584	\$151,909
b. Noncontributing Members	501,148	161,703	903,142	0	78,048	655,065	0
c. Annuitants	<u>581,920</u>	<u>138,936</u>	<u>6,101,563</u>	<u>0</u>	<u>306,831</u>	<u>3,266,500</u>	<u>50,093</u>
2. Total Actuarial Accrued Liability	\$3,927,714	\$1,096,705	\$13,129,877	\$12,960	\$676,751	\$6,960,149	\$202,002
3. Actuarial Value of Assets	<u>3,103,862</u>	<u>1,062,649</u>	<u>12,898,440</u>	<u>11,711</u>	<u>497,327</u>	<u>5,759,266</u>	<u>186,688</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$823,852	\$34,056	\$231,437	\$1,249	\$179,424	\$1,200,883	\$15,314
5. Funded Ratio: (3) / (2)	79.0%	96.9%	98.2%	90.4%	73.5%	82.7%	92.4%
6. Annual payroll	\$2,829,567	\$1,253,146	\$2,786,228	\$62,975	\$487,433	\$2,086,044	\$64,195
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.29%	5.47%	6.60%	6.81%	10.79%	7.52%	1.26%
Prior Service	<u>2.24%</u>	<u>0.25%</u>	<u>1.05%</u>	<u>0.44%</u>	<u>3.03%</u>	<u>4.53%</u>	<u>21.85%</u>
Full Retirement	9.53%	5.72%	7.65%	7.25%	13.82%	12.05%	23.11%
Supplemental Death Benefit	<u>0.28%</u>	<u>0.24%</u>	<u>0.60%</u>	<u>0.14%</u>	<u>0.58%</u>	<u>0.40%</u>	<u>0.25%</u>
Combined Contribution	9.81%	5.96%	8.25%	7.39%	14.40%	12.45%	23.36%
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)	13.50%	N/A	11.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.4 years	14.0 years	9.6 years	5.0 years	16.6 years	18.1 years	1.1 years
Number of Annuitants	11	3	33	0	8	38	1
Number of Active Contributing Members	50	24	64	1	13	47	2
Number of Inactive Members	55	18	37	0	23	40	0
Average age of Contributing Members	38.1 years	42.5 years	50.7 years	51.5 years	48.8 years	44.5 years	49.5 years
Average length of service of Contributing Members	4.4 years	7.7 years	12.1 years	8.3 years	4.4 years	9.1 years	14.8 years

	Canadian	Caney City	Canton	Canyon	Carmine	Carrizo Springs	Carrollton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,210,576	\$36,429	\$8,957,047	\$13,291,786	\$175,211	\$1,785,417	\$173,652,997
b. Noncontributing Members	252,772	16,719	1,779,833	4,930,636	0	543,362	66,511,476
c. Annuitants	<u>3,111,122</u>	<u>0</u>	<u>4,448,490</u>	<u>20,859,211</u>	<u>908</u>	<u>2,920,538</u>	<u>275,055,659</u>
2. Total Actuarial Accrued Liability	\$6,574,470	\$53,148	\$15,185,370	\$39,081,633	\$176,119	\$5,249,317	\$515,220,132
3. Actuarial Value of Assets	<u>4,986,424</u>	<u>69,316</u>	<u>13,769,001</u>	<u>35,846,006</u>	<u>234,112</u>	<u>5,334,225</u>	<u>493,679,920</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,588,046	(\$16,168)	\$1,416,369	\$3,235,627	(\$57,993)	(\$84,908)	\$21,540,212
5. Funded Ratio: (3) / (2)	75.8%	130.4%	90.7%	91.7%	132.9%	101.6%	95.8%
6. Annual payroll	\$1,131,481	\$155,984	\$3,952,238	\$7,455,167	\$70,367	\$1,862,642	\$67,868,310
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.62%	2.57%	8.62%	10.04%	2.81%	4.56%	8.36%
Prior Service	<u>9.88%</u>	<u>-0.40%</u>	<u>2.67%</u>	<u>3.76%</u>	<u>-2.81%</u>	<u>-0.18%</u>	<u>3.26%</u>
Full Retirement	19.50%	2.17%	11.29%	13.80%	0.00%	4.38%	11.62%
Supplemental Death Benefit	<u>0.42%</u>	<u>0.24%</u>	<u>0.44%</u>	<u>0.30%</u>	<u>0.12%</u>	<u>0.57%</u>	<u>0.00%</u>
Combined Contribution	19.92%	2.41%	11.73%	14.10%	0.12%	4.95%	11.62%
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	N/A	N/A	N/A	7.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.9 years	N/A	19.2 years	15.5 years	N/A	N/A	12.5 years
Number of Annuitants	13	0	34	64	1	27	812
Number of Active Contributing Members	20	4	84	118	2	53	843
Number of Inactive Members	4	12	55	50	0	30	761
Average age of Contributing Members	45.1 years	51.0 years	47.9 years	41.8 years	44.9 years	47.3 years	40.6 years
Average length of service of Contributing Members	11.9 years	8.3 years	9.9 years	8.4 years	19.0 years	6.7 years	10.2 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Carthage	Castle Hills	Castroville	Cedar Hill	Cedar Park	Celeste	Celina
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$16,404,552	\$7,409,625	\$1,854,283	\$76,262,788	\$100,870,458	\$17,500	\$14,187,438
b. Noncontributing Members	1,908,440	2,378,208	1,654,798	13,643,990	19,271,806	100,159	4,559,746
c. Annuitants	<u>21,080,437</u>	<u>12,833,696</u>	<u>3,974,204</u>	<u>57,353,904</u>	<u>37,723,580</u>	<u>23,305</u>	<u>1,890,038</u>
2. Total Actuarial Accrued Liability	\$39,393,429	\$22,621,529	\$7,483,285	\$147,260,682	\$157,865,844	\$140,964	\$20,637,222
3. Actuarial Value of Assets	<u>33,224,466</u>	<u>20,494,046</u>	<u>6,858,940</u>	<u>126,711,705</u>	<u>122,749,207</u>	<u>143,831</u>	<u>16,446,970</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$6,168,963	\$2,127,483	\$624,345	\$20,548,977	\$35,116,637	(\$2,867)	\$4,190,252
5. Funded Ratio: (3) / (2)	84.3%	90.6%	91.7%	86.0%	77.8%	102.0%	79.7%
6. Annual payroll	\$4,694,067	\$3,766,650	\$2,746,064	\$27,212,894	\$38,785,845	\$137,930	\$17,070,156
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.38%	8.40%	6.85%	9.93%	10.57%	2.54%	10.07%
Prior Service	<u>12.10%</u>	<u>4.45%</u>	<u>1.62%</u>	<u>5.69%</u>	<u>6.73%</u>	<u>-0.08%</u>	<u>1.86%</u>
Full Retirement	21.48%	12.85%	8.47%	15.62%	17.30%	2.46%	11.93%
Supplemental Death Benefit	<u>0.57%</u>	<u>0.45%</u>	<u>0.51%</u>	<u>0.26%</u>	<u>0.22%</u>	<u>0.84%</u>	<u>0.17%</u>
Combined Contribution	22.05%	13.30%	8.98%	15.88%	17.52%	3.30%	12.10%
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	N/A	11.50%	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.8 years	17.7 years	20.4 years	18.9 years	19.3 years	N/A	18.8 years
Number of Annuitants	66	60	45	226	193	2	27
Number of Active Contributing Members	74	54	53	340	508	3	227
Number of Inactive Members	43	62	61	193	344	7	147
Average age of Contributing Members	46.6 years	43.8 years	45.0 years	42.0 years	41.5 years	58.5 years	40.1 years
Average length of service of Contributing Members	12.5 years	11.2 years	5.4 years	11.4 years	10.6 years	1.7 years	8.3 years

	Center	Centerville	Chandler	Charlotte	Chester	Chico	Childress
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,555,732	\$1,145,049	\$797,793	\$491,384	\$1,377	\$155,564	\$5,599,425
b. Noncontributing Members	1,225,716	58,890	231,182	125,604	258,396	18,568	795,542
c. Annuitants	<u>7,084,566</u>	<u>118,722</u>	<u>596,654</u>	<u>71,025</u>	<u>371,260</u>	<u>340,349</u>	<u>5,556,005</u>
2. Total Actuarial Accrued Liability	\$16,866,014	\$1,322,661	\$1,625,629	\$688,013	\$631,033	\$514,481	\$11,950,972
3. Actuarial Value of Assets	<u>16,243,068</u>	<u>1,292,849</u>	<u>1,344,201</u>	<u>892,612</u>	<u>707,858</u>	<u>474,821</u>	<u>9,528,593</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$622,946	\$29,812	\$281,428	(\$204,599)	(\$76,825)	\$39,660	\$2,422,379
5. Funded Ratio: (3) / (2)	96.3%	97.7%	82.7%	129.7%	112.2%	92.3%	79.7%
6. Annual payroll	\$3,641,289	\$261,633	\$1,494,276	\$615,389	\$34,248	\$211,838	\$2,315,173
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.82%	6.65%	7.11%	4.70%	7.05%	2.18%	9.36%
Prior Service	<u>1.32%</u>	<u>6.26%</u>	<u>2.01%</u>	<u>-1.29%</u>	<u>-7.05%</u>	<u>2.87%</u>	<u>7.40%</u>
Full Retirement	11.14%	12.91%	9.12%	3.41%	0.00%	5.05%	16.76%
Supplemental Death Benefit	<u>0.39%</u>	<u>0.00%</u>	<u>0.44%</u>	<u>0.25%</u>	<u>2.28%</u>	<u>1.30%</u>	<u>0.67%</u>
Combined Contribution	11.53%	12.91%	9.56%	3.66%	2.28%	6.35%	17.43%
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	N/A	N/A	9.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.3 years	1.9 years	11.8 years	N/A	N/A	7.8 years	20.8 years
Number of Annuitants	46	1	9	1	2	8	46
Number of Active Contributing Members	74	6	30	14	1	6	56
Number of Inactive Members	38	1	19	12	3	2	45
Average age of Contributing Members	44.1 years	58.7 years	52.3 years	47.1 years	47.3 years	57.2 years	48.7 years
Average length of service of Contributing Members	9.2 years	16.4 years	7.6 years	4.6 years	0.8 years	7.0 years	8.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Chillicothe	Chireno	Christine	Cibolo	Cisco	Clarendon	Clarksville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$164,088	\$1,345,067	\$977	\$13,228,766	\$1,250,793	\$544,284	\$653,673
b. Noncontributing Members	139,249	4,088	32,044	3,331,432	524,455	64,316	743,823
c. Annuitants	0	1,014,564	12,488	7,235,538	3,047,005	432,347	1,819,076
2. Total Actuarial Accrued Liability	\$303,337	\$2,363,719	\$45,509	\$23,795,736	\$4,822,253	\$1,040,947	\$3,216,572
3. Actuarial Value of Assets	341,140	1,848,937	64,536	21,281,598	4,612,983	1,214,399	4,124,382
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$37,803)	\$514,782	(\$19,027)	\$2,514,138	\$209,270	(\$173,452)	(\$907,810)
5. Funded Ratio: (3) / (2)	112.5%	78.2%	141.8%	89.4%	95.7%	116.7%	128.2%
6. Annual payroll	\$288,737	\$381,577	\$43,806	\$9,845,337	\$1,648,649	\$453,890	\$737,103
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.30%	10.37%	0.73%	10.92%	6.54%	2.39%	7.01%
Prior Service	-0.51%	11.52%	-0.73%	1.83%	0.95%	-1.49%	-4.79%
Full Retirement	1.79%	21.89%	0.00%	12.75%	7.49%	0.90%	2.22%
Supplemental Death Benefit	0.36%	0.67%	0.00%	0.21%	0.26%	1.00%	0.56%
Combined Contribution	2.15%	22.56%	0.00%	12.96%	7.75%	1.90%	2.78%
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	N/A	N/A	13.50%	11.50%	9.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.8 years	N/A	20.4 years	19.0 years	N/A	N/A
Number of Annuitants	0	4	1	52	23	11	25
Number of Active Contributing Members	6	8	1	166	36	13	16
Number of Inactive Members	4	2	3	110	43	20	62
Average age of Contributing Members	55.7 years	48.2 years	28.8 years	40.3 years	43.7 years	49.6 years	48.8 years
Average length of service of Contributing Members	9.5 years	12.4 years	0.7 years	8.8 years	6.1 years	9.2 years	8.5 years

	Clarksville City	Clear Lake Shores	Cleburne	Cleveland	Clifton	Clute	Clyde
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$216,379	\$1,406,359	\$32,837,001	\$6,936,349	\$1,200,894	\$9,853,951	\$3,624,511
b. Noncontributing Members	47,468	627,991	10,680,304	2,014,699	956,201	3,042,730	457,481
c. Annuitants	1,008,425	909,282	65,015,698	7,272,724	1,096,031	14,338,968	2,174,863
2. Total Actuarial Accrued Liability	\$1,272,272	\$2,943,632	\$108,533,003	\$16,223,772	\$3,253,126	\$27,235,649	\$6,256,855
3. Actuarial Value of Assets	1,386,184	2,853,198	90,159,004	13,990,484	3,012,533	27,099,267	5,419,100
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$113,912)	\$90,434	\$18,373,999	\$2,233,288	\$240,593	\$136,382	\$837,755
5. Funded Ratio: (3) / (2)	109.0%	96.9%	83.1%	86.2%	92.6%	99.5%	86.6%
6. Annual payroll	\$229,413	\$1,091,034	\$16,847,357	\$5,096,045	\$1,275,089	\$5,936,818	\$1,766,356
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.74%	8.61%	7.96%	6.54%	5.47%	10.25%	10.17%
Prior Service	-1.93%	0.69%	9.03%	3.50%	1.40%	0.17%	3.37%
Full Retirement	3.81%	9.30%	16.99%	10.04%	6.87%	10.42%	13.54%
Supplemental Death Benefit	0.40%	0.28%	0.44%	0.36%	0.62%	0.34%	0.41%
Combined Contribution	4.21%	9.58%	17.43%	10.40%	7.49%	10.76%	13.95%
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	12.50%	N/A	11.50%	11.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.5 years	16.8 years	17.7 years	19.3 years	20.0 years	20.6 years
Number of Annuitants	6	4	250	56	20	72	18
Number of Active Contributing Members	4	14	286	104	23	101	38
Number of Inactive Members	2	23	249	84	25	107	25
Average age of Contributing Members	41.1 years	44.0 years	43.6 years	40.9 years	49.8 years	43.0 years	49.2 years
Average length of service of Contributing Members	6.9 years	10.0 years	9.3 years	6.9 years	8.8 years	8.4 years	10.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Coahoma	Cockrell Hill	Coleman	College Station	Colleyville	Collinsville	Colmesneil
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$597,975	\$2,039,311	\$5,130,879	\$159,048,208	\$37,250,909	\$286,253	\$314,201
b. Noncontributing Members	123,269	1,581,344	2,374,702	38,908,705	9,727,602	61,468	716
c. Annuitants	329,877	2,688,118	10,983,810	176,207,077	30,751,259	297,931	87,255
2. Total Actuarial Accrued Liability	\$1,051,121	\$6,308,773	\$18,489,391	\$374,163,990	\$77,729,770	\$645,652	\$402,172
3. Actuarial Value of Assets	1,073,262	6,509,081	16,228,746	337,758,004	75,154,393	645,543	384,141
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$22,141)	(\$200,308)	\$2,260,645	\$36,405,986	\$2,575,377	\$109	\$18,031
5. Funded Ratio: (3) / (2)	102.1%	103.2%	87.8%	90.3%	96.7%	100.0%	95.5%
6. Annual payroll	\$279,774	\$1,606,727	\$2,522,230	\$66,427,016	\$15,782,400	\$523,955	\$150,498
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.60%	9.38%	9.44%	8.59%	8.98%	5.04%	3.71%
Prior Service	-0.31%	-0.49%	9.45%	4.46%	1.24%	0.00%	4.95%
Full Retirement	6.29%	8.89%	18.89%	13.05%	10.22%	5.04%	8.66%
Supplemental Death Benefit	0.68%	0.34%	0.00%	0.00%	0.30%	0.34%	0.19%
Combined Contribution	6.97%	9.23%	18.89%	13.05%	10.52%	5.38%	8.85%
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%	13.50%	N/A	N/A	13.50%	12.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	12.2 years	16.9 years	18.5 years	8.6 years	2.6 years
Number of Annuitants	5	26	67	580	169	7	1
Number of Active Contributing Members	5	34	54	939	189	12	3
Number of Inactive Members	2	39	47	711	166	4	2
Average age of Contributing Members	56.9 years	40.0 years	46.5 years	40.2 years	43.0 years	43.3 years	44.6 years
Average length of service of Contributing Members	13.9 years	6.0 years	8.6 years	10.0 years	12.4 years	7.6 years	14.1 years

	Colorado City	Columbus	Comanche	Combes	Commerce	Conroe	Converse
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,413,711	\$5,179,536	\$1,139,283	\$468,759	\$4,459,741	\$107,186,193	\$15,827,171
b. Noncontributing Members	1,318,687	1,002,110	608,096	81,147	3,231,586	17,277,002	7,450,127
c. Annuitants	3,373,997	4,273,660	2,422,334	287,033	7,354,872	70,208,688	18,043,713
2. Total Actuarial Accrued Liability	\$7,106,395	\$10,455,306	\$4,169,713	\$836,939	\$15,046,199	\$194,671,883	\$41,321,011
3. Actuarial Value of Assets	7,421,794	9,885,364	3,409,385	402,629	13,941,527	164,878,279	35,358,089
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$315,399)	\$569,942	\$760,328	\$434,310	\$1,104,672	\$29,793,604	\$5,962,922
5. Funded Ratio: (3) / (2)	104.4%	94.5%	81.8%	48.1%	92.7%	84.7%	85.6%
6. Annual payroll	\$1,625,156	\$2,012,079	\$1,442,303	\$843,992	\$3,749,634	\$38,298,998	\$10,684,844
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.83%	7.97%	6.74%	1.41%	6.62%	10.15%	9.90%
Prior Service	-0.76%	2.43%	4.17%	4.01%	2.28%	6.80%	3.94%
Full Retirement	7.07%	10.40%	10.91%	5.42%	8.90%	16.95%	13.84%
Supplemental Death Benefit	0.98%	0.52%	0.50%	0.00%	0.46%	0.00%	0.25%
Combined Contribution	8.05%	10.92%	11.41%	5.42%	9.36%	16.95%	14.09%
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)	12.50%	N/A	11.50%	N/A	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.7 years	18.6 years	18.0 years	19.3 years	15.3 years	20.8 years
Number of Annuitants	40	38	24	3	70	213	83
Number of Active Contributing Members	35	37	35	22	82	517	186
Number of Inactive Members	48	24	17	20	105	215	218
Average age of Contributing Members	47.1 years	46.0 years	38.4 years	40.4 years	40.2 years	41.7 years	39.9 years
Average length of service of Contributing Members	6.7 years	12.5 years	4.6 years	6.4 years	7.0 years	10.0 years	6.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Cooper	Coppell	Copper Canyon	Copperas Cove	Corinth	Corpus Christi	Corrigan
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$565,921	\$93,727,893	\$538,524	\$27,748,244	\$26,981,236	\$415,602,339	\$787,509
b. Noncontributing Members	35,902	22,617,259	68,866	10,698,635	12,276,443	61,089,783	204,203
c. Annuitants	1,131,367	99,564,025	123,966	42,697,888	19,411,442	538,515,908	978,560
2. Total Actuarial Accrued Liability	\$1,733,190	\$215,909,177	\$731,356	\$81,144,767	\$58,669,121	\$1,015,208,030	\$1,970,272
3. Actuarial Value of Assets	1,581,112	189,943,103	736,511	70,261,331	51,632,229	883,510,627	2,050,130
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$152,078	\$25,966,074	(\$5,155)	\$10,883,436	\$7,036,892	\$131,697,403	(\$79,858)
5. Funded Ratio: (3) / (2)	91.2%	88.0%	100.7%	86.6%	88.0%	87.0%	104.1%
6. Annual payroll	\$485,347	\$31,931,680	\$334,258	\$14,682,737	\$12,561,487	\$165,725,767	\$1,216,456
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.26%	11.49%	9.19%	8.31%	11.01%	8.57%	3.61%
Prior Service	2.84%	6.30%	-0.06%	5.43%	4.00%	8.00%	-0.26%
Full Retirement	6.10%	17.79%	9.13%	13.74%	15.01%	16.57%	3.35%
Supplemental Death Benefit	0.52%	0.28%	0.58%	0.43%	0.27%	0.00%	0.42%
Combined Contribution	6.62%	18.07%	9.71%	14.17%	15.28%	16.57%	3.77%
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)	8.50%	N/A	N/A	N/A	N/A	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.6 years	18.1 years	N/A	20.7 years	20.7 years	13.1 years	N/A
Number of Annuitants	10	300	4	269	114	2,503	16
Number of Active Contributing Members	13	368	4	272	169	2,763	23
Number of Inactive Members	7	265	3	317	167	1,690	40
Average age of Contributing Members	49.9 years	42.7 years	55.9 years	41.4 years	41.7 years	43.6 years	43.0 years
Average length of service of Contributing Members	9.2 years	11.7 years	16.0 years	10.4 years	12.0 years	9.3 years	7.1 years

	Corsicana	Cottonwood Shores	Cotulla	Covington	Crandall	Crane	Crawford
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$26,628,756	\$405,286	\$2,149,004	\$5,575	\$1,831,338	\$3,291,414	\$128,953
b. Noncontributing Members	6,026,387	31,332	95,286	8,721	1,261,978	453,553	19,457
c. Annuitants	34,898,844	0	1,045,900	0	2,644,421	4,045,662	56,618
2. Total Actuarial Accrued Liability	\$67,553,987	\$436,618	\$3,290,190	\$14,296	\$5,737,737	\$7,790,629	\$205,028
3. Actuarial Value of Assets	60,395,521	210,124	2,964,458	16,315	5,593,009	8,090,254	228,268
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$7,158,466	\$226,494	\$325,732	(\$2,019)	\$144,728	(\$299,625)	(\$23,240)
5. Funded Ratio: (3) / (2)	89.4%	48.1%	90.1%	114.1%	97.5%	103.8%	111.3%
6. Annual payroll	\$9,005,397	\$907,811	\$1,929,319	\$94,016	\$2,197,666	\$1,648,981	\$239,059
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.75%	3.56%	4.54%	3.59%	9.82%	9.18%	1.34%
Prior Service	7.80%	1.94%	1.26%	-0.08%	0.48%	-0.71%	-0.38%
Full Retirement	15.55%	5.50%	5.80%	3.51%	10.30%	8.47%	0.96%
Supplemental Death Benefit	0.48%	0.69%	0.45%	0.27%	0.25%	0.37%	0.00%
Combined Contribution	16.03%	6.19%	6.25%	3.78%	10.55%	8.84%	0.96%
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	N/A	11.50%	N/A	13.50%	15.50%	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.0 years	18.0 years	19.2 years	N/A	19.6 years	N/A	N/A
Number of Annuitants	174	0	21	0	19	16	1
Number of Active Contributing Members	137	19	41	3	39	26	5
Number of Inactive Members	98	9	29	1	46	8	2
Average age of Contributing Members	44.1 years	48.4 years	46.3 years	53.9 years	39.5 years	46.4 years	42.2 years
Average length of service of Contributing Members	13.3 years	5.8 years	6.6 years	0.4 years	5.2 years	10.0 years	13.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Creedmoor	Crockett	Crosbyton	Cross Plains	Cross Roads	Crowell	Crowley
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$74,248	\$5,324,862	\$132,488	\$919,411	\$403,769	\$103,889	\$16,507,085
b. Noncontributing Members	0	763,501	255,014	242,744	465,409	4,118	3,480,415
c. Annuitants	0	7,666,068	817,221	491,817	32,379	40,042	9,628,107
2. Total Actuarial Accrued Liability	\$74,248	\$13,754,431	\$1,204,723	\$1,653,972	\$901,557	\$148,049	\$29,615,607
3. Actuarial Value of Assets	48,413	12,091,234	1,614,097	1,647,187	927,891	97,440	25,337,284
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$25,835	\$1,663,197	(\$409,374)	\$6,785	(\$26,334)	\$50,609	\$4,278,323
5. Funded Ratio: (3) / (2)	65.2%	87.9%	134.0%	99.6%	102.9%	65.8%	85.6%
6. Annual payroll	\$195,397	\$2,390,626	\$402,897	\$401,181	\$1,229,309	\$283,649	\$8,384,318
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.63%	9.16%	5.19%	5.30%	7.97%	1.67%	8.38%
Prior Service	2.48%	5.97%	-3.96%	0.85%	-0.08%	2.37%	3.60%
Full Retirement	5.11%	15.13%	1.23%	6.15%	7.89%	4.04%	11.98%
Supplemental Death Benefit	0.45%	0.62%	1.15%	0.45%	0.20%	0.38%	0.25%
Combined Contribution	5.56%	15.75%	2.38%	6.60%	8.09%	4.42%	12.23%
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	N/A	10.50%	9.50%	N/A	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	6.1 years	17.3 years	N/A	2.1 years	N/A	9.0 years	20.8 years
Number of Annuitants	0	65	12	3	1	1	70
Number of Active Contributing Members	4	54	10	8	15	9	125
Number of Inactive Members	0	53	14	7	14	5	107
Average age of Contributing Members	54.8 years	45.0 years	38.6 years	50.2 years	45.8 years	45.3 years	41.9 years
Average length of service of Contributing Members	3.4 years	8.2 years	4.8 years	11.9 years	12.9 years	5.9 years	10.7 years

	Crystal City	Cuero	Cumby	Daingerfield	Daisetta	Dalhart	Dallas Police and Fire PS
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,801,026	\$9,596,126	\$42,132	\$431,484	\$144,188	\$2,614,248	\$421,625
b. Noncontributing Members	781,879	2,277,615	162,459	635,517	162,749	1,482,223	18,394
c. Annuitants	1,591,603	7,010,754	162,744	1,929,180	27,065	5,151,735	0
2. Total Actuarial Accrued Liability	\$4,174,508	\$18,884,495	\$367,335	\$2,996,181	\$334,002	\$9,248,206	\$440,019
3. Actuarial Value of Assets	4,977,496	16,910,143	360,328	3,039,586	394,128	9,898,739	465,766
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$802,988)	\$1,974,352	\$7,007	(\$43,405)	(\$60,126)	(\$650,533)	(\$25,747)
5. Funded Ratio: (3) / (2)	119.2%	89.5%	98.1%	101.4%	118.0%	107.0%	105.9%
6. Annual payroll	\$1,685,196	\$5,430,067	\$336,268	\$929,993	\$165,664	\$2,974,145	\$2,568,651
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.86%	6.97%	2.26%	6.28%	2.04%	4.90%	9.13%
Prior Service	-1.85%	2.55%	0.23%	-0.18%	-1.41%	-0.85%	-0.04%
Full Retirement	2.01%	9.52%	2.49%	6.10%	0.63%	4.05%	9.09%
Supplemental Death Benefit	0.00%	0.48%	0.45%	0.00%	0.94%	0.45%	0.29%
Combined Contribution	2.01%	10.00%	2.94%	6.10%	1.57%	4.50%	9.38%
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)	13.50%	11.50%	N/A	9.50%	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	21.0 years	11.1 years	N/A	N/A	N/A	N/A
Number of Annuitants	24	56	6	18	2	38	0
Number of Active Contributing Members	48	94	7	20	6	57	22
Number of Inactive Members	72	49	25	16	14	100	2
Average age of Contributing Members	44.0 years	45.1 years	52.6 years	41.6 years	55.2 years	42.9 years	48.3 years
Average length of service of Contributing Members	6.8 years	10.2 years	3.2 years	4.9 years	7.3 years	6.2 years	12.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Dalworthington Gardens	Danbury	Darrouzett	Dayton	De Leon	DeSoto	Decatur
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,060,483	\$198,976	\$79,742	\$6,491,346	\$222,432	\$66,347,792	\$15,168,584
b. Noncontributing Members	2,248,334	71,463	66,383	3,490,990	321,789	23,770,638	5,057,543
c. Annuitants	5,285,614	295,580	150,085	5,796,926	215,099	64,697,746	16,068,181
2. Total Actuarial Accrued Liability	\$11,594,431	\$566,019	\$296,210	\$15,779,262	\$759,320	\$154,816,176	\$36,294,308
3. Actuarial Value of Assets	8,931,008	576,053	289,045	10,927,536	763,804	146,369,176	30,757,042
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$2,663,423	(\$10,034)	\$7,165	\$4,851,726	(\$4,484)	\$8,447,000	\$5,537,266
5. Funded Ratio: (3) / (2)	77.0%	101.8%	97.6%	69.3%	100.6%	94.5%	84.7%
6. Annual payroll	\$1,777,386	\$303,786	\$104,836	\$5,219,417	\$539,019	\$29,324,822	\$7,796,352
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	11.47%	5.50%	3.99%	11.45%	3.35%	9.23%	10.40%
Prior Service	12.75%	-0.13%	1.44%	6.90%	-0.03%	2.11%	5.07%
Full Retirement	24.22%	5.37%	5.43%	18.35%	3.32%	11.34%	15.47%
Supplemental Death Benefit	0.28%	0.50%	0.86%	0.30%	0.69%	0.32%	0.30%
Combined Contribution	24.50%	5.87%	6.29%	18.65%	4.01%	11.66%	15.77%
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	N/A	N/A	N/A	9.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	16.8 years	N/A	5.3 years	19.3 years	N/A	19.7 years	20.5 years
Number of Annuitants	17	3	1	57	7	293	78
Number of Active Contributing Members	26	8	3	87	11	376	126
Number of Inactive Members	40	10	3	145	20	327	100
Average age of Contributing Members	42.0 years	55.5 years	64.7 years	40.7 years	50.5 years	43.0 years	43.6 years
Average length of service of Contributing Members	12.9 years	5.0 years	6.0 years	6.2 years	6.0 years	9.8 years	9.8 years

	Deer Park	Dekalb	Del Rio	Dell City	Denison	Denton	Denver City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$86,138,149	\$627,410	\$26,422,061	\$9,607	\$24,071,912	\$260,135,067	\$2,548,689
b. Noncontributing Members	8,341,460	210,201	3,384,744	0	7,330,589	65,547,896	1,027,998
c. Annuitants	71,062,678	333,682	14,640,584	419,544	45,236,873	316,618,082	7,170,157
2. Total Actuarial Accrued Liability	\$165,542,287	\$1,171,293	\$44,447,389	\$429,151	\$76,639,374	\$642,301,045	\$10,746,844
3. Actuarial Value of Assets	154,349,564	1,190,535	36,082,420	383,144	72,284,728	548,104,156	10,650,729
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$11,192,723	(\$19,242)	\$8,364,969	\$46,007	\$4,354,646	\$94,196,889	\$96,115
5. Funded Ratio: (3) / (2)	93.2%	101.6%	81.2%	89.3%	94.3%	85.3%	99.1%
6. Annual payroll	\$23,595,225	\$602,564	\$21,807,445	\$82,228	\$13,868,865	\$111,562,691	\$1,577,744
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.49%	5.15%	3.46%	4.96%	8.23%	10.57%	6.58%
Prior Service	3.56%	-0.12%	3.59%	9.79%	2.88%	8.09%	0.48%
Full Retirement	14.05%	5.03%	7.05%	14.75%	11.11%	18.66%	7.06%
Supplemental Death Benefit	0.36%	0.36%	0.41%	0.68%	0.00%	0.28%	0.44%
Combined Contribution	14.41%	5.39%	7.46%	15.43%	11.11%	18.94%	7.50%
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%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.0 years	N/A	14.0 years	6.6 years	14.4 years	13.5 years	20.0 years
Number of Annuitants	218	13	177	2	208	884	25
Number of Active Contributing Members	317	12	499	3	249	1,355	29
Number of Inactive Members	184	13	288	0	216	851	42
Average age of Contributing Members	42.1 years	42.7 years	43.4 years	38.5 years	42.1 years	42.1 years	43.8 years
Average length of service of Contributing Members	12.7 years	6.9 years	9.2 years	0.5 years	8.2 years	10.1 years	7.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Deport	Devine	Diboll	Dickens	Dickinson	Dilley	Dimmitt
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$15,599	\$5,080,703	\$2,458,096	\$71,661	\$10,974,201	\$1,815,258	\$1,707,219
b. Noncontributing Members	7,816	398,135	1,964,958	0	4,710,442	230,916	751,850
c. Annuitants	64,407	3,063,712	8,108,156	0	9,668,845	1,363,653	2,761,557
2. Total Actuarial Accrued Liability	\$87,822	\$8,542,550	\$12,531,210	\$71,661	\$25,353,488	\$3,409,827	\$5,220,626
3. Actuarial Value of Assets	87,994	5,739,042	11,663,344	90,087	23,908,689	3,004,304	5,813,999
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$172)	\$2,803,508	\$867,866	(\$18,426)	\$1,444,799	\$405,523	(\$593,373)
5. Funded Ratio: (3) / (2)	100.2%	67.2%	93.1%	125.7%	94.3%	88.1%	111.4%
6. Annual payroll	\$97,771	\$1,938,976	\$1,834,417	\$82,162	\$8,185,006	\$1,706,252	\$995,304
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.74%	6.15%	10.80%	2.91%	8.83%	6.23%	6.95%
Prior Service	-0.01%	11.75%	3.63%	-0.87%	1.29%	1.77%	-2.32%
Full Retirement	1.73%	17.90%	14.43%	2.04%	10.12%	8.00%	4.63%
Supplemental Death Benefit	0.55%	0.42%	0.37%	0.15%	0.26%	0.33%	0.00%
Combined Contribution	2.28%	18.32%	14.80%	2.19%	10.38%	8.33%	4.63%
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	N/A	N/A	N/A	13.50%	12.50%	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.9 years	20.8 years	N/A	19.8 years	19.2 years	N/A
Number of Annuitants	1	20	51	0	52	26	21
Number of Active Contributing Members	3	34	35	2	134	39	25
Number of Inactive Members	7	24	40	0	127	50	39
Average age of Contributing Members	41.6 years	45.0 years	41.2 years	51.0 years	42.7 years	40.2 years	49.3 years
Average length of service of Contributing Members	1.6 years	10.9 years	7.6 years	7.5 years	7.7 years	7.8 years	7.7 years

