

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION REPORT**  
**AS OF DECEMBER 31, 2014**

May 22, 2015

Board of Trustees  
Texas Municipal Retirement System  
Austin, Texas

Dear Members of the Board:

**Subject:      Actuarial Valuation Report (“our Report”) of the Texas Municipal Retirement System (“TMRS”) as of December 31, 2014**

This is the December 31, 2014 actuarial valuation of the Texas Municipal Retirement System (“TMRS” or the “System”) which determines the contribution rates for the calendar year beginning January 1, 2016. This report describes the current actuarial condition of TMRS, determines recommended employer 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 859 separate employer plans participating in TMRS. Separate liabilities and contribution rates are determined for each of the member cities. Valuations are prepared annually as of December 31<sup>st</sup>, the last day of the plan year.

The employer contribution rates for the units participating in TMRS 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 plan provisions in effect as of the valuation date and 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, 2014 actuarial valuation will be applicable for the calendar year beginning January 1, 2016 and ending December 31, 2016.

**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. This method was adopted effective December 31, 2013. 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. Both rates are determined as a percentage of active member payroll. In addition, a supplemental death benefit rate is determined annually for each participating employer, if applicable. These supplemental death benefit 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 7.00% on the actuarial valuation 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 after a maximum of 30 years for 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 85.8% and increased from 84.1% in the prior valuation. On a market value of assets basis, the funded ratio of TMRS as a whole is 89.0%. The increase in the funded ratio from the prior valuation is due to liability gains primarily resulting from valuation salaries which increased less than assumed and the upcoming cost of living adjustment being smaller than assumed, as well as gains from investment performance on an actuarial value of assets basis. (Please note that each city is responsible for its own assets and liabilities and will have its own funded ratio.)

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, 2015. In addition to the 853 plans that are actively participating in TMRS, there are another six (6) plans that are in inactive status. No new plan provisions occurred during 2014 that impacted the valuation results, other than individual changes adopted by the various municipalities.

Of the 853 active cities, 581 (68%) have adopted annually repeating updated service credits. In addition, 459 (54%) of the cities have adopted annually repeating annuity increases.

However, the larger participating employers have almost all adopted annually repeating benefits. Therefore, of the 104,019 actively contributing members, 87% are covered under an annually repeating updated service credit benefit structure and 69% are covered under an annually repeating annuity increase structure.

Ten municipalities began participation in the System during 2014. Exhibit V in Section 1 of our

Report shows these cities, the number of contributing members, total payroll, and the 2016 retirement rates.

There were 46 cities which modified their pension benefit provisions since the prior valuation. Of these municipalities, 43 adopted changes which increased their Unfunded Actuarial Accrued Liability (UAAL), while 3 cities adopted changes which decreased their liabilities. 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 ten new cities increased the overall liability of the System by \$64.1 million.

### **Assumptions and methods**

All actuarial assumptions and methods are described under Section 6 of our Report. Except for healthy post-retirement mortality and the mortality assumption used to develop the Annuity Purchase Rates (APRs), the current actuarial assumptions were developed from the actuarial investigation of the experience of TMRS over the four year period from January 1, 2006 to December 31, 2009. These assumptions were adopted in 2011 and were first used in the December 31, 2010 valuation. Healthy post-retirement mortality rates and the APRs used to annuitize members' account balances at retirement were updated based on the mortality experience investigation study dated December 31, 2013. In addition, in conjunction with these changes, the Board adopted a change in the actuarial cost method from Projected Unit Credit to Entry Age Normal and a one-time change to the amortization policy as described in Section 6 of this report. These changes were first used in the December 31, 2013 actuarial valuation, and there have been no changes since that valuation.

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 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, 2014. 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. The TMRS staff also supplied asset and financial information as of December 31, 2014.

### **Actuarial Certification**

This report is a summary of the actuarial valuation results. Additional detailed results are provided in the TMRS Comprehensive Annual Financial Report (CAFR). All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial

Members of the Board

May 22, 2015

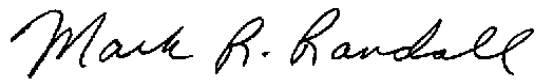
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Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

The undersigned are independent actuaries. They all are 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

### EXECUTIVE SUMMARY

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## Executive Summary

### Pension Trust

Item	2014	2013
<b>Membership</b>		
• Member cities	859	850
• Number of		
- Active members	104,019	102,870
- Retirees and beneficiaries	53,455	49,969
- Inactive members	<u>45,054</u>	<u>42,578</u>
- Total	202,528	195,417
• Valuation Payroll (Projected next year)	\$ 5.575 billion	\$ 5.359 billion
• Prior Year Payroll	\$ 5.375 billion	\$ 5.142 billion
<b>Minimum Contribution Rates</b>	<b>FY 2016</b>	<b>FY 2015</b>
• Straight average	8.28%	8.30%
• Dollar weighted average	12.60%	12.84%
<b>Assets</b>		
• Market value	\$ 23.727 billion	\$ 22.469 billion
• Estimated yield on market value	5.7%	9.6%
• Member contributions	\$ 355.4 million	\$ 339.9 million
• Employer contributions	719.9 million	681.5 million
• Benefit, refund, and expense payments	1,101.8 million	1,018.2 million
• Net external cash flow	(26.5) million	3.1 million
<b>Actuarial Information - Pension Trust</b>		
• Actuarial accrued liability (AAL)	\$ 26.647 billion	\$ 25.321 billion
• Unfunded actuarial accrued liability (UAAL)	\$ 3.786 billion	\$ 4.027 billion
• UAAL as % of pay	70.4%	78.3%
• Funded ratio	85.8%	84.1%
• Employer normal cost % - Aggregate	7.86%	7.83%
• Actuarially Determined Employer Contribution - Aggregate	12.63%	12.97%
<b>Number of Member Cities with:</b>		
• Increase in Full Rate	202	431
• Decrease in Full Rate	615	385
• No change in Full Rate	26	26
• New cities	10	2
• Benefit changes (retirement only)	46	59
<b>Changes in the UAAL</b>		
• Interest	\$ 286.4 million	\$ 205.4 million
• Amortization payments	(286.4) million	(203.6) million
• Asset experience	(96.3) million	(130.3) million
• Assumption/Methods changes	0.0 million	1,427.0 million
• Liability experience	(191.0) million	(207.8) million
• Benefit modifications/New Cities	64.1 million	35.2 million
• Contributions different than actuarially calculated	<u>(17.5) million</u>	<u>2.3 million</u>
• Total	\$ (240.7) million	\$ 1128.2 million



## Executive Summary Supplemental Death Trust

Item	2014	2013
Membership (TMRS Active Cities)		
• Cities with only active coverage	3	3
- Number of members with active only coverage	418	416
• Cities with active and retiree coverage	740	731
- Number of members covered		
- Active members	68,973	68,253
- Retirees	24,569	22,986
- Inactive members	<u>7,672</u>	<u>7,233</u>
- Total	101,214	98,472
- Valuation Payroll (Projected next year)	\$ 3.661 billion	\$ 3.517 billion
- Prior Year Payroll	\$ 3.526 billion	\$ 3.363 billion
Average Contribution Rates For Participating Cities	FY 2016	FY 2015
• Straight Average		
- Active coverage	0.17%	0.16%
- Retiree coverage	0.05%	0.05%
• Dollar Weighted Average		
- Active coverage	0.14%	0.14%
- Retiree coverage	0.04%	0.04%
Actuarial Information - OPEB Trust		
• Actuarial accrued liability (AAL)	\$ 145.4 million	\$ 130.0 million
• Market value of assets	<u>22.7 million</u>	<u>23.9 million</u>
• Unfunded actuarial accrued liability (UAAL)	\$ 122.7 million	\$ 106.1 million
• UAAL as % of pay	3.5%	3.2%
• Funded ratio	15.6%	18.4%
• Employer normal cost	\$ 6.0 million	\$ 6.0 million
• GASB Annual Required Contribution \$	\$ 11.8 million	\$ 10.9 million
• GASB Annual Required Contribution % of Payroll	0.32%	0.31%

## Exhibit I

### Summary of Systemwide Actuarial Valuation Results

	<u>December 31, 2014</u>	<u>December 31, 2013</u>
<b><u>I. Valuation Results for Employer Plans</u></b>		
1. Actuarial accrued liability (AAL)		
a. Contributing Members	\$ 13,749,350,477	\$ 13,427,718,340
b. Noncontributing Members	2,128,994,032	2,031,595,303
c. Annuitants	<u>10,768,530,757</u>	<u>9,860,822,202</u>
d. Total AAL	\$ 26,646,875,266	\$ 25,320,135,845
2. Actuarial value of assets (AVA)		
a. Benefit Accumulation Fund (Smoothed)	\$ 22,731,118,751	\$ 21,166,903,574
b. Interest Reserve Account	99,337,496	99,996,580
c. Perpetual Endowment	15,031,254	13,154,118
d. Expense Fund	<u>14,911,314</u>	<u>12,937,017</u>
e. Total AVA	\$ 22,860,398,815	\$ 21,292,991,289
3. Total unfunded actuarial accrued liability (UAAL) [1d - 2e]	\$ 3,786,476,451	\$ 4,027,144,556
4. Funded Ratio [2 / 1]	85.8%	84.1%
<b><u>II. Valuation Results for Pooled Benefits</u></b>		
1. Actuarial present value of future benefits from the Supplemental Disability Benefits Fund for annuities in effect	\$ 591,911	\$ 631,291
2. Actuarial value of assets of the Supplemental Disability Benefits Fund	<u>\$ 581,227</u>	<u>\$ 633,368</u>
3. Unfunded/(overfunded) actuarial accrued liability [UAAL/(OAAL)] in Supplemental Disability Benefits Fund [1 - 2]	\$ 10,684	\$ (2,077)
4. Funded Ratio [2 / 1]	98.2%	100.3%

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

	Valuation of	
	December 31, 2014	December 31, 2013
1. Market value of assets at beginning of year	\$ 22,468,633,624	\$ 20,490,599,022
2. Revenue for the year		
a. Contributions		
i. Employee	\$ 355,413,935	\$ 339,906,924
ii. Employer	719,904,310	681,469,222
iii. Total Contributions	\$ 1,075,318,245	\$ 1,021,376,146
b. Net investment income		
i. Interest and dividends	\$ 322,383,177	\$ 305,366,693
ii. Net apprec/(deprec) in fair value of investments	980,540,406	1,681,646,053
iii. Net securities lending income	3,636,366	3,855,859
iv. Investment expenses	(21,215,770)	(15,980,128)
v. Net investment income	\$ 1,285,344,179	\$ 1,974,888,477
c. Miscellaneous	\$ 29,491	\$ 17,961
d. Total revenue	\$ 2,360,691,915	\$ 2,996,282,584
3. Expenditures for the year		
a. Benefit payments		
i. Retirement benefits	\$ (861,959,010)	\$ (794,458,670)
ii. Disability benefits	(16,873,699)	(16,469,149)
iii. Partial lump sum payments	(149,739,411)	(135,568,703)
iv. Total benefit payments	\$ (1,028,572,120)	\$ (946,496,522)
b. Refund of contributions	\$ (58,723,123)	\$ (57,727,674)
c. Administrative expenses	(13,419,567)	(12,821,721)
d. Allocation to supplemental death benefits fund	(1,132,803)	(1,202,065)
e. Total expenditures	\$ (1,101,847,613)	\$ (1,018,247,982)
4. Increase in net assets (Item 2d + Item 3e)	\$ 1,258,844,302	\$ 1,978,034,602
5. Market value of assets at end of year (Item 1 + Item 4)	\$ 23,727,477,926	\$ 22,468,633,624