	Donna	Double Oak	Dripping Springs	Driscoll	Dublin	Dumas	Duncanville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$11,423,237	\$803,668	\$1,512,247	\$60,235	\$1,883,339	\$12,488,016	\$33,793,025
b. Noncontributing Members	1,327,923	273,733	422,271	80,448	961,397	3,859,825	16,663,827
c. Annuitants	4,273,152	356,828	53,549	0	3,222,279	12,226,573	71,831,809
2. Total Actuarial Accrued Liability	\$17,024,312	\$1,434,229	\$1,988,067	\$140,683	\$6,067,015	\$28,574,414	\$122,288,661
3. Actuarial Value of Assets	13,259,688	1,371,004	1,902,036	161,683	5,288,256	23,220,863	121,505,871
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,764,624	\$63,225	\$86,031	(\$21,000)	\$778,759	\$5,353,551	\$782,790
5. Funded Ratio: (3) / (2)	77.9%	95.6%	95.7%	114.9%	87.2%	81.3%	99.4%
6. Annual payroll	\$7,853,576	\$861,731	\$2,743,187	\$267,887	\$1,589,354	\$6,616,300	\$20,074,510
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.14%	7.77%	5.40%	2.12%	9.35%	8.02%	5.19%
Prior Service	3.66%	0.77%	0.31%	-0.31%	3.46%	5.73%	1.15%
Full Retirement	10.80%	8.54%	5.71%	1.81%	12.81%	13.75%	6.34%
Supplemental Death Benefit	0.00%	0.47%	0.19%	0.44%	0.31%	0.36%	0.00%
Combined Contribution	10.80%	9.01%	5.90%	2.25%	13.12%	14.11%	6.34%
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)	13.50%	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.5 years	12.0 years	13.0 years	N/A	20.8 years	20.7 years	3.7 years
Number of Annuitants	44	7	2	0	27	80	275
Number of Active Contributing Members	152	11	43	8	35	114	262
Number of Inactive Members	112	10	40	14	65	90	263
Average age of Contributing Members	43.9 years	50.0 years	43.4 years	47.7 years	38.7 years	42.3 years	42.5 years
Average length of service of Contributing Members	7.1 years	13.6 years	5.2 years	4.7 years	5.5 years	9.4 years	9.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Eagle Lake	Eagle Pass	Early	Earth	East Bernard	East Mountain	East Tawakoni
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,759,384	\$40,741,584	\$1,803,364	\$94,902	\$112,764	\$25,001	\$238,154
b. Noncontributing Members	981,562	5,266,209	190,093	60,469	573	273,629	166,175
c. Annuitants	<u>2,904,405</u>	<u>43,011,183</u>	<u>1,130,119</u>	<u>130,733</u>	<u>50,426</u>	<u>136,216</u>	<u>477,471</u>
2. Total Actuarial Accrued Liability	\$5,645,351	\$89,018,976	\$3,123,576	\$286,104	\$163,763	\$434,846	\$881,800
3. Actuarial Value of Assets	<u>5,430,456</u>	<u>83,346,550</u>	<u>3,429,080</u>	<u>246,033</u>	<u>154,170</u>	<u>467,047</u>	<u>951,403</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$214,895	\$5,672,426	(\$305,504)	\$40,071	\$9,593	(\$32,201)	(\$69,603)
5. Funded Ratio: (3) / (2)	96.2%	93.6%	109.8%	86.0%	94.1%	107.4%	107.9%
6. Annual payroll	\$1,131,392	\$21,531,153	\$1,830,314	\$208,972	\$178,745	\$101,347	\$414,362
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.04%	6.69%	3.96%	1.76%	3.37%	14.19%	6.31%
Prior Service	<u>1.50%</u>	<u>2.66%</u>	<u>-0.65%</u>	<u>2.44%</u>	<u>1.86%</u>	<u>-1.24%</u>	<u>-0.65%</u>
Full Retirement	9.54%	9.35%	3.31%	4.20%	5.23%	12.95%	5.66%
Supplemental Death Benefit	<u>0.74%</u>	<u>0.35%</u>	<u>0.28%</u>	<u>0.61%</u>	<u>0.26%</u>	<u>0.32%</u>	<u>0.50%</u>
Combined Contribution	10.28%	9.70%	3.59%	4.81%	5.49%	13.27%	6.16%
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)	12.50%	11.50%	9.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.2 years	12.7 years	N/A	9.7 years	3.1 years	N/A	N/A
Number of Annuitants	19	224	12	5	2	2	5
Number of Active Contributing Members	20	434	39	5	5	3	12
Number of Inactive Members	48	233	12	5	1	8	8
Average age of Contributing Members	48.6 years	40.6 years	43.8 years	49.1 years	48.6 years	46.4 years	47.3 years
Average length of service of Contributing Members	8.6 years	8.9 years	6.8 years	5.7 years	5.2 years	3.1 years	5.9 years

	Eastland	Ector	Eden	Edgewood	Edinburg	Edna	El Campo
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,473,984	\$175,341	\$250,784	\$376,192	\$118,029,170	\$1,966,571	\$16,656,228
b. Noncontributing Members	676,632	1,321	110,615	76,701	13,793,638	2,141,895	3,330,504
c. Annuitants	<u>2,832,554</u>	<u>115,512</u>	<u>1,096,036</u>	<u>171,421</u>	<u>75,077,389</u>	<u>6,156,392</u>	<u>18,957,376</u>
2. Total Actuarial Accrued Liability	\$5,983,170	\$292,174	\$1,457,435	\$624,314	\$206,900,197	\$10,264,858	\$38,944,108
3. Actuarial Value of Assets	<u>5,796,179</u>	<u>305,107</u>	<u>1,452,514</u>	<u>572,864</u>	<u>167,311,099</u>	<u>9,294,217</u>	<u>32,611,828</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$186,991	(\$12,933)	\$4,921	\$51,450	\$39,589,098	\$970,641	\$6,332,280
5. Funded Ratio: (3) / (2)	96.9%	104.4%	99.7%	91.8%	80.9%	90.5%	83.7%
6. Annual payroll	\$2,014,488	\$142,143	\$398,378	\$444,226	\$50,448,175	\$1,798,348	\$6,810,462
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.40%	1.91%	3.68%	4.61%	8.84%	6.62%	7.03%
Prior Service	<u>0.68%</u>	<u>-0.35%</u>	<u>0.11%</u>	<u>1.23%</u>	<u>6.02%</u>	<u>5.00%</u>	<u>7.24%</u>
Full Retirement	8.08%	1.56%	3.79%	5.84%	14.86%	11.62%	14.27%
Supplemental Death Benefit	<u>0.45%</u>	<u>0.70%</u>	<u>0.64%</u>	<u>0.75%</u>	<u>0.26%</u>	<u>0.64%</u>	<u>0.35%</u>
Combined Contribution	8.53%	2.26%	4.43%	6.59%	15.12%	12.26%	14.62%
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	7.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.5 years	N/A	16.0 years	11.9 years	18.4 years	15.0 years	18.0 years
Number of Annuitants	26	2	17	8	325	38	82
Number of Active Contributing Members	40	4	11	11	986	36	115
Number of Inactive Members	46	2	7	10	609	37	72
Average age of Contributing Members	45.9 years	57.2 years	46.1 years	50.3 years	40.4 years	46.2 years	40.0 years
Average length of service of Contributing Members	8.9 years	10.1 years	5.2 years	8.1 years	8.2 years	6.1 years	10.0 years



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	Eldorado	Electra	Elgin	Elkhart	Elmendorf	Emory	Ennis
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,694,239	\$872,438	\$6,503,411	\$76,744	\$416,889	\$948,049	\$38,508,338
b. Noncontributing Members	302,288	360,140	3,804,949	164,743	104,841	450,358	3,650,206
c. Annuitants	<u>1,255,591</u>	<u>851,418</u>	<u>8,100,080</u>	<u>485,828</u>	<u>9,537</u>	<u>935,242</u>	<u>47,347,775</u>
2. Total Actuarial Accrued Liability	\$3,252,118	\$2,083,996	\$18,408,440	\$727,315	\$531,267	\$2,333,649	\$89,506,319
3. Actuarial Value of Assets	<u>2,841,586</u>	<u>2,129,768</u>	<u>16,281,080</u>	<u>847,245</u>	<u>531,484</u>	<u>2,306,167</u>	<u>78,388,125</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$410,532	(\$45,772)	\$2,127,360	(\$119,930)	(\$217)	\$27,482	\$11,118,194
5. Funded Ratio: (3) / (2)	87.4%	102.2%	88.4%	116.5%	100.0%	98.8%	87.6%
6. Annual payroll	\$770,886	\$1,105,965	\$5,252,653	\$379,597	\$965,090	\$1,229,807	\$13,810,340
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.30%	1.44%	10.06%	3.62%	1.42%	6.17%	12.07%
Prior Service	<u>3.82%</u>	<u>-0.16%</u>	<u>2.90%</u>	<u>-1.23%</u>	<u>0.00%</u>	<u>0.16%</u>	<u>6.48%</u>
Full Retirement	9.12%	1.28%	12.96%	2.39%	1.42%	6.33%	18.55%
Supplemental Death Benefit	<u>1.11%</u>	<u>0.58%</u>	<u>0.37%</u>	<u>0.00%</u>	<u>0.21%</u>	<u>0.56%</u>	<u>0.33%</u>
Combined Contribution	10.23%	1.86%	13.33%	2.39%	1.63%	6.89%	18.88%
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)	10.50%	7.50%	N/A	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.3 years	N/A	20.3 years	N/A	N/A	21.0 years	17.2 years
Number of Annuitants	6	27	58	6	1	13	158
Number of Active Contributing Members	17	30	92	10	16	26	205
Number of Inactive Members	18	32	112	16	22	18	78
Average age of Contributing Members	44.7 years	44.4 years	44.9 years	44.0 years	43.4 years	46.5 years	42.6 years
Average length of service of Contributing Members	9.9 years	7.7 years	6.8 years	3.6 years	5.1 years	5.7 years	11.4 years

	Escobares	Eules	Eustace	Everman	Fair Oaks Ranch	Fairfield	Fairview
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$6,852	\$116,218,751	\$654,556	\$2,637,745	\$6,991,050	\$2,978,076	\$12,556,521
b. Noncontributing Members	33,929	19,601,821	90,037	693,231	2,560,172	930,198	2,431,326
c. Annuitants	<u>0</u>	<u>129,330,740</u>	<u>305,237</u>	<u>5,199,036</u>	<u>3,761,215</u>	<u>3,078,507</u>	<u>1,777,099</u>
2. Total Actuarial Accrued Liability	\$40,781	\$265,151,312	\$1,049,830	\$8,530,012	\$13,312,437	\$6,986,781	\$16,764,946
3. Actuarial Value of Assets	<u>25,921</u>	<u>242,777,742</u>	<u>971,035</u>	<u>7,862,173</u>	<u>11,842,220</u>	<u>7,280,537</u>	<u>14,410,540</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$14,860	\$22,373,570	\$78,795	\$667,839	\$1,470,217	(\$293,756)	\$2,354,406
5. Funded Ratio: (3) / (2)	63.6%	91.6%	92.5%	92.2%	89.0%	104.2%	86.0%
6. Annual payroll	\$58,266	\$33,248,773	\$474,777	\$2,757,930	\$4,774,917	\$1,778,607	\$6,076,803
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.11%	11.68%	6.45%	7.07%	10.02%	7.34%	10.28%
Prior Service	<u>4.82%</u>	<u>6.98%</u>	<u>3.10%</u>	<u>1.76%</u>	<u>2.21%</u>	<u>-0.64%</u>	<u>2.84%</u>
Full Retirement	5.93%	18.66%	9.55%	8.83%	12.23%	6.70%	13.12%
Supplemental Death Benefit	<u>0.05%</u>	<u>0.00%</u>	<u>0.48%</u>	<u>0.23%</u>	<u>0.24%</u>	<u>0.49%</u>	<u>0.29%</u>
Combined Contribution	5.98%	18.66%	10.03%	9.06%	12.47%	7.19%	13.41%
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	N/A	13.50%	11.50%	13.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	6.0 years	12.2 years	6.2 years	19.9 years	20.2 years	N/A	19.7 years
Number of Annuitants	0	301	8	30	22	29	13
Number of Active Contributing Members	4	384	10	50	73	37	73
Number of Inactive Members	2	191	8	51	51	23	47
Average age of Contributing Members	28.3 years	42.7 years	46.6 years	39.0 years	40.7 years	45.3 years	43.3 years
Average length of service of Contributing Members	2.0 years	13.9 years	7.4 years	6.9 years	6.8 years	7.9 years	11.0 years

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	Falfurrias	Falls City	Farmers Branch	Farmersville	Farwell	Fate	Fayetteville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,190,316	\$155,080	\$102,214,202	\$4,074,193	\$443,370	\$4,462,288	\$147,853
b. Noncontributing Members	390,537	155,672	37,379,565	794,432	173,691	1,683,495	12,834
c. Annuitants	<u>1,354,666</u>	<u>161,842</u>	<u>177,977,788</u>	<u>3,154,456</u>	<u>448,256</u>	<u>881,552</u>	<u>26,083</u>
2. Total Actuarial Accrued Liability	\$2,935,519	\$472,594	\$317,571,555	\$8,023,081	\$1,065,317	\$7,027,335	\$186,770
3. Actuarial Value of Assets	<u>3,029,003</u>	<u>432,123</u>	<u>284,510,167</u>	<u>7,270,448</u>	<u>1,335,489</u>	<u>6,950,258</u>	<u>181,747</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$93,484)	\$40,471	\$33,061,388	\$752,633	(\$270,172)	\$77,077	\$5,023
5. Funded Ratio: (3) / (2)	103.2%	91.4%	89.6%	90.6%	125.4%	98.9%	97.3%
6. Annual payroll	\$1,721,388	\$218,433	\$33,866,227	\$2,562,336	\$299,404	\$5,511,250	\$73,145
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.46%	4.88%	11.01%	6.87%	11.72%	9.78%	1.61%
Prior Service	<u>-0.21%</u>	<u>2.24%</u>	<u>9.01%</u>	<u>2.10%</u>	<u>-3.51%</u>	<u>0.11%</u>	<u>1.17%</u>
Full Retirement	2.25%	7.12%	20.02%	8.97%	8.21%	9.89%	2.78%
Supplemental Death Benefit	<u>0.40%</u>	<u>0.25%</u>	<u>0.17%</u>	<u>0.36%</u>	<u>0.22%</u>	<u>0.17%</u>	<u>0.00%</u>
Combined Contribution	2.65%	7.37%	20.19%	9.33%	8.43%	10.06%	2.78%
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)	9.50%	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	10.3 years	14.5 years	20.4 years	N/A	18.7 years	6.7 years
Number of Annuitants	24	2	396	25	3	14	1
Number of Active Contributing Members	41	5	404	34	8	79	2
Number of Inactive Members	49	8	407	19	5	62	1
Average age of Contributing Members	44.9 years	49.7 years	40.9 years	44.3 years	44.3 years	40.3 years	57.8 years
Average length of service of Contributing Members	7.7 years	4.2 years	11.3 years	11.8 years	6.7 years	8.9 years	14.6 years

	Ferris	Flatonia	Florence	Floresville	Flower Mound	Floydada	Follett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,630,375	\$2,329,321	\$415,616	\$4,730,738	\$113,510,967	\$2,885,816	\$30,750
b. Noncontributing Members	1,572,814	1,288,661	183,370	1,058,426	25,114,221	228,013	4,387
c. Annuitants	<u>2,296,753</u>	<u>2,646,238</u>	<u>152,955</u>	<u>4,590,768</u>	<u>59,220,446</u>	<u>2,739,744</u>	<u>116,882</u>
2. Total Actuarial Accrued Liability	\$5,499,942	\$6,264,220	\$751,941	\$10,379,932	\$197,845,634	\$5,853,573	\$152,019
3. Actuarial Value of Assets	<u>5,086,299</u>	<u>5,942,034</u>	<u>760,921</u>	<u>8,999,216</u>	<u>176,634,581</u>	<u>5,349,881</u>	<u>45,550</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$413,643	\$322,186	(\$8,980)	\$1,380,716	\$21,211,053	\$503,692	\$106,469
5. Funded Ratio: (3) / (2)	92.5%	94.9%	101.2%	86.7%	89.3%	91.4%	30.0%
6. Annual payroll	\$3,026,646	\$962,812	\$586,261	\$3,544,224	\$47,505,659	\$1,122,668	\$83,714
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.62%	10.61%	4.63%	6.67%	8.07%	6.97%	1.87%
Prior Service	<u>1.00%</u>	<u>3.61%</u>	<u>-0.06%</u>	<u>2.95%</u>	<u>3.23%</u>	<u>3.75%</u>	<u>20.84%</u>
Full Retirement	7.62%	14.22%	4.57%	9.62%	11.30%	10.72%	22.71%
Supplemental Death Benefit	<u>0.38%</u>	<u>0.49%</u>	<u>0.28%</u>	<u>0.00%</u>	<u>0.23%</u>	<u>0.44%</u>	<u>0.37%</u>
Combined Contribution	8.00%	14.71%	4.85%	9.62%	11.53%	11.16%	23.08%
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)	10.50%	N/A	N/A	11.50%	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.6 years	11.6 years	N/A	18.7 years	20.1 years	16.8 years	7.1 years
Number of Annuitants	35	14	5	37	315	19	1
Number of Active Contributing Members	52	18	13	62	624	21	3
Number of Inactive Members	82	17	14	40	504	26	1
Average age of Contributing Members	43.3 years	47.1 years	46.8 years	44.7 years	42.1 years	48.0 years	49.6 years
Average length of service of Contributing Members	6.7 years	10.5 years	6.1 years	7.9 years	10.4 years	9.7 years	5.6 years

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	Forest Hill	Forney	Fort Stockton	Franklin	Frankston	Fredericksburg	Freeport
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$9,935,167	\$24,309,749	\$8,571,313	\$592,150	\$472,711	\$36,973,323	\$13,045,360
b. Noncontributing Members	4,762,964	7,407,219	2,509,975	82,757	79,571	3,573,374	6,480,264
c. Annuitants	15,613,867	9,910,702	10,407,387	192,654	114,191	33,089,374	16,773,594
2. Total Actuarial Accrued Liability	\$30,311,998	\$41,627,670	\$21,488,675	\$867,561	\$666,473	\$73,636,071	\$36,299,218
3. Actuarial Value of Assets	27,149,849	36,159,821	18,717,660	887,400	680,595	55,476,013	30,562,473
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,162,149	\$5,467,849	\$2,771,015	(\$19,839)	(\$14,122)	\$18,160,058	\$5,736,745
5. Funded Ratio: (3) / (2)	89.6%	86.9%	87.1%	102.3%	102.1%	75.3%	84.2%
6. Annual payroll	\$5,806,979	\$15,377,958	\$6,291,268	\$631,921	\$622,745	\$12,799,096	\$7,583,567
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.11%	11.54%	6.32%	5.96%	1.48%	10.35%	10.02%
Prior Service	3.87%	2.50%	3.46%	-0.12%	-0.09%	11.98%	5.31%
Full Retirement	13.98%	14.04%	9.78%	5.84%	1.39%	22.33%	15.33%
Supplemental Death Benefit	0.27%	0.20%	0.51%	0.00%	0.37%	0.36%	0.31%
Combined Contribution	14.25%	14.24%	10.29%	5.84%	1.76%	22.69%	15.64%
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)	13.50%	N/A	11.50%	13.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.6 years	21.0 years	17.8 years	N/A	N/A	16.1 years	21.0 years
Number of Annuitants	95	32	77	5	4	129	97
Number of Active Contributing Members	77	213	121	13	13	182	124
Number of Inactive Members	108	99	98	11	4	80	144
Average age of Contributing Members	39.1 years	39.8 years	43.2 years	45.8 years	45.1 years	43.1 years	40.2 years
Average length of service of Contributing Members	8.3 years	7.6 years	7.2 years	8.5 years	9.9 years	11.3 years	7.7 years

	Freer	Friendswood	Friona	Frisco	Fritch	Frost	Fulshear
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$496,233	\$49,608,306	\$2,147,977	\$286,163,511	\$634,269	\$26,425	\$3,870,817
b. Noncontributing Members	285,132	8,621,587	575,560	38,464,741	834,941	6,635	674,589
c. Annuitants	621,902	45,744,040	3,578,377	90,397,826	495,561	209,946	283,563
2. Total Actuarial Accrued Liability	\$1,403,267	\$103,973,933	\$6,301,914	\$415,026,078	\$1,964,771	\$243,006	\$4,828,969
3. Actuarial Value of Assets	1,248,239	89,599,093	5,861,617	369,514,702	2,837,171	227,265	4,613,980
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$155,028	\$14,374,840	\$440,297	\$45,511,376	(\$872,400)	\$15,741	\$214,989
5. Funded Ratio: (3) / (2)	89.0%	86.2%	93.0%	89.0%	144.4%	93.5%	95.5%
6. Annual payroll	\$679,056	\$18,166,453	\$1,141,271	\$112,654,738	\$888,649	\$58,937	\$4,986,357
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.45%	11.13%	6.23%	11.47%	9.05%	2.74%	6.79%
Prior Service	1.88%	5.93%	3.69%	2.86%	-3.82%	6.12%	0.35%
Full Retirement	5.33%	17.06%	9.92%	14.33%	5.23%	8.86%	7.14%
Supplemental Death Benefit	0.66%	0.31%	0.35%	0.21%	0.66%	0.00%	0.22%
Combined Contribution	5.99%	17.37%	10.27%	14.54%	5.89%	8.86%	7.36%
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	N/A	N/A	N/A	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.1 years	19.0 years	14.0 years	20.8 years	N/A	4.9 years	16.9 years
Number of Annuitants	10	169	20	310	11	5	5
Number of Active Contributing Members	18	228	27	1,298	21	1	67
Number of Inactive Members	16	132	24	694	32	1	38
Average age of Contributing Members	48.8 years	42.8 years	43.6 years	42.2 years	45.8 years	69.9 years	44.9 years
Average length of service of Contributing Members	5.9 years	11.8 years	8.8 years	10.9 years	5.4 years	9.6 years	8.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Fulton	Gainesville	Galena Park	Ganado	Garden Ridge	Garland	Garrett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$209,132	\$28,918,319	\$9,133,412	\$1,574,885	\$2,221,162	\$550,078,475	\$116,426
b. Noncontributing Members	86,409	5,769,096	3,414,206	213,281	764,512	68,775,120	0
c. Annuitants	341,635	25,438,577	9,488,982	2,313,674	1,442,875	545,639,271	0
2. Total Actuarial Accrued Liability	\$637,176	\$60,125,992	\$22,036,600	\$4,101,840	\$4,428,549	\$1,164,492,866	\$116,426
3. Actuarial Value of Assets	705,947	53,688,352	21,110,226	4,030,693	4,029,331	1,127,806,981	36,970
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$68,771)	\$6,437,640	\$926,374	\$71,147	\$399,218	\$36,685,885	\$79,456
5. Funded Ratio: (3) / (2)	110.8%	89.3%	95.8%	98.3%	91.0%	96.8%	31.8%
6. Annual payroll	\$427,456	\$13,289,687	\$4,016,295	\$507,826	\$1,784,307	\$176,008,480	\$298,625
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.78%	5.52%	9.25%	12.38%	6.22%	8.61%	1.77%
Prior Service	-0.63%	4.11%	1.64%	1.35%	1.62%	2.53%	3.00%
Full Retirement	6.15%	9.63%	10.89%	13.73%	7.84%	11.14%	4.77%
Supplemental Death Benefit	0.38%	0.38%	0.50%	0.87%	0.57%	0.39%	0.21%
Combined Contribution	6.53%	10.01%	11.39%	14.60%	8.41%	11.53%	4.98%
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	N/A	N/A	N/A	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.2 years	20.6 years	14.0 years	20.0 years	10.1 years	11.0 years
Number of Annuitants	5	154	60	12	23	1,713	0
Number of Active Contributing Members	10	214	66	9	26	2,062	8
Number of Inactive Members	5	151	105	7	31	954	0
Average age of Contributing Members	50.3 years	42.6 years	43.6 years	49.8 years	49.0 years	44.8 years	44.8 years
Average length of service of Contributing Members	5.0 years	10.3 years	8.2 years	19.2 years	13.2 years	13.3 years	4.6 years

	Garrison	Gary	Gatesville	George West	Georgetown	Giddings	Gilmer
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$601,673	\$552,978	\$10,106,141	\$751,186	\$128,339,247	\$7,845,543	\$4,011,256
b. Noncontributing Members	68,075	4,025	1,332,180	651,421	24,140,605	1,868,330	719,910
c. Annuitants	1,288,238	264,749	12,911,314	907,553	67,281,706	10,555,597	7,885,684
2. Total Actuarial Accrued Liability	\$1,957,986	\$821,752	\$24,349,635	\$2,310,160	\$219,761,558	\$20,269,470	\$12,616,850
3. Actuarial Value of Assets	2,285,353	552,512	21,276,591	2,136,574	194,591,628	17,000,660	10,845,497
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$327,367)	\$269,240	\$3,073,044	\$173,586	\$25,169,930	\$3,268,810	\$1,771,353
5. Funded Ratio: (3) / (2)	116.7%	67.2%	87.4%	92.5%	88.5%	83.9%	86.0%
6. Annual payroll	\$307,492	\$241,047	\$4,480,560	\$1,560,398	\$61,780,975	\$3,396,357	\$2,447,614
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.83%	7.70%	9.96%	4.52%	9.41%	9.30%	8.85%
Prior Service	-4.14%	15.16%	5.37%	0.81%	3.06%	9.63%	5.61%
Full Retirement	6.69%	22.86%	15.33%	5.33%	12.47%	18.93%	14.46%
Supplemental Death Benefit	0.33%	0.00%	0.40%	0.37%	0.21%	0.59%	0.39%
Combined Contribution	7.02%	22.86%	15.73%	5.70%	12.68%	19.52%	14.85%
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	N/A	N/A	N/A	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	8.9 years	17.8 years	19.9 years	19.0 years	12.8 years	18.1 years
Number of Annuitants	6	2	59	14	279	51	49
Number of Active Contributing Members	6	4	80	29	782	69	51
Number of Inactive Members	2	2	46	40	373	67	35
Average age of Contributing Members	44.4 years	54.1 years	41.7 years	48.3 years	42.1 years	46.1 years	42.0 years
Average length of service of Contributing Members	7.0 years	11.3 years	9.9 years	6.5 years	9.8 years	8.3 years	9.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Gladewater	Glen Rose	Glenn Heights	Godley	Goldsmith	Goldthwaite	Goliad
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,716,310	\$1,957,381	\$4,512,647	\$428,953	\$375,441	\$2,928,098	\$942,131
b. Noncontributing Members	2,260,643	523,984	2,035,114	139,357	91,173	82,784	407,901
c. Annuitants	<u>4,861,163</u>	<u>2,678,456</u>	<u>4,200,098</u>	<u>138,514</u>	<u>134,831</u>	<u>4,394,029</u>	<u>1,065,327</u>
2. Total Actuarial Accrued Liability	\$8,838,116	\$5,159,821	\$10,747,859	\$706,824	\$601,445	\$7,404,911	\$2,415,359
3. Actuarial Value of Assets	<u>8,761,332</u>	<u>4,570,020</u>	<u>11,773,666</u>	<u>688,963</u>	<u>611,870</u>	<u>6,180,543</u>	<u>2,637,505</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$76,784	\$589,801	(\$1,025,807)	\$17,861	(\$10,425)	\$1,224,368	(\$222,146)
5. Funded Ratio: (3) / (2)	99.1%	88.6%	109.5%	97.5%	101.7%	83.5%	109.2%
6. Annual payroll	\$2,547,159	\$997,023	\$5,167,744	\$829,955	\$350,728	\$761,622	\$847,726
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.49%	11.99%	5.21%	1.65%	1.35%	10.74%	6.24%
Prior Service	<u>0.21%</u>	<u>4.20%</u>	<u>-0.77%</u>	<u>0.25%</u>	<u>-0.12%</u>	<u>17.35%</u>	<u>-1.02%</u>
Full Retirement	7.70%	16.19%	4.44%	1.90%	1.23%	28.09%	5.22%
Supplemental Death Benefit	<u>0.39%</u>	<u>0.51%</u>	<u>0.24%</u>	<u>0.29%</u>	<u>0.86%</u>	<u>0.51%</u>	<u>0.44%</u>
Combined Contribution	8.09%	16.70%	4.68%	2.19%	2.09%	28.60%	5.66%
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	12.50%	8.50%	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.9 years	20.7 years	N/A	10.6 years	N/A	12.2 years	N/A
Number of Annuitants	56	21	71	7	1	11	11
Number of Active Contributing Members	53	19	86	17	4	11	15
Number of Inactive Members	104	23	138	13	2	2	14
Average age of Contributing Members	44.8 years	44.5 years	42.6 years	38.1 years	56.2 years	48.5 years	43.3 years
Average length of service of Contributing Members	7.2 years	9.4 years	8.7 years	6.3 years	16.6 years	13.6 years	8.7 years

	Gonzales	Gordon	Gorman	Graford	Graham	Granbury	Grand Prairie
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$9,038,862	\$37,442	\$198,142	\$7,212	\$6,987,860	\$28,614,196	\$327,375,741
b. Noncontributing Members	2,907,080	4,063	55,362	13,776	1,104,367	4,888,550	44,034,783
c. Annuitants	<u>9,526,272</u>	<u>17,161</u>	<u>53,276</u>	<u>155,915</u>	<u>12,406,424</u>	<u>25,500,746</u>	<u>362,168,993</u>
2. Total Actuarial Accrued Liability	\$21,472,214	\$58,666	\$306,780	\$176,903	\$20,498,651	\$59,003,492	\$733,579,517
3. Actuarial Value of Assets	<u>18,848,495</u>	<u>54,199</u>	<u>225,916</u>	<u>174,929</u>	<u>18,201,488</u>	<u>48,887,907</u>	<u>717,344,931</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$2,623,719	\$4,467	\$80,864	\$1,974	\$2,297,163	\$10,115,585	\$16,234,586
5. Funded Ratio: (3) / (2)	87.8%	92.4%	73.6%	98.9%	88.8%	82.9%	97.8%
6. Annual payroll	\$5,462,987	\$202,073	\$232,460	\$130,349	\$4,134,193	\$11,351,670	\$113,549,705
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.05%	1.91%	2.01%	1.92%	6.69%	10.11%	11.18%
Prior Service	<u>3.65%</u>	<u>0.48%</u>	<u>5.49%</u>	<u>0.22%</u>	<u>4.35%</u>	<u>7.21%</u>	<u>1.01%</u>
Full Retirement	9.70%	2.39%	7.50%	2.14%	11.04%	17.32%	12.19%
Supplemental Death Benefit	<u>0.36%</u>	<u>0.23%</u>	<u>0.57%</u>	<u>0.25%</u>	<u>0.58%</u>	<u>0.40%</u>	<u>0.30%</u>
Combined Contribution	10.06%	2.62%	8.07%	2.39%	11.62%	17.72%	12.49%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.6 years	5.1 years	7.4 years	8.0 years	18.3 years	17.0 years	20.8 years
Number of Annuitants	58	1	1	2	78	121	923
Number of Active Contributing Members	104	4	5	3	81	180	1,408
Number of Inactive Members	113	3	10	2	50	121	802
Average age of Contributing Members	41.1 years	49.9 years	56.1 years	45.2 years	45.8 years	45.5 years	42.1 years
Average length of service of Contributing Members	9.2 years	2.2 years	8.2 years	7.4 years	8.5 years	10.3 years	11.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Grand Saline	Grandview	Granger	Granite Shoals	Grapeland	Grapevine	Greenville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$828,231	\$793,557	\$325,302	\$1,415,851	\$66,988	\$151,946,703	\$56,110,631
b. Noncontributing Members	622,247	1,033,205	66,749	643,364	180,490	26,508,320	11,359,617
c. Annuitants	<u>2,541,882</u>	<u>748,382</u>	<u>351,481</u>	<u>681,053</u>	<u>489,967</u>	<u>182,250,752</u>	<u>83,015,354</u>
2. Total Actuarial Accrued Liability	\$3,992,360	\$2,575,144	\$743,532	\$2,740,268	\$737,445	\$360,705,775	\$150,485,602
3. Actuarial Value of Assets	<u>3,763,825</u>	<u>2,408,231</u>	<u>804,765</u>	<u>2,790,272</u>	<u>750,669</u>	<u>312,253,715</u>	<u>128,675,716</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$228,535	\$166,913	(\$61,233)	(\$50,004)	(\$13,224)	\$48,452,060	\$21,809,886
5. Funded Ratio: (3) / (2)	94.3%	93.5%	108.2%	101.8%	101.8%	86.6%	85.5%
6. Annual payroll	\$1,121,248	\$1,082,723	\$629,234	\$2,490,041	\$484,485	\$50,245,262	\$22,524,000
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.98%	9.88%	7.55%	5.89%	3.34%	11.80%	8.59%
Prior Service	<u>1.58%</u>	<u>1.16%</u>	<u>-0.38%</u>	<u>-0.08%</u>	<u>-0.11%</u>	<u>8.26%</u>	<u>8.05%</u>
Full Retirement	9.56%	11.04%	7.17%	5.81%	3.23%	20.06%	16.64%
Supplemental Death Benefit	<u>0.39%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.30%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.42%</u>
Combined Contribution	9.95%	11.04%	7.17%	6.11%	3.23%	20.06%	17.06%
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%	13.50%	13.50%	N/A	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.6 years	19.0 years	N/A	N/A	N/A	15.7 years	16.4 years
Number of Annuitants	23	15	15	14	11	505	346
Number of Active Contributing Members	25	19	14	39	13	582	342
Number of Inactive Members	24	28	11	35	29	347	211
Average age of Contributing Members	43.7 years	41.1 years	47.0 years	43.1 years	40.0 years	43.4 years	43.5 years
Average length of service of Contributing Members	5.8 years	7.4 years	10.9 years	5.8 years	1.7 years	12.3 years	10.8 years