**EXHIBIT III**

**Texas Municipal Retirement System**

CHANGES IN CONTRIBUTION RATES FROM 2015 TO 2016,  
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		
	2015	2016	2015	2016	
Abilene	6.93%	6.89%	3.49%	3.13%	-0.40%
Allen	10.11%	10.10%	3.94%	3.61%	-0.34%
Amarillo	6.47%	6.43%	4.79%	4.53%	-0.30%
Arlington	8.62%	8.57%	6.88%	6.36%	-0.57%
Baytown	9.24%	9.33%	8.67%	8.07%	-0.51%
Beaumont	9.14%	9.14%	10.57%	10.03%	-0.54%
Brownsville	10.32%	10.31%	8.05%	7.43%	-0.63%
Brownsville PUB	7.28%	7.26%	5.97%	4.86%	-1.13%
Bryan	8.67%	8.64%	6.83%	6.40%	-0.46%
Carrollton	7.63%	7.56%	4.82%	3.92%	-0.97%
College Station	8.39%	8.33%	4.83%	4.45%	-0.44%
Corpus Christi	3.99%	3.98%	6.55%	5.60%	-0.96%
Denton	9.44%	9.46%	8.32%	7.77%	-0.53%
Edinburg	7.71%	7.69%	7.26%	6.87%	-0.41%
Flower Mound	7.54%	7.61%	1.65%	1.57%	-0.01%
Frisco	10.76%	10.75%	3.53%	3.25%	-0.29%
Garland	8.14%	8.10%	2.73%	2.20%	-0.57%
Georgetown	8.24%	8.25%	3.47%	3.22%	-0.24%
Grand Prairie	9.43%	9.44%	7.01%	6.22%	-0.78%
Grapevine	11.11%	11.04%	8.29%	8.02%	-0.34%
Irving	9.02%	8.94%	4.98%	4.39%	-0.67%
Killeen	4.96%	4.97%	3.28%	3.16%	-0.11%
Laredo	9.41%	9.39%	12.24%	11.90%	-0.36%
Lewisville	9.67%	9.63%	7.21%	6.64%	-0.61%
Longview	6.64%	6.57%	3.44%	3.29%	-0.22%
Lubbock	9.66%	9.66%	8.91%	8.30%	-0.61%
McAllen	4.41%	4.39%	2.12%	1.89%	-0.25%
McKinney	11.55%	11.47%	4.15%	3.71%	-0.52%
Mesquite	4.78%	4.75%	5.84%	5.39%	-0.48%
Midland	8.44%	8.51%	6.60%	6.51%	-0.02%
Mission	6.14%	6.08%	1.80%	1.78%	-0.08%
New Braunfels	11.25%	11.13%	6.28%	6.10%	-0.30%
North Richland Hills	10.69%	10.60%	6.10%	5.66%	-0.53%
Odessa	7.57%	7.54%	6.44%	5.85%	-0.62%
Pasadena	8.63%	8.61%	4.93%	4.09%	-0.86%
Pearland	9.93%	9.98%	3.58%	3.39%	-0.14%
Pharr	4.31%	4.29%	2.47%	2.23%	-0.26%
Plano	11.04%	11.05%	7.07%	6.39%	-0.67%
Port Arthur	6.50%	6.47%	7.70%	7.14%	-0.59%
Richardson	7.21%	7.13%	6.59%	6.19%	-0.48%
Round Rock	10.44%	10.38%	5.30%	5.02%	-0.34%
San Angelo	8.05%	8.07%	9.65%	9.02%	-0.61%
San Antonio	6.25%	6.21%	4.51%	4.15%	-0.40%
San Antonio Water System	1.99%	1.99%	1.82%	1.70%	-0.12%
San Marcos	9.79%	9.71%	8.40%	7.78%	-0.70%
Sugar Land	11.00%	10.92%	4.11%	3.79%	-0.40%
Temple	9.67%	9.48%	7.06%	6.37%	-0.88%
Tyler	8.72%	8.43%	12.76%	12.20%	-0.85%
Victoria	7.26%	7.22%	10.10%	9.46%	-0.68%
Waco	6.84%	6.85%	6.31%	6.11%	-0.19%
Wichita Falls	4.92%	4.87%	7.60%	7.05%	-0.60%
Average - 51 Cities	8.22%	8.19%	5.99%	5.54%	-0.48%

**EXHIBIT IV**

**TEXAS MUNICIPAL RETIREMENT SYSTEM**

CITIES WITH THE 2016 RETIREMENT RATE (INCLUDING PHASE-IN, IF APPLICABLE)  
AT THE STATUTORY MAXIMUM, BASED ON THE DECEMBER 31, 2014 VALUATION

CITY NAME	<u>2015 RETIREMENT PLAN ONLY</u>		<u>2016 RETIREMENT PLAN ONLY</u>		RATE LIMITED TO STATUTORY MAXIMUM
	FULL RATE	PHASE IN MINIMUM	FULL RATE	PHASE IN MINIMUM	
Lacy-Lakeview	13.53%	13.01%	13.58%	13.56%	13.50%
Lake Worth	12.48%	12.35%	12.52%	12.52%	12.50%
Pflugerville	13.77%	13.31%	13.64%	13.64%	13.50%

**EXHIBIT V**

**TEXAS MUNICIPAL RETIREMENT SYSTEM**

**CITIES BEGINNING PARTICIPATION IN 2014**

CITY NUMBER	CITY NAME	PARTICIPATION DATE	CONTRIBUTING MEMBERS	ANNUAL COMPENSATION	NORMAL COST	PRIOR SERVICE	TOTAL
00041	Annetta	03-14	2	\$ 94,432	2.23%	0.06%	2.29%
00619	Hilshire Village	11-14	2	\$ 75,308	2.79%	9.93%	12.72%
00647	Iowa Colony	11-14	4	\$ 168,118	5.46%	28.47%	33.93%
00735	Lefors	09-14	4	\$ 99,770	0.78%	3.07%	3.85%
00833	McLendon-Chisholm	10-14	2	\$ 121,754	2.31%	6.10%	8.41%
00863	Milano	11-14	2	\$ 64,200	1.49%	2.60%	4.09%
00913	Newark	03-14	3	\$ 115,920	1.62%	1.71%	3.33%
01216	Stockdale	04-14	7	\$ 325,626	1.77%	2.32%	4.09%
01272	Thrall	04-14	5	\$ 155,593	1.62%	3.91%	5.53%
01313	Valley View	08-14	4	\$ 172,123	1.37%	0.97%	2.34%