	Gregory	Grey Forest	Groesbeck	Groom	Groves	Groveton	Gruver
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$342,814	\$7,710,908	\$1,448,401	\$210,717	\$19,981,726	\$218,622	\$732,626
b. Noncontributing Members	156,200	1,531,530	269,016	2,824	2,371,279	5,426	477,128
c. Annuitants	<u>126,774</u>	<u>9,262,490</u>	<u>605,871</u>	<u>197,162</u>	<u>22,968,101</u>	<u>72,437</u>	<u>449,414</u>
2. Total Actuarial Accrued Liability	\$625,788	\$18,504,928	\$2,323,288	\$410,703	\$45,321,106	\$296,485	\$1,659,168
3. Actuarial Value of Assets	<u>842,615</u>	<u>16,203,719</u>	<u>2,188,162</u>	<u>410,412</u>	<u>44,361,176</u>	<u>318,969</u>	<u>1,628,135</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$216,827)	\$2,301,209	\$135,126	\$291	\$959,930	(\$22,484)	\$31,033
5. Funded Ratio: (3) / (2)	134.6%	87.6%	94.2%	99.9%	97.9%	107.6%	98.1%
6. Annual payroll	\$704,811	\$3,046,711	\$1,510,728	\$220,618	\$7,072,926	\$183,245	\$293,221
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.81%	9.86%	1.09%	3.16%	7.02%	1.54%	8.41%
Prior Service	<u>-1.20%</u>	<u>6.28%</u>	<u>0.77%</u>	<u>0.02%</u>	<u>0.97%</u>	<u>-0.48%</u>	<u>2.76%</u>
Full Retirement	4.61%	16.14%	1.86%	3.18%	7.99%	1.06%	11.17%
Supplemental Death Benefit	<u>0.44%</u>	<u>0.38%</u>	<u>0.41%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.93%</u>	<u>0.00%</u>
Combined Contribution	5.05%	16.52%	2.27%	3.18%	7.99%	1.99%	11.17%
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)	9.50%	N/A	N/A	7.50%	N/A	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.4 years	17.1 years	8.9 years	20.9 years	N/A	4.2 years
Number of Annuitants	3	27	19	5	106	3	3
Number of Active Contributing Members	17	33	33	4	102	7	5
Number of Inactive Members	17	20	18	1	62	7	7
Average age of Contributing Members	46.0 years	45.5 years	44.8 years	50.1 years	43.4 years	52.3 years	59.2 years
Average length of service of Contributing Members	8.1 years	9.9 years	11.4 years	8.9 years	12.4 years	10.3 years	10.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Gun Barrel City	Gunter	Hale Center	Hallettsville	Hallsville	Haltom City	Hamilton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,621,735	\$622,081	\$422,828	\$4,397,405	\$858,704	\$65,539,957	\$1,487,905
b. Noncontributing Members	854,905	162,300	84,085	685,255	83,407	14,501,602	697,055
c. Annuitants	<u>1,762,976</u>	<u>151,710</u>	<u>178,985</u>	<u>4,644,808</u>	<u>139,162</u>	<u>72,984,766</u>	<u>3,188,664</u>
2. Total Actuarial Accrued Liability	\$5,239,616	\$936,091	\$685,898	\$9,727,468	\$1,081,273	\$153,026,325	\$5,373,624
3. Actuarial Value of Assets	<u>4,976,899</u>	<u>741,354</u>	<u>590,522</u>	<u>8,873,834</u>	<u>907,904</u>	<u>129,120,397</u>	<u>4,676,157</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$262,717	\$194,737	\$95,376	\$853,634	\$173,369	\$23,905,928	\$697,467
5. Funded Ratio: (3) / (2)	95.0%	79.2%	86.1%	91.2%	84.0%	84.4%	87.0%
6. Annual payroll	\$2,319,740	\$818,662	\$545,500	\$1,595,262	\$995,222	\$19,746,720	\$1,291,820
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.43%	12.49%	4.79%	7.42%	4.64%	10.82%	9.42%
Prior Service	<u>0.92%</u>	<u>2.01%</u>	<u>1.65%</u>	<u>6.40%</u>	<u>1.27%</u>	<u>9.91%</u>	<u>5.05%</u>
Full Retirement	9.35%	14.50%	6.44%	13.82%	5.91%	20.73%	14.47%
Supplemental Death Benefit	<u>0.32%</u>	<u>0.25%</u>	<u>0.28%</u>	<u>0.61%</u>	<u>0.48%</u>	<u>0.35%</u>	<u>0.58%</u>
Combined Contribution	9.67%	14.75%	6.72%	14.43%	6.39%	21.08%	15.05%
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)	13.50%	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.4 years	16.0 years	13.8 years	10.2 years	19.8 years	17.6 years	14.0 years
Number of Annuitants	31	5	3	27	4	259	23
Number of Active Contributing Members	47	15	11	31	19	255	31
Number of Inactive Members	51	15	8	21	11	169	46
Average age of Contributing Members	45.6 years	46.1 years	44.6 years	47.7 years	50.3 years	44.8 years	44.5 years
Average length of service of Contributing Members	5.9 years	9.0 years	9.2 years	14.7 years	10.7 years	13.4 years	6.1 years

	Hamlin	Happy	Harker Heights	Harlingen	Harlingen Waterworks Sys	Hart	Haskell
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$777,205	\$401,734	\$34,376,209	\$40,782,301	\$10,792,906	\$203,256	\$678,406
b. Noncontributing Members	285,247	148,842	9,698,456	9,201,966	1,808,951	50,484	391,905
c. Annuitants	<u>2,028,283</u>	<u>191,406</u>	<u>27,924,472</u>	<u>55,794,015</u>	<u>16,668,597</u>	<u>15,868</u>	<u>632,237</u>
2. Total Actuarial Accrued Liability	\$3,090,735	\$741,982	\$71,999,137	\$105,778,282	\$29,270,454	\$269,608	\$1,702,548
3. Actuarial Value of Assets	<u>2,963,894</u>	<u>791,326</u>	<u>60,786,623</u>	<u>102,219,032</u>	<u>27,083,693</u>	<u>224,187</u>	<u>2,361,515</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$126,841	(\$49,344)	\$11,212,514	\$3,559,250	\$2,186,761	\$45,421	(\$658,967)
5. Funded Ratio: (3) / (2)	95.9%	106.7%	84.4%	96.6%	92.5%	83.2%	138.7%
6. Annual payroll	\$687,227	\$165,519	\$14,436,368	\$25,287,696	\$6,742,320	\$160,970	\$1,119,575
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.74%	8.08%	9.99%	6.23%	5.63%	1.11%	2.03%
Prior Service	<u>1.38%</u>	<u>-1.16%</u>	<u>5.48%</u>	<u>1.98%</u>	<u>3.96%</u>	<u>3.17%</u>	<u>-2.03%</u>
Full Retirement	5.12%	6.92%	15.47%	8.21%	9.59%	4.28%	0.00%
Supplemental Death Benefit	<u>0.71%</u>	<u>0.42%</u>	<u>0.25%</u>	<u>0.43%</u>	<u>0.60%</u>	<u>0.00%</u>	<u>0.44%</u>
Combined Contribution	5.83%	7.34%	15.72%	8.64%	10.19%	4.28%	0.44%
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	N/A	N/A	15.50%	13.50%	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.5 years	N/A	20.8 years	8.4 years	10.0 years	11.1 years	N/A
Number of Annuitants	16	1	119	369	143	1	9
Number of Active Contributing Members	17	3	220	542	140	4	25
Number of Inactive Members	9	1	177	172	53	1	14
Average age of Contributing Members	45.6 years	45.4 years	40.3 years	43.3 years	42.3 years	46.0 years	45.0 years
Average length of service of Contributing Members	6.8 years	10.9 years	12.3 years	9.4 years	10.5 years	14.0 years	6.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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	Haslet	Hawkins	Hearne	Heath	Hedley	Hedwig Village	Helotes
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,907,142	\$1,485,835	\$4,855,442	\$6,150,367	\$18,859	\$2,632,155	\$5,699,737
b. Noncontributing Members	1,392,854	80,598	1,304,610	4,097,690	174,779	979,330	1,749,434
c. Annuitants	594,717	872,327	5,075,865	6,461,594	0	3,420,540	2,547,190
2. Total Actuarial Accrued Liability	\$4,894,713	\$2,438,760	\$11,235,917	\$16,709,651	\$193,638	\$7,032,025	\$9,996,361
3. Actuarial Value of Assets	4,756,512	2,709,804	9,720,181	15,199,335	235,772	6,627,050	9,788,102
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$138,201	(\$271,044)	\$1,515,736	\$1,510,316	(\$42,134)	\$404,975	\$208,259
5. Funded Ratio: (3) / (2)	97.2%	111.1%	86.5%	91.0%	121.8%	94.2%	97.9%
6. Annual payroll	\$1,908,323	\$472,337	\$2,565,372	\$5,153,562	\$31,961	\$2,388,666	\$4,220,299
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.79%	8.24%	9.73%	9.52%	5.52%	6.15%	5.60%
Prior Service	0.52%	-2.23%	4.56%	2.13%	-5.13%	1.78%	0.73%
Full Retirement	8.31%	6.01%	14.29%	11.65%	0.39%	7.93%	6.33%
Supplemental Death Benefit	0.27%	0.40%	0.45%	0.24%	0.20%	0.37%	0.24%
Combined Contribution	8.58%	6.41%	14.74%	11.89%	0.59%	8.30%	6.57%
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)	15.50%	N/A	N/A	13.50%	11.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.2 years	N/A	18.3 years	19.9 years	N/A	12.1 years	7.9 years
Number of Annuitants	10	15	34	32	0	22	26
Number of Active Contributing Members	33	10	49	58	1	28	71
Number of Inactive Members	34	7	43	48	5	25	66
Average age of Contributing Members	43.3 years	47.5 years	47.0 years	42.1 years	55.5 years	46.5 years	40.4 years
Average length of service of Contributing Members	8.2 years	12.1 years	9.2 years	10.9 years	4.3 years	10.3 years	9.8 years

	Hemphill	Hempstead	Henderson	Henrietta	Hereford	Hewitt	Hickory Creek
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$794,402	\$7,769,896	\$17,901,497	\$1,280,586	\$13,843,270	\$16,479,934	\$4,340,029
b. Noncontributing Members	469,385	329,615	3,429,225	669,595	1,917,473	2,707,636	474,650
c. Annuitants	2,710,139	6,804,404	21,103,562	1,828,167	11,447,296	9,235,207	1,079,647
2. Total Actuarial Accrued Liability	\$3,973,926	\$14,903,915	\$42,434,284	\$3,778,348	\$27,208,039	\$28,422,777	\$5,894,326
3. Actuarial Value of Assets	3,584,022	13,952,995	36,307,429	3,250,659	24,327,537	23,627,174	4,913,607
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$389,904	\$950,920	\$6,126,855	\$527,689	\$2,880,502	\$4,795,603	\$980,719
5. Funded Ratio: (3) / (2)	90.2%	93.6%	85.6%	86.0%	89.4%	83.1%	83.4%
6. Annual payroll	\$1,197,610	\$4,290,995	\$7,439,700	\$796,889	\$5,974,740	\$6,183,579	\$1,662,344
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.88%	6.08%	10.03%	9.84%	6.30%	11.38%	10.61%
Prior Service	2.54%	1.58%	6.68%	4.82%	3.92%	5.51%	4.55%
Full Retirement	7.42%	7.66%	16.71%	14.66%	10.22%	16.89%	15.16%
Supplemental Death Benefit	0.61%	0.41%	0.31%	0.55%	0.41%	0.23%	0.19%
Combined Contribution	8.03%	8.07%	17.02%	15.21%	10.63%	17.12%	15.35%
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	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.9 years	20.6 years	17.0 years	20.4 years	16.9 years	20.6 years	20.3 years
Number of Annuitants	19	33	85	14	55	41	14
Number of Active Contributing Members	22	78	132	17	96	98	26
Number of Inactive Members	13	43	77	13	40	75	17
Average age of Contributing Members	44.6 years	45.7 years	40.6 years	48.4 years	41.0 years	41.4 years	40.4 years
Average length of service of Contributing Members	5.2 years	9.2 years	9.8 years	7.0 years	11.3 years	11.9 years	10.8 years



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	Hico	Hidalgo	Higgins	Highland Park	Highland Village	Hill Country Village	Hillsboro
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$276,561	\$13,443,035	\$62,900	\$32,576,857	\$30,046,428	\$1,294,268	\$12,494,133
b. Noncontributing Members	335,855	6,166,142	13,231	5,222,121	9,369,154	748,851	3,058,841
c. Annuitants	769,957	7,723,099	310,407	58,113,495	19,862,142	465,090	10,542,030
2. Total Actuarial Accrued Liability	\$1,382,373	\$27,332,276	\$386,538	\$95,912,473	\$59,277,724	\$2,508,209	\$26,095,004
3. Actuarial Value of Assets	1,520,683	25,349,213	382,127	87,911,457	54,022,912	2,761,413	23,327,821
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$138,310)	\$1,983,063	\$4,411	\$8,001,016	\$5,254,812	(\$253,204)	\$2,767,183
5. Funded Ratio: (3) / (2)	110.0%	92.7%	98.9%	91.7%	91.1%	110.1%	89.4%
6. Annual payroll	\$582,059	\$6,336,065	\$79,608	\$14,843,134	\$11,517,866	\$980,478	\$5,493,974
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.73%	8.92%	3.98%	6.19%	10.96%	4.31%	6.16%
Prior Service	-0.92%	2.88%	0.91%	7.01%	3.19%	-1.01%	5.26%
Full Retirement	7.81%	11.80%	4.89%	13.20%	14.15%	3.30%	11.42%
Supplemental Death Benefit	0.64%	0.00%	1.06%	0.00%	0.27%	0.25%	0.00%
Combined Contribution	8.45%	11.80%	5.95%	13.20%	14.42%	3.55%	11.42%
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)	13.50%	13.50%	N/A	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	14.6 years	7.0 years	9.3 years	21.1 years	N/A	12.3 years
Number of Annuitants	10	56	3	142	101	5	82
Number of Active Contributing Members	13	148	2	123	152	16	104
Number of Inactive Members	11	130	1	51	127	24	78
Average age of Contributing Members	44.9 years	43.2 years	66.6 years	44.2 years	43.4 years	44.5 years	42.3 years
Average length of service of Contributing Members	5.1 years	7.8 years	7.0 years	13.9 years	11.7 years	11.7 years	9.9 years

	Hilshire Village	Hitchcock	Holland	Holliday	Hollywood Park	Hondo	Honey Grove
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$205,032	\$1,287,738	\$150,989	\$583,941	\$5,519,512	\$6,223,170	\$573,085
b. Noncontributing Members	0	938,371	89,919	343,302	1,209,941	2,795,627	249,438
c. Annuitants	10,098	2,964,507	335,864	281,736	2,773,564	11,652,381	1,142,615
2. Total Actuarial Accrued Liability	\$215,130	\$5,190,616	\$576,772	\$1,208,979	\$9,503,017	\$20,671,178	\$1,965,138
3. Actuarial Value of Assets	215,082	5,269,007	693,877	1,063,523	7,682,958	17,933,122	1,970,107
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$48	(\$78,391)	(\$117,105)	\$145,456	\$1,820,059	\$2,738,056	(\$4,969)
5. Funded Ratio: (3) / (2)	100.0%	101.5%	120.3%	88.0%	80.8%	86.8%	100.3%
6. Annual payroll	\$192,953	\$2,826,297	\$308,052	\$402,693	\$2,411,688	\$5,097,754	\$616,822
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.23%	6.48%	5.56%	3.76%	9.38%	10.16%	5.74%
Prior Service	0.03%	-0.11%	-1.48%	6.13%	5.49%	3.93%	-0.03%
Full Retirement	5.26%	6.37%	4.08%	9.89%	14.87%	14.09%	5.71%
Supplemental Death Benefit	0.38%	0.36%	0.63%	0.00%	0.37%	0.34%	0.37%
Combined Contribution	5.64%	6.73%	4.71%	9.89%	15.24%	14.43%	6.08%
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	12.50%	10.50%	N/A	N/A	13.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	1.0 years	N/A	N/A	6.9 years	19.9 years	19.7 years	N/A
Number of Annuitants	1	41	4	3	27	81	10
Number of Active Contributing Members	3	54	6	9	38	114	14
Number of Inactive Members	0	53	7	7	36	124	11
Average age of Contributing Members	47.4 years	42.4 years	48.9 years	42.0 years	46.4 years	41.2 years	43.1 years
Average length of service of Contributing Members	8.0 years	6.2 years	5.0 years	7.4 years	11.1 years	6.7 years	10.7 years

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	Hooks	Horizon City	Horseshoe Bay	Howe	Hubbard	Hudson	Hudson Oaks
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$548,188	\$2,699,412	\$43,550	\$693,356	\$177,491	\$1,101,271	\$3,102,548
b. Noncontributing Members	403,462	166,975	0	568,537	299,103	80,867	1,387,870
c. Annuitants	1,050,069	522,112	0	1,653,233	202,348	147,097	2,135,244
2. Total Actuarial Accrued Liability	\$2,001,719	\$3,388,499	\$43,550	\$2,915,126	\$678,942	\$1,329,235	\$6,625,662
3. Actuarial Value of Assets	1,725,761	1,941,112	48,365	3,023,826	713,659	1,307,872	5,992,785
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$275,958	\$1,447,387	(\$4,815)	(\$108,700)	(\$34,717)	\$21,363	\$632,877
5. Funded Ratio: (3) / (2)	86.2%	57.3%	111.1%	103.7%	105.1%	98.4%	90.4%
6. Annual payroll	\$543,060	\$3,994,307	\$3,527,091	\$998,279	\$502,332	\$786,120	\$1,757,785
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.86%	2.75%	8.03%	5.84%	3.25%	3.91%	10.72%
Prior Service	6.08%	2.55%	-0.01%	-0.42%	-0.27%	0.21%	2.59%
Full Retirement	13.94%	5.30%	8.02%	5.42%	2.98%	4.12%	13.31%
Supplemental Death Benefit	0.31%	0.16%	0.24%	0.50%	0.26%	0.42%	0.23%
Combined Contribution	14.25%	5.46%	8.26%	5.92%	3.24%	4.54%	13.54%
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	N/A	N/A	11.50%	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	10.2 years	21.0 years	N/A	N/A	N/A	18.3 years	20.3 years
Number of Annuitants	7	7	0	13	5	3	16
Number of Active Contributing Members	14	81	105	18	12	16	22
Number of Inactive Members	18	27	0	22	19	10	27
Average age of Contributing Members	43.5 years	40.6 years	45.7 years	45.3 years	40.2 years	46.1 years	39.2 years
Average length of service of Contributing Members	8.6 years	6.6 years	7.8 years	7.7 years	4.6 years	10.2 years	9.8 years

	Hughes Springs	Humble	Hunters Creek Village	Huntington	Huntsville	Hurst	Hutchins
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,526,400	\$52,050,460	\$1,315,603	\$2,135,773	\$44,001,423	\$79,001,238	\$5,956,966
b. Noncontributing Members	320	3,454,943	228,077	347,158	8,768,045	15,251,996	1,952,852
c. Annuitants	2,145,154	43,369,556	652,118	2,306,071	59,947,417	97,441,176	3,278,820
2. Total Actuarial Accrued Liability	\$5,671,874	\$98,874,959	\$2,195,798	\$4,789,002	\$112,716,885	\$191,694,410	\$11,188,638
3. Actuarial Value of Assets	5,991,850	89,891,089	1,597,598	4,112,765	90,393,461	178,688,982	11,806,712
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$319,976)	\$8,983,870	\$598,200	\$676,237	\$22,323,424	\$13,005,428	(\$618,074)
5. Funded Ratio: (3) / (2)	105.6%	90.9%	72.8%	85.9%	80.2%	93.2%	105.5%
6. Annual payroll	\$750,760	\$17,620,311	\$565,058	\$952,174	\$17,142,384	\$27,055,157	\$5,167,692
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.43%	9.43%	10.13%	10.96%	8.46%	8.26%	7.79%
Prior Service	-1.66%	4.43%	10.98%	5.05%	11.45%	4.65%	-0.47%
Full Retirement	8.77%	13.86%	21.11%	16.01%	19.91%	12.91%	7.32%
Supplemental Death Benefit	0.48%	0.29%	0.72%	0.46%	0.40%	0.00%	0.23%
Combined Contribution	9.25%	14.15%	21.83%	16.47%	20.31%	12.91%	7.55%
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	N/A	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.5 years	12.2 years	20.6 years	15.6 years	13.4 years	N/A
Number of Annuitants	5	140	9	16	235	322	42
Number of Active Contributing Members	13	208	7	23	279	336	85
Number of Inactive Members	1	68	3	16	220	247	73
Average age of Contributing Members	55.3 years	42.8 years	49.8 years	44.5 years	42.8 years	43.2 years	39.7 years
Average length of service of Contributing Members	16.6 years	12.8 years	13.7 years	9.4 years	10.3 years	13.6 years	9.1 years

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	Hutto	Huxley	Idalou	Ingleside	Ingram	Iowa Colony	Iowa Park
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$11,125,810	\$496,233	\$467,513	\$5,122,640	\$115,517	\$569,460	\$4,330,600
b. Noncontributing Members	7,892,830	164,788	291,014	3,160,359	290,292	71,910	1,417,756
c. Annuitants	<u>5,717,309</u>	<u>384,599</u>	<u>110,122</u>	<u>6,504,323</u>	<u>562,840</u>	<u>470,874</u>	<u>5,109,552</u>
2. Total Actuarial Accrued Liability	\$24,735,949	\$1,045,620	\$868,649	\$14,787,322	\$968,649	\$1,112,244	\$10,857,908
3. Actuarial Value of Assets	<u>25,112,230</u>	<u>1,138,307</u>	<u>894,700</u>	<u>15,125,535</u>	<u>1,053,151</u>	<u>988,421</u>	<u>10,155,224</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$376,281)	(\$92,687)	(\$26,051)	(\$338,213)	(\$84,502)	\$123,823	\$702,684
5. Funded Ratio: (3) / (2)	101.5%	108.9%	103.0%	102.3%	108.7%	88.9%	93.5%
6. Annual payroll	\$8,766,411	\$409,530	\$691,362	\$4,933,351	\$575,285	\$1,266,495	\$2,031,477
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	12.41%	3.89%	4.32%	7.84%	6.13%	9.67%	7.34%
Prior Service	<u>-0.17%</u>	<u>-0.88%</u>	<u>-0.15%</u>	<u>-0.27%</u>	<u>-0.57%</u>	<u>0.85%</u>	<u>3.08%</u>
Full Retirement	12.24%	3.01%	4.17%	7.57%	5.56%	10.52%	10.42%
Supplemental Death Benefit	<u>0.26%</u>	<u>0.48%</u>	<u>0.15%</u>	<u>0.46%</u>	<u>0.00%</u>	<u>0.18%</u>	<u>0.37%</u>
Combined Contribution	12.50%	3.49%	4.32%	8.03%	5.56%	10.70%	10.79%
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%	N/A	11.50%	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	N/A	N/A	N/A	15.4 years	15.1 years
Number of Annuitants	45	6	2	58	14	2	37
Number of Active Contributing Members	127	10	12	98	8	20	44
Number of Inactive Members	194	8	23	104	29	16	52
Average age of Contributing Members	42.7 years	43.9 years	42.4 years	45.7 years	47.9 years	42.4 years	41.1 years
Average length of service of Contributing Members	8.0 years	11.0 years	10.9 years	8.0 years	2.8 years	7.9 years	8.2 years

	Iraan	Irving	Italy	Itasca	Jacinto City	Jacksboro	Jacksonville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,131,297	\$389,335,679	\$336,243	\$1,052,724	\$12,052,586	\$2,904,088	\$14,496,252
b. Noncontributing Members	101,829	60,002,060	174,194	116,258	1,036,808	1,998,740	3,605,184
c. Annuitants	<u>436,216</u>	<u>458,229,347</u>	<u>349,285</u>	<u>1,224,398</u>	<u>3,036,373</u>	<u>4,113,481</u>	<u>17,972,568</u>
2. Total Actuarial Accrued Liability	\$1,669,342	\$907,567,086	\$859,722	\$2,393,380	\$16,125,767	\$9,016,309	\$36,074,004
3. Actuarial Value of Assets	<u>1,545,309</u>	<u>902,868,749</u>	<u>678,007</u>	<u>2,787,614</u>	<u>12,252,684</u>	<u>7,749,794</u>	<u>33,458,506</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$124,033	\$4,698,337	\$181,715	(\$394,234)	\$3,873,083	\$1,266,515	\$2,615,498
5. Funded Ratio: (3) / (2)	92.6%	99.5%	78.9%	116.5%	76.0%	86.0%	92.7%
6. Annual payroll	\$349,077	\$126,587,570	\$831,696	\$866,001	\$3,541,880	\$1,931,840	\$7,105,682
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.04%	9.75%	6.85%	10.35%	8.07%	9.47%	7.41%
Prior Service	<u>4.86%</u>	<u>0.27%</u>	<u>1.61%</u>	<u>-1.77%</u>	<u>9.40%</u>	<u>4.65%</u>	<u>2.80%</u>
Full Retirement	10.90%	10.02%	8.46%	8.58%	17.47%	14.12%	10.21%
Supplemental Death Benefit	<u>0.60%</u>	<u>0.33%</u>	<u>0.46%</u>	<u>0.45%</u>	<u>0.69%</u>	<u>0.49%</u>	<u>0.42%</u>
Combined Contribution	11.50%	10.35%	8.92%	9.03%	18.16%	14.61%	10.63%
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	N/A	N/A	13.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	8.7 years	20.0 years	19.5 years	N/A	15.7 years	20.7 years	18.8 years
Number of Annuitants	4	1,215	11	10	34	27	113
Number of Active Contributing Members	8	1,527	18	20	63	38	125
Number of Inactive Members	1	758	33	27	50	48	111
Average age of Contributing Members	47.5 years	43.3 years	47.4 years	46.0 years	48.8 years	43.3 years	41.8 years
Average length of service of Contributing Members	11.4 years	12.5 years	7.9 years	4.5 years	11.6 years	6.5 years	9.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Jasper	Jefferson	Jersey Village	Jewett	Joaquin	Johnson City	Jones Creek
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$14,677,905	\$566,424	\$10,436,296	\$680,079	\$95,856	\$1,151,118	\$339,232
b. Noncontributing Members	1,506,557	268,063	7,331,792	3,685	20,142	597,900	79,014
c. Annuitants	<u>14,686,055</u>	<u>974,006</u>	<u>15,228,787</u>	<u>808,387</u>	<u>233,193</u>	<u>1,036,565</u>	<u>228,855</u>
2. Total Actuarial Accrued Liability	\$30,870,517	\$1,808,493	\$32,996,875	\$1,492,151	\$349,191	\$2,785,583	\$647,101
3. Actuarial Value of Assets	<u>29,523,913</u>	<u>2,221,577</u>	<u>28,325,201</u>	<u>1,235,053</u>	<u>294,515</u>	<u>2,510,116</u>	<u>596,735</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,346,604	(\$413,084)	\$4,671,674	\$257,098	\$54,676	\$275,467	\$50,366
5. Funded Ratio: (3) / (2)	95.6%	122.8%	85.8%	82.8%	84.3%	90.1%	92.2%
6. Annual payroll	\$6,813,295	\$718,222	\$7,417,791	\$275,341	\$207,739	\$879,953	\$415,657
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.10%	2.49%	10.24%	5.20%	1.76%	6.44%	3.17%
Prior Service	<u>2.70%</u>	<u>-2.24%</u>	<u>4.46%</u>	<u>11.55%</u>	<u>3.33%</u>	<u>2.59%</u>	<u>1.98%</u>
Full Retirement	7.80%	0.25%	14.70%	16.75%	5.09%	9.03%	5.15%
Supplemental Death Benefit	<u>0.49%</u>	<u>0.51%</u>	<u>0.31%</u>	<u>0.34%</u>	<u>1.10%</u>	<u>0.24%</u>	<u>0.62%</u>
Combined Contribution	8.29%	0.76%	15.01%	17.09%	6.19%	9.27%	5.77%
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)	15.50%	N/A	N/A	N/A	N/A	10.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	8.7 years	N/A	20.7 years	10.3 years	9.6 years	16.5 years	7.1 years
Number of Annuitants	94	16	73	4	7	9	5
Number of Active Contributing Members	117	18	103	5	4	13	7
Number of Inactive Members	62	22	114	1	4	13	7
Average age of Contributing Members	44.8 years	47.1 years	40.7 years	52.2 years	49.5 years	41.9 years	48.0 years
Average length of service of Contributing Members	10.9 years	7.0 years	7.5 years	16.3 years	9.1 years	9.5 years	12.4 years

	Jonestown	Josephine	Joshua	Jourdanton	Junction	Justin	Karnes City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,347,813	\$894,905	\$2,174,689	\$1,191,034	\$2,642,268	\$2,254,335	\$2,464,265
b. Noncontributing Members	395,030	215,768	1,183,330	674,635	199,885	646,243	424,789
c. Annuitants	<u>845,773</u>	<u>26,736</u>	<u>1,522,407</u>	<u>1,922,693</u>	<u>2,002,965</u>	<u>869,538</u>	<u>1,035,144</u>
2. Total Actuarial Accrued Liability	\$2,588,616	\$1,137,409	\$4,880,426	\$3,788,362	\$4,845,118	\$3,770,116	\$3,924,198
3. Actuarial Value of Assets	<u>2,560,966</u>	<u>1,087,167</u>	<u>5,132,444</u>	<u>3,692,801</u>	<u>4,714,645</u>	<u>3,607,015</u>	<u>3,386,437</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$27,650	\$50,242	(\$252,018)	\$95,561	\$130,473	\$163,101	\$537,761
5. Funded Ratio: (3) / (2)	98.9%	95.6%	105.2%	97.5%	97.3%	95.7%	86.3%
6. Annual payroll	\$1,680,862	\$1,239,250	\$2,879,471	\$1,348,463	\$1,203,049	\$3,212,825	\$1,343,266
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.70%	8.85%	6.15%	5.21%	8.97%	6.84%	5.95%
Prior Service	<u>0.12%</u>	<u>0.30%</u>	<u>-0.34%</u>	<u>0.51%</u>	<u>0.75%</u>	<u>0.37%</u>	<u>2.83%</u>
Full Retirement	6.82%	9.15%	5.81%	5.72%	9.72%	7.21%	8.78%
Supplemental Death Benefit	<u>0.40%</u>	<u>0.19%</u>	<u>0.21%</u>	<u>0.61%</u>	<u>0.42%</u>	<u>0.00%</u>	<u>0.34%</u>
Combined Contribution	7.22%	9.34%	6.02%	6.33%	10.14%	7.21%	9.12%
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	N/A	13.50%	9.50%	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.7 years	19.3 years	N/A	20.2 years	21.5 years	20.2 years	20.8 years
Number of Annuitants	15	3	17	24	14	15	11
Number of Active Contributing Members	30	24	55	30	24	57	30
Number of Inactive Members	32	11	55	59	12	37	13
Average age of Contributing Members	46.0 years	41.3 years	41.6 years	43.2 years	49.0 years	40.6 years	47.0 years
Average length of service of Contributing Members	9.0 years	7.8 years	9.1 years	8.2 years	7.5 years	6.9 years	11.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Katy	Kaufman	Keene	Keller	Kemah	Kemp	Kempner
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$39,610,750	\$7,520,753	\$2,543,845	\$60,052,155	\$2,019,843	\$1,045,163	\$12,872
b. Noncontributing Members	6,109,521	1,492,501	3,186,877	15,999,332	1,678,617	269,264	5,993
c. Annuitants	25,590,164	9,567,804	6,327,289	56,806,444	3,023,680	356,513	0
2. Total Actuarial Accrued Liability	\$71,310,435	\$18,581,058	\$12,058,011	\$132,857,931	\$6,722,140	\$1,670,940	\$18,865
3. Actuarial Value of Assets	65,563,703	16,533,490	11,386,895	115,698,298	6,809,480	1,472,505	20,960
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$5,746,732	\$2,047,568	\$671,116	\$17,159,633	(\$87,340)	\$198,435	(\$2,095)
5. Funded Ratio: (3) / (2)	91.9%	89.0%	94.4%	87.1%	101.3%	88.1%	111.1%
6. Annual payroll	\$19,171,327	\$4,442,190	\$2,674,512	\$21,442,709	\$2,709,533	\$756,296	\$176,706
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	11.61%	10.04%	10.19%	10.00%	6.27%	8.02%	1.24%
Prior Service	2.26%	3.42%	1.93%	6.42%	-0.13%	2.08%	-0.05%
Full Retirement	13.87%	13.46%	12.12%	16.42%	6.14%	10.10%	1.19%
Supplemental Death Benefit	0.23%	0.34%	0.39%	0.25%	0.31%	0.46%	0.07%
Combined Contribution	14.10%	13.80%	12.51%	16.67%	6.45%	10.56%	1.26%
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	N/A	N/A	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.8 years	19.5 years	18.4 years	18.0 years	N/A	17.5 years	N/A
Number of Annuitants	85	64	32	209	34	12	0
Number of Active Contributing Members	259	74	45	286	37	17	4
Number of Inactive Members	114	60	88	255	53	30	4
Average age of Contributing Members	39.6 years	41.0 years	40.4 years	40.6 years	43.8 years	43.9 years	34.4 years
Average length of service of Contributing Members	8.6 years	9.5 years	7.0 years	11.6 years	8.0 years	8.0 years	2.0 years