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## SECTION 2

### 2016 CONTRIBUTION RATES, INCLUDING A COMPARISON WITH 2015 RATES

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**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEAR    THIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
4	Abernathy	24	22	2.93%	0.78%	3.71%	0.27%	3.98%	2.68%	0.49%	3.17%	0.29%	3.46%	-0.52%	3.46%	7.50%
6	Abilene	1,002	1,002	6.93%	3.49%	10.42%	0.21%	10.63%	6.89%	3.13%	10.02%	0.25%	10.27%	-0.36%	10.27%	NO MAX
7	Addison	255	256	7.81%	2.35%	10.16%	0.17%	10.33%	7.75%	1.58%	9.33%	0.17%	9.50%	-0.83%	9.50%	15.50%
10	Alamo	124	128	4.76%	2.60%	7.36%	0.17%	7.53%	4.79%	2.48%	7.27%	0.19%	7.46%	-0.07%	7.46%	9.50%
12	Alamo Heights	98	97	10.03%	7.32%	17.35%	0.20%	17.55%	10.16%	6.87%	17.03%	0.19%	17.22%	-0.33%	16.60%	NO MAX
14	Alba	4	5	1.49%	0.93%	2.42%	0.16%	2.58%	1.57%	0.88%	2.45%	0.18%	2.63%	0.05%	2.63%	NO MAX
16	Albany	14	17	3.64%	0.57%	4.21%	0.31%	4.52%	3.68%	0.73%	4.41%	0.37%	4.78%	0.26%	4.78%	9.50%
17	Aledo	15	16	6.24%	0.48%	6.72%	0.15%	6.87%	6.51%	0.52%	7.03%	0.18%	7.21%	0.34%	5.60%	NO MAX
18	Alice	239	234	5.93%	3.95%	9.88%	0.00%	9.88%	6.02%	3.31%	9.33%	0.00%	9.33%	-0.55%	9.33%	11.50%
19	Allen	675	689	10.11%	3.94%	14.05%	0.14%	14.19%	10.10%	3.61%	13.71%	0.14%	13.85%	-0.34%	13.85%	NO MAX
20	Alpine	53	52	2.91%	-2.06%	0.85%	0.21%	1.06%	2.88%	-2.51%	0.37%	0.21%	0.58%	-0.48%	0.58%	11.50%
22	Alto	7	11	7.05%	0.81%	7.86%	0.19%	8.05%	8.33%	0.77%	9.10%	0.18%	9.28%	1.23%	6.99%	13.50%
23	Alton	67	74	11.20%	1.39%	12.59%	0.11%	12.70%	11.30%	1.09%	12.39%	0.11%	12.50%	-0.20%	9.19%	13.50%
24	Alvarado	50	56	3.87%	0.46%	4.33%	0.12%	4.45%	3.98%	0.48%	4.46%	0.13%	4.59%	0.14%	4.59%	NO MAX
26	Alvin	223	215	8.94%	8.03%	16.97%	0.16%	17.13%	9.33%	7.56%	16.89%	0.15%	17.04%	-0.09%	17.04%	NO MAX
28	Alvord	7	7	4.82%	1.28%	6.10%	0.18%	6.28%	4.58%	1.16%	5.74%	0.17%	5.91%	-0.37%	5.91%	NO MAX
30	Amarillo	1,764	1,764	6.47%	4.79%	11.26%	0.00%	11.26%	6.43%	4.53%	10.96%	0.00%	10.96%	-0.30%	10.96%	NO MAX
32	Amherst	5	5	3.87%	6.22%	10.09%	0.00%	10.09%	3.74%	2.50%	6.24%	0.00%	6.24%	-3.85%	6.24%	NO MAX
34	Anahuac	11	7	6.77%	1.95%	8.72%	0.24%	8.96%	7.56%	0.97%	8.53%	0.30%	8.83%	-0.13%	8.83%	NO MAX
36	Andrews	59	65	8.25%	8.10%	16.35%	0.00%	16.35%	8.24%	7.42%	15.66%	0.00%	15.66%	-0.69%	15.66%	NO MAX
38	Angleton	120	119	7.46%	4.95%	12.41%	0.22%	12.63%	7.45%	4.46%	11.91%	0.22%	12.13%	-0.50%	12.13%	12.50%
40	Anna	45	44	11.36%	2.56%	13.92%	0.12%	14.04%	12.00%	2.24%	14.24%	0.13%	14.37%	0.33%	12.89%	NO MAX
41	Annetta	N/A	2	2.07%	0.74%	2.81%	0.06%	2.87%	2.23%	0.06%	2.29%	0.09%	2.38%	-0.49%	2.38%	NO MAX
44	Anson	24	24	0.93%	0.41%	1.34%	0.22%	1.56%	1.11%	-0.05%	1.06%	0.25%	1.31%	-0.25%	1.31%	7.50%
45	Anthony	31	35	1.21%	1.64%	2.85%	0.13%	2.98%	1.21%	1.55%	2.76%	0.14%	2.90%	-0.08%	2.90%	NO MAX
48	Aransas Pass	105	101	6.81%	5.04%	11.85%	0.18%	12.03%	6.99%	3.88%	10.87%	0.15%	11.02%	-1.01%	11.02%	NO MAX
50	Archer City	18	18	3.06%	0.44%	3.50%	0.22%	3.72%	3.03%	0.40%	3.43%	0.21%	3.64%	-0.08%	3.64%	9.50%
51	Argyle	21	23	11.33%	3.79%	15.12%	0.00%	15.12%	11.86%	3.13%	14.99%	0.00%	14.99%	-0.13%	14.99%	NO MAX
52	Arlington	2,430	2,462	8.62%	6.88%	15.50%	0.12%	15.62%	8.57%	6.36%	14.93%	0.15%	15.08%	-0.54%	15.08%	NO MAX
54	Arp	9	8	2.18%	-0.17%	2.01%	0.22%	2.23%	2.11%	-0.66%	1.45%	0.23%	1.68%	-0.55%	1.68%	7.50%
60	Aspermont	7	6	1.33%	-1.33%	0.00%	0.17%	0.17%	1.12%	-1.12%	0.00%	0.17%	0.17%	0.00%	0.17%	7.50%
62	Athens	118	117	10.07%	11.62%	21.69%	0.19%	21.88%	10.25%	10.96%	21.21%	0.20%	21.41%	-0.47%	21.41%	NO MAX
64	Atlanta	40	40	3.38%	0.98%	4.36%	0.23%	4.59%	3.34%	0.76%	4.10%	0.21%	4.31%	-0.28%	4.31%	7.50%