	Kenedy	Kennedale	Kerens	Kermit	Kerrville	Kerrville PUB	Kilgore
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,948,816	\$6,539,503	\$475,729	\$6,029,506	\$49,273,747	\$14,465,226	\$18,115,991
b. Noncontributing Members	1,568,418	6,417,781	63,094	3,317,268	10,317,817	6,383,214	4,378,667
c. Annuitants	1,397,922	10,676,738	208,802	6,297,737	43,524,459	14,296,774	33,172,936
2. Total Actuarial Accrued Liability	\$4,915,156	\$23,634,022	\$747,625	\$15,644,511	\$103,116,023	\$35,145,214	\$55,667,594
3. Actuarial Value of Assets	3,986,099	20,666,073	480,210	13,349,769	94,981,840	32,923,510	48,719,854
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$929,057	\$2,967,949	\$267,415	\$2,294,742	\$8,134,183	\$2,221,704	\$6,947,740
5. Funded Ratio: (3) / (2)	81.1%	87.4%	64.2%	85.3%	92.1%	93.7%	87.5%
6. Annual payroll	\$2,468,597	\$4,389,369	\$477,254	\$3,028,972	\$21,277,170	\$4,663,826	\$8,304,783
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.19%	10.83%	5.37%	8.46%	7.80%	8.97%	9.89%
Prior Service	2.85%	4.89%	6.96%	5.40%	2.68%	3.59%	6.06%
Full Retirement	10.04%	15.72%	12.33%	13.86%	10.48%	12.56%	15.95%
Supplemental Death Benefit	0.26%	0.31%	0.30%	0.45%	0.36%	0.35%	0.41%
Combined Contribution	10.30%	16.03%	12.63%	14.31%	10.84%	12.91%	16.36%
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	15.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	18.7 years	20.0 years	9.8 years	20.5 years	21.1 years	19.1 years	20.0 years
Number of Annuitants	16	68	2	36	280	49	151
Number of Active Contributing Members	48	64	11	56	324	55	143
Number of Inactive Members	92	131	5	107	232	31	111
Average age of Contributing Members	40.9 years	43.7 years	48.6 years	41.9 years	43.4 years	43.9 years	43.6 years
Average length of service of Contributing Members	7.4 years	9.0 years	8.6 years	6.2 years	10.3 years	12.0 years	9.2 years

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**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Killeen	Kingsville	Kirby	Kirbyville	Knox City	Kosse	Kountze
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$103,072,054	\$28,923,468	\$3,133,480	\$833,416	\$174,524	\$69,565	\$833,967
b. Noncontributing Members	21,275,279	8,427,732	1,877,102	320,237	125,285	5,040	138,725
c. Annuitants	<u>123,323,001</u>	<u>39,286,055</u>	<u>6,579,205</u>	<u>1,270,275</u>	<u>455,406</u>	<u>9,492</u>	<u>368,721</u>
2. Total Actuarial Accrued Liability	\$247,670,334	\$76,637,255	\$11,589,787	\$2,423,928	\$755,215	\$84,097	\$1,341,413
3. Actuarial Value of Assets	<u>211,438,698</u>	<u>72,636,830</u>	<u>10,276,965</u>	<u>2,070,039</u>	<u>874,933</u>	<u>92,305</u>	<u>1,291,602</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$36,231,636	\$4,000,425	\$1,312,822	\$353,889	(\$119,718)	(\$8,208)	\$49,811
5. Funded Ratio: (3) / (2)	85.4%	94.8%	88.7%	85.4%	115.9%	109.8%	96.3%
6. Annual payroll	\$54,980,443	\$13,439,190	\$2,078,469	\$1,080,400	\$395,408	\$190,981	\$1,083,401
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.41%	6.70%	11.18%	3.14%	2.82%	1.76%	2.77%
Prior Service	<u>6.84%</u>	<u>2.39%</u>	<u>4.42%</u>	<u>2.32%</u>	<u>-1.18%</u>	<u>-0.17%</u>	<u>0.34%</u>
Full Retirement	14.25%	9.09%	15.60%	5.46%	1.64%	1.59%	3.11%
Supplemental Death Benefit	<u>0.33%</u>	<u>0.00%</u>	<u>0.28%</u>	<u>0.72%</u>	<u>0.73%</u>	<u>0.23%</u>	<u>0.35%</u>
Combined Contribution	14.58%	9.09%	15.88%	6.18%	2.37%	1.82%	3.46%
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	N/A	N/A	7.50%	9.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	12.2 years	17.2 years	21.1 years	20.9 years	N/A	N/A	19.2 years
Number of Annuitants	664	209	43	18	10	1	6
Number of Active Contributing Members	959	275	49	26	8	6	21
Number of Inactive Members	684	200	121	37	10	3	63
Average age of Contributing Members	42.4 years	43.3 years	42.3 years	47.1 years	41.7 years	44.1 years	44.5 years
Average length of service of Contributing Members	10.6 years	9.1 years	7.7 years	5.8 years	10.7 years	3.7 years	7.0 years

	Krugerville	Krum	Kyle	La Coste	La Feria	La Grange	La Grulla
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$774,727	\$2,778,372	\$27,469,188	\$264,158	\$3,988,005	\$9,769,586	\$222,817
b. Noncontributing Members	303,771	636,081	5,717,005	106,769	1,271,081	957,874	211,570
c. Annuitants	<u>85,854</u>	<u>857,578</u>	<u>9,465,778</u>	<u>127,077</u>	<u>4,483,509</u>	<u>9,722,170</u>	<u>389,635</u>
2. Total Actuarial Accrued Liability	\$1,164,352	\$4,272,031	\$42,651,971	\$498,004	\$9,742,595	\$20,449,630	\$824,022
3. Actuarial Value of Assets	<u>1,172,274</u>	<u>4,199,222</u>	<u>37,225,550</u>	<u>559,153</u>	<u>7,809,482</u>	<u>18,534,124</u>	<u>1,155,017</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$7,922)	\$72,809	\$5,426,421	(\$61,149)	\$1,933,113	\$1,915,506	(\$330,995)
5. Funded Ratio: (3) / (2)	100.7%	98.3%	87.3%	112.3%	80.2%	90.6%	140.2%
6. Annual payroll	\$806,201	\$3,285,217	\$17,664,373	\$373,439	\$2,355,493	\$3,238,273	\$636,799
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.33%	6.20%	10.92%	2.00%	7.98%	9.30%	6.93%
Prior Service	<u>-0.04%</u>	<u>0.16%</u>	<u>2.19%</u>	<u>-0.64%</u>	<u>7.71%</u>	<u>5.53%</u>	<u>-2.02%</u>
Full Retirement	7.29%	6.36%	13.11%	1.36%	15.69%	14.83%	4.91%
Supplemental Death Benefit	<u>0.21%</u>	<u>0.22%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.41%</u>	<u>0.55%</u>	<u>0.41%</u>
Combined Contribution	7.50%	6.58%	13.31%	1.36%	16.10%	15.38%	5.32%
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	13.50%	13.50%	8.50%	N/A	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	19.4 years	20.5 years	N/A	13.9 years	14.0 years	N/A
Number of Annuitants	3	15	47	5	37	48	8
Number of Active Contributing Members	11	52	278	8	53	60	22
Number of Inactive Members	7	45	175	7	75	40	28
Average age of Contributing Members	46.0 years	42.5 years	39.5 years	44.5 years	44.0 years	49.1 years	44.3 years
Average length of service of Contributing Members	10.9 years	8.9 years	7.4 years	10.7 years	9.2 years	11.3 years	3.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	La Joya	La Marque	La Porte	La Vernia	Lacy-Lakeview	Ladonia	Lago Vista
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$774,992	\$14,318,262	\$90,682,906	\$573,876	\$5,320,765	\$10,870	\$6,452,618
b. Noncontributing Members	333,525	6,709,335	12,051,831	188,561	1,801,868	39,477	2,201,055
c. Annuitants	747,942	18,513,710	102,393,297	297,117	3,927,975	35,326	6,161,472
2. Total Actuarial Accrued Liability	\$1,856,459	\$39,541,307	\$205,128,034	\$1,059,554	\$11,050,608	\$85,673	\$14,815,145
3. Actuarial Value of Assets	1,198,238	33,330,446	183,085,756	913,677	9,934,980	160,242	13,935,443
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$658,221	\$6,210,861	\$22,042,278	\$145,877	\$1,115,628	(\$74,569)	\$879,702
5. Funded Ratio: (3) / (2)	64.5%	84.3%	89.3%	86.2%	89.9%	187.0%	94.1%
6. Annual payroll	\$1,751,906	\$9,292,120	\$27,567,644	\$1,085,841	\$2,491,359	\$91,701	\$5,356,462
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.65%	9.62%	9.17%	3.99%	10.56%	7.05%	7.44%
Prior Service	3.35%	4.80%	7.88%	0.98%	3.10%	-3.17%	1.23%
Full Retirement	5.00%	14.42%	17.05%	4.97%	13.66%	3.88%	8.67%
Supplemental Death Benefit	0.43%	0.34%	0.31%	0.25%	0.35%	0.57%	0.41%
Combined Contribution	5.43%	14.76%	17.36%	5.22%	14.01%	4.45%	9.08%
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	N/A	N/A	N/A	N/A	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.9 years	21.1 years	13.1 years	19.7 years	21.4 years	N/A	18.9 years
Number of Annuitants	12	112	272	6	30	2	50
Number of Active Contributing Members	50	137	371	21	49	2	94
Number of Inactive Members	62	176	231	14	44	8	72
Average age of Contributing Members	44.2 years	40.5 years	42.8 years	41.8 years	43.1 years	36.1 years	47.1 years
Average length of service of Contributing Members	5.9 years	6.9 years	12.0 years	6.7 years	9.1 years	1.1 years	8.0 years

	Laguna Vista	Lake Dallas	Lake Jackson	Lake Worth	Lakeport	Lakeside	Lakeside City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$474,095	\$1,740,702	\$28,477,330	\$14,733,401	\$178,040	\$1,610,283	\$218,344
b. Noncontributing Members	223,585	3,450,707	8,304,989	4,853,071	195,962	325,632	52,032
c. Annuitants	275,446	6,246,657	43,548,601	11,978,060	25,570	614,319	50,634
2. Total Actuarial Accrued Liability	\$973,126	\$11,438,066	\$80,330,920	\$31,564,532	\$399,572	\$2,550,234	\$321,010
3. Actuarial Value of Assets	1,208,527	10,733,918	75,013,239	26,222,312	563,354	2,234,292	309,619
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$235,401)	\$704,148	\$5,317,681	\$5,342,220	(\$163,782)	\$315,942	\$11,391
5. Funded Ratio: (3) / (2)	124.2%	93.8%	93.4%	83.1%	141.0%	87.6%	96.5%
6. Annual payroll	\$936,474	\$2,178,864	\$13,361,377	\$6,937,953	\$189,438	\$1,042,740	\$193,578
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.84%	11.49%	8.02%	11.42%	3.42%	8.32%	4.62%
Prior Service	-0.98%	2.30%	4.24%	5.78%	-3.37%	2.48%	0.90%
Full Retirement	3.86%	13.79%	12.26%	17.20%	0.05%	10.80%	5.52%
Supplemental Death Benefit	0.23%	0.36%	0.39%	0.25%	0.46%	0.62%	0.62%
Combined Contribution	4.09%	14.15%	12.65%	17.45%	0.57%	11.26%	6.14%
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	13.50%	N/A	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	20.5 years	11.8 years	19.0 years	N/A	16.8 years	7.6 years
Number of Annuitants	2	48	170	62	1	11	3
Number of Active Contributing Members	19	31	233	106	6	19	4
Number of Inactive Members	15	76	240	84	6	24	2
Average age of Contributing Members	46.3 years	43.1 years	41.5 years	40.8 years	52.1 years	46.3 years	51.3 years
Average length of service of Contributing Members	9.1 years	6.7 years	8.7 years	10.8 years	6.7 years	13.5 years	13.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Lakeway	Lamesa	Lampasas	Lancaster	Laredo	Lavon	League City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$16,779,832	\$5,632,166	\$17,764,394	\$42,881,257	\$425,045,305	\$2,653,007	\$94,217,527
b. Noncontributing Members	5,871,837	1,845,355	2,498,405	17,369,187	26,558,907	361,556	17,533,976
c. Annuitants	9,799,962	9,326,653	15,036,338	48,792,279	381,290,374	391,174	89,191,841
2. Total Actuarial Accrued Liability	\$32,451,631	\$16,804,174	\$35,299,137	\$109,042,723	\$832,894,586	\$3,405,737	\$200,943,344
3. Actuarial Value of Assets	27,996,334	17,952,268	29,780,617	93,449,685	688,210,811	2,266,319	174,469,060
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$4,455,297	(\$1,148,094)	\$5,518,520	\$15,593,038	\$144,683,775	\$1,139,418	\$26,474,284
5. Funded Ratio: (3) / (2)	86.3%	106.8%	84.4%	85.7%	82.6%	66.5%	86.8%
6. Annual payroll	\$8,429,119	\$4,590,442	\$6,395,569	\$20,817,968	\$136,777,033	\$1,506,990	\$41,294,258
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.92%	5.04%	10.04%	8.90%	10.31%	11.41%	9.70%
Prior Service	3.75%	-0.97%	6.70%	5.35%	10.79%	5.85%	5.39%
Full Retirement	13.67%	4.07%	16.74%	14.25%	21.10%	17.26%	15.09%
Supplemental Death Benefit	0.34%	0.00%	0.38%	0.28%	0.35%	0.29%	0.31%
Combined Contribution	14.01%	4.07%	17.12%	14.53%	21.45%	17.55%	15.40%
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)	15.50%	13.50%	N/A	N/A	N/A	N/A	15.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.7 years	N/A	18.1 years	21.0 years	12.5 years	18.2 years	16.1 years
Number of Annuitants	77	61	73	231	1,284	8	307
Number of Active Contributing Members	121	88	120	271	2,415	29	582
Number of Inactive Members	102	110	64	282	765	16	376
Average age of Contributing Members	45.2 years	45.9 years	43.9 years	41.3 years	43.9 years	43.5 years	41.8 years
Average length of service of Contributing Members	8.5 years	6.6 years	11.0 years	8.7 years	10.1 years	8.9 years	9.5 years

	Leander	Lefors	Leon Valley	Leonard	Levelland	Lewisville	Lexington
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$45,922,398	\$94,406	\$15,319,572	\$266,947	\$11,729,608	\$172,752,372	\$285,628
b. Noncontributing Members	7,224,450	24,320	6,111,897	301,224	3,676,805	29,884,292	558,217
c. Annuitants	13,492,402	0	32,688,227	405,918	18,297,973	199,140,780	1,276,860
2. Total Actuarial Accrued Liability	\$66,639,250	\$118,726	\$54,119,696	\$974,089	\$33,704,386	\$401,777,444	\$2,120,705
3. Actuarial Value of Assets	57,496,416	119,006	47,144,581	1,173,302	32,882,354	352,453,216	1,963,256
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$9,142,834	(\$280)	\$6,975,115	(\$199,213)	\$822,032	\$49,324,228	\$157,449
5. Funded Ratio: (3) / (2)	86.3%	100.2%	87.1%	120.5%	97.6%	87.7%	92.6%
6. Annual payroll	\$29,401,040	\$185,395	\$7,196,917	\$800,955	\$5,641,705	\$64,973,341	\$436,008
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.80%	4.14%	11.50%	5.77%	9.09%	10.62%	6.65%
Prior Service	2.20%	-0.01%	7.93%	-0.97%	1.05%	6.95%	3.22%
Full Retirement	12.00%	4.13%	19.43%	4.80%	10.14%	17.57%	9.87%
Supplemental Death Benefit	0.21%	0.11%	0.43%	0.40%	0.32%	0.00%	0.00%
Combined Contribution	12.21%	4.24%	19.86%	5.20%	10.46%	17.57%	9.87%
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)	13.50%	N/A	N/A	13.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.7 years	N/A	16.8 years	N/A	20.1 years	14.4 years	14.9 years
Number of Annuitants	90	0	127	10	66	556	10
Number of Active Contributing Members	398	6	108	16	96	805	10
Number of Inactive Members	182	16	89	29	51	515	25
Average age of Contributing Members	41.1 years	39.7 years	45.1 years	44.1 years	42.2 years	40.8 years	42.5 years
Average length of service of Contributing Members	8.4 years	3.5 years	12.0 years	4.0 years	10.3 years	11.1 years	5.5 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Liberty	Liberty Hill	Lindale	Linden	Lindsay	Lipan	Little Elm
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,646,701	\$1,848,095	\$5,143,158	\$427,008	\$80,440	\$183,519	\$42,991,749
b. Noncontributing Members	2,767,262	874,180	1,116,918	174,522	0	55,324	9,738,662
c. Annuitants	9,129,066	306,702	5,286,210	387,774	0	33,611	12,121,628
2. Total Actuarial Accrued Liability	\$19,543,029	\$3,028,977	\$11,546,286	\$989,304	\$80,440	\$272,454	\$64,852,039
3. Actuarial Value of Assets	16,305,606	3,094,797	9,131,497	1,106,994	69,964	275,985	56,878,991
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,237,423	(\$65,820)	\$2,414,789	(\$117,690)	\$10,476	(\$3,531)	\$7,973,048
5. Funded Ratio: (3) / (2)	83.4%	102.2%	79.1%	111.9%	87.0%	101.3%	87.7%
6. Annual payroll	\$5,449,587	\$4,096,295	\$3,203,527	\$708,957	\$184,514	\$192,749	\$24,026,792
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.32%	6.64%	8.77%	1.62%	4.13%	1.69%	10.96%
Prior Service	9.34%	-0.06%	6.65%	-0.65%	0.95%	-0.07%	2.41%
Full Retirement	14.66%	6.58%	15.42%	0.97%	5.08%	1.62%	13.37%
Supplemental Death Benefit	0.00%	0.21%	0.00%	0.44%	0.33%	0.32%	0.18%
Combined Contribution	14.66%	6.79%	15.42%	1.41%	5.41%	1.94%	13.55%
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	N/A	N/A	7.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	7.6 years	N/A	15.1 years	N/A	6.9 years	N/A	20.0 years
Number of Annuitants	57	6	22	10	0	1	77
Number of Active Contributing Members	98	62	59	18	4	5	302
Number of Inactive Members	146	49	48	20	0	1	218
Average age of Contributing Members	42.8 years	42.3 years	44.6 years	46.7 years	52.9 years	48.9 years	39.7 years
Average length of service of Contributing Members	8.7 years	7.0 years	8.0 years	8.2 years	3.6 years	8.6 years	8.6 years

	Littlefield	Live Oak	Liverpool	Livingston	Llano	Lockhart	Lockney
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,300,180	\$24,898,183	\$133,664	\$16,990,312	\$3,613,275	\$15,433,557	\$202,769
b. Noncontributing Members	1,529,725	6,171,808	34,463	1,686,178	2,201,016	4,739,380	84,021
c. Annuitants	4,122,337	26,276,541	0	16,368,208	4,253,617	21,899,893	204,478
2. Total Actuarial Accrued Liability	\$9,952,242	\$57,346,532	\$168,127	\$35,044,698	\$10,067,908	\$42,072,830	\$491,268
3. Actuarial Value of Assets	9,987,783	49,544,078	169,611	30,881,728	8,927,160	36,837,410	1,021,647
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$35,541)	\$7,802,454	(\$1,484)	\$4,162,970	\$1,140,748	\$5,235,420	(\$530,379)
5. Funded Ratio: (3) / (2)	100.4%	86.4%	100.9%	88.1%	88.7%	87.6%	208.0%
6. Annual payroll	\$2,635,840	\$8,080,515	\$252,733	\$5,051,179	\$2,387,671	\$7,836,802	\$468,854
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.50%	11.00%	1.78%	9.05%	7.89%	7.22%	2.68%
Prior Service	-0.05%	8.28%	-0.02%	7.66%	4.07%	5.84%	-2.68%
Full Retirement	6.45%	19.28%	1.76%	16.71%	11.96%	13.06%	0.00%
Supplemental Death Benefit	0.55%	0.33%	0.39%	0.43%	0.83%	0.41%	0.46%
Combined Contribution	7.00%	19.61%	2.15%	17.14%	12.79%	13.47%	0.46%
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	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.7 years	N/A	14.1 years	16.0 years	15.3 years	N/A
Number of Annuitants	46	97	0	49	44	101	2
Number of Active Contributing Members	59	116	5	83	38	136	11
Number of Inactive Members	65	88	3	25	55	140	8
Average age of Contributing Members	45.1 years	43.4 years	47.3 years	45.9 years	47.8 years	41.9 years	45.0 years
Average length of service of Contributing Members	8.9 years	13.0 years	6.2 years	11.9 years	9.2 years	9.0 years	4.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Log Cabin	Lone Oak	Lone Star	Longview	Lorraine	Lorena	Lorenzo
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$157,394	\$169,921	\$128,371	\$86,766,821	\$28,942	\$1,492,431	\$139,517
b. Noncontributing Members	0	42,483	167,704	13,867,492	73,973	510,228	37,331
c. Annuitants	0	0	1,392,231	115,268,199	40,515	459,478	269,709
2. Total Actuarial Accrued Liability	\$157,394	\$212,404	\$1,688,306	\$215,902,512	\$143,430	\$2,462,137	\$446,557
3. Actuarial Value of Assets	13,868	64,138	1,763,130	196,916,116	160,013	2,309,774	692,726
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$143,526	\$148,266	(\$74,824)	\$18,986,396	(\$16,583)	\$152,363	(\$246,169)
5. Funded Ratio: (3) / (2)	8.8%	30.2%	104.4%	91.2%	111.6%	93.8%	155.1%
6. Annual payroll	\$394,949	\$416,953	\$386,914	\$36,519,315	\$121,164	\$746,813	\$240,863
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.32%	1.85%	3.63%	7.32%	3.38%	8.76%	5.44%
Prior Service	3.40%	3.32%	-0.75%	5.11%	-0.53%	1.55%	-3.98%
Full Retirement	5.72%	5.17%	2.88%	12.43%	2.85%	10.31%	1.46%
Supplemental Death Benefit	0.15%	0.18%	0.51%	0.50%	0.16%	0.38%	0.00%
Combined Contribution	5.87%	5.35%	3.39%	12.93%	3.01%	10.69%	1.46%
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	N/A	7.50%	15.50%	N/A	12.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.0 years	14.0 years	N/A	13.1 years	N/A	18.7 years	N/A
Number of Annuitants	0	0	12	589	2	10	6
Number of Active Contributing Members	9	10	8	623	3	17	6
Number of Inactive Members	0	4	18	397	6	11	5
Average age of Contributing Members	43.7 years	48.0 years	39.7 years	43.4 years	46.7 years	49.0 years	46.7 years
Average length of service of Contributing Members	3.8 years	6.8 years	5.1 years	10.1 years	2.2 years	12.5 years	4.5 years

	Los Fresnos	Los Indios	Lott	Lovelady	Lubbock	Lucas	Lufkin
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,422,392	\$4,102	\$106,295	\$177,441	\$316,698,920	\$4,908,502	\$43,704,976
b. Noncontributing Members	789,733	0	175,257	0	49,314,890	1,373,486	8,718,463
c. Annuitants	1,292,058	0	23,525	10,445	498,080,905	1,245,610	67,614,985
2. Total Actuarial Accrued Liability	\$6,504,183	\$4,102	\$305,077	\$187,886	\$864,094,715	\$7,527,598	\$120,038,424
3. Actuarial Value of Assets	5,837,207	6,879	337,964	181,327	749,013,076	6,683,533	105,213,971
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$666,976	(\$2,777)	(\$32,887)	\$6,559	\$115,081,639	\$844,065	\$14,824,453
5. Funded Ratio: (3) / (2)	89.7%	167.7%	110.8%	96.5%	86.7%	88.8%	87.7%
6. Annual payroll	\$2,560,459	\$247,312	\$235,262	\$138,092	\$122,038,081	\$3,222,493	\$17,125,866
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.76%	4.25%	2.55%	6.04%	9.92%	10.25%	8.60%
Prior Service	1.88%	-0.04%	-0.54%	1.35%	7.99%	1.95%	8.04%
Full Retirement	6.64%	4.21%	2.01%	7.39%	17.91%	12.20%	16.64%
Supplemental Death Benefit	0.37%	0.12%	0.66%	0.35%	0.00%	0.21%	0.45%
Combined Contribution	7.01%	4.33%	2.67%	7.74%	17.91%	12.41%	17.09%
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	15.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.2 years	N/A	N/A	3.8 years	16.0 years	19.2 years	14.1 years
Number of Annuitants	20	0	4	1	1,566	24	284
Number of Active Contributing Members	59	7	3	3	1,850	44	332
Number of Inactive Members	42	0	28	0	1,099	26	226
Average age of Contributing Members	42.2 years	37.2 years	61.4 years	44.7 years	43.2 years	38.5 years	42.8 years
Average length of service of Contributing Members	10.4 years	2.8 years	8.1 years	8.7 years	9.7 years	7.2 years	9.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Luling	Lumberton	Lyford	Lytle	Madisonville	Magnolia	Malakoff
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,988,736	\$8,708,455	\$183,225	\$3,237,947	\$2,481,513	\$1,232,762	\$1,652,919
b. Noncontributing Members	1,012,712	377,562	105,936	101,622	793,993	377,524	253,254
c. Annuitants	5,059,096	5,363,349	416,410	1,825,248	2,230,885	704,103	1,037,393
2. Total Actuarial Accrued Liability	\$12,060,544	\$14,449,366	\$705,571	\$5,164,817	\$5,506,391	\$2,314,389	\$2,943,566
3. Actuarial Value of Assets	11,881,156	12,651,686	711,138	4,698,724	5,296,304	2,414,237	3,311,256
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$179,388	\$1,797,680	(\$5,567)	\$466,093	\$210,087	(\$99,848)	(\$367,690)
5. Funded Ratio: (3) / (2)	98.5%	87.6%	100.8%	91.0%	96.2%	104.3%	112.5%
6. Annual payroll	\$4,035,762	\$2,695,893	\$368,251	\$1,582,050	\$1,751,804	\$2,118,014	\$1,516,744
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.36%	10.46%	1.52%	6.91%	6.50%	4.84%	6.16%
Prior Service	0.32%	5.95%	-0.06%	2.46%	0.91%	-0.18%	-0.94%
Full Retirement	6.68%	16.41%	1.46%	9.37%	7.41%	4.66%	5.22%
Supplemental Death Benefit	0.58%	0.50%	0.00%	0.37%	0.46%	0.33%	0.36%
Combined Contribution	7.26%	16.91%	1.46%	9.74%	7.87%	4.99%	5.58%
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	11.50%	11.50%	12.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.0 years	14.9 years	N/A	16.3 years	18.7 years	N/A	N/A
Number of Annuitants	44	30	4	6	25	16	18
Number of Active Contributing Members	81	43	13	29	36	40	22
Number of Inactive Members	98	19	27	9	40	45	10
Average age of Contributing Members	47.7 years	48.4 years	44.3 years	46.8 years	44.1 years	43.2 years	49.6 years
Average length of service of Contributing Members	10.5 years	12.3 years	6.6 years	9.4 years	9.0 years	5.0 years	10.6 years

	Manor	Mansfield	Manvel	Marble Falls	Marfa	Marion	Marlin
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,391,334	\$122,448,986	\$4,476,486	\$16,142,475	\$1,941,063	\$262,654	\$2,095,771
b. Noncontributing Members	1,207,561	13,705,357	865,452	3,170,290	466,671	147,548	1,583,374
c. Annuitants	2,099,933	102,808,906	1,599,654	16,475,007	1,412,773	676,890	2,704,915
2. Total Actuarial Accrued Liability	\$7,698,828	\$238,963,249	\$6,941,592	\$35,787,772	\$3,820,507	\$1,087,092	\$6,384,060
3. Actuarial Value of Assets	6,813,519	204,622,871	5,968,854	29,528,489	4,195,872	1,365,010	6,182,958
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$885,309	\$34,340,378	\$972,738	\$6,259,283	(\$375,365)	(\$277,918)	\$201,102
5. Funded Ratio: (3) / (2)	88.5%	85.6%	86.0%	82.5%	109.8%	125.6%	96.8%
6. Annual payroll	\$5,412,325	\$44,149,998	\$5,844,760	\$8,678,664	\$1,985,513	\$479,361	\$2,494,019
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.90%	11.71%	5.92%	8.70%	3.44%	5.78%	6.83%
Prior Service	2.01%	5.98%	2.61%	5.52%	-0.74%	-2.26%	0.57%
Full Retirement	7.91%	17.69%	8.53%	14.22%	2.70%	3.52%	7.40%
Supplemental Death Benefit	0.18%	0.23%	0.19%	0.31%	0.63%	0.67%	0.60%
Combined Contribution	8.09%	17.92%	8.72%	14.53%	3.33%	4.19%	8.00%
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	N/A	13.50%	15.50%	11.50%	11.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	9.9 years	18.3 years	7.4 years	19.3 years	N/A	N/A	20.5 years
Number of Annuitants	13	284	14	105	24	9	53
Number of Active Contributing Members	82	499	91	134	41	9	59
Number of Inactive Members	56	224	53	87	37	22	129
Average age of Contributing Members	39.0 years	41.3 years	39.2 years	39.9 years	42.8 years	41.7 years	43.9 years
Average length of service of Contributing Members	7.9 years	11.5 years	6.1 years	8.5 years	6.3 years	5.9 years	5.3 years

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**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Marquez	Marshall	Mart	Martindale	Mason	Matador	Mathis
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$117,915	\$20,328,471	\$238,881	\$136,527	\$1,123,125	\$7,952	\$1,279,843
b. Noncontributing Members	0	4,139,623	446,710	111,742	286,026	22,087	888,956
c. Annuitants	49,512	42,556,213	834,610	79,828	2,904,500	210,554	1,615,561
2. Total Actuarial Accrued Liability	\$167,427	\$67,024,307	\$1,520,201	\$328,097	\$4,313,651	\$240,593	\$3,784,360
3. Actuarial Value of Assets	93,048	59,664,642	1,978,850	321,449	3,983,597	250,104	4,804,796
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$74,379	\$7,359,665	(\$458,649)	\$6,648	\$330,054	(\$9,511)	(\$1,020,436)
5. Funded Ratio: (3) / (2)	55.6%	89.0%	130.2%	98.0%	92.3%	104.0%	127.0%
6. Annual payroll	\$78,497	\$9,315,445	\$654,969	\$230,395	\$1,387,976	\$169,825	\$2,345,110
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.14%	9.89%	5.43%	5.14%	4.22%	1.12%	5.61%
Prior Service	24.71%	6.61%	-2.73%	0.33%	2.28%	-0.22%	-1.69%
Full Retirement	26.85%	16.50%	2.70%	5.47%	6.50%	0.90%	3.92%
Supplemental Death Benefit	0.50%	0.56%	0.69%	0.28%	0.63%	0.43%	0.46%
Combined Contribution	27.35%	17.06%	3.39%	5.75%	7.13%	1.33%	4.38%
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	N/A	9.50%	N/A	9.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	4.2 years	17.2 years	N/A	11.0 years	13.5 years	N/A	N/A
Number of Annuitants	1	208	14	2	23	3	34
Number of Active Contributing Members	2	184	11	6	29	3	52
Number of Inactive Members	0	115	32	6	12	4	114
Average age of Contributing Members	60.3 years	45.5 years	45.7 years	46.1 years	42.2 years	33.8 years	41.3 years
Average length of service of Contributing Members	14.3 years	8.5 years	6.4 years	6.1 years	6.2 years	1.3 years	4.5 years

	Maud	Maypearl	McAllen	McCamey	McGregor	McKinney	McLean
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$72,808	\$16,672	\$183,778,587	\$1,248,617	\$5,071,031	\$266,265,036	\$340,736
b. Noncontributing Members	94,959	64,189	35,020,191	62,815	1,443,967	46,188,915	122,647
c. Annuitants	62,221	199,386	131,885,408	812,417	4,598,903	128,620,460	178,777
2. Total Actuarial Accrued Liability	\$229,988	\$280,247	\$350,684,186	\$2,123,849	\$11,113,901	\$441,074,411	\$642,160
3. Actuarial Value of Assets	221,349	321,092	328,448,821	2,312,066	9,872,455	382,140,491	643,940
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$8,639	(\$40,845)	\$22,235,365	(\$188,217)	\$1,241,446	\$58,933,920	(\$1,780)
5. Funded Ratio: (3) / (2)	96.2%	114.6%	93.7%	108.9%	88.8%	86.6%	100.3%
6. Annual payroll	\$281,363	\$316,119	\$84,249,780	\$631,992	\$2,816,802	\$104,135,424	\$292,681
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.62%	1.75%	4.58%	2.99%	9.92%	11.47%	1.97%
Prior Service	0.57%	-0.50%	4.03%	-1.16%	3.26%	4.01%	-0.02%
Full Retirement	3.19%	1.25%	8.61%	1.83%	13.18%	15.48%	1.95%
Supplemental Death Benefit	0.34%	0.26%	0.00%	0.20%	0.57%	0.21%	0.48%
Combined Contribution	3.53%	1.51%	8.61%	2.03%	13.75%	15.69%	2.43%
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	7.50%	13.50%	9.50%	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	6.1 years	N/A	7.7 years	N/A	19.4 years	20.7 years	N/A
Number of Annuitants	1	5	695	3	45	431	3
Number of Active Contributing Members	7	9	1,666	13	53	1,250	6
Number of Inactive Members	14	22	632	7	47	668	6
Average age of Contributing Members	50.0 years	42.8 years	42.2 years	41.1 years	45.8 years	41.5 years	57.5 years
Average length of service of Contributing Members	11.1 years	1.9 years	10.1 years	8.9 years	9.5 years	11.0 years	11.3 years

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	McLendon-Chisholm	Meadow	Meadowlakes	Meadows Place	Melissa	Memorial Villages PD	Memphis
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$181,124	\$77,225	\$780,065	\$3,502,938	\$8,446,375	\$4,922,888	\$1,959,437
b. Noncontributing Members	138,942	19,574	76,723	1,524,765	978,941	2,061,542	58,402
c. Annuitants	71,492	15,842	133,802	4,838,639	2,588,417	9,879,944	1,559,314
2. Total Actuarial Accrued Liability	\$391,558	\$112,641	\$990,590	\$9,866,342	\$12,013,733	\$16,864,374	\$3,577,153
3. Actuarial Value of Assets	429,373	103,073	1,027,378	8,736,364	9,079,917	14,398,552	3,179,963
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$37,815)	\$9,568	(\$36,788)	\$1,129,978	\$2,933,816	\$2,465,822	\$397,190
5. Funded Ratio: (3) / (2)	109.7%	91.5%	103.7%	88.5%	75.6%	85.4%	88.9%
6. Annual payroll	\$772,212	\$139,197	\$884,886	\$2,341,837	\$4,983,866	\$3,910,878	\$660,237
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.12%	1.74%	2.23%	6.28%	11.58%	6.73%	6.80%
Prior Service	-0.19%	1.36%	-0.16%	5.77%	4.43%	4.42%	4.51%
Full Retirement	7.93%	3.10%	2.07%	12.05%	16.01%	11.15%	11.31%
Supplemental Death Benefit	0.36%	0.32%	0.58%	0.33%	0.19%	0.35%	0.44%
Combined Contribution	8.29%	3.42%	2.65%	12.38%	16.20%	11.50%	11.75%
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	N/A	N/A	13.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	5.7 years	N/A	10.2 years	18.9 years	21.0 years	19.0 years
Number of Annuitants	2	1	3	25	23	45	10
Number of Active Contributing Members	14	4	21	35	74	44	18
Number of Inactive Members	9	11	13	37	52	25	14
Average age of Contributing Members	50.2 years	46.6 years	50.6 years	43.8 years	39.8 years	44.7 years	50.7 years
Average length of service of Contributing Members	7.6 years	5.6 years	5.3 years	11.3 years	8.3 years	13.4 years	12.3 years

	Menard	Mercedes	Meridian	Merkel	Mertzton	Mesquite	Mexia
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$227,095	\$7,416,135	\$945,864	\$964,969	\$246,427	\$235,209,351	\$8,480,059
b. Noncontributing Members	90,751	3,254,728	50,406	368,798	103,062	34,788,739	3,629,717
c. Annuitants	1,465,529	15,569,411	39,005	980,854	197,731	320,012,187	9,248,132
2. Total Actuarial Accrued Liability	\$1,783,375	\$26,240,274	\$1,035,275	\$2,314,621	\$547,220	\$590,010,277	\$21,357,908
3. Actuarial Value of Assets	2,104,815	23,002,753	1,206,625	1,962,073	368,993	522,175,187	20,809,285
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$321,440)	\$3,237,521	(\$171,350)	\$352,548	\$178,227	\$67,835,090	\$548,623
5. Funded Ratio: (3) / (2)	118.0%	87.7%	116.6%	84.8%	67.4%	88.5%	97.4%
6. Annual payroll	\$353,392	\$5,688,697	\$587,725	\$649,073	\$217,796	\$88,440,112	\$3,769,726
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.81%	10.42%	4.36%	9.57%	4.38%	8.40%	9.47%
Prior Service	-3.54%	5.09%	-1.14%	4.18%	6.74%	10.61%	1.03%
Full Retirement	0.27%	15.51%	3.22%	13.75%	11.12%	19.01%	10.50%
Supplemental Death Benefit	0.00%	0.29%	0.24%	0.29%	0.36%	0.00%	0.45%
Combined Contribution	0.27%	15.80%	3.46%	14.04%	11.48%	19.01%	10.95%
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	N/A	11.50%	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	14.8 years	N/A	18.3 years	16.6 years	8.6 years	21.1 years
Number of Annuitants	7	83	2	8	2	950	69
Number of Active Contributing Members	9	139	13	16	5	1,146	83
Number of Inactive Members	10	148	12	19	6	608	114
Average age of Contributing Members	53.2 years	37.8 years	46.4 years	41.4 years	45.7 years	42.5 years	42.7 years
Average length of service of Contributing Members	7.1 years	6.3 years	9.7 years	6.6 years	8.7 years	10.8 years	8.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Miami	Midland	Midlothian	Milano	Miles	Milford	Mineola
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$19,388	\$140,876,094	\$42,137,006	\$44,632	\$124,665	\$94,518	\$4,640,102
b. Noncontributing Members	148,379	29,426,290	8,680,689	0	173,632	264,519	628,566
c. Annuitants	65,266	222,040,288	25,239,131	0	41,737	528,344	4,636,456
2. Total Actuarial Accrued Liability	\$233,033	\$392,342,672	\$76,056,826	\$44,632	\$340,034	\$887,381	\$9,905,124
3. Actuarial Value of Assets	212,198	343,135,960	64,523,189	45,011	433,890	845,137	8,966,802
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$20,835	\$49,206,712	\$11,533,637	(\$379)	(\$93,856)	\$42,244	\$938,322
5. Funded Ratio: (3) / (2)	91.1%	87.5%	84.8%	100.8%	127.6%	95.2%	90.5%
6. Annual payroll	\$117,814	\$58,293,930	\$21,042,476	\$36,308	\$249,658	\$269,532	\$2,637,658
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.57%	8.06%	11.61%	3.34%	2.19%	3.39%	7.72%
Prior Service	6.24%	7.22%	3.87%	-0.04%	-1.46%	2.17%	2.84%
Full Retirement	8.81%	15.28%	15.48%	3.30%	0.73%	5.56%	10.56%
Supplemental Death Benefit	0.27%	0.38%	0.25%	1.07%	0.41%	0.58%	0.37%
Combined Contribution	9.08%	15.66%	15.73%	4.37%	1.14%	6.14%	10.93%
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	N/A	N/A	N/A	7.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	3.0 years	15.8 years	20.8 years	N/A	N/A	9.0 years	17.3 years
Number of Annuitants	1	693	123	0	1	7	40
Number of Active Contributing Members	4	763	284	1	6	6	50
Number of Inactive Members	1	725	166	0	7	13	45
Average age of Contributing Members	52.9 years	40.7 years	42.3 years	73.2 years	49.6 years	35.7 years	43.5 years
Average length of service of Contributing Members	2.2 years	8.9 years	10.4 years	13.3 years	14.9 years	3.7 years	9.4 years

	Mineral Wells	Mission	Missouri City	Monahans	Mont Belvieu	Montgomery	Moody
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,744,037	\$76,192,520	\$53,045,263	\$8,661,696	\$16,044,348	\$1,652,229	\$448,665
b. Noncontributing Members	3,829,049	8,643,840	19,730,361	1,113,763	3,617,623	730,977	38,028
c. Annuitants	23,442,435	42,055,578	64,367,998	7,269,993	13,942,862	690,338	472,982
2. Total Actuarial Accrued Liability	\$40,015,521	\$126,891,938	\$137,143,622	\$17,045,452	\$33,604,833	\$3,073,544	\$959,675
3. Actuarial Value of Assets	38,390,461	118,598,175	129,680,496	16,394,667	29,421,851	2,819,424	940,192
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,625,060	\$8,293,763	\$7,463,126	\$650,785	\$4,182,982	\$254,120	\$19,483
5. Funded Ratio: (3) / (2)	95.9%	93.5%	94.6%	96.2%	87.6%	91.7%	98.0%
6. Annual payroll	\$9,868,333	\$38,523,011	\$28,071,023	\$4,461,277	\$13,562,555	\$2,182,995	\$500,326
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.25%	6.56%	5.31%	5.29%	10.90%	9.11%	1.23%
Prior Service	1.70%	1.56%	4.77%	1.23%	2.18%	0.90%	0.48%
Full Retirement	7.95%	8.12%	10.08%	6.52%	13.08%	10.01%	1.71%
Supplemental Death Benefit	0.42%	0.27%	0.26%	0.32%	0.23%	0.23%	0.40%
Combined Contribution	8.37%	8.39%	10.34%	6.84%	13.31%	10.24%	2.11%
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%	13.50%	15.50%	N/A	N/A	13.50%	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	12.3 years	20.0 years	6.4 years	16.1 years	20.7 years	18.2 years	10.0 years
Number of Annuitants	134	264	230	31	39	13	5
Number of Active Contributing Members	172	732	354	64	200	32	11
Number of Inactive Members	172	402	258	42	80	27	12
Average age of Contributing Members	42.2 years	42.2 years	42.2 years	41.6 years	41.5 years	40.5 years	44.8 years
Average length of service of Contributing Members	7.5 years	10.4 years	10.1 years	9.8 years	5.9 years	7.5 years	10.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Morgan's Point	Morgan's Point Resort	Morton	Moulton	Mount Enterprise	Mt. Pleasant	Mt. Vernon
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,572,457	\$2,809,362	\$1,204,307	\$1,135,751	\$38,979	\$27,318,245	\$1,788,279
b. Noncontributing Members	635,370	871,983	74,096	703,201	3,255	10,123,702	1,728,216
c. Annuitants	<u>2,511,651</u>	<u>1,930,666</u>	<u>1,528,101</u>	<u>1,178,336</u>	<u>158,365</u>	<u>17,005,000</u>	<u>1,135,221</u>
2. Total Actuarial Accrued Liability	\$5,719,478	\$5,612,011	\$2,806,504	\$3,017,288	\$200,599	\$54,446,947	\$4,651,716
3. Actuarial Value of Assets	<u>5,607,562</u>	<u>5,070,094</u>	<u>2,995,730</u>	<u>2,665,201</u>	<u>221,718</u>	<u>46,834,917</u>	<u>4,626,680</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$111,916	\$541,917	(\$189,226)	\$352,087	(\$21,119)	\$7,612,030	\$25,036
5. Funded Ratio: (3) / (2)	98.0%	90.3%	106.7%	88.3%	110.5%	86.0%	99.5%
6. Annual payroll	\$1,044,608	\$1,580,451	\$406,913	\$486,137	\$110,822	\$10,983,462	\$1,068,323
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.67%	9.41%	6.79%	9.97%	5.66%	9.76%	9.68%
Prior Service	<u>1.06%</u>	<u>2.43%</u>	<u>-1.81%</u>	<u>6.74%</u>	<u>-0.74%</u>	<u>5.43%</u>	<u>0.17%</u>
Full Retirement	9.73%	11.84%	4.98%	16.71%	4.92%	15.19%	9.85%
Supplemental Death Benefit	<u>0.21%</u>	<u>0.37%</u>	<u>0.26%</u>	<u>0.50%</u>	<u>0.20%</u>	<u>0.32%</u>	<u>0.49%</u>
Combined Contribution	9.94%	12.21%	5.24%	17.21%	5.12%	15.51%	10.34%
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	13.50%	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	13.9 years	20.6 years	N/A	14.4 years	N/A	17.9 years	20.0 years
Number of Annuitants	19	28	6	14	2	104	14
Number of Active Contributing Members	14	30	8	10	2	186	22
Number of Inactive Members	3	19	4	21	2	103	22
Average age of Contributing Members	42.4 years	41.0 years	49.1 years	51.5 years	51.8 years	41.2 years	46.8 years
Average length of service of Contributing Members	13.5 years	7.4 years	14.8 years	9.0 years	3.3 years	9.1 years	9.0 years

	Muenster	Muleshoe	Munday	Murphy	Mustang Ridge	Nacogdoches	Naples
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$557,614	\$5,034,815	\$236,712	\$14,258,947	\$27,264	\$55,691,483	\$183,127
b. Noncontributing Members	343,554	981,791	58,879	8,974,639	11,077	5,421,338	40,257
c. Annuitants	<u>809,695</u>	<u>6,946,830</u>	<u>185,130</u>	<u>9,878,350</u>	<u>0</u>	<u>63,182,961</u>	<u>287,111</u>
2. Total Actuarial Accrued Liability	\$1,710,863	\$12,963,436	\$480,721	\$33,111,936	\$38,341	\$124,295,782	\$510,495
3. Actuarial Value of Assets	<u>2,135,826</u>	<u>10,422,964</u>	<u>409,360</u>	<u>29,758,346</u>	<u>57,922</u>	<u>109,644,565</u>	<u>651,276</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$424,963)	\$2,540,472	\$71,361	\$3,353,590	(\$19,581)	\$14,651,217	(\$140,781)
5. Funded Ratio: (3) / (2)	124.8%	80.4%	85.2%	89.9%	151.1%	88.2%	127.6%
6. Annual payroll	\$645,511	\$1,485,079	\$308,594	\$8,602,088	\$502,715	\$19,200,551	\$267,030
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.65%	9.50%	1.74%	11.30%	2.41%	8.53%	3.31%
Prior Service	<u>-2.56%</u>	<u>14.56%</u>	<u>2.03%</u>	<u>2.76%</u>	<u>-0.15%</u>	<u>6.35%</u>	<u>-2.05%</u>
Full Retirement	2.09%	24.06%	3.77%	14.06%	2.26%	14.88%	1.26%
Supplemental Death Benefit	<u>0.00%</u>	<u>0.64%</u>	<u>0.58%</u>	<u>0.27%</u>	<u>0.26%</u>	<u>0.37%</u>	<u>0.75%</u>
Combined Contribution	2.09%	24.70%	4.35%	14.33%	2.52%	15.25%	2.01%
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	15.50%	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.0 years	15.3 years	20.7 years	N/A	16.4 years	N/A
Number of Annuitants	12	36	4	69	0	263	7
Number of Active Contributing Members	14	29	7	112	9	305	6
Number of Inactive Members	8	29	7	153	5	155	15
Average age of Contributing Members	50.0 years	46.9 years	53.3 years	41.8 years	48.8 years	42.9 years	50.3 years
Average length of service of Contributing Members	8.5 years	12.3 years	10.4 years	10.6 years	8.1 years	12.3 years	11.4 years

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	Nash	Nassau Bay	Natalia	Navasota	Nederland	Needville	New Boston
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,239,840	\$7,042,108	\$216,913	\$6,875,999	\$28,042,775	\$2,403,769	\$1,820,246
b. Noncontributing Members	371,760	1,535,889	182,585	2,345,274	4,595,685	349,337	1,066,971
c. Annuitants	1,189,050	4,293,104	97,697	6,524,995	33,598,092	1,014,954	1,961,101
2. Total Actuarial Accrued Liability	\$4,800,650	\$12,871,101	\$497,195	\$15,746,268	\$66,236,552	\$3,768,060	\$4,848,318
3. Actuarial Value of Assets	3,624,651	12,062,848	478,828	15,814,062	67,713,374	3,696,621	4,954,693
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,175,999	\$808,253	\$18,367	(\$67,794)	(\$147,822)	\$71,439	(\$106,375)
5. Funded Ratio: (3) / (2)	75.5%	93.7%	96.3%	100.4%	102.2%	98.1%	102.2%
6. Annual payroll	\$1,230,297	\$3,237,778	\$478,906	\$4,258,209	\$9,980,228	\$1,138,246	\$1,855,528
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.98%	7.92%	1.79%	5.97%	8.08%	3.43%	6.92%
Prior Service	7.79%	1.79%	0.43%	-0.06%	-0.58%	0.48%	-0.22%
Full Retirement	18.77%	9.71%	2.22%	5.91%	7.50%	3.91%	6.70%
Supplemental Death Benefit	0.37%	0.39%	0.39%	0.33%	0.00%	0.68%	0.52%
Combined Contribution	19.14%	10.10%	2.61%	6.24%	7.50%	4.59%	7.22%
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	N/A	N/A	11.50%	N/A	9.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	16.9 years	21.1 years	11.0 years	N/A	N/A	18.4 years	N/A
Number of Annuitants	12	38	4	49	118	12	22
Number of Active Contributing Members	22	45	11	92	121	19	43
Number of Inactive Members	15	36	26	66	38	13	47
Average age of Contributing Members	42.2 years	45.4 years	47.8 years	40.8 years	43.3 years	52.1 years	45.6 years
Average length of service of Contributing Members	9.8 years	13.8 years	6.1 years	7.8 years	13.2 years	12.6 years	8.1 years

	New Braunfels	New Braunfels Utilities	New Deal	New Fairview	New London	New Summerfield	New Waverly
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$134,664,017	\$67,495,844	\$69,726	\$47,478	\$788,477	\$540,707	\$805,222
b. Noncontributing Members	18,057,238	6,964,864	46,695	182,406	93,960	187,048	0
c. Annuitants	88,099,321	55,096,805	280,668	14,350	524,891	148,334	251,782
2. Total Actuarial Accrued Liability	\$240,820,576	\$129,557,513	\$397,089	\$244,234	\$1,407,328	\$876,089	\$1,057,004
3. Actuarial Value of Assets	194,097,826	105,991,459	466,173	261,351	1,432,440	901,729	935,402
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$46,722,750	\$23,566,054	(\$69,084)	(\$17,117)	(\$25,112)	(\$25,640)	\$121,602
5. Funded Ratio: (3) / (2)	80.6%	81.8%	117.4%	107.0%	101.8%	102.9%	88.5%
6. Annual payroll	\$51,482,885	\$27,141,339	\$190,905	\$261,333	\$258,520	\$488,761	\$293,514
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	11.12%	10.77%	1.99%	8.30%	3.93%	8.26%	6.88%
Prior Service	6.43%	8.15%	-1.41%	-0.25%	-0.38%	-0.20%	8.32%
Full Retirement	17.55%	18.92%	0.58%	8.05%	3.55%	8.06%	15.20%
Supplemental Death Benefit	0.25%	0.25%	0.00%	0.32%	0.00%	0.00%	0.68%
Combined Contribution	17.80%	19.17%	0.58%	8.37%	3.55%	8.06%	15.88%
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	N/A	7.50%	N/A	7.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.7 years	13.9 years	N/A	N/A	N/A	N/A	5.7 years
Number of Annuitants	334	145	5	1	9	6	3
Number of Active Contributing Members	729	349	5	4	4	11	5
Number of Inactive Members	430	115	6	2	5	9	0
Average age of Contributing Members	41.4 years	41.7 years	47.3 years	45.8 years	57.1 years	47.2 years	56.6 years
Average length of service of Contributing Members	9.5 years	8.9 years	8.6 years	9.9 years	23.4 years	8.0 years	19.0 years



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	Newark	Newton	Nixon	Nocona	Nolanville	Normangee	North Richland Hills
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$90,350	\$5,068,836	\$689,127	\$2,452,150	\$311,618	\$159,535	\$126,708,630
b. Noncontributing Members	6,880	144,206	185,859	247,192	194,069	36,977	28,425,971
c. Annuitants	29,745	2,867,263	181,824	1,087,422	41,214	121,356	163,429,835
2. Total Actuarial Accrued Liability	\$126,975	\$8,080,305	\$1,056,810	\$3,786,764	\$546,901	\$317,868	\$318,564,436
3. Actuarial Value of Assets	131,745	7,087,807	1,246,253	3,433,777	507,477	397,646	287,339,500
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$4,770)	\$992,498	(\$189,443)	\$352,987	\$39,424	(\$79,778)	\$31,224,936
5. Funded Ratio: (3) / (2)	103.8%	87.7%	117.9%	90.7%	92.8%	125.1%	90.2%
6. Annual payroll	\$239,904	\$1,396,454	\$1,088,749	\$903,726	\$998,397	\$337,334	\$41,197,441
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.33%	10.98%	1.22%	6.70%	4.51%	5.15%	11.48%
Prior Service	-0.08%	6.60%	-0.68%	3.55%	0.32%	-0.92%	6.43%
Full Retirement	1.25%	17.58%	0.54%	10.25%	4.83%	4.23%	17.91%
Supplemental Death Benefit	0.09%	0.44%	0.32%	0.61%	0.19%	0.64%	0.00%
Combined Contribution	1.34%	18.02%	0.86%	10.86%	5.02%	4.87%	17.91%
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	N/A	N/A	11.50%	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	14.1 years	N/A	15.8 years	17.3 years	N/A	15.9 years
Number of Annuitants	1	12	7	19	3	2	456
Number of Active Contributing Members	6	25	23	21	19	7	554
Number of Inactive Members	6	12	43	16	25	7	372
Average age of Contributing Members	36.9 years	47.3 years	42.0 years	51.3 years	41.2 years	53.0 years	42.5 years
Average length of service of Contributing Members	4.3 years	11.8 years	6.9 years	11.6 years	4.6 years	4.1 years	12.2 years

	Northlake	O'Donnell	Oak Point	Oak Ridge North	Odem	Odessa	Oglesby
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,033,176	\$27,093	\$1,938,733	\$8,848,477	\$456,973	\$120,629,184	\$13,152
b. Noncontributing Members	1,043,859	39,580	1,287,744	877,400	49,508	23,533,141	10,474
c. Annuitants	480,099	212,963	1,441,977	4,406,179	743,499	174,654,422	63,489
2. Total Actuarial Accrued Liability	\$6,557,134	\$279,636	\$4,668,454	\$14,132,056	\$1,249,980	\$318,816,747	\$87,115
3. Actuarial Value of Assets	5,960,227	261,554	3,996,908	12,622,043	1,179,793	281,588,090	86,833
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$596,907	\$18,082	\$671,546	\$1,510,013	\$70,187	\$37,228,657	\$282
5. Funded Ratio: (3) / (2)	90.9%	93.5%	85.6%	89.3%	94.4%	88.3%	99.7%
6. Annual payroll	\$4,418,362	\$163,084	\$2,608,466	\$2,811,988	\$789,894	\$47,949,204	\$38,077
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.59%	2.10%	6.07%	8.73%	5.27%	8.24%	1.16%
Prior Service	1.01%	3.10%	2.62%	3.84%	0.78%	6.40%	0.14%
Full Retirement	9.60%	5.20%	8.69%	12.57%	6.05%	14.64%	1.30%
Supplemental Death Benefit	0.18%	0.42%	0.19%	0.28%	0.60%	0.40%	1.97%
Combined Contribution	9.78%	5.62%	8.88%	12.85%	6.65%	15.04%	3.27%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.2 years	4.0 years	12.5 years	20.4 years	15.3 years	16.6 years	6.0 years
Number of Annuitants	4	4	12	17	11	607	3
Number of Active Contributing Members	66	5	41	41	19	687	1
Number of Inactive Members	37	5	53	26	23	569	1
Average age of Contributing Members	38.7 years	45.1 years	38.6 years	44.9 years	47.0 years	43.7 years	42.0 years
Average length of service of Contributing Members	7.7 years	2.3 years	6.1 years	12.3 years	6.7 years	9.6 years	9.4 years

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	Old River-Winfree	Olmos Park	Olney	Omaha	Onalaska	Orange	Orange Grove
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$66,843	\$1,843,234	\$518,356	\$177,341	\$585,212	\$34,805,427	\$797,993
b. Noncontributing Members	6,883	1,738,238	609,153	52,425	73,348	4,786,924	90,729
c. Annuitants	0	2,884,576	617,040	139,761	23,969	48,373,625	627,226
2. Total Actuarial Accrued Liability	\$73,726	\$6,466,048	\$1,744,549	\$369,527	\$682,529	\$87,965,976	\$1,515,948
3. Actuarial Value of Assets	102,605	7,053,755	1,780,576	359,564	565,539	79,889,916	1,614,666
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$28,879)	(\$587,707)	(\$36,027)	\$9,963	\$116,990	\$8,076,060	(\$98,718)
5. Funded Ratio: (3) / (2)	139.2%	109.1%	102.1%	97.3%	82.9%	90.8%	106.5%
6. Annual payroll	\$41,204	\$2,163,955	\$1,023,319	\$261,059	\$815,900	\$10,778,207	\$460,479
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.35%	3.59%	6.01%	1.90%	7.35%	10.01%	8.88%
Prior Service	-2.35%	-1.06%	-0.14%	0.84%	1.06%	6.02%	-0.83%
Full Retirement	0.00%	2.53%	5.87%	2.74%	8.41%	16.03%	8.05%
Supplemental Death Benefit	0.00%	0.00%	0.29%	0.38%	0.19%	0.00%	0.35%
Combined Contribution	0.00%	2.53%	6.16%	3.12%	8.60%	16.03%	8.40%
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)	7.50%	11.50%	N/A	N/A	12.50%	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	N/A	5.1 years	19.3 years	17.2 years	N/A
Number of Annuitants	0	40	13	2	4	159	6
Number of Active Contributing Members	1	38	24	7	19	164	11
Number of Inactive Members	1	74	22	3	18	54	13
Average age of Contributing Members	61.2 years	40.4 years	42.6 years	52.1 years	42.8 years	44.2 years	47.7 years
Average length of service of Contributing Members	16.6 years	8.4 years	4.3 years	7.5 years	3.4 years	11.8 years	8.3 years

	Orchard	Ore City	Overton	Ovilla	Oyster Creek	Paducah	Palacios
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$37,261	\$66,791	\$295,833	\$3,066,267	\$684,233	\$94,327	\$1,613,896
b. Noncontributing Members	0	230,889	850,790	1,131,678	586,752	111,154	2,066,244
c. Annuitants	0	166,904	558,056	1,050,311	2,741,465	936,964	3,442,517
2. Total Actuarial Accrued Liability	\$37,261	\$464,584	\$1,704,679	\$5,248,256	\$4,012,450	\$1,142,445	\$7,122,657
3. Actuarial Value of Assets	12,050	514,352	2,057,699	4,554,618	3,825,606	1,524,317	6,883,984
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$25,211	(\$49,768)	(\$353,020)	\$693,638	\$186,844	(\$381,872)	\$238,673
5. Funded Ratio: (3) / (2)	32.3%	110.7%	120.7%	86.8%	95.3%	133.4%	96.6%
6. Annual payroll	\$52,949	\$363,130	\$682,213	\$1,897,348	\$1,174,581	\$294,443	\$1,773,662
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.66%	1.90%	5.65%	8.82%	9.05%	4.68%	7.08%
Prior Service	9.00%	-0.53%	-2.01%	2.70%	1.19%	-4.68%	0.98%
Full Retirement	10.66%	1.37%	3.64%	11.52%	10.24%	0.00%	8.06%
Supplemental Death Benefit	0.27%	0.35%	0.49%	0.30%	0.37%	0.59%	0.39%
Combined Contribution	10.93%	1.72%	4.13%	11.82%	10.61%	0.59%	8.45%
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	7.50%	12.50%	13.50%	13.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	6.0 years	N/A	N/A	19.5 years	19.1 years	N/A	20.0 years
Number of Annuitants	0	4	14	18	26	12	30
Number of Active Contributing Members	2	9	18	30	22	9	37
Number of Inactive Members	0	11	37	40	25	10	54
Average age of Contributing Members	53.7 years	48.2 years	46.3 years	42.5 years	44.0 years	51.3 years	40.8 years
Average length of service of Contributing Members	14.4 years	5.5 years	6.2 years	12.0 years	4.8 years	2.6 years	5.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Palestine	Palm Valley	Palmer	Palmhurst	Palmview	Pampa	Panhandle
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$16,829,392	\$3,302	\$2,599,414	\$1,339,725	\$1,446,804	\$19,394,744	\$2,122,506
b. Noncontributing Members	6,889,731	0	686,625	242,812	970,642	3,956,557	559,854
c. Annuitants	31,270,699	0	436,092	97,750	438,146	29,908,542	1,615,954
2. Total Actuarial Accrued Liability	\$54,989,822	\$3,302	\$3,722,131	\$1,680,287	\$2,855,592	\$53,259,843	\$4,298,314
3. Actuarial Value of Assets	46,129,420	4,690	3,230,652	1,641,889	2,619,735	42,550,056	3,755,403
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$8,860,402	(\$1,388)	\$491,479	\$38,398	\$235,857	\$10,709,787	\$542,911
5. Funded Ratio: (3) / (2)	83.9%	142.0%	86.8%	97.7%	91.7%	79.9%	87.4%
6. Annual payroll	\$9,668,834	\$555,835	\$1,389,276	\$1,496,299	\$3,972,564	\$8,922,546	\$956,913
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.61%	4.17%	9.59%	5.10%	1.17%	9.45%	6.65%
Prior Service	6.46%	-0.01%	2.56%	0.19%	0.47%	10.89%	4.28%
Full Retirement	14.07%	4.16%	12.15%	5.29%	1.64%	20.34%	10.93%
Supplemental Death Benefit	0.42%	0.79%	0.18%	0.18%	0.15%	0.44%	0.00%
Combined Contribution	14.49%	4.95%	12.33%	5.47%	1.79%	20.78%	10.93%
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	N/A	13.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.8 years	N/A	20.0 years	19.6 years	17.8 years	14.6 years	19.1 years
Number of Annuitants	174	0	6	6	5	150	14
Number of Active Contributing Members	172	11	25	32	93	158	18
Number of Inactive Members	196	0	34	37	72	107	13
Average age of Contributing Members	40.6 years	51.1 years	42.5 years	36.8 years	36.7 years	40.8 years	43.6 years
Average length of service of Contributing Members	7.8 years	14.7 years	6.3 years	6.5 years	5.5 years	8.3 years	10.3 years

	Panorama Village	Pantego	Paris	Parker	Pasadena	Pearland	Pearsall
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$901,268	\$3,185,668	\$29,887,764	\$2,361,530	\$252,032,886	\$131,024,286	\$2,415,943
b. Noncontributing Members	165,866	4,687,048	6,775,391	887,780	33,413,153	28,503,944	1,924,406
c. Annuitants	1,044,366	11,001,033	34,865,413	2,111,736	264,608,289	71,996,602	3,544,214
2. Total Actuarial Accrued Liability	\$2,111,500	\$18,873,749	\$71,528,568	\$5,361,046	\$550,054,328	\$231,524,832	\$7,884,563
3. Actuarial Value of Assets	2,495,025	16,928,550	71,458,549	4,249,311	519,542,808	200,093,027	7,628,398
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$383,525)	\$1,945,199	\$70,019	\$1,111,735	\$30,511,520	\$31,431,805	\$256,165
5. Funded Ratio: (3) / (2)	118.2%	89.7%	99.9%	79.3%	94.5%	86.4%	96.8%
6. Annual payroll	\$829,147	\$3,144,977	\$17,031,052	\$1,936,491	\$72,410,093	\$61,763,023	\$3,185,353
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.84%	11.46%	5.33%	8.67%	9.53%	9.83%	3.25%
Prior Service	-1.80%	4.34%	0.03%	5.03%	4.00%	3.61%	0.59%
Full Retirement	3.04%	15.80%	5.36%	13.70%	13.53%	13.44%	3.84%
Supplemental Death Benefit	0.52%	0.37%	0.41%	0.28%	0.44%	0.19%	0.33%
Combined Contribution	3.56%	16.17%	5.77%	13.98%	13.97%	13.63%	4.17%
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)	12.50%	N/A	N/A	N/A	N/A	15.50%	8.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	21.0 years	20.0 years	15.2 years	13.7 years	20.7 years	19.7 years
Number of Annuitants	14	68	248	17	848	327	33
Number of Active Contributing Members	15	45	290	24	983	788	71
Number of Inactive Members	13	96	178	16	384	440	76
Average age of Contributing Members	41.1 years	44.2 years	43.5 years	45.0 years	44.3 years	39.9 years	41.8 years
Average length of service of Contributing Members	6.9 years	13.8 years	11.3 years	11.4 years	12.7 years	8.9 years	6.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
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	Pecos City	Pelican Bay	Penitas	Perryton	Pflugerville	Pharr	Pilot Point
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$10,147,017	\$293,904	\$910,723	\$13,603,984	\$40,147,157	\$72,978,305	\$3,824,299
b. Noncontributing Members	2,570,596	130,343	303,788	1,481,490	16,129,020	11,269,523	1,607,791
c. Annuitants	<u>8,558,281</u>	<u>0</u>	<u>20,609</u>	<u>12,478,329</u>	<u>40,021,433</u>	<u>43,253,341</u>	<u>2,129,402</u>
2. Total Actuarial Accrued Liability	\$21,275,894	\$424,247	\$1,235,120	\$27,563,803	\$96,297,610	\$127,501,169	\$7,561,492
3. Actuarial Value of Assets	<u>20,799,302</u>	<u>294,773</u>	<u>1,141,661</u>	<u>26,718,207</u>	<u>81,359,260</u>	<u>105,443,460</u>	<u>6,919,193</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$476,592	\$129,474	\$93,459	\$845,596	\$14,938,350	\$22,057,709	\$642,299
5. Funded Ratio: (3) / (2)	97.8%	69.5%	92.4%	96.9%	84.5%	82.7%	91.5%
6. Annual payroll	\$8,495,082	\$522,849	\$1,807,529	\$4,007,311	\$26,413,426	\$43,424,271	\$3,880,584
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.77%	1.90%	3.46%	8.30%	10.22%	7.48%	9.01%
Prior Service	<u>0.39%</u>	<u>2.59%</u>	<u>0.39%</u>	<u>2.16%</u>	<u>4.02%</u>	<u>4.23%</u>	<u>1.16%</u>
Full Retirement	6.16%	4.49%	3.85%	10.46%	14.24%	11.71%	10.17%
Supplemental Death Benefit	<u>0.39%</u>	<u>0.24%</u>	<u>0.17%</u>	<u>0.49%</u>	<u>0.23%</u>	<u>0.24%</u>	<u>0.33%</u>
Combined Contribution	6.55%	4.73%	4.02%	10.95%	14.47%	11.95%	10.50%
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	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	21.4 years	12.1 years	19.1 years	12.4 years	20.6 years	16.4 years	21.0 years
Number of Annuitants	85	0	2	48	152	283	29
Number of Active Contributing Members	144	12	39	72	405	758	66
Number of Inactive Members	139	22	55	58	313	362	65
Average age of Contributing Members	42.8 years	50.2 years	41.9 years	45.0 years	40.9 years	39.3 years	41.9 years
Average length of service of Contributing Members	6.6 years	8.1 years	5.9 years	11.0 years	6.9 years	8.0 years	7.2 years