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**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEARTHIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
66	Aubrey	45	49	2.72%	-0.88%	1.84%	0.14%	1.98%	2.74%	-0.72%	2.02%	0.13%	2.15%	0.17%	1.89%	11.50%
74	Avinger	1	1	3.60%	-1.94%	1.66%	0.29%	1.95%	3.59%	-2.24%	1.35%	0.33%	1.68%	-0.27%	1.68%	9.50%
75	Azle	114	109	8.02%	4.22%	12.24%	0.15%	12.39%	8.01%	3.87%	11.88%	0.16%	12.04%	-0.35%	12.04%	12.50%
77	Baird	10	12	1.59%	-1.25%	0.34%	0.17%	0.51%	1.30%	-1.30%	0.00%	0.13%	0.13%	-0.38%	0.13%	NO MAX
78	Balch Springs	139	167	9.35%	6.39%	15.74%	0.15%	15.89%	9.31%	4.79%	14.10%	0.15%	14.25%	-1.64%	14.25%	NO MAX
79	Balcones Heights	52	49	10.78%	7.61%	18.39%	0.18%	18.57%	11.02%	7.42%	18.44%	0.20%	18.64%	0.07%	17.93%	NO MAX
80	Ballinger	38	37	3.07%	0.30%	3.37%	0.27%	3.64%	3.07%	0.41%	3.48%	0.27%	3.75%	0.11%	3.75%	7.50%
82	Balmorehea	1	1	1.36%	-1.36%	0.00%	0.07%	0.07%	1.36%	-1.36%	0.00%	0.07%	0.07%	0.00%	0.07%	NO MAX
83	Bandera	16	14	9.80%	1.23%	11.03%	0.30%	11.33%	10.00%	-0.17%	9.83%	0.40%	10.23%	-1.10%	10.23%	NO MAX
84	Bangs	13	14	10.60%	3.26%	13.86%	0.36%	14.22%	10.60%	2.83%	13.43%	0.38%	13.81%	-0.41%	13.81%	NO MAX
90	Bartlett	15	16	7.20%	-0.18%	7.02%	0.14%	7.16%	7.12%	0.03%	7.15%	0.15%	7.30%	0.14%	6.11%	11.50%
91	Bartonville	7	5	8.36%	4.61%	12.97%	0.14%	13.11%	7.09%	5.41%	12.50%	0.09%	12.59%	-0.52%	10.82%	NO MAX
92	Bastrop	106	109	7.84%	2.87%	10.71%	0.15%	10.86%	8.04%	2.83%	10.87%	0.16%	11.03%	0.17%	11.03%	12.50%
94	Bay City	161	156	5.66%	4.84%	10.50%	0.24%	10.74%	5.50%	4.13%	9.63%	0.23%	9.86%	-0.88%	9.86%	11.50%
93	Bayou Vista	5	8	3.86%	-0.80%	3.06%	0.29%	3.35%	3.70%	-0.89%	2.81%	0.23%	3.04%	-0.31%	3.04%	NO MAX
96	Baytown	734	749	9.24%	8.67%	17.91%	0.16%	18.07%	9.33%	8.07%	17.40%	0.16%	17.56%	-0.51%	17.56%	NO MAX
98	Beaumont	1,038	1,012	9.14%	10.57%	19.71%	0.00%	19.71%	9.14%	10.03%	19.17%	0.00%	19.17%	-0.54%	19.17%	NO MAX
100	Bedford	330	327	4.79%	3.21%	8.00%	0.00%	8.00%	4.78%	3.24%	8.02%	0.00%	8.02%	0.02%	8.02%	NO MAX
101	Bee Cave	39	40	9.68%	0.81%	10.49%	0.16%	10.65%	8.09%	1.20%	9.29%	0.14%	9.43%	-1.22%	7.54%	13.50%
102	Beeville	128	114	3.30%	-2.74%	0.56%	0.00%	0.56%	3.29%	-3.04%	0.25%	0.00%	0.25%	-0.31%	0.25%	11.50%
106	Bellaire	147	144	11.17%	11.12%	22.29%	0.25%	22.54%	11.35%	9.85%	21.20%	0.23%	21.43%	-1.11%	21.43%	NO MAX
109	Bellmead	74	76	7.39%	1.68%	9.07%	0.20%	9.27%	7.42%	1.58%	9.00%	0.19%	9.19%	-0.08%	9.19%	12.50%
110	Bells	11	11	1.44%	-1.02%	0.42%	0.11%	0.53%	1.50%	-1.48%	0.02%	0.13%	0.15%	-0.38%	0.15%	NO MAX
112	Bellville	56	56	5.70%	8.46%	14.16%	0.28%	14.44%	5.70%	8.30%	14.00%	0.29%	14.29%	-0.15%	14.29%	NO MAX
114	Belton	156	162	5.41%	1.66%	7.07%	0.17%	7.24%	5.41%	1.43%	6.84%	0.17%	7.01%	-0.23%	7.01%	11.50%
118	Benbrook	100	110	11.23%	6.52%	17.75%	0.16%	17.91%	11.18%	6.17%	17.35%	0.16%	17.51%	-0.40%	17.51%	NO MAX
121	Berryville	3	3	2.81%	-1.16%	1.65%	0.45%	2.10%	2.79%	-1.13%	1.66%	0.50%	2.16%	0.06%	2.16%	9.50%
123	Bertram	10	10	1.35%	1.03%	2.38%	0.00%	2.38%	1.49%	-0.07%	1.42%	0.00%	1.42%	-0.96%	1.42%	7.50%
124	Big Lake	22	25	7.44%	11.44%	18.88%	0.27%	19.15%	7.53%	10.80%	18.33%	0.27%	18.60%	-0.55%	18.60%	NO MAX
126	Big Sandy	12	12	0.94%	2.05%	2.99%	0.31%	3.30%	0.95%	1.73%	2.68%	0.31%	2.99%	-0.31%	2.99%	7.50%
128	Big Spring	182	184	7.99%	8.29%	16.28%	0.22%	16.50%	8.22%	7.89%	16.11%	0.22%	16.33%	-0.17%	16.33%	NO MAX
132	Bishop	23	22	2.68%	2.37%	5.05%	0.26%	5.31%	2.76%	0.99%	3.75%	0.29%	4.04%	-1.27%	4.04%	11.50%
134	Blanco	14	12	1.53%	-0.32%	1.21%	0.29%	1.50%	1.64%	-0.30%	1.34%	0.29%	1.63%	0.13%	1.63%	7.50%