	Pinehurst	Pineland	Piney Point Village	Pittsburg	Plains	Plainview	Plano
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,493,820	\$481,496	\$352,168	\$4,313,622	\$1,450,817	\$15,814,795	\$620,588,194
b. Noncontributing Members	863,589	82,236	89,553	506,044	17,468	5,138,719	79,407,035
c. Annuitants	<u>4,472,577</u>	<u>1,756,073</u>	<u>512,539</u>	<u>5,150,155</u>	<u>881,017</u>	<u>27,815,592</u>	<u>655,048,471</u>
2. Total Actuarial Accrued Liability	\$7,829,986	\$2,319,805	\$954,260	\$9,969,821	\$2,349,302	\$48,769,106	\$1,355,043,700
3. Actuarial Value of Assets	<u>6,225,317</u>	<u>2,477,831</u>	<u>915,674</u>	<u>9,516,665</u>	<u>2,445,904</u>	<u>46,981,085</u>	<u>1,235,532,963</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,604,669	(\$158,026)	\$38,586	\$453,156	(\$96,602)	\$1,788,021	\$119,510,737
5. Funded Ratio: (3) / (2)	79.5%	106.8%	96.0%	95.5%	104.1%	96.3%	91.2%
6. Annual payroll	\$1,240,928	\$420,397	\$564,818	\$1,786,408	\$486,073	\$7,094,903	\$192,676,654
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.46%	5.62%	7.34%	8.92%	4.86%	9.53%	11.55%
Prior Service	<u>9.21%</u>	<u>-1.46%</u>	<u>0.93%</u>	<u>2.02%</u>	<u>-0.77%</u>	<u>2.11%</u>	<u>6.09%</u>
Full Retirement	18.67%	4.16%	8.27%	10.94%	4.09%	11.64%	17.64%
Supplemental Death Benefit	<u>0.60%</u>	<u>0.55%</u>	<u>0.36%</u>	<u>0.43%</u>	<u>0.33%</u>	<u>0.00%</u>	<u>0.00%</u>
Combined Contribution	19.27%	4.71%	8.63%	11.37%	4.42%	11.64%	17.64%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.8 years	N/A	8.8 years	17.4 years	N/A	16.7 years	13.1 years
Number of Annuitants	33	8	9	24	8	128	1,616
Number of Active Contributing Members	21	10	5	36	10	146	2,407
Number of Inactive Members	15	12	6	23	4	93	1,346
Average age of Contributing Members	46.9 years	40.2 years	48.6 years	41.8 years	38.1 years	44.9 years	43.6 years
Average length of service of Contributing Members	8.5 years	8.6 years	12.2 years	8.3 years	10.2 years	9.3 years	12.3 years

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	Pleasanton	Point	Ponder	Port Aransas	Port Arthur	Port Isabel	Port Lavaca
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$13,023,041	\$229,218	\$1,152,163	\$16,300,258	\$99,602,673	\$5,454,035	\$5,383,206
b. Noncontributing Members	3,259,779	235,665	248,966	1,669,384	12,776,427	1,386,121	2,163,970
c. Annuitants	<u>11,199,329</u>	<u>166,921</u>	<u>164,385</u>	<u>7,055,606</u>	<u>130,879,410</u>	<u>2,060,289</u>	<u>6,460,521</u>
2. Total Actuarial Accrued Liability	\$27,482,149	\$631,804	\$1,565,514	\$25,025,248	\$243,258,510	\$8,900,445	\$14,007,697
3. Actuarial Value of Assets	<u>21,771,897</u>	<u>743,105</u>	<u>1,506,046</u>	<u>19,392,270</u>	<u>211,529,423</u>	<u>7,371,043</u>	<u>13,049,800</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$5,710,252	(\$111,301)	\$59,468	\$5,632,978	\$31,729,087	\$1,529,402	\$957,897
5. Funded Ratio: (3) / (2)	79.2%	117.6%	96.2%	77.5%	87.0%	82.8%	93.2%
6. Annual payroll	\$6,489,914	\$334,600	\$958,945	\$7,567,660	\$43,701,883	\$2,847,173	\$4,845,951
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.20%	11.06%	4.62%	9.93%	7.28%	5.84%	4.72%
Prior Service	<u>6.50%</u>	<u>-1.29%</u>	<u>0.62%</u>	<u>5.36%</u>	<u>7.39%</u>	<u>4.05%</u>	<u>1.41%</u>
Full Retirement	15.70%	9.77%	5.24%	15.29%	14.67%	9.89%	6.13%
Supplemental Death Benefit	<u>0.25%</u>	<u>0.00%</u>	<u>0.57%</u>	<u>0.36%</u>	<u>0.45%</u>	<u>0.38%</u>	<u>0.40%</u>
Combined Contribution	15.95%	9.77%	5.81%	15.65%	15.12%	10.27%	6.53%
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	N/A	N/A	N/A	N/A	11.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.4 years	N/A	12.7 years	20.2 years	12.5 years	18.9 years	20.5 years
Number of Annuitants	60	5	6	65	544	37	72
Number of Active Contributing Members	113	11	15	130	594	69	90
Number of Inactive Members	96	18	8	74	197	74	140
Average age of Contributing Members	40.9 years	38.3 years	51.7 years	45.9 years	47.3 years	42.7 years	42.2 years
Average length of service of Contributing Members	7.6 years	3.6 years	7.7 years	8.6 years	11.6 years	8.6 years	7.1 years

	Port Neches	Portland	Post	Poteet	Poth	Pottsboro	Prairie View
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$24,755,539	\$24,182,080	\$1,716,723	\$791,881	\$768,473	\$1,164,717	\$443,140
b. Noncontributing Members	1,977,470	2,926,032	217,937	202,845	45,737	480,392	88,428
c. Annuitants	<u>30,808,967</u>	<u>14,521,073</u>	<u>1,363,766</u>	<u>621,092</u>	<u>157,360</u>	<u>660,361</u>	<u>107,084</u>
2. Total Actuarial Accrued Liability	\$57,541,976	\$41,629,185	\$3,298,426	\$1,615,818	\$971,570	\$2,305,470	\$638,652
3. Actuarial Value of Assets	<u>52,300,297</u>	<u>32,304,910</u>	<u>2,376,454</u>	<u>2,004,374</u>	<u>860,052</u>	<u>2,274,499</u>	<u>532,147</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$5,241,679	\$9,324,275	\$921,972	(\$388,556)	\$111,518	\$30,971	\$106,505
5. Funded Ratio: (3) / (2)	90.9%	77.6%	72.0%	124.0%	88.5%	98.7%	83.3%
6. Annual payroll	\$8,291,033	\$10,258,422	\$1,151,453	\$1,034,127	\$501,730	\$1,059,133	\$1,319,211
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.32%	10.88%	9.08%	4.02%	2.17%	6.11%	1.75%
Prior Service	<u>5.68%</u>	<u>7.28%</u>	<u>7.60%</u>	<u>-1.46%</u>	<u>2.09%</u>	<u>0.22%</u>	<u>0.65%</u>
Full Retirement	15.00%	18.16%	16.68%	2.56%	4.26%	6.33%	2.40%
Supplemental Death Benefit	<u>0.00%</u>	<u>0.31%</u>	<u>0.75%</u>	<u>0.36%</u>	<u>0.86%</u>	<u>0.37%</u>	<u>0.25%</u>
Combined Contribution	15.00%	18.47%	17.43%	2.92%	5.12%	6.70%	2.65%
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	N/A	N/A	9.50%	9.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.8 years	17.3 years	13.7 years	N/A	13.9 years	19.6 years	17.1 years
Number of Annuitants	95	85	17	13	4	14	1
Number of Active Contributing Members	96	166	28	30	9	20	29
Number of Inactive Members	28	123	11	43	10	19	26
Average age of Contributing Members	42.5 years	42.3 years	47.6 years	47.5 years	53.1 years	45.0 years	45.9 years
Average length of service of Contributing Members	13.9 years	10.1 years	6.3 years	5.6 years	13.6 years	9.6 years	4.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Premont	Presidio	Primera	Princeton	Prosper	Providence Village	Quanah
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$121,876	\$1,112,398	\$327,607	\$9,479,914	\$33,380,253	\$318,598	\$807,685
b. Noncontributing Members	211,149	947,071	236,478	1,598,079	8,421,672	17,243	156,528
c. Annuitants	359,544	244,740	232,689	2,283,172	4,740,779	177,584	2,162,261
2. Total Actuarial Accrued Liability	\$692,569	\$2,304,209	\$796,774	\$13,361,165	\$46,542,704	\$513,425	\$3,126,474
3. Actuarial Value of Assets	1,138,071	2,493,269	897,165	12,511,088	40,689,366	470,436	3,537,806
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$445,502)	(\$189,060)	(\$100,391)	\$850,077	\$5,853,338	\$42,989	(\$411,332)
5. Funded Ratio: (3) / (2)	164.3%	108.2%	112.6%	93.6%	87.4%	91.6%	113.2%
6. Annual payroll	\$686,983	\$1,835,534	\$862,200	\$8,163,442	\$24,355,909	\$746,639	\$552,141
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	3.96%	2.45%	4.67%	10.62%	12.55%	4.68%	5.60%
Prior Service	-2.52%	-0.40%	-0.45%	0.75%	1.74%	1.19%	-2.90%
Full Retirement	1.44%	2.05%	4.22%	11.37%	14.29%	5.87%	2.70%
Supplemental Death Benefit	0.55%	0.29%	0.24%	0.21%	0.00%	0.22%	0.60%
Combined Contribution	1.99%	2.34%	4.46%	11.58%	14.29%	6.09%	3.30%
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	11.50%	13.50%	15.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	N/A	20.0 years	20.1 years	5.4 years	N/A
Number of Annuitants	12	7	6	22	37	2	15
Number of Active Contributing Members	22	42	25	143	312	11	13
Number of Inactive Members	30	35	39	56	161	4	11
Average age of Contributing Members	41.6 years	45.0 years	43.5 years	41.4 years	40.7 years	45.7 years	46.1 years
Average length of service of Contributing Members	3.9 years	8.0 years	5.9 years	6.8 years	8.3 years	5.1 years	8.9 years

	Queen City	Quinlan	Quintana	Quitaque	Quitman	Ralls	Rancho Viejo
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$789,037	\$1,105,833	\$272,498	\$319,763	\$3,822,947	\$321,062	\$545,904
b. Noncontributing Members	187,941	163,877	42,084	0	560,258	161,138	315,000
c. Annuitants	363,409	65,313	0	0	1,034,369	1,247,976	1,743,921
2. Total Actuarial Accrued Liability	\$1,340,387	\$1,335,023	\$314,582	\$319,763	\$5,417,574	\$1,730,176	\$2,604,825
3. Actuarial Value of Assets	1,119,685	1,448,701	290,911	345,463	5,782,776	1,690,996	2,807,593
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$220,702	(\$113,678)	\$23,671	(\$25,700)	(\$365,202)	\$39,180	(\$202,768)
5. Funded Ratio: (3) / (2)	83.5%	108.5%	92.5%	108.0%	106.7%	97.7%	107.8%
6. Annual payroll	\$617,636	\$971,562	\$455,348	\$155,717	\$1,214,116	\$374,719	\$673,222
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.73%	10.60%	7.80%	1.25%	6.50%	5.43%	5.96%
Prior Service	2.81%	-0.46%	0.95%	-0.64%	-1.17%	0.98%	-1.17%
Full Retirement	8.54%	10.14%	8.75%	0.61%	5.33%	6.41%	4.79%
Supplemental Death Benefit	0.38%	0.17%	0.32%	0.45%	0.43%	1.05%	0.18%
Combined Contribution	8.92%	10.31%	9.07%	1.06%	5.76%	7.46%	4.97%
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%	12.50%	N/A	N/A	11.50%	9.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.8 years	N/A	6.2 years	N/A	N/A	14.0 years	N/A
Number of Annuitants	8	4	0	0	11	12	4
Number of Active Contributing Members	13	20	9	4	24	9	12
Number of Inactive Members	19	19	9	0	18	11	8
Average age of Contributing Members	49.3 years	41.5 years	55.8 years	49.3 years	48.5 years	50.7 years	39.4 years
Average length of service of Contributing Members	6.7 years	8.2 years	4.0 years	17.5 years	13.8 years	5.1 years	9.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Ranger	Rankin	Ransom Canyon	Raymondville	Red Oak	Redwater	Refugio
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,930,311	\$346,413	\$1,194,383	\$3,716,928	\$9,143,123	\$198,241	\$1,389,714
b. Noncontributing Members	721,390	252,558	118,591	753,045	3,056,648	170,480	193,874
c. Annuitants	274,247	280,785	808,643	4,776,774	3,491,040	72,475	596,667
2. Total Actuarial Accrued Liability	\$2,925,948	\$879,756	\$2,121,617	\$9,246,747	\$15,690,811	\$441,196	\$2,180,255
3. Actuarial Value of Assets	3,254,656	894,961	2,119,446	10,933,135	14,531,400	435,309	3,226,337
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$328,708)	(\$15,205)	\$2,171	(\$1,686,388)	\$1,159,411	\$5,887	(\$1,046,082)
5. Funded Ratio: (3) / (2)	111.2%	101.7%	99.9%	118.2%	92.6%	98.7%	148.0%
6. Annual payroll	\$1,092,494	\$226,572	\$613,389	\$2,649,344	\$8,974,024	\$324,754	\$1,449,209
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.10%	2.99%	9.08%	4.52%	5.51%	2.04%	1.18%
Prior Service	-1.17%	-0.26%	0.04%	-2.48%	0.95%	0.25%	-1.18%
Full Retirement	6.93%	2.73%	9.12%	2.04%	6.46%	2.29%	0.00%
Supplemental Death Benefit	0.00%	0.23%	0.20%	0.44%	0.20%	0.19%	0.00%
Combined Contribution	6.93%	2.96%	9.32%	2.48%	6.66%	2.48%	0.00%
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)	12.50%	N/A	N/A	15.50%	13.50%	N/A	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	13.0 years	N/A	19.6 years	8.4 years	N/A
Number of Annuitants	7	3	6	52	45	2	14
Number of Active Contributing Members	24	4	12	67	118	8	31
Number of Inactive Members	48	4	10	37	107	10	17
Average age of Contributing Members	43.4 years	41.5 years	39.0 years	42.7 years	39.1 years	41.1 years	47.4 years
Average length of service of Contributing Members	6.8 years	10.0 years	8.0 years	8.4 years	9.5 years	5.3 years	10.5 years

	Reklaw	Reno (Lamar County)	Reno (Parker County)	Rhame	Rice	Richardson	Richland Hills
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$494,911	\$1,104,115	\$352,467	\$410,978	\$122,986	\$233,993,672	\$7,019,422
b. Noncontributing Members	748,311	238,926	166,981	487,532	103,872	50,633,696	8,299,432
c. Annuitants	524,266	191,580	128,932	574,456	125,686	354,517,026	23,051,578
2. Total Actuarial Accrued Liability	\$1,767,488	\$1,534,621	\$648,380	\$1,472,966	\$352,544	\$639,144,394	\$38,370,432
3. Actuarial Value of Assets	1,687,819	1,683,578	784,762	1,674,145	385,604	584,747,116	34,796,310
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$79,669	(\$148,957)	(\$136,382)	(\$201,179)	(\$33,060)	\$54,397,278	\$3,574,122
5. Funded Ratio: (3) / (2)	95.5%	109.7%	121.0%	113.7%	109.4%	91.5%	90.7%
6. Annual payroll	\$245,679	\$777,523	\$1,129,345	\$958,361	\$476,029	\$79,812,406	\$5,286,521
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.78%	5.77%	4.10%	6.96%	1.77%	8.53%	11.99%
Prior Service	4.65%	-0.75%	-0.47%	-0.82%	-0.27%	7.52%	5.34%
Full Retirement	12.43%	5.02%	3.63%	6.14%	1.50%	16.05%	17.33%
Supplemental Death Benefit	0.79%	0.21%	0.24%	0.25%	0.30%	0.00%	0.45%
Combined Contribution	13.22%	5.23%	3.87%	6.39%	1.80%	16.05%	17.78%
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%	N/A	13.50%	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	8.3 years	N/A	N/A	N/A	N/A	11.3 years	17.6 years
Number of Annuitants	5	2	11	18	5	913	123
Number of Active Contributing Members	5	15	27	18	13	950	83
Number of Inactive Members	5	8	25	19	20	582	136
Average age of Contributing Members	45.2 years	46.5 years	41.9 years	43.3 years	44.3 years	43.2 years	41.6 years
Average length of service of Contributing Members	8.6 years	12.0 years	3.8 years	7.6 years	3.1 years	12.8 years	9.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Richland Springs	Richmond	Richwood	Riesel	Rio Grande City	Rio Hondo	Rio Vista
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,415	\$28,039,502	\$1,476,057	\$506,992	\$7,241,973	\$321,429	\$106,770
b. Noncontributing Members	0	6,262,255	523,869	135,986	2,985,268	0	407,803
c. Annuitants	88,672	24,139,258	3,337,338	52,551	4,534,432	0	160,727
2. Total Actuarial Accrued Liability	\$101,087	\$58,441,015	\$5,337,264	\$695,529	\$14,761,673	\$321,429	\$675,300
3. Actuarial Value of Assets	223,345	53,023,321	4,493,276	575,089	13,734,151	14,185	653,623
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$122,258)	\$5,417,694	\$843,988	\$120,440	\$1,027,522	\$307,244	\$21,677
5. Funded Ratio: (3) / (2)	220.9%	90.7%	84.2%	82.7%	93.0%	4.4%	96.8%
6. Annual payroll	\$31,482	\$10,340,662	\$1,458,828	\$393,382	\$6,284,433	\$581,837	\$370,222
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	4.21%	10.86%	7.92%	1.03%	6.06%	5.45%	2.78%
Prior Service	-4.21%	4.57%	4.46%	4.63%	1.15%	3.83%	0.87%
Full Retirement	0.00%	15.43%	12.38%	5.66%	7.21%	9.28%	3.65%
Supplemental Death Benefit	0.68%	0.31%	0.36%	0.34%	0.24%	0.00%	0.25%
Combined Contribution	0.68%	15.74%	12.74%	6.00%	7.45%	9.28%	3.90%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	15.4 years	18.3 years	7.7 years	20.9 years	20.0 years	8.2 years
Number of Annuitants	2	95	23	2	38	0	3
Number of Active Contributing Members	2	153	25	8	155	15	9
Number of Inactive Members	0	141	21	7	151	0	13
Average age of Contributing Members	45.5 years	43.7 years	46.5 years	42.1 years	42.1 years	47.3 years	47.8 years
Average length of service of Contributing Members	3.1 years	12.9 years	9.1 years	11.8 years	6.6 years	8.6 years	2.7 years

	Rising Star	River Oaks	Roanoke	Robert Lee	Robinson	Robstown	Robstown Utility Systems
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$72,093	\$7,149,426	\$31,612,720	\$29,334	\$11,319,253	\$5,307,885	\$7,511,713
b. Noncontributing Members	27,834	1,795,798	9,167,417	23,303	1,943,724	3,094,048	749,650
c. Annuitants	82,894	8,718,674	17,116,275	136,418	4,944,913	10,339,103	11,567,406
2. Total Actuarial Accrued Liability	\$182,821	\$17,663,898	\$57,896,412	\$189,055	\$18,207,890	\$18,741,036	\$19,828,769
3. Actuarial Value of Assets	298,740	16,023,766	48,874,106	150,943	15,140,931	18,643,396	16,008,097
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$115,919)	\$1,640,132	\$9,022,306	\$38,112	\$3,066,959	\$97,640	\$3,820,672
5. Funded Ratio: (3) / (2)	163.4%	90.7%	84.4%	79.8%	83.2%	99.5%	80.7%
6. Annual payroll	\$286,809	\$3,625,316	\$13,126,449	\$181,270	\$4,070,749	\$4,504,839	\$2,580,913
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.06%	10.37%	12.77%	0.76%	9.62%	4.65%	7.06%
Prior Service	-1.57%	3.80%	4.86%	3.07%	5.30%	0.22%	13.71%
Full Retirement	0.49%	14.17%	17.63%	3.83%	14.92%	4.87%	20.77%
Supplemental Death Benefit	0.91%	0.52%	0.00%	0.52%	0.35%	0.36%	0.56%
Combined Contribution	1.40%	14.69%	17.63%	4.35%	15.27%	5.23%	21.33%
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	N/A	N/A	N/A	N/A	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.5 years	20.8 years	8.3 years	20.9 years	12.8 years	14.6 years
Number of Annuitants	3	59	53	3	33	69	47
Number of Active Contributing Members	6	69	137	4	69	80	43
Number of Inactive Members	14	64	73	6	45	97	48
Average age of Contributing Members	51.9 years	43.7 years	43.4 years	27.8 years	45.3 years	42.2 years	45.3 years
Average length of service of Contributing Members	3.7 years	9.9 years	12.5 years	3.0 years	12.1 years	9.1 years	12.4 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Roby	Rockdale	Rockport	Rocksprings	Rockwall	Rogers	Rollingwood
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$217,898	\$3,070,430	\$12,846,711	\$155,367	\$66,940,950	\$181,588	\$1,277,274
b. Noncontributing Members	0	1,281,757	4,093,400	33,006	12,389,730	245,944	1,020,577
c. Annuitants	518,256	2,861,449	24,992,820	279,810	48,663,473	639,301	1,476,240
2. Total Actuarial Accrued Liability	\$736,154	\$7,213,636	\$41,932,931	\$468,183	\$127,994,153	\$1,066,833	\$3,774,091
3. Actuarial Value of Assets	753,468	6,687,313	34,815,024	539,714	114,765,083	972,828	3,449,990
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$17,314)	\$526,323	\$7,117,907	(\$71,531)	\$13,229,070	\$94,005	\$324,101
5. Funded Ratio: (3) / (2)	102.4%	92.7%	83.0%	115.3%	89.7%	91.2%	91.4%
6. Annual payroll	\$92,210	\$2,280,021	\$7,942,062	\$290,621	\$25,681,350	\$406,231	\$1,440,402
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.39%	7.01%	12.08%	2.59%	11.99%	5.84%	10.51%
Prior Service	-0.73%	1.63%	6.81%	-0.96%	3.64%	2.39%	1.98%
Full Retirement	5.66%	8.64%	18.89%	1.63%	15.63%	8.23%	12.49%
Supplemental Death Benefit	0.59%	0.58%	0.37%	0.00%	0.24%	0.00%	0.48%
Combined Contribution	6.25%	9.22%	19.26%	1.63%	15.87%	8.23%	12.97%
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%	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	20.8 years	18.7 years	N/A	20.8 years	13.2 years	15.2 years
Number of Annuitants	4	31	97	2	139	8	15
Number of Active Contributing Members	2	50	129	7	313	8	19
Number of Inactive Members	0	60	73	11	136	12	29
Average age of Contributing Members	49.2 years	47.0 years	43.4 years	45.7 years	43.2 years	45.4 years	46.0 years
Average length of service of Contributing Members	15.4 years	9.4 years	9.1 years	6.3 years	13.4 years	7.5 years	7.6 years

	Roma	Roscoe	Rosebud	Rosenberg	Rotan	Round Rock	Rowlett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$6,924,290	\$272,555	\$159,559	\$40,878,813	\$208,610	\$223,968,942	\$75,549,198
b. Noncontributing Members	1,122,085	66,996	104,845	15,025,270	396,112	31,583,755	23,488,531
c. Annuitants	8,631,335	326,470	146,620	46,092,738	20,150	148,898,245	73,773,236
2. Total Actuarial Accrued Liability	\$16,677,710	\$666,021	\$411,024	\$101,996,821	\$624,872	\$404,450,942	\$172,810,965
3. Actuarial Value of Assets	15,501,405	688,943	423,563	84,856,851	850,269	342,331,831	155,997,616
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,176,305	(\$22,922)	(\$12,539)	\$17,139,970	(\$225,397)	\$62,119,111	\$16,813,349
5. Funded Ratio: (3) / (2)	92.9%	103.4%	103.1%	83.2%	136.1%	84.6%	90.3%
6. Annual payroll	\$4,622,911	\$298,865	\$443,716	\$19,234,792	\$306,942	\$80,669,990	\$33,706,396
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.02%	1.63%	1.91%	9.89%	1.54%	10.99%	9.55%
Prior Service	2.56%	-0.30%	-0.11%	6.84%	-1.54%	5.99%	3.74%
Full Retirement	9.58%	1.33%	1.80%	16.73%	0.00%	16.98%	13.29%
Supplemental Death Benefit	0.52%	0.42%	0.69%	0.23%	0.38%	0.24%	0.00%
Combined Contribution	10.10%	1.75%	2.49%	16.96%	0.38%	17.22%	13.29%
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
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	12.7 years	N/A	N/A	18.4 years	N/A	18.0 years	19.0 years
Number of Annuitants	74	5	9	202	1	464	301
Number of Active Contributing Members	135	6	13	277	6	1,008	456
Number of Inactive Members	132	2	21	213	8	541	357
Average age of Contributing Members	44.2 years	50.3 years	48.2 years	38.6 years	44.7 years	42.7 years	40.2 years
Average length of service of Contributing Members	8.1 years	9.6 years	6.8 years	8.9 years	8.3 years	10.8 years	10.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Royse City	Rule	Runaway Bay	Runge	Rusk	Sabinal	Sachse
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$10,619,065	\$24,603	\$253,007	\$749,165	\$2,499,095	\$238,576	\$20,482,332
b. Noncontributing Members	2,460,787	95,444	247,050	93,755	940,525	73,842	9,390,965
c. Annuitants	4,151,785	129,066	387,755	79,657	2,257,009	820,597	17,001,081
2. Total Actuarial Accrued Liability	\$17,231,637	\$249,113	\$887,812	\$922,577	\$5,696,629	\$1,133,015	\$46,874,378
3. Actuarial Value of Assets	14,244,528	331,123	1,085,473	853,285	5,780,367	1,268,365	41,315,678
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$2,987,109	(\$82,010)	(\$197,661)	\$69,292	(\$83,738)	(\$135,350)	\$5,558,700
5. Funded Ratio: (3) / (2)	82.7%	132.9%	122.3%	92.5%	101.5%	111.9%	88.1%
6. Annual payroll	\$6,651,988	\$90,439	\$894,547	\$152,691	\$1,790,324	\$507,046	\$11,820,261
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	12.38%	4.04%	2.57%	4.38%	6.64%	3.36%	11.22%
Prior Service	3.27%	-3.53%	-0.86%	7.39%	-0.18%	-1.04%	3.34%
Full Retirement	15.65%	0.51%	1.71%	11.77%	6.46%	2.32%	14.56%
Supplemental Death Benefit	0.23%	0.26%	0.30%	1.28%	0.38%	0.64%	0.25%
Combined Contribution	15.88%	0.77%	2.01%	13.05%	6.84%	2.96%	14.81%
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 1/2024	19.8 years	N/A	N/A	7.1 years	N/A	N/A	20.6 years
Number of Annuitants	31	1	12	2	23	9	104
Number of Active Contributing Members	101	3	19	4	35	15	160
Number of Inactive Members	73	4	36	5	29	24	159
Average age of Contributing Members	41.6 years	39.0 years	38.9 years	61.6 years	47.2 years	47.9 years	41.2 years
Average length of service of Contributing Members	8.8 years	2.3 years	2.7 years	17.6 years	10.5 years	5.3 years	9.5 years

	Saginaw	Saint Hedwig	Saint Jo	Salado	San Angelo	San Antonio	San Antonio Water System
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$27,961,337	\$30,375	\$82,900	\$261,258	\$108,275,765	\$926,763,268	\$118,287,211
b. Noncontributing Members	4,118,059	0	104,126	469,568	18,551,183	173,192,039	21,094,825
c. Annuitants	25,132,593	0	397,453	173,356	156,168,454	987,702,285	130,090,274
2. Total Actuarial Accrued Liability	\$57,211,989	\$30,375	\$584,479	\$904,182	\$282,995,402	\$2,087,657,592	\$269,472,310
3. Actuarial Value of Assets	44,657,321	5,392	694,527	1,107,927	239,300,471	1,847,182,472	243,055,206
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$12,554,668	\$24,983	(\$110,048)	(\$203,745)	\$43,694,931	\$240,475,120	\$26,417,104
5. Funded Ratio: (3) / (2)	78.1%	17.8%	118.8%	122.5%	84.6%	88.5%	90.2%
6. Annual payroll	\$10,993,653	\$369,760	\$317,082	\$779,624	\$40,887,495	\$459,570,993	\$125,092,266
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	11.72%	2.59%	7.30%	7.18%	8.18%	7.03%	2.11%
Prior Service	9.13%	0.67%	-1.35%	-1.02%	9.47%	5.76%	1.78%
Full Retirement	20.85%	3.26%	5.95%	6.16%	17.65%	12.79%	3.89%
Supplemental Death Benefit	0.28%	0.36%	0.90%	0.41%	0.00%	0.00%	0.00%
Combined Contribution	21.13%	3.62%	6.85%	6.57%	17.65%	12.79%	3.89%
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	N/A	10.50%	N/A	N/A	N/A	5.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.3 years	13.0 years	N/A	N/A	15.2 years	11.4 years	16.1 years
Number of Annuitants	81	0	6	7	662	5,518	1,405
Number of Active Contributing Members	164	8	7	14	715	7,605	1,722
Number of Inactive Members	105	0	18	21	380	3,724	899
Average age of Contributing Members	41.5 years	56.0 years	51.3 years	50.4 years	43.3 years	45.0 years	45.0 years
Average length of service of Contributing Members	10.7 years	4.7 years	5.0 years	9.3 years	10.1 years	10.1 years	13.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
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	San Augustine	San Benito	San Felipe	San Juan	San Marcos	San Saba	Sandy Oaks
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,723,795	\$6,567,377	\$221,251	\$8,022,557	\$136,866,644	\$4,546,897	\$56,855
b. Noncontributing Members	280,423	2,363,653	22,739	3,770,967	25,121,583	628,940	1,669
c. Annuitants	<u>3,380,054</u>	<u>6,778,345</u>	<u>151,919</u>	<u>5,949,473</u>	<u>135,117,907</u>	<u>3,238,263</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$6,384,272	\$15,709,375	\$395,909	\$17,742,997	\$297,106,134	\$8,414,100	\$58,524
3. Actuarial Value of Assets	<u>6,184,464</u>	<u>14,876,945</u>	<u>374,564</u>	<u>18,078,751</u>	<u>246,123,219</u>	<u>7,442,045</u>	<u>30,081</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$199,808	\$832,430	\$21,345	(\$335,754)	\$50,982,915	\$972,055	\$28,443
5. Funded Ratio: (3) / (2)	96.9%	94.7%	94.6%	101.9%	82.8%	88.4%	51.4%
6. Annual payroll	\$1,412,605	\$6,560,011	\$220,792	\$10,009,193	\$53,439,690	\$2,279,931	\$390,527
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.52%	3.72%	1.81%	4.41%	10.74%	6.28%	1.86%
Prior Service	<u>1.09%</u>	<u>1.03%</u>	<u>1.90%</u>	<u>-0.13%</u>	<u>8.26%</u>	<u>3.05%</u>	<u>0.68%</u>
Full Retirement	8.61%	4.75%	3.71%	4.28%	19.00%	9.33%	2.54%
Supplemental Death Benefit	<u>0.59%</u>	<u>0.50%</u>	<u>0.36%</u>	<u>0.33%</u>	<u>0.26%</u>	<u>0.50%</u>	<u>0.16%</u>
Combined Contribution	9.20%	5.25%	4.07%	4.61%	19.26%	9.83%	2.70%
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)	13.50%	11.50%	N/A	12.50%	N/A	10.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.2 years	17.2 years	5.8 years	N/A	15.5 years	20.4 years	14.0 years
Number of Annuitants	21	120	4	101	405	26	0
Number of Active Contributing Members	30	167	5	235	719	47	9
Number of Inactive Members	18	173	4	191	414	20	3
Average age of Contributing Members	47.8 years	43.5 years	49.1 years	42.2 years	41.7 years	49.2 years	43.7 years
Average length of service of Contributing Members	6.7 years	7.9 years	9.5 years	7.6 years	9.5 years	10.8 years	2.5 years