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**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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				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											
140	Blooming Grove	5	5	5.79%	1.75%	7.54%	0.13%	7.67%	5.77%	1.95%	7.72%	0.13%	7.85%	0.18%	7.85%	11.50%
142	Blossom	4	4	5.84%	-2.25%	3.59%	0.57%	4.16%	5.83%	-2.73%	3.10%	0.63%	3.73%	-0.43%	3.73%	11.50%
143	Blue Mound	14	17	3.65%	0.19%	3.84%	0.09%	3.93%	4.38%	0.15%	4.53%	0.11%	4.64%	0.71%	4.14%	NO MAX
144	Blue Ridge	5	3	0.85%	-0.81%	0.04%	0.16%	0.20%	1.21%	-0.92%	0.29%	0.27%	0.56%	0.36%	0.56%	NO MAX
148	Boerne	215	219	10.73%	7.41%	18.14%	0.15%	18.29%	10.73%	7.06%	17.79%	0.16%	17.95%	-0.34%	17.95%	NO MAX
150	Bogata	10	8	1.61%	-1.61%	0.00%	0.23%	0.23%	1.76%	-1.76%	0.00%	0.28%	0.28%	0.05%	0.28%	7.50%
152	Bonham	106	108	3.50%	1.58%	5.08%	0.00%	5.08%	3.52%	0.76%	4.28%	0.00%	4.28%	-0.80%	4.28%	10.50%
154	Booker	11	11	5.24%	-0.15%	5.09%	0.19%	5.28%	5.20%	0.04%	5.24%	0.20%	5.44%	0.16%	5.25%	9.50%
156	Borger	159	161	8.57%	7.34%	15.91%	0.21%	16.12%	8.56%	6.56%	15.12%	0.22%	15.34%	-0.78%	15.34%	NO MAX
158	Bovina	11	8	1.31%	-0.86%	0.45%	0.33%	0.78%	1.04%	-1.04%	0.00%	0.28%	0.28%	-0.50%	0.28%	7.50%
160	Bowie	95	82	6.63%	3.68%	10.31%	0.20%	10.51%	6.52%	2.98%	9.50%	0.18%	9.68%	-0.83%	9.68%	11.50%
162	Boyd	16	16	3.57%	-0.40%	3.17%	0.00%	3.17%	3.60%	-0.47%	3.13%	0.00%	3.13%	-0.04%	3.01%	11.50%
166	Brady	86	85	7.22%	3.24%	10.46%	0.26%	10.72%	7.13%	2.90%	10.03%	0.26%	10.29%	-0.43%	10.29%	12.50%
170	Brazoria	27	25	5.42%	2.73%	8.15%	0.19%	8.34%	5.48%	2.66%	8.14%	0.20%	8.34%	0.00%	8.34%	11.50%
172	Breckenridge	73	71	4.09%	3.70%	7.79%	0.24%	8.03%	4.06%	3.23%	7.29%	0.23%	7.52%	-0.51%	7.52%	NO MAX
174	Bremond	6	6	4.78%	9.54%	14.32%	0.27%	14.59%	5.02%	10.10%	15.12%	0.28%	15.40%	0.81%	15.40%	NO MAX
176	Brenham	221	205	3.26%	3.09%	6.35%	0.00%	6.35%	3.24%	2.63%	5.87%	0.00%	5.87%	-0.48%	5.87%	11.50%
177	Bridge City	56	58	9.55%	6.85%	16.40%	0.26%	16.66%	9.60%	5.29%	14.89%	0.28%	15.17%	-1.49%	15.17%	NO MAX
178	Bridgeport	60	59	9.22%	4.77%	13.99%	0.15%	14.14%	9.38%	4.00%	13.38%	0.18%	13.56%	-0.58%	13.53%	13.50%
180	Bronte	4	3	1.57%	7.03%	8.60%	0.25%	8.85%	1.58%	7.42%	9.00%	0.16%	9.16%	0.31%	9.16%	NO MAX
182	Brookshire	35	36	4.76%	-0.60%	4.16%	0.15%	4.31%	4.77%	-0.94%	3.83%	0.16%	3.99%	-0.32%	3.99%	11.50%
184	Brownfield	84	86	4.66%	5.01%	9.67%	0.00%	9.67%	4.70%	2.98%	7.68%	0.00%	7.68%	-1.99%	7.68%	NO MAX
10188	Brownsville	1,117	1,142	10.32%	8.05%	18.37%	0.16%	18.53%	10.31%	7.43%	17.74%	0.17%	17.91%	-0.62%	17.91%	NO MAX
20188	Brownsville PUB	537	562	7.28%	5.97%	13.25%	0.18%	13.43%	7.26%	4.86%	12.12%	0.17%	12.29%	-1.14%	12.29%	NO MAX
10190	Brownwood	220	218	8.38%	6.35%	14.73%	0.00%	14.73%	8.35%	5.66%	14.01%	0.00%	14.01%	-0.72%	14.01%	NO MAX
30190	Brownwood Health Dept.	12	12	7.87%	1.68%	9.55%	0.00%	9.55%	7.84%	1.91%	9.75%	0.00%	9.75%	0.20%	9.35%	NO MAX
20190	Brownwood Public Library	8	9	5.56%	-2.04%	3.52%	0.00%	3.52%	5.19%	-2.14%	3.05%	0.00%	3.05%	-0.47%	3.05%	11.50%
195	Bruceville-Eddy	13	13	5.72%	-1.02%	4.70%	0.17%	4.87%	5.29%	-0.82%	4.47%	0.18%	4.65%	-0.22%	3.84%	11.50%
192	Bryan	825	824	8.67%	6.83%	15.50%	0.00%	15.50%	8.64%	6.40%	15.04%	0.00%	15.04%	-0.46%	15.04%	NO MAX
193	Bryson	3	3	1.83%	-1.83%	0.00%	0.00%	0.00%	1.83%	-1.83%	0.00%	0.00%	0.00%	0.00%	0.00%	9.50%
194	Buda	69	70	10.89%	1.98%	12.87%	0.14%	13.01%	11.46%	2.20%	13.66%	0.15%	13.81%	0.80%	11.67%	13.50%
196	Buffalo	15	16	4.61%	-0.17%	4.44%	0.33%	4.77%	4.47%	-0.41%	4.06%	0.34%	4.40%	-0.37%	4.40%	11.50%
198	Bullard	24	22	5.35%	1.19%	6.54%	0.21%	6.75%	5.51%	1.45%	6.96%	0.25%	7.21%	0.46%	6.68%	11.50%