	Sanger	Sansom Park	Santa Fe	Savoy	Schertz	Schulenburg	Seabrook
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$9,013,455	\$1,794,077	\$5,932,654	\$132,945	\$55,137,646	\$4,525,444	\$22,503,119
b. Noncontributing Members	1,483,408	1,255,338	2,786,443	139,121	13,826,278	1,646,324	2,025,284
c. Annuitants	<u>5,569,152</u>	<u>843,631</u>	<u>11,042,823</u>	<u>61,450</u>	<u>34,174,454</u>	<u>10,139,832</u>	<u>21,768,011</u>
2. Total Actuarial Accrued Liability	\$16,066,015	\$3,893,046	\$19,761,920	\$333,516	\$103,138,378	\$16,311,600	\$46,296,414
3. Actuarial Value of Assets	<u>12,940,409</u>	<u>3,916,915</u>	<u>14,887,093</u>	<u>434,990</u>	<u>82,761,265</u>	<u>14,457,199</u>	<u>41,034,219</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,125,606	(\$23,869)	\$4,874,827	(\$101,474)	\$20,377,113	\$1,854,401	\$5,262,195
5. Funded Ratio: (3) / (2)	80.5%	100.6%	75.3%	130.4%	80.2%	88.6%	88.6%
6. Annual payroll	\$5,234,861	\$2,354,914	\$3,762,238	\$178,492	\$25,104,207	\$2,164,112	\$8,289,679
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.78%	10.45%	9.23%	4.13%	10.86%	10.17%	10.11%
Prior Service	<u>4.87%</u>	<u>-0.04%</u>	<u>10.19%</u>	<u>-2.21%</u>	<u>5.73%</u>	<u>8.81%</u>	<u>6.26%</u>
Full Retirement	12.65%	10.41%	19.42%	1.92%	16.59%	18.98%	16.37%
Supplemental Death Benefit	<u>0.26%</u>	<u>0.26%</u>	<u>0.00%</u>	<u>0.48%</u>	<u>0.22%</u>	<u>0.41%</u>	<u>0.29%</u>
Combined Contribution	12.91%	10.67%	19.42%	2.40%	16.81%	19.39%	16.66%
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)	13.50%	13.50%	N/A	10.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	16.9 years	N/A	17.7 years	N/A	20.8 years	12.4 years	13.1 years
Number of Annuitants	32	28	47	4	145	33	86
Number of Active Contributing Members	78	42	62	4	379	40	109
Number of Inactive Members	38	96	60	8	294	34	56
Average age of Contributing Members	44.4 years	40.6 years	43.0 years	44.1 years	41.5 years	46.5 years	44.1 years
Average length of service of Contributing Members	12.5 years	7.5 years	8.0 years	13.7 years	9.3 years	8.3 years	11.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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	Seadrift	Seagoville	Seagraves	Sealy	Seguin	Selma	Seminole
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$800,892	\$15,111,184	\$604,980	\$6,417,336	\$65,326,365	\$14,668,709	\$6,189,716
b. Noncontributing Members	143,352	2,749,341	109,428	5,035,065	9,867,831	3,872,113	1,983,621
c. Annuitants	<u>181,232</u>	<u>8,820,161</u>	<u>1,641,516</u>	<u>9,804,311</u>	<u>72,488,722</u>	<u>10,286,371</u>	<u>13,163,137</u>
2. Total Actuarial Accrued Liability	\$1,125,476	\$26,680,686	\$2,355,924	\$21,256,712	\$147,682,918	\$28,827,193	\$21,336,474
3. Actuarial Value of Assets	<u>1,095,810</u>	<u>23,497,671</u>	<u>2,188,487</u>	<u>19,075,444</u>	<u>110,333,881</u>	<u>24,810,581</u>	<u>19,210,120</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$29,666	\$3,183,015	\$167,437	\$2,181,268	\$37,349,037	\$4,016,612	\$2,126,354
5. Funded Ratio: (3) / (2)	97.4%	88.1%	92.9%	89.7%	74.7%	86.1%	90.0%
6. Annual payroll	\$791,753	\$6,917,799	\$854,617	\$4,087,773	\$27,550,769	\$6,251,293	\$3,467,258
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.42%	7.98%	7.48%	9.97%	10.27%	11.45%	8.66%
Prior Service	<u>0.66%</u>	<u>3.61%</u>	<u>1.41%</u>	<u>3.75%</u>	<u>12.21%</u>	<u>4.52%</u>	<u>4.76%</u>
Full Retirement	2.08%	11.59%	8.89%	13.72%	22.48%	15.97%	13.42%
Supplemental Death Benefit	<u>0.35%</u>	<u>0.29%</u>	<u>0.63%</u>	<u>0.24%</u>	<u>0.37%</u>	<u>0.23%</u>	<u>0.45%</u>
Combined Contribution	2.43%	11.88%	9.52%	13.96%	22.85%	16.20%	13.87%
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	13.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	6.5 years	17.8 years	20.1 years	20.9 years	14.7 years	20.9 years	18.1 years
Number of Annuitants	4	72	17	38	282	34	41
Number of Active Contributing Members	19	111	18	59	423	87	63
Number of Inactive Members	3	78	30	65	251	62	54
Average age of Contributing Members	47.4 years	41.9 years	49.2 years	40.9 years	43.1 years	41.7 years	41.7 years
Average length of service of Contributing Members	9.3 years	10.8 years	6.9 years	8.0 years	9.8 years	12.0 years	6.8 years

	Seven Points	Seymour	Shady Shores	Shallowater	Shamrock	Shavano Park	Shenandoah
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$467,375	\$1,707,033	\$191,691	\$669,997	\$265,061	\$5,784,872	\$10,266,293
b. Noncontributing Members	328,384	346,736	0	570,625	346,091	4,028,245	3,928,549
c. Annuitants	<u>384,312</u>	<u>3,093,418</u>	<u>0</u>	<u>675,303</u>	<u>1,615,683</u>	<u>2,811,173</u>	<u>6,495,447</u>
2. Total Actuarial Accrued Liability	\$1,180,071	\$5,147,187	\$191,691	\$1,915,925	\$2,226,835	\$12,624,290	\$20,690,289
3. Actuarial Value of Assets	<u>2,075,119</u>	<u>4,732,567</u>	<u>182,446</u>	<u>1,952,691</u>	<u>2,032,676</u>	<u>11,730,742</u>	<u>16,157,384</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$895,048)	\$414,620	\$9,245	(\$36,766)	\$194,159	\$893,548	\$4,532,905
5. Funded Ratio: (3) / (2)	175.8%	91.9%	95.2%	101.9%	91.3%	92.9%	78.1%
6. Annual payroll	\$693,940	\$1,085,546	\$179,966	\$820,245	\$615,198	\$3,486,998	\$4,220,711
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.53%	3.54%	7.90%	4.92%	3.20%	12.19%	11.44%
Prior Service	<u>-5.02%</u>	<u>3.95%</u>	<u>1.86%</u>	<u>-0.17%</u>	<u>2.85%</u>	<u>1.86%</u>	<u>8.20%</u>
Full Retirement	3.51%	7.49%	9.76%	4.75%	6.05%	14.05%	19.64%
Supplemental Death Benefit	<u>0.43%</u>	<u>0.85%</u>	<u>0.14%</u>	<u>0.23%</u>	<u>0.96%</u>	<u>0.28%</u>	<u>0.27%</u>
Combined Contribution	3.94%	8.34%	9.90%	4.98%	7.01%	14.33%	19.91%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	3.87%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	8.50%	N/A	10.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	12.3 years	3.0 years	N/A	14.7 years	20.0 years	20.9 years
Number of Annuitants	7	30	0	9	18	41	29
Number of Active Contributing Members	15	30	3	17	15	47	55
Number of Inactive Members	32	32	0	18	8	76	43
Average age of Contributing Members	46.4 years	45.3 years	49.3 years	43.6 years	46.1 years	44.4 years	45.5 years
Average length of service of Contributing Members	4.0 years	8.8 years	9.9 years	5.2 years	6.5 years	11.4 years	12.0 years

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	Shepherd	Sherman	Shiner	Shoreacres	Silsbee	Silverton	Simonton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$264,421	\$72,678,173	\$3,019,586	\$355,458	\$8,955,156	\$29,347	\$88,605
b. Noncontributing Members	125,061	12,279,646	698,674	789,247	1,227,625	99,706	0
c. Annuitants	298,553	92,339,118	2,103,575	1,051,246	12,522,484	724,753	0
2. Total Actuarial Accrued Liability	\$688,035	\$177,296,937	\$5,821,835	\$2,195,951	\$22,705,265	\$853,806	\$88,605
3. Actuarial Value of Assets	878,869	157,678,840	4,852,681	2,435,491	18,410,241	861,948	65,440
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$190,834)	\$19,618,097	\$969,154	(\$239,540)	\$4,295,024	(\$8,142)	\$23,165
5. Funded Ratio: (3) / (2)	127.7%	88.9%	83.4%	110.9%	81.1%	101.0%	73.9%
6. Annual payroll	\$330,207	\$32,716,370	\$1,540,616	\$575,075	\$3,671,056	\$140,581	\$155,499
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.16%	9.11%	5.33%	6.21%	9.99%	6.14%	7.66%
Prior Service	-2.25%	4.98%	5.79%	-1.62%	9.18%	-0.23%	3.38%
Full Retirement	2.91%	14.09%	11.12%	4.59%	19.17%	5.91%	11.04%
Supplemental Death Benefit	0.42%	0.33%	0.53%	0.53%	0.00%	0.73%	0.09%
Combined Contribution	3.33%	14.42%	11.65%	5.12%	19.17%	6.64%	11.13%
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	9.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	16.4 years	14.3 years	N/A	17.8 years	N/A	4.9 years
Number of Annuitants	4	381	16	10	63	4	0
Number of Active Contributing Members	10	495	30	9	71	3	2
Number of Inactive Members	8	233	21	19	27	5	0
Average age of Contributing Members	52.8 years	41.3 years	50.8 years	55.4 years	46.4 years	42.3 years	46.5 years
Average length of service of Contributing Members	4.2 years	9.6 years	14.2 years	12.8 years	9.6 years	12.1 years	10.3 years

	Sinton	Skellytown	Slaton	Smithville	Smyer	Snook	Snyder
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,936,666	\$96,985	\$3,593,889	\$5,827,732	\$429,188	\$1,604	\$13,367,955
b. Noncontributing Members	1,105,403	48,193	798,347	1,155,497	0	0	3,790,493
c. Annuitants	4,543,288	120,861	4,942,292	2,658,848	0	0	20,892,294
2. Total Actuarial Accrued Liability	\$11,585,357	\$266,039	\$9,334,528	\$9,642,077	\$429,188	\$1,604	\$38,050,742
3. Actuarial Value of Assets	10,078,962	349,383	9,144,703	7,882,313	434,751	3,305	34,796,486
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$1,506,395	(\$83,344)	\$189,825	\$1,759,764	(\$5,563)	(\$1,701)	\$3,254,256
5. Funded Ratio: (3) / (2)	87.0%	131.3%	98.0%	81.7%	101.3%	206.0%	91.4%
6. Annual payroll	\$1,960,015	\$201,070	\$2,045,650	\$3,287,533	\$143,667	\$113,540	\$5,302,844
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.93%	4.08%	6.26%	6.94%	6.04%	1.90%	9.35%
Prior Service	5.42%	-1.61%	0.71%	4.18%	-0.15%	-0.06%	4.83%
Full Retirement	13.35%	2.47%	6.97%	11.12%	5.89%	1.84%	14.18%
Supplemental Death Benefit	0.36%	0.42%	0.61%	0.50%	0.29%	0.22%	0.51%
Combined Contribution	13.71%	2.89%	7.58%	11.62%	6.18%	2.06%	14.69%
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	9.50%	12.50%	11.50%	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.8 years	N/A	19.7 years	17.9 years	N/A	N/A	17.7 years
Number of Annuitants	34	3	36	32	0	0	73
Number of Active Contributing Members	41	6	40	70	4	2	79
Number of Inactive Members	42	7	26	72	0	0	55
Average age of Contributing Members	40.9 years	48.3 years	44.1 years	48.6 years	53.2 years	42.8 years	43.6 years
Average length of service of Contributing Members	10.8 years	4.6 years	10.7 years	9.8 years	13.7 years	3.0 years	9.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Somerset	Somerville	Sonora	Sour Lake	South Houston	South Padre Island	Southlake
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$175,683	\$714,344	\$1,511,088	\$982,193	\$14,893,109	\$21,799,292	\$72,191,246
b. Noncontributing Members	130,261	360,255	405,433	138,231	2,496,240	6,958,391	24,286,824
c. Annuitants	93,186	551,471	3,429,872	410,795	14,842,158	19,557,815	43,317,604
2. Total Actuarial Accrued Liability	\$399,130	\$1,626,070	\$5,346,393	\$1,531,219	\$32,231,507	\$48,315,498	\$139,795,674
3. Actuarial Value of Assets	481,978	1,671,538	5,015,475	1,699,511	30,359,595	45,242,955	126,636,232
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$82,848)	(\$45,468)	\$330,918	(\$168,292)	\$1,871,912	\$3,072,543	\$13,159,442
5. Funded Ratio: (3) / (2)	120.8%	102.8%	93.8%	111.0%	94.2%	93.6%	90.6%
6. Annual payroll	\$614,830	\$636,280	\$1,390,343	\$759,091	\$6,189,865	\$9,787,117	\$29,165,327
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.96%	6.82%	6.54%	6.43%	6.39%	10.75%	9.32%
Prior Service	-0.52%	-0.28%	1.68%	-0.86%	3.73%	2.25%	3.17%
Full Retirement	2.44%	6.54%	8.22%	5.57%	10.12%	13.00%	12.49%
Supplemental Death Benefit	3.13%	0.54%	0.54%	0.44%	0.52%	0.30%	0.23%
Combined Contribution	5.57%	7.08%	8.76%	6.01%	10.64%	13.30%	12.72%
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)	9.50%	11.50%	N/A	13.50%	N/A	13.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	20.9 years	N/A	9.9 years	20.4 years	21.0 years
Number of Annuitants	5	16	31	7	76	93	171
Number of Active Contributing Members	15	13	31	14	119	168	352
Number of Inactive Members	24	29	27	26	104	127	304
Average age of Contributing Members	45.0 years	42.3 years	42.1 years	50.1 years	46.4 years	42.4 years	41.4 years
Average length of service of Contributing Members	3.2 years	8.8 years	7.8 years	12.8 years	11.4 years	8.5 years	11.0 years

	Southmayd	Southside Place	Spearman	Splendora	Spring Valley Village	Springtown	Spur
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$138,179	\$4,169,424	\$1,677,700	\$1,196,194	\$4,131,699	\$1,692,719	\$300,702
b. Noncontributing Members	28,512	693,528	1,010,182	121,600	1,847,038	2,136,522	187,137
c. Annuitants	62,899	1,963,646	4,268,720	472,116	7,581,166	2,611,898	527,299
2. Total Actuarial Accrued Liability	\$229,590	\$6,826,598	\$6,956,602	\$1,789,910	\$13,559,903	\$6,441,139	\$1,015,138
3. Actuarial Value of Assets	208,180	6,340,464	6,734,103	986,195	13,320,425	7,019,650	977,960
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$21,410	\$486,134	\$222,499	\$803,715	\$239,478	(\$578,511)	\$37,178
5. Funded Ratio: (3) / (2)	90.7%	92.9%	96.8%	55.1%	98.2%	109.0%	96.3%
6. Annual payroll	\$323,152	\$1,637,222	\$1,145,394	\$1,846,919	\$3,686,334	\$2,090,938	\$330,064
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.59%	8.72%	8.68%	6.56%	5.71%	10.87%	2.56%
Prior Service	1.70%	2.06%	1.39%	3.87%	0.46%	-1.08%	2.46%
Full Retirement	3.29%	10.78%	10.07%	10.43%	6.17%	9.79%	5.02%
Supplemental Death Benefit	0.20%	0.55%	0.59%	0.23%	0.28%	0.30%	0.68%
Combined Contribution	3.49%	11.33%	10.66%	10.66%	6.45%	10.09%	5.70%
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	N/A	13.50%	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	4.3 years	21.4 years	20.3 years	14.9 years	20.5 years	N/A	5.1 years
Number of Annuitants	1	18	22	4	41	34	6
Number of Active Contributing Members	7	21	23	31	41	45	9
Number of Inactive Members	8	14	34	12	41	78	20
Average age of Contributing Members	42.1 years	49.8 years	43.7 years	41.8 years	43.3 years	39.9 years	50.0 years
Average length of service of Contributing Members	10.9 years	14.5 years	5.5 years	5.4 years	10.3 years	5.6 years	6.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Stafford	Stamford	Stanton	Star Harbor	Stephenville	Sterling City	Stinnett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$25,497,169	\$804,417	\$2,406,772	\$239,431	\$16,251,447	\$468,781	\$425,225
b. Noncontributing Members	6,028,888	241,686	466,658	23,526	5,341,390	44,173	313,306
c. Annuitants	<u>23,537,675</u>	<u>2,725,918</u>	<u>1,659,509</u>	<u>661,825</u>	<u>24,982,713</u>	<u>205,605</u>	<u>1,309,861</u>
2. Total Actuarial Accrued Liability	\$55,063,732	\$3,772,021	\$4,532,939	\$924,782	\$46,575,550	\$718,559	\$2,048,392
3. Actuarial Value of Assets	<u>51,395,460</u>	<u>4,125,035</u>	<u>4,315,378</u>	<u>901,856</u>	<u>48,655,673</u>	<u>740,080</u>	<u>2,670,511</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$3,668,272	(\$353,014)	\$217,561	\$22,926	(\$2,080,123)	(\$21,521)	(\$622,119)
5. Funded Ratio: (3) / (2)	93.3%	109.4%	95.2%	97.5%	104.5%	103.0%	130.4%
6. Annual payroll	\$10,716,384	\$899,942	\$1,493,397	\$162,715	\$10,742,366	\$361,751	\$841,003
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	11.52%	4.50%	4.71%	8.26%	7.55%	1.36%	2.72%
Prior Service	<u>2.57%</u>	<u>-1.53%</u>	<u>1.04%</u>	<u>2.12%</u>	<u>-0.75%</u>	<u>-0.23%</u>	<u>-2.72%</u>
Full Retirement	14.09%	2.97%	5.75%	10.38%	6.80%	1.13%	0.00%
Supplemental Death Benefit	<u>0.37%</u>	<u>0.70%</u>	<u>0.30%</u>	<u>1.54%</u>	<u>0.34%</u>	<u>0.00%</u>	<u>0.39%</u>
Combined Contribution	14.46%	3.67%	6.05%	11.92%	7.14%	1.13%	0.39%
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	9.50%	9.50%	N/A	N/A	7.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.0 years	N/A	20.4 years	8.0 years	N/A	N/A	N/A
Number of Annuitants	97	28	9	8	124	4	12
Number of Active Contributing Members	176	20	22	4	173	7	16
Number of Inactive Members	110	25	10	4	154	4	20
Average age of Contributing Members	44.4 years	43.0 years	44.8 years	50.8 years	41.0 years	51.4 years	44.5 years
Average length of service of Contributing Members	10.6 years	8.0 years	11.0 years	6.6 years	8.8 years	17.9 years	5.3 years

	Stockdale	Stratford	Strawn	Sudan	Sugar Land	Sullivan City	Sulphur Springs
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$388,449	\$1,277,437	\$12,431	\$712,556	\$180,447,092	\$146,586	\$22,162,944
b. Noncontributing Members	3,856	199,471	0	6,433	36,626,859	53,143	3,943,377
c. Annuitants	<u>78,793</u>	<u>493,467</u>	<u>0</u>	<u>240,829</u>	<u>121,630,082</u>	<u>0</u>	<u>21,118,856</u>
2. Total Actuarial Accrued Liability	\$471,098	\$1,970,375	\$12,431	\$959,818	\$338,704,033	\$199,729	\$47,225,177
3. Actuarial Value of Assets	<u>448,792</u>	<u>1,734,481</u>	<u>10,931</u>	<u>998,521</u>	<u>307,332,958</u>	<u>71,229</u>	<u>46,018,118</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$22,306	\$235,894	\$1,500	(\$38,703)	\$31,371,075	\$128,500	\$1,207,059
5. Funded Ratio: (3) / (2)	95.3%	88.0%	87.9%	104.0%	90.7%	35.7%	97.4%
6. Annual payroll	\$459,496	\$785,114	\$304,724	\$410,731	\$63,166,793	\$853,134	\$9,301,451
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.59%	7.50%	6.87%	1.50%	10.74%	1.34%	4.67%
Prior Service	<u>0.97%</u>	<u>2.56%</u>	<u>0.06%</u>	<u>-0.37%</u>	<u>3.85%</u>	<u>1.13%</u>	<u>2.52%</u>
Full Retirement	3.56%	10.06%	6.93%	1.13%	14.59%	2.47%	7.19%
Supplemental Death Benefit	<u>0.70%</u>	<u>0.51%</u>	<u>0.48%</u>	<u>0.00%</u>	<u>0.24%</u>	<u>0.10%</u>	<u>0.43%</u>
Combined Contribution	4.26%	10.57%	7.41%	1.13%	14.83%	2.57%	7.62%
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	N/A	N/A	7.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	5.6 years	15.9 years	10.0 years	N/A	18.1 years	19.0 years	5.8 years
Number of Annuitants	2	9	0	2	337	0	129
Number of Active Contributing Members	9	13	5	8	826	21	145
Number of Inactive Members	2	19	0	2	410	10	96
Average age of Contributing Members	56.9 years	42.5 years	51.7 years	50.5 years	41.3 years	35.5 years	44.1 years
Average length of service of Contributing Members	13.3 years	9.0 years	8.0 years	15.4 years	10.9 years	3.4 years	12.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Sundown	Sunnyvale	Sunray	Sunrise Beach Village	Sunset Valley	Surfside Beach	Sweeny
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$977,194	\$3,836,008	\$1,466,815	\$258,936	\$2,723,505	\$304,856	\$1,220,330
b. Noncontributing Members	839,930	2,226,770	292,782	54,437	2,727,720	285,932	805,093
c. Annuitants	<u>1,924,080</u>	<u>3,313,459</u>	<u>1,284,961</u>	<u>137,330</u>	<u>3,577,455</u>	<u>396,389</u>	<u>4,086,636</u>
2. Total Actuarial Accrued Liability	\$3,741,204	\$9,376,237	\$3,044,558	\$450,703	\$9,028,680	\$987,177	\$6,112,059
3. Actuarial Value of Assets	<u>3,506,045</u>	<u>8,753,729</u>	<u>2,968,858</u>	<u>488,061</u>	<u>8,512,602</u>	<u>1,165,510</u>	<u>5,270,183</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$235,159	\$622,508	\$75,700	(\$37,358)	\$516,078	(\$178,333)	\$841,876
5. Funded Ratio: (3) / (2)	93.7%	93.4%	97.5%	108.3%	94.3%	118.1%	86.2%
6. Annual payroll	\$537,640	\$4,888,122	\$605,606	\$685,545	\$2,191,622	\$1,325,737	\$1,249,283
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.84%	11.41%	10.55%	1.69%	9.02%	6.03%	9.50%
Prior Service	<u>3.86%</u>	<u>0.89%</u>	<u>1.17%</u>	<u>-0.21%</u>	<u>1.69%</u>	<u>-0.52%</u>	<u>5.28%</u>
Full Retirement	12.70%	12.30%	11.72%	1.48%	10.71%	5.51%	14.78%
Supplemental Death Benefit	<u>0.62%</u>	<u>0.25%</u>	<u>0.41%</u>	<u>0.31%</u>	<u>0.20%</u>	<u>0.31%</u>	<u>0.48%</u>
Combined Contribution	13.32%	12.55%	12.13%	1.79%	10.91%	5.82%	15.26%
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	N/A	N/A	7.50%	13.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	15.2 years	21.1 years	14.0 years	N/A	20.2 years	N/A	17.8 years
Number of Annuitants	19	26	7	4	13	9	18
Number of Active Contributing Members	12	74	12	12	28	37	24
Number of Inactive Members	13	58	13	6	38	52	35
Average age of Contributing Members	50.8 years	42.5 years	45.2 years	45.8 years	40.2 years	41.7 years	38.5 years
Average length of service of Contributing Members	7.5 years	8.7 years	8.7 years	6.3 years	7.2 years	2.6 years	5.6 years

	Sweetwater	TMRS	Taft	Tahoka	Talty	Tatum	Taylor
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$15,114,868	\$30,909,251	\$765,358	\$843,320	\$168,427	\$193,744	\$17,881,382
b. Noncontributing Members	2,210,992	5,777,079	589,053	134,473	19,741	191,603	4,820,823
c. Annuitants	<u>22,410,799</u>	<u>30,787,523</u>	<u>2,605,498</u>	<u>1,600,153</u>	<u>39,201</u>	<u>111,272</u>	<u>17,917,987</u>
2. Total Actuarial Accrued Liability	\$39,736,659	\$67,473,853	\$3,959,909	\$2,577,946	\$227,369	\$496,619	\$40,620,192
3. Actuarial Value of Assets	<u>34,323,900</u>	<u>58,984,155</u>	<u>3,504,380</u>	<u>3,357,289</u>	<u>181,616</u>	<u>498,633</u>	<u>35,504,867</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$5,412,759	\$8,489,698	\$455,529	(\$779,343)	\$45,753	(\$2,014)	\$5,115,325
5. Funded Ratio: (3) / (2)	86.4%	87.4%	88.5%	130.2%	79.9%	100.4%	87.4%
6. Annual payroll	\$6,415,911	\$14,962,463	\$1,256,897	\$901,372	\$210,595	\$326,887	\$10,194,398
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.75%	11.33%	8.81%	5.96%	5.40%	1.49%	9.43%
Prior Service	<u>7.87%</u>	<u>4.40%</u>	<u>2.68%</u>	<u>-3.37%</u>	<u>3.97%</u>	<u>-0.02%</u>	<u>3.51%</u>
Full Retirement	17.62%	15.73%	11.49%	2.59%	9.37%	1.47%	12.94%
Supplemental Death Benefit	<u>0.42%</u>	<u>0.32%</u>	<u>0.60%</u>	<u>0.49%</u>	<u>0.84%</u>	<u>0.44%</u>	<u>0.33%</u>
Combined Contribution	18.04%	16.05%	12.09%	3.08%	10.21%	1.91%	13.27%
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	N/A	N/A	11.50%	N/A	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	14.0 years	18.1 years	19.9 years	N/A	6.2 years	N/A	21.1 years
Number of Annuitants	95	57	19	14	1	4	125
Number of Active Contributing Members	103	124	26	23	6	6	164
Number of Inactive Members	44	61	65	14	3	23	136
Average age of Contributing Members	44.6 years	47.7 years	46.6 years	44.2 years	53.8 years	44.9 years	42.3 years
Average length of service of Contributing Members	10.0 years	10.3 years	2.9 years	6.2 years	9.1 years	5.9 years	8.6 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Teague	Temple	Tenaha	Terrell	Terrell Hills	Tex Municipal League IEBP	Tex Municipal League IRP
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$786,500	\$111,638,391	\$61,190	\$39,203,469	\$7,175,179	\$21,090,402	\$113,583,362
b. Noncontributing Members	765,885	20,996,890	41,734	4,501,432	3,205,543	7,793,035	10,434,948
c. Annuitants	2,085,366	125,604,845	215,568	33,978,285	8,225,618	16,747,356	79,620,097
2. Total Actuarial Accrued Liability	\$3,637,751	\$258,240,126	\$318,492	\$77,683,186	\$18,606,340	\$45,630,793	\$203,638,407
3. Actuarial Value of Assets	3,859,419	220,889,433	402,809	66,111,521	15,968,888	42,372,800	198,095,244
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$221,668)	\$37,350,693	(\$84,317)	\$11,571,665	\$2,637,452	\$3,257,993	\$5,543,163
5. Funded Ratio: (3) / (2)	106.1%	85.5%	126.5%	85.1%	85.8%	92.9%	97.3%
6. Annual payroll	\$966,089	\$43,900,065	\$211,359	\$13,114,257	\$3,070,711	\$12,826,493	\$28,903,915
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	8.77%	10.77%	1.35%	10.94%	9.68%	5.70%	10.08%
Prior Service	-0.89%	6.65%	-1.35%	6.90%	6.13%	2.75%	1.43%
Full Retirement	7.88%	17.42%	0.00%	17.84%	15.81%	8.45%	11.51%
Supplemental Death Benefit	0.37%	0.34%	0.95%	0.37%	0.31%	0.29%	0.33%
Combined Contribution	8.25%	17.76%	0.95%	18.21%	16.12%	8.74%	11.84%
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)	13.50%	N/A	7.50%	N/A	N/A	12.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	17.9 years	N/A	17.9 years	20.5 years	11.6 years	19.3 years
Number of Annuitants	26	477	6	148	36	52	125
Number of Active Contributing Members	24	737	4	193	47	133	249
Number of Inactive Members	37	554	6	68	60	90	50
Average age of Contributing Members	38.2 years	43.6 years	41.8 years	42.7 years	39.0 years	46.4 years	49.4 years
Average length of service of Contributing Members	3.6 years	9.5 years	5.0 years	10.8 years	9.4 years	8.6 years	14.6 years

	Texarkana	Texarkana Police Dept	Texarkana Water Utilities	Texas City	Texas Municipal League	The Colony	Thompsons
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$20,930,871	\$19,749,419	\$21,087,021	\$78,856,542	\$11,142,821	\$63,521,269	\$153,668
b. Noncontributing Members	4,784,863	2,655,337	3,275,460	10,126,183	4,362,593	10,244,165	0
c. Annuitants	40,030,435	33,511,208	26,962,108	98,424,643	11,958,723	56,957,668	122,998
2. Total Actuarial Accrued Liability	\$65,746,169	\$55,915,964	\$51,324,589	\$187,407,368	\$27,464,137	\$130,723,102	\$276,666
3. Actuarial Value of Assets	57,936,193	50,576,051	44,912,801	161,694,631	24,469,750	116,162,803	260,032
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$7,809,976	\$5,339,913	\$6,411,788	\$25,712,737	\$2,994,387	\$14,560,299	\$16,634
5. Funded Ratio: (3) / (2)	88.1%	90.5%	87.5%	86.3%	89.1%	88.9%	94.0%
6. Annual payroll	\$8,741,354	\$6,266,103	\$8,270,805	\$27,272,489	\$3,513,905	\$30,990,601	\$88,810
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.19%	10.18%	9.81%	10.02%	7.79%	9.96%	2.41%
Prior Service	7.25%	6.02%	7.16%	8.22%	7.32%	3.55%	4.61%
Full Retirement	16.44%	16.20%	16.97%	18.24%	15.11%	13.51%	7.02%
Supplemental Death Benefit	0.00%	0.00%	0.00%	0.00%	0.31%	0.24%	0.61%
Combined Contribution	16.44%	16.20%	16.97%	18.24%	15.42%	13.75%	7.63%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.8 years	20.8 years	14.3 years	15.4 years	15.7 years	18.8 years	4.5 years
Number of Annuitants	219	92	131	330	30	235	2
Number of Active Contributing Members	190	85	169	422	33	396	2
Number of Inactive Members	120	29	68	209	21	251	0
Average age of Contributing Members	46.7 years	37.2 years	44.7 years	44.6 years	48.0 years	41.4 years	65.7 years
Average length of service of Contributing Members	9.3 years	12.4 years	9.4 years	11.3 years	13.4 years	10.7 years	15.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Thorndale	Thrall	Three Rivers	Throckmorton	Tiki Island	Timpson	Tioga
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$346,745	\$164,833	\$7,151,433	\$147,040	\$706,208	\$350,945	\$609,586
b. Noncontributing Members	77,803	62,675	493,697	4,325	229,886	40,724	78,804
c. Annuitants	649,320	9,872	4,042,218	623,409	94,747	596,155	0
2. Total Actuarial Accrued Liability	\$1,073,868	\$237,380	\$11,687,348	\$774,774	\$1,030,841	\$987,824	\$688,390
3. Actuarial Value of Assets	1,044,431	265,143	8,256,537	742,361	989,125	1,107,852	714,413
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$29,437	(\$27,763)	\$3,430,811	\$32,413	\$41,716	(\$120,028)	(\$26,023)
5. Funded Ratio: (3) / (2)	97.3%	111.7%	70.6%	95.8%	96.0%	112.2%	103.8%
6. Annual payroll	\$400,972	\$264,243	\$1,757,929	\$158,855	\$561,783	\$298,874	\$508,734
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.47%	3.70%	10.27%	5.94%	2.37%	2.57%	4.55%
Prior Service	0.90%	-0.41%	16.53%	2.51%	1.10%	-1.56%	-0.20%
Full Retirement	7.37%	3.29%	26.80%	8.45%	3.47%	1.01%	4.35%
Supplemental Death Benefit	0.48%	0.80%	1.18%	0.61%	0.51%	0.54%	0.33%
Combined Contribution	7.85%	4.09%	27.98%	9.06%	3.98%	1.55%	4.68%
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)	9.50%	N/A	N/A	9.50%	N/A	7.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	10.5 years	N/A	16.0 years	10.0 years	7.9 years	N/A	N/A
Number of Annuitants	9	1	23	9	1	5	0
Number of Active Contributing Members	9	6	32	5	8	6	10
Number of Inactive Members	8	10	20	2	8	6	14
Average age of Contributing Members	54.0 years	51.1 years	52.4 years	41.9 years	58.7 years	44.4 years	52.5 years
Average length of service of Contributing Members	8.9 years	9.2 years	13.3 years	6.7 years	11.7 years	9.7 years	11.2 years

	Todd Mission	Tolar	Tom Bean	Tomball	Tool	Trent	Trenton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$102,267	\$161,078	\$225,086	\$23,838,824	\$37,133	\$152,747	\$102,310
b. Noncontributing Members	1,278	190,174	136,192	8,374,479	6,770	0	54,459
c. Annuitants	0	393,695	34,941	26,013,231	0	139,698	268,959
2. Total Actuarial Accrued Liability	\$103,545	\$744,947	\$396,219	\$58,226,534	\$43,903	\$292,445	\$425,728
3. Actuarial Value of Assets	64,774	766,709	461,444	50,413,597	46,755	327,871	461,233
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$38,771	(\$21,762)	(\$65,225)	\$7,812,937	(\$2,852)	(\$35,426)	(\$35,505)
5. Funded Ratio: (3) / (2)	62.6%	102.9%	116.5%	86.6%	106.5%	112.1%	108.3%
6. Annual payroll	\$362,008	\$322,311	\$355,441	\$13,870,489	\$639,878	\$94,653	\$301,228
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.31%	7.46%	3.42%	9.56%	3.60%	5.43%	4.29%
Prior Service	1.31%	-0.26%	-0.71%	3.95%	-0.02%	-1.46%	-0.46%
Full Retirement	7.62%	7.20%	2.71%	13.51%	3.58%	3.97%	3.83%
Supplemental Death Benefit	0.11%	0.33%	0.24%	0.27%	0.25%	0.64%	0.47%
Combined Contribution	7.73%	7.53%	2.95%	13.78%	3.83%	4.61%	4.30%
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	N/A	10.50%	N/A	N/A	11.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	10.0 years	N/A	N/A	21.0 years	N/A	N/A	N/A
Number of Annuitants	0	5	3	111	0	1	5
Number of Active Contributing Members	5	6	7	195	18	2	6
Number of Inactive Members	1	8	18	129	4	0	11
Average age of Contributing Members	42.8 years	48.9 years	40.9 years	38.9 years	44.1 years	66.1 years	35.7 years
Average length of service of Contributing Members	2.6 years	3.5 years	8.4 years	7.6 years	4.7 years	18.0 years	8.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Trinidad	Trinity	Trophy Club	Troup	Troy	Tulia	Turkey
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$365,722	\$697,911	\$9,480,244	\$1,398,640	\$1,150,317	\$2,266,047	\$71,045
b. Noncontributing Members	41,999	255,574	9,047,939	145,709	156,810	737,027	1,406
c. Annuitants	<u>343,440</u>	<u>799,216</u>	<u>8,616,199</u>	<u>633,649</u>	<u>448,671</u>	<u>7,796,680</u>	<u>227,788</u>
2. Total Actuarial Accrued Liability	\$751,161	\$1,752,701	\$27,144,382	\$2,177,998	\$1,755,798	\$10,799,754	\$300,239
3. Actuarial Value of Assets	<u>582,772</u>	<u>1,925,845</u>	<u>25,172,784</u>	<u>1,808,941</u>	<u>1,740,190</u>	<u>10,531,704</u>	<u>241,278</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$168,389	(\$173,144)	\$1,971,598	\$369,057	\$15,608	\$268,050	\$58,961
5. Funded Ratio: (3) / (2)	77.6%	109.9%	92.7%	83.1%	99.1%	97.5%	80.4%
6. Annual payroll	\$305,532	\$915,029	\$5,825,296	\$943,006	\$846,654	\$1,686,444	\$154,615
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.14%	6.61%	10.55%	5.99%	9.29%	8.47%	2.10%
Prior Service	<u>6.75%</u>	<u>-0.74%</u>	<u>2.35%</u>	<u>2.87%</u>	<u>0.14%</u>	<u>1.15%</u>	<u>3.36%</u>
Full Retirement	15.89%	5.87%	12.90%	8.86%	9.43%	9.62%	5.46%
Supplemental Death Benefit	<u>0.69%</u>	<u>0.69%</u>	<u>0.31%</u>	<u>0.50%</u>	<u>0.72%</u>	<u>0.41%</u>	<u>0.89%</u>
Combined Contribution	16.58%	6.56%	13.21%	9.36%	10.15%	10.03%	6.35%
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%	N/A	11.50%	13.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	10.5 years	N/A	21.3 years	19.7 years	19.0 years	20.0 years	15.2 years
Number of Annuitants	6	10	56	14	11	32	6
Number of Active Contributing Members	6	29	73	21	14	38	4
Number of Inactive Members	6	48	116	16	7	40	2
Average age of Contributing Members	52.6 years	45.1 years	44.8 years	43.2 years	48.1 years	41.2 years	53.5 years
Average length of service of Contributing Members	7.5 years	3.8 years	11.9 years	8.2 years	13.5 years	7.1 years	12.2 years

	Tuscola	Tye	Tyler	Uhland	Universal City	University Park	Uvalde
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$23,433	\$93,331	\$126,520,431	\$316,358	\$23,964,988	\$48,525,002	\$12,276,317
b. Noncontributing Members	24,096	498,373	16,701,261	3,602	4,511,682	5,390,175	2,703,396
c. Annuitants	<u>0</u>	<u>631,506</u>	<u>163,117,022</u>	<u>0</u>	<u>23,070,037</u>	<u>58,815,580</u>	<u>8,940,732</u>
2. Total Actuarial Accrued Liability	\$47,529	\$1,223,210	\$306,338,714	\$319,960	\$51,546,707	\$112,730,757	\$23,920,445
3. Actuarial Value of Assets	<u>23,693</u>	<u>1,136,297</u>	<u>248,669,212</u>	<u>88,333</u>	<u>40,250,695</u>	<u>110,233,815</u>	<u>21,073,463</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$23,836	\$86,913	\$57,669,502	\$231,627	\$11,296,012	\$2,496,942	\$2,846,982
5. Funded Ratio: (3) / (2)	49.8%	92.9%	81.2%	27.6%	78.1%	97.8%	88.1%
6. Annual payroll	\$78,928	\$659,261	\$45,117,620	\$308,548	\$9,146,324	\$19,895,745	\$7,707,229
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.71%	4.49%	9.53%	2.41%	10.14%	5.92%	6.13%
Prior Service	<u>4.80%</u>	<u>1.20%</u>	<u>12.05%</u>	<u>9.99%</u>	<u>9.45%</u>	<u>2.67%</u>	<u>2.81%</u>
Full Retirement	6.51%	5.69%	21.58%	12.40%	19.59%	8.59%	8.94%
Supplemental Death Benefit	<u>0.13%</u>	<u>0.35%</u>	<u>0.45%</u>	<u>0.17%</u>	<u>0.25%</u>	<u>0.00%</u>	<u>0.35%</u>
Combined Contribution	6.64%	6.04%	22.03%	12.57%	19.84%	8.59%	9.29%
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	N/A	N/A	N/A	N/A	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	7.3 years	14.6 years	13.8 years	9.0 years	18.5 years	5.3 years	18.6 years
Number of Annuitants	0	13	622	0	87	201	89
Number of Active Contributing Members	3	14	708	4	138	227	157
Number of Inactive Members	4	21	356	1	125	67	116
Average age of Contributing Members	41.4 years	41.7 years	44.1 years	48.0 years	41.2 years	45.3 years	40.9 years
Average length of service of Contributing Members	5.8 years	5.5 years	9.9 years	8.2 years	9.7 years	15.0 years	8.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Valley Mills	Valley View	Van	Van Alstyne	Van Horn	Vega	Venus
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$74,078	\$74,503	\$856,404	\$4,163,418	\$2,563,242	\$898,797	\$1,187,260
b. Noncontributing Members	53,390	25,089	357,904	2,369,325	282,631	4,646	460,330
c. Annuitants	0	10,269	1,941,267	1,740,524	2,730,801	913,427	1,362,974
2. Total Actuarial Accrued Liability	\$127,468	\$109,861	\$3,155,575	\$8,273,267	\$5,576,674	\$1,816,870	\$3,010,564
3. Actuarial Value of Assets	169,288	117,888	3,321,676	6,948,705	5,121,634	1,852,579	3,068,791
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$41,820)	(\$8,027)	(\$166,101)	\$1,324,562	\$455,040	(\$35,709)	(\$58,227)
5. Funded Ratio: (3) / (2)	132.8%	107.3%	105.3%	84.0%	91.8%	102.0%	101.9%
6. Annual payroll	\$398,000	\$291,219	\$1,167,743	\$3,403,626	\$1,361,715	\$250,423	\$2,224,411
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	1.86%	4.62%	7.50%	9.80%	5.14%	10.53%	10.79%
Prior Service	-0.41%	-0.11%	-0.55%	2.85%	3.10%	-0.56%	-0.10%
Full Retirement	1.45%	4.51%	6.95%	12.65%	8.24%	9.97%	10.69%
Supplemental Death Benefit	0.16%	0.14%	0.50%	0.29%	0.45%	0.36%	0.00%
Combined Contribution	1.61%	4.65%	7.45%	12.94%	8.69%	10.33%	10.69%
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	N/A	12.50%	13.50%	9.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	N/A	19.6 years	15.4 years	N/A	N/A
Number of Annuitants	0	1	17	23	19	3	18
Number of Active Contributing Members	9	7	24	58	27	5	43
Number of Inactive Members	15	10	25	97	23	2	27
Average age of Contributing Members	44.2 years	43.3 years	46.4 years	38.0 years	46.4 years	43.7 years	39.5 years
Average length of service of Contributing Members	3.4 years	4.4 years	6.4 years	6.0 years	10.0 years	9.2 years	6.2 years

	Vernon	Victoria	Vidor	Village Fire Department	Village of the Hills	Von Ormy	Waco
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,180,936	\$71,814,110	\$7,021,973	\$9,608,825	\$116,897	\$177,959	\$274,032,905
b. Noncontributing Members	4,463,328	24,861,675	2,518,056	3,016,342	0	0	29,480,291
c. Annuitants	14,030,757	134,965,000	14,873,508	10,004,909	0	0	294,480,414
2. Total Actuarial Accrued Liability	\$25,675,021	\$231,640,785	\$24,413,537	\$22,630,076	\$116,897	\$177,959	\$597,993,610
3. Actuarial Value of Assets	23,204,166	192,546,079	21,795,202	22,370,713	93,519	8,101	536,500,316
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$2,470,855	\$39,094,706	\$2,618,335	\$259,363	\$23,378	\$169,858	\$61,493,294
5. Funded Ratio: (3) / (2)	90.4%	83.1%	89.3%	98.9%	80.0%	4.6%	89.7%
6. Annual payroll	\$4,306,989	\$33,761,337	\$4,024,187	\$4,854,138	\$120,147	\$516,823	\$103,611,132
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	7.38%	7.70%	9.39%	5.27%	7.75%	5.85%	7.73%
Prior Service	4.92%	9.57%	5.74%	0.84%	5.02%	3.07%	6.19%
Full Retirement	12.30%	17.27%	15.13%	6.11%	12.77%	8.92%	13.92%
Supplemental Death Benefit	0.56%	0.42%	0.50%	0.25%	0.12%	0.10%	0.00%
Combined Contribution	12.86%	17.69%	15.63%	6.36%	12.89%	9.02%	13.92%
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	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	16.3 years	16.5 years	15.1 years	7.5 years	4.3 years	14.0 years	12.2 years
Number of Annuitants	82	544	65	31	0	0	1,205
Number of Active Contributing Members	85	553	70	51	1	9	1,530
Number of Inactive Members	136	460	47	34	0	0	767
Average age of Contributing Members	40.5 years	40.5 years	46.5 years	40.8 years	49.3 years	39.2 years	44.0 years
Average length of service of Contributing Members	7.9 years	9.2 years	7.6 years	11.1 years	23.8 years	2.9 years	10.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Waelder	Wake Village	Waller	Wallis	Walnut Springs	Waskom	Watauga
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$670,284	\$1,856,740	\$2,576,209	\$533,877	\$140,430	\$1,314,245	\$28,909,974
b. Noncontributing Members	323,037	619,916	608,156	280,911	0	221,445	9,807,781
c. Annuitants	310,957	3,028,543	1,973,528	667,544	70,581	2,152,456	29,413,118
2. Total Actuarial Accrued Liability	\$1,304,278	\$5,505,199	\$5,157,893	\$1,482,332	\$211,011	\$3,688,146	\$68,130,873
3. Actuarial Value of Assets	1,391,515	4,784,945	4,387,212	1,631,703	205,443	2,404,895	60,320,310
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$87,237)	\$720,254	\$770,681	(\$149,371)	\$5,568	\$1,283,251	\$7,810,563
5. Funded Ratio: (3) / (2)	106.7%	86.9%	85.1%	110.1%	97.4%	65.2%	88.5%
6. Annual payroll	\$833,322	\$1,207,465	\$2,030,072	\$736,234	\$141,464	\$751,875	\$10,506,214
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	2.39%	9.88%	7.71%	3.17%	1.30%	9.85%	10.63%
Prior Service	-0.41%	4.20%	2.93%	-0.79%	1.21%	14.27%	5.90%
Full Retirement	1.98%	14.08%	10.64%	2.38%	2.51%	24.12%	16.53%
Supplemental Death Benefit	0.30%	0.75%	0.54%	0.65%	0.30%	0.39%	0.31%
Combined Contribution	2.28%	14.83%	11.18%	3.03%	2.81%	24.51%	16.84%
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)	7.50%	N/A	13.50%	8.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	20.9 years	18.3 years	N/A	3.5 years	16.9 years	18.9 years
Number of Annuitants	5	23	22	8	3	14	145
Number of Active Contributing Members	18	23	38	16	3	15	152
Number of Inactive Members	23	27	35	18	0	12	177
Average age of Contributing Members	45.5 years	45.3 years	43.5 years	48.1 years	44.9 years	43.3 years	42.0 years
Average length of service of Contributing Members	8.2 years	9.4 years	6.7 years	5.6 years	9.0 years	8.3 years	11.6 years

	Waxahachie	Weatherford	Webster	Weimar	Wellington	Wells	Weslaco
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$49,719,389	\$58,185,158	\$35,472,312	\$3,171,165	\$1,650,159	\$103,396	\$20,736,369
b. Noncontributing Members	5,841,502	12,185,978	8,872,365	504,237	28,355	44,582	5,230,255
c. Annuitants	43,718,344	82,615,932	40,208,472	5,779,247	1,951,935	204,911	26,233,265
2. Total Actuarial Accrued Liability	\$99,279,235	\$152,987,068	\$84,553,149	\$9,454,649	\$3,630,449	\$352,889	\$52,199,889
3. Actuarial Value of Assets	82,019,402	137,628,342	71,985,202	8,962,134	3,802,412	398,633	48,241,588
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$17,259,833	\$15,358,726	\$12,567,947	\$492,515	(\$171,963)	(\$45,744)	\$3,958,301
5. Funded Ratio: (3) / (2)	82.6%	90.0%	85.1%	94.8%	104.7%	113.0%	92.4%
6. Annual payroll	\$22,202,680	\$25,586,089	\$13,628,686	\$1,585,844	\$403,343	\$306,687	\$13,518,834
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	10.52%	9.87%	12.06%	9.20%	4.88%	4.02%	5.02%
Prior Service	6.19%	4.66%	6.53%	3.70%	-1.66%	-0.58%	3.16%
Full Retirement	16.71%	14.53%	18.59%	12.90%	3.22%	3.44%	8.18%
Supplemental Death Benefit	0.30%	0.30%	0.31%	0.50%	0.93%	0.00%	0.37%
Combined Contribution	17.01%	14.83%	18.90%	13.40%	4.15%	3.44%	8.55%
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	N/A	N/A	N/A	N/A	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	17.5 years	18.1 years	20.7 years	10.3 years	N/A	N/A	12.3 years
Number of Annuitants	162	279	141	32	13	2	191
Number of Active Contributing Members	321	354	174	28	9	7	278
Number of Inactive Members	85	238	118	16	8	3	182
Average age of Contributing Members	42.1 years	40.2 years	41.8 years	44.1 years	51.3 years	47.4 years	42.1 years
Average length of service of Contributing Members	10.1 years	9.7 years	11.3 years	9.5 years	17.2 years	4.9 years	8.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	West	West Columbia	West Lake Hills	West Orange	West Tawakoni	West University Place	Westlake
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,228,971	\$2,888,649	\$2,475,527	\$6,410,363	\$712,349	\$22,787,551	\$6,784,144
b. Noncontributing Members	200,267	152,245	3,005,577	1,587,262	164,268	10,501,599	2,786,486
c. Annuitants	<u>1,395,456</u>	<u>2,309,141</u>	<u>6,173,611</u>	<u>4,833,651</u>	<u>645,282</u>	<u>28,261,158</u>	<u>3,526,090</u>
2. Total Actuarial Accrued Liability	\$2,824,694	\$5,350,035	\$11,654,715	\$12,831,276	\$1,521,899	\$61,550,308	\$13,096,720
3. Actuarial Value of Assets	<u>2,860,712</u>	<u>6,063,969</u>	<u>10,124,113</u>	<u>11,369,885</u>	<u>1,563,189</u>	<u>55,590,993</u>	<u>11,495,938</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$36,018)	(\$713,934)	\$1,530,602	\$1,461,391	(\$41,290)	\$5,959,315	\$1,600,782
5. Funded Ratio: (3) / (2)	101.3%	113.3%	86.9%	88.6%	102.7%	90.3%	87.8%
6. Annual payroll	\$986,803	\$1,850,987	\$2,165,443	\$1,603,556	\$533,417	\$11,386,983	\$5,040,915
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.14%	5.38%	12.94%	9.98%	5.98%	8.63%	9.71%
Prior Service	<u>-0.14%</u>	<u>-1.50%</u>	<u>5.33%</u>	<u>8.12%</u>	<u>-0.30%</u>	<u>3.61%</u>	<u>2.33%</u>
Full Retirement	5.00%	3.88%	18.27%	18.10%	5.68%	12.24%	12.04%
Supplemental Death Benefit	<u>0.41%</u>	<u>0.00%</u>	<u>0.48%</u>	<u>0.00%</u>	<u>0.47%</u>	<u>0.39%</u>	<u>0.23%</u>
Combined Contribution	5.41%	3.88%	18.75%	18.10%	6.15%	12.63%	12.27%
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%	11.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	N/A	20.8 years	15.7 years	N/A	21.6 years	19.7 years
Number of Annuitants	12	22	37	16	13	128	21
Number of Active Contributing Members	20	33	27	23	14	128	48
Number of Inactive Members	12	38	35	19	28	133	36
Average age of Contributing Members	44.5 years	44.2 years	43.3 years	52.9 years	46.0 years	43.0 years	44.2 years
Average length of service of Contributing Members	9.6 years	7.9 years	8.8 years	14.4 years	5.4 years	12.3 years	11.0 years

	Westover Hills	Westworth Village	Wharton	Wheeler	White Deer	White Oak	White Settlement
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,060,683	\$3,403,081	\$7,861,992	\$353,012	\$303,361	\$7,140,700	\$14,128,219
b. Noncontributing Members	669,461	2,004,074	3,521,913	137,032	182,895	778,299	4,987,982
c. Annuitants	<u>998,942</u>	<u>2,759,719</u>	<u>10,001,588</u>	<u>1,029,349</u>	<u>284,594</u>	<u>8,456,283</u>	<u>24,115,593</u>
2. Total Actuarial Accrued Liability	\$2,729,086	\$8,166,874	\$21,385,493	\$1,519,393	\$770,850	\$16,375,282	\$43,231,794
3. Actuarial Value of Assets	<u>2,720,925</u>	<u>8,084,361</u>	<u>20,339,971</u>	<u>1,415,212</u>	<u>623,081</u>	<u>14,985,380</u>	<u>34,760,789</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$8,161	\$82,513	\$1,045,522	\$104,181	\$147,769	\$1,389,902	\$8,471,005
5. Funded Ratio: (3) / (2)	99.7%	99.0%	95.1%	93.1%	80.8%	91.5%	80.4%
6. Annual payroll	\$1,503,824	\$2,280,609	\$5,791,130	\$289,443	\$310,249	\$2,453,075	\$7,738,439
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.59%	9.49%	4.46%	6.70%	3.86%	11.33%	9.65%
Prior Service	<u>0.04%</u>	<u>0.25%</u>	<u>1.32%</u>	<u>4.13%</u>	<u>5.05%</u>	<u>4.11%</u>	<u>8.42%</u>
Full Retirement	5.63%	9.74%	5.78%	10.83%	8.91%	15.44%	18.07%
Supplemental Death Benefit	<u>0.57%</u>	<u>0.35%</u>	<u>0.35%</u>	<u>0.39%</u>	<u>1.33%</u>	<u>0.47%</u>	<u>0.31%</u>
Combined Contribution	6.20%	10.09%	6.13%	11.22%	10.24%	15.91%	18.38%
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)	13.50%	13.50%	9.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.7 years	21.9 years	19.7 years	10.8 years	12.7 years	20.2 years	18.3 years
Number of Annuitants	23	33	54	3	6	41	120
Number of Active Contributing Members	22	37	93	6	5	43	128
Number of Inactive Members	21	63	88	5	6	21	172
Average age of Contributing Members	42.4 years	39.7 years	42.1 years	43.4 years	50.5 years	45.8 years	40.1 years
Average length of service of Contributing Members	9.6 years	8.4 years	10.3 years	7.1 years	8.6 years	13.1 years	8.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Whiteface	Whitehouse	Whitesboro	Whitewright	Whitney	Wichita Falls	Willis
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$532,391	\$2,938,401	\$4,757,487	\$587,738	\$489,858	\$138,309,154	\$3,581,544
b. Noncontributing Members	305,617	1,832,714	1,103,713	476,185	567,759	15,610,981	1,477,588
c. Annuitants	12,267	1,897,532	3,050,560	473,989	397,261	177,680,435	2,681,401
2. Total Actuarial Accrued Liability	\$850,275	\$6,668,647	\$8,911,760	\$1,537,912	\$1,454,878	\$331,600,570	\$7,740,533
3. Actuarial Value of Assets	991,747	6,662,205	8,781,655	1,715,793	1,507,415	277,192,395	7,804,817
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$141,472)	\$6,442	\$130,105	(\$177,881)	(\$52,537)	\$54,408,175	(\$64,284)
5. Funded Ratio: (3) / (2)	116.6%	99.9%	98.5%	111.6%	103.6%	83.6%	100.8%
6. Annual payroll	\$151,529	\$2,523,208	\$2,687,750	\$950,917	\$984,274	\$52,879,131	\$2,523,261
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	5.97%	7.56%	5.25%	3.56%	3.20%	6.83%	8.22%
Prior Service	-3.63%	0.02%	0.41%	-0.73%	-0.21%	9.67%	-0.10%
Full Retirement	2.34%	7.58%	5.66%	2.83%	2.99%	16.50%	8.12%
Supplemental Death Benefit	1.70%	0.26%	0.32%	0.33%	0.45%	0.00%	0.46%
Combined Contribution	4.04%	7.84%	5.98%	3.16%	3.44%	16.50%	8.58%
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	12.50%	9.50%	9.50%	7.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	N/A	19.3 years	16.0 years	N/A	N/A	13.9 years	N/A
Number of Annuitants	1	21	31	10	13	763	25
Number of Active Contributing Members	3	48	62	20	20	992	42
Number of Inactive Members	2	56	40	40	34	548	47
Average age of Contributing Members	57.2 years	39.8 years	44.8 years	39.4 years	44.8 years	44.1 years	46.0 years
Average length of service of Contributing Members	19.1 years	11.0 years	9.0 years	6.7 years	9.8 years	10.7 years	9.6 years

	Willow Park	Wills Point	Wilmer	Wimberley	Windcrest	Winfield	Wink
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,051,648	\$812,122	\$3,215,602	\$164,815	\$4,697,824	\$80,993	\$785,324
b. Noncontributing Members	838,432	1,564,551	759,864	429,385	1,891,818	23,848	252,561
c. Annuitants	919,947	3,253,112	1,559,870	63,630	7,290,634	0	229,870
2. Total Actuarial Accrued Liability	\$3,810,027	\$5,629,785	\$5,535,336	\$657,830	\$13,880,276	\$104,841	\$1,267,755
3. Actuarial Value of Assets	3,733,132	4,927,007	5,659,176	648,393	12,398,510	112,859	1,320,342
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$76,895	\$702,778	(\$123,840)	\$9,437	\$1,481,766	(\$8,018)	(\$52,587)
5. Funded Ratio: (3) / (2)	98.0%	87.5%	102.2%	98.6%	89.3%	107.6%	104.1%
6. Annual payroll	\$3,055,507	\$1,215,230	\$3,811,377	\$645,375	\$4,501,448	\$79,355	\$581,156
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.48%	5.89%	5.27%	4.68%	9.05%	2.90%	6.27%
Prior Service	0.18%	5.38%	-0.13%	0.79%	2.41%	-0.39%	-0.35%
Full Retirement	6.66%	11.27%	5.14%	5.47%	11.46%	2.51%	5.92%
Supplemental Death Benefit	0.24%	0.50%	0.16%	0.21%	0.33%	0.61%	0.55%
Combined Contribution	6.90%	11.77%	5.30%	5.68%	11.79%	3.12%	6.47%
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	N/A	13.50%	N/A	12.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	20.0 years	15.0 years	N/A	1.9 years	19.6 years	N/A	N/A
Number of Annuitants	20	24	32	6	70	0	3
Number of Active Contributing Members	48	26	71	13	76	2	11
Number of Inactive Members	30	58	72	17	66	1	5
Average age of Contributing Members	40.9 years	36.6 years	37.2 years	37.6 years	41.7 years	61.9 years	46.9 years
Average length of service of Contributing Members	8.5 years	3.6 years	7.3 years	6.4 years	6.1 years	20.0 years	7.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING CITIES - DECEMBER 31, 2022**

	Winnsboro	Winona	Winters	Wolfforth	Woodcreek	Woodsboro	Woodville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,461,373	\$205,737	\$531,792	\$2,977,721	\$26,136	\$678,755	\$6,253,344
b. Noncontributing Members	1,092,612	139,335	260,765	315,412	131,452	25,591	492,042
c. Annuitants	<u>3,517,592</u>	<u>290,505</u>	<u>2,626,467</u>	<u>2,941,719</u>	<u>58,851</u>	<u>296,382</u>	<u>3,889,183</u>
2. Total Actuarial Accrued Liability	\$7,071,577	\$635,577	\$3,419,024	\$6,234,852	\$216,439	\$1,000,728	\$10,634,569
3. Actuarial Value of Assets	<u>6,197,301</u>	<u>882,152</u>	<u>3,416,244</u>	<u>4,856,166</u>	<u>241,317</u>	<u>1,053,296</u>	<u>9,359,000</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$874,276	(\$246,575)	\$2,780	\$1,378,686	(\$24,878)	(\$52,568)	\$1,275,569
5. Funded Ratio: (3) / (2)	87.6%	138.8%	99.9%	77.9%	111.5%	105.3%	88.0%
6. Annual payroll	\$1,956,582	\$192,623	\$620,540	\$2,656,860	\$171,307	\$588,779	\$1,711,773
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	6.07%	11.67%	7.55%	7.10%	9.11%	8.00%	10.06%
Prior Service	<u>3.24%</u>	<u>-4.98%</u>	<u>0.03%</u>	<u>3.82%</u>	<u>-0.57%</u>	<u>-0.35%</u>	<u>7.50%</u>
Full Retirement	9.31%	6.69%	7.58%	10.92%	8.54%	7.65%	17.56%
Supplemental Death Benefit	<u>0.38%</u>	<u>0.65%</u>	<u>1.00%</u>	<u>0.25%</u>	<u>0.50%</u>	<u>0.21%</u>	<u>0.50%</u>
Combined Contribution	9.69%	7.34%	8.58%	11.17%	9.04%	7.86%	18.06%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	6.52%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	13.50%	11.50%	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	19.9 years	N/A	20.0 years	19.6 years	N/A	N/A	12.9 years
Number of Annuitants	32	2	19	10	2	4	17
Number of Active Contributing Members	36	5	16	47	3	12	33
Number of Inactive Members	43	6	15	37	4	4	10
Average age of Contributing Members	40.0 years	57.5 years	43.6 years	38.5 years	55.8 years	47.6 years	49.1 years
Average length of service of Contributing Members	8.1 years	4.0 years	5.1 years	6.8 years	4.4 years	12.3 years	12.4 years

	Woodway	Wortham	Wylie	Yoakum	Yorktown	Zavalla	
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$18,768,792	\$576,138	\$63,557,786	\$13,513,526	\$696,823	\$177,994	
b. Noncontributing Members	3,114,458	7,902	11,608,555	1,680,586	107,491	172,606	
c. Annuitants	<u>15,244,954</u>	<u>362,852</u>	<u>33,811,026</u>	<u>18,192,827</u>	<u>659,460</u>	<u>244,741</u>	
2. Total Actuarial Accrued Liability	\$37,128,204	\$946,892	\$108,977,367	\$33,386,939	\$1,463,774	\$595,341	
3. Actuarial Value of Assets	<u>31,903,205</u>	<u>984,259</u>	<u>92,944,925</u>	<u>26,883,795</u>	<u>1,675,090</u>	<u>763,947</u>	
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$5,224,999	(\$37,367)	\$16,032,442	\$6,503,144	(\$211,316)	(\$168,606)	
5. Funded Ratio: (3) / (2)	85.9%	103.9%	85.3%	80.5%	114.4%	128.3%	
6. Annual payroll	\$6,480,334	\$339,947	\$26,744,197	\$4,746,900	\$388,475	\$354,732	
<b>CITY CONTRIBUTION RATES FOR 2024</b>							
Retirement							
Normal Cost	9.82%	6.70%	11.08%	7.55%	1.14%	4.04%	
Prior Service	<u>8.15%</u>	<u>-0.43%</u>	<u>4.22%</u>	<u>11.77%</u>	<u>-1.14%</u>	<u>-1.85%</u>	
Full Retirement	17.97%	6.27%	15.30%	19.32%	0.00%	2.19%	
Supplemental Death Benefit	<u>0.28%</u>	<u>0.17%</u>	<u>0.19%</u>	<u>0.52%</u>	<u>0.94%</u>	<u>0.00%</u>	
Combined Contribution	18.25%	6.44%	15.49%	19.84%	0.94%	2.19%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	
Statutory Maximum Rate (Total Retirement Only)	N/A	12.50%	N/A	N/A	7.50%	9.50%	
<b>ADDITIONAL INFORMATION</b>							
Equivalent single amortization period as of 1/2024	12.6 years	N/A	20.9 years	15.7 years	N/A	N/A	
Number of Annuitants	51	8	133	74	11	2	
Number of Active Contributing Members	88	8	373	79	10	9	
Number of Inactive Members	71	4	239	72	14	14	
Average age of Contributing Members	41.1 years	41.3 years	39.5 years	43.9 years	48.1 years	46.6 years	
Average length of service of Contributing Members	11.1 years	8.0 years	9.1 years	10.8 years	12.9 years	3.5 years	



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF CITIES WITH NO ACTIVE MEMBERS - DECEMBER 31, 2022**

	Burton	Crystal Beach	Floresville No. 1	Graham Regional Med Cntr	Hays	Kress	Roy H. Laird Mem Hospital
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$0	\$0	\$0	\$0	\$0	\$0	\$0
b. Noncontributing Members	34,556	0	0	6,774,671	58,410	7,686	3,924,349
c. Annuitants	<u>0</u>	<u>70,439</u>	<u>14,223</u>	<u>10,515,529</u>	<u>115,839</u>	<u>215,393</u>	<u>8,605,167</u>
2. Total Actuarial Accrued Liability	\$34,556	\$70,439	\$14,223	\$17,290,200	\$174,249	\$223,079	\$12,529,516
3. Actuarial Value of Assets	<u>34,285</u>	<u>540,090</u>	<u>56,180</u>	<u>19,275,445</u>	<u>185,078</u>	<u>349,645</u>	<u>12,387,482</u>
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	\$271	(\$469,651)	(\$41,957)	(\$1,985,245)	(\$10,829)	(\$126,566)	\$142,034
5. Funded Ratio: (3) / (2)	99.2%	766.7%	395.0%	111.5%	106.2%	156.7%	98.9%
6. Annual payroll	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>CITY CONTRIBUTION AMOUNT FOR 2024</b>							
Amortization Period	15	N/A	N/A	N/A	N/A	N/A	5
Retirement Benefits	\$ 28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 33,298
Supplemental Death Benefit	-	-	-	14,096	200	-	12,374
Total Contribution Requirement	<u>\$ 28</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ 14,096</u>	<u>\$ 200</u>	<u>\$ -</u>	<u>\$ 45,672</u>
<b>ADDITIONAL INFORMATION</b>							
Number of Annuitants	0	3	1	91	3	2	65
Number of Inactive Members	1	0	0	106	1	1	17

	Santa Anna	Texhoma	Volente				
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$0	\$0	\$0				
b. Noncontributing Members	0	0	0				
c. Annuitants	<u>604</u>	<u>54,062</u>	<u>24,085</u>				
2. Total Actuarial Accrued Liability	\$604	\$54,062	\$24,085				
3. Actuarial Value of Assets	<u>801,944</u>	<u>60,740</u>	<u>33,575</u>				
4. Unfunded/(Overfunded) Actuarial Accrued Liability: (2) - (3)	(\$801,340)	(\$6,678)	(\$9,490)				
5. Funded Ratio: (3) / (2)	132772.2%	112.4%	139.4%				
6. Annual payroll	\$0	\$0	-				
<b>CITY CONTRIBUTION AMOUNT FOR 2024</b>							
Amortization Period	N/A	N/A	N/A				
Retirement Benefits	\$ -	\$ -	\$ -				
Supplemental Death Benefit	-	466	55				
Total Contribution Requirement	<u>\$ -</u>	<u>\$ 466</u>	<u>\$ 55</u>				
<b>ADDITIONAL INFORMATION</b>							
Number of Annuitants	1	2	1				
Number of Inactive Members	0	0	0				