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		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											
203	Bulverde	21	22	7.33%	1.18%	8.51%	0.12%	8.63%	7.26%	0.98%	8.24%	0.11%	8.35%	-0.28%	7.50%	NO MAX
199	Bunker Hill Village	8	7	10.38%	-0.54%	9.84%	0.17%	10.01%	10.23%	-0.45%	9.78%	0.19%	9.97%	-0.04%	9.82%	NO MAX
200	Burkburnett	69	70	6.37%	3.72%	10.09%	0.23%	10.32%	6.51%	3.52%	10.03%	0.21%	10.24%	-0.08%	10.24%	NO MAX
202	Burleson	307	312	9.86%	5.39%	15.25%	0.12%	15.37%	9.92%	5.18%	15.10%	0.13%	15.23%	-0.14%	15.23%	NO MAX
204	Burnet	112	109	8.29%	3.76%	12.05%	0.17%	12.22%	8.67%	3.63%	12.30%	0.16%	12.46%	0.24%	12.46%	13.50%
207	Cactus	23	23	2.76%	-0.43%	2.33%	0.22%	2.55%	2.56%	-0.32%	2.24%	0.16%	2.40%	-0.15%	2.40%	10.50%
208	Caddo Mills	12	13	2.73%	0.29%	3.02%	0.12%	3.14%	2.98%	0.28%	3.26%	0.14%	3.40%	0.26%	3.40%	NO MAX
210	Caldwell	57	56	5.58%	3.77%	9.35%	0.34%	9.69%	5.62%	3.15%	8.77%	0.37%	9.14%	-0.55%	9.14%	11.50%
212	Calvert	11	11	2.12%	-0.85%	1.27%	0.29%	1.56%	1.76%	-1.07%	0.69%	0.25%	0.94%	-0.62%	0.94%	NO MAX
214	Cameron	40	42	5.31%	5.67%	10.98%	0.32%	11.30%	5.17%	4.95%	10.12%	0.26%	10.38%	-0.92%	10.38%	NO MAX
220	Canadian	19	20	8.12%	7.49%	15.61%	0.14%	15.75%	7.89%	7.06%	14.95%	0.13%	15.08%	-0.67%	15.08%	NO MAX
222	Canton	64	64	7.60%	4.14%	11.74%	0.21%	11.95%	7.48%	3.77%	11.25%	0.25%	11.50%	-0.45%	11.50%	NO MAX
224	Canyon	76	82	9.82%	7.70%	17.52%	0.18%	17.70%	10.04%	6.93%	16.97%	0.18%	17.15%	-0.55%	17.15%	NO MAX
227	Carmine	1	1	2.89%	-0.67%	2.22%	0.10%	2.32%	2.89%	-1.18%	1.71%	0.11%	1.82%	-0.50%	1.82%	7.50%
228	Carrizo Springs	44	49	4.17%	1.33%	5.50%	0.21%	5.71%	4.39%	0.63%	5.02%	0.24%	5.26%	-0.45%	5.26%	9.50%
230	Carrollton	773	781	7.63%	4.82%	12.45%	0.00%	12.45%	7.56%	3.92%	11.48%	0.00%	11.48%	-0.97%	11.48%	NO MAX
232	Carthage	79	77	8.49%	10.40%	18.89%	0.22%	19.11%	8.57%	10.09%	18.66%	0.25%	18.91%	-0.20%	18.91%	NO MAX
231	Castle Hills	57	61	7.44%	5.86%	13.30%	0.17%	13.47%	7.61%	4.51%	12.12%	0.18%	12.30%	-1.17%	12.30%	NO MAX
234	Castroville	36	36	6.48%	2.23%	8.71%	0.23%	8.94%	6.97%	2.10%	9.07%	0.31%	9.38%	0.44%	8.91%	11.50%
238	Cedar Hill	325	324	9.21%	3.94%	13.15%	0.15%	13.30%	9.01%	3.59%	12.60%	0.15%	12.75%	-0.55%	12.75%	NO MAX
239	Cedar Park	392	395	7.18%	2.07%	9.25%	0.12%	9.37%	7.13%	2.22%	9.35%	0.11%	9.46%	0.09%	9.46%	13.50%
240	Celeste	4	2	1.69%	4.32%	6.01%	0.14%	6.15%	1.33%	7.70%	9.03%	0.12%	9.15%	3.00%	9.15%	NO MAX
242	Celina	50	58	5.99%	-0.88%	5.11%	0.13%	5.24%	5.92%	-0.73%	5.19%	0.13%	5.32%	0.08%	4.80%	13.50%
244	Center	69	68	9.17%	6.71%	15.88%	0.17%	16.05%	9.28%	7.32%	16.60%	0.18%	16.78%	0.73%	16.78%	NO MAX
246	Centerville	5	6	3.91%	10.46%	14.37%	0.00%	14.37%	4.30%	12.14%	16.44%	0.00%	16.44%	2.07%	16.44%	NO MAX
247	Chandler	18	23	1.77%	3.40%	5.17%	0.23%	5.40%	1.84%	2.88%	4.72%	0.24%	4.96%	-0.44%	4.96%	NO MAX
248	Charlotte	7	8	3.92%	2.29%	6.21%	0.13%	6.34%	4.05%	2.24%	6.29%	0.13%	6.42%	0.08%	6.42%	9.50%
249	Chester	2	2	6.25%	-4.40%	1.85%	0.73%	2.58%	6.26%	-5.71%	0.55%	0.81%	1.36%	-1.22%	1.36%	NO MAX
245	Chico	7	7	2.02%	1.04%	3.06%	0.35%	3.41%	2.03%	1.23%	3.26%	0.39%	3.65%	0.24%	3.65%	NO MAX
250	Childress	57	64	8.66%	6.08%	14.74%	0.24%	14.98%	8.47%	6.24%	14.71%	0.23%	14.94%	-0.04%	14.94%	NO MAX
253	Chireno	6	6	8.80%	9.87%	18.67%	0.18%	18.85%	8.80%	9.98%	18.78%	0.20%	18.98%	0.13%	18.98%	NO MAX
254	Christine	1	1	0.41%	-0.41%	0.00%	0.00%	0.00%	0.41%	-0.41%	0.00%	0.00%	0.00%	0.00%	0.00%	NO MAX
255	Cibolo	103	108	11.06%	1.70%	12.76%	0.13%	12.89%	10.47%	1.57%	12.04%	0.13%	12.17%	-0.72%	10.79%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEAR    THIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
256	Cisco	33	33	4.33%	-1.31%	3.02%	0.19%	3.21%	4.24%	-1.98%	2.26%	0.20%	2.46%	-0.75%	2.46%	9.50%
258	Clarendon	15	14	1.32%	-1.32%	0.00%	0.24%	0.24%	1.59%	-1.59%	0.00%	0.30%	0.30%	0.06%	0.30%	7.50%
259	Clarksville	28	30	6.07%	-2.27%	3.80%	0.22%	4.02%	5.96%	-2.33%	3.63%	0.23%	3.86%	-0.16%	3.86%	11.50%
260	Clarksville City	5	4	4.30%	-2.17%	2.13%	0.27%	2.40%	3.92%	-2.96%	0.96%	0.34%	1.30%	-1.10%	1.30%	NO MAX
263	Clear Lake Shores	13	15	8.68%	2.21%	10.89%	0.16%	11.05%	8.42%	2.34%	10.76%	0.16%	10.92%	-0.13%	10.92%	12.50%
264	Cleburne	272	281	9.12%	8.97%	18.09%	0.21%	18.30%	9.12%	9.08%	18.20%	0.20%	18.40%	0.10%	18.40%	NO MAX
266	Cleveland	70	72	6.15%	4.52%	10.67%	0.30%	10.97%	5.82%	4.04%	9.86%	0.27%	10.13%	-0.84%	10.13%	11.50%
268	Clifton	25	24	1.74%	-0.79%	0.95%	0.28%	1.23%	1.67%	-0.94%	0.73%	0.28%	1.01%	-0.22%	1.01%	7.50%
271	Clute	93	87	8.42%	2.18%	10.60%	0.17%	10.77%	8.59%	1.37%	9.96%	0.19%	10.15%	-0.62%	10.15%	13.50%
272	Clyde	34	30	9.33%	3.52%	12.85%	0.18%	13.03%	9.32%	3.54%	12.86%	0.19%	13.05%	0.02%	13.05%	13.50%
274	Coahoma	4	5	5.75%	-0.62%	5.13%	0.37%	5.50%	5.83%	-1.24%	4.59%	0.29%	4.88%	-0.62%	4.88%	11.50%
276	Cockrell Hill	34	32	9.05%	-0.69%	8.36%	0.13%	8.49%	8.81%	-0.85%	7.96%	0.14%	8.10%	-0.39%	7.00%	13.50%
278	Coleman	62	64	8.03%	10.54%	18.57%	0.00%	18.57%	8.02%	9.71%	17.73%	0.00%	17.73%	-0.84%	17.73%	NO MAX
280	College Station	798	805	8.39%	4.83%	13.22%	0.00%	13.22%	8.33%	4.45%	12.78%	0.00%	12.78%	-0.44%	12.78%	NO MAX
281	Colleyville	174	180	8.61%	-0.92%	7.69%	0.15%	7.84%	8.49%	-0.91%	7.58%	0.15%	7.73%	-0.11%	7.52%	13.50%
282	Collinsville	6	7	1.88%	-1.40%	0.48%	0.22%	0.70%	1.85%	-1.19%	0.66%	0.23%	0.89%	0.19%	0.89%	8.50%
283	Colmesneil	4	3	2.95%	3.68%	6.63%	0.08%	6.71%	2.74%	3.96%	6.70%	0.08%	6.78%	0.07%	6.78%	NO MAX
284	Colorado City	41	43	6.88%	0.88%	7.76%	0.26%	8.02%	7.45%	0.73%	8.18%	0.30%	8.48%	0.46%	8.48%	12.50%
286	Columbus	40	37	7.88%	5.56%	13.44%	0.24%	13.68%	8.24%	4.91%	13.15%	0.19%	13.34%	-0.34%	13.34%	NO MAX
288	Comanche	31	29	3.03%	2.27%	5.30%	0.30%	5.60%	2.91%	2.07%	4.98%	0.30%	5.28%	-0.32%	5.28%	7.50%
290	Commerce	78	82	6.15%	2.74%	8.89%	0.25%	9.14%	6.15%	2.23%	8.38%	0.24%	8.62%	-0.52%	8.62%	11.50%
294	Conroe	394	392	9.27%	7.18%	16.45%	0.00%	16.45%	9.20%	6.86%	16.06%	0.00%	16.06%	-0.39%	16.06%	NO MAX
295	Converse	142	145	9.15%	5.36%	14.51%	0.12%	14.63%	9.16%	4.67%	13.83%	0.13%	13.96%	-0.67%	13.96%	NO MAX
298	Cooper	13	13	2.74%	2.91%	5.65%	0.29%	5.94%	2.74%	2.54%	5.28%	0.31%	5.59%	-0.35%	5.59%	8.50%
299	Coppell	374	376	11.02%	4.41%	15.43%	0.15%	15.58%	10.95%	4.16%	15.11%	0.14%	15.25%	-0.33%	15.25%	NO MAX
297	Copper Canyon	3	3	11.02%	0.59%	11.61%	0.48%	12.09%	10.96%	1.53%	12.49%	0.55%	13.04%	0.95%	9.35%	NO MAX
300	Copperas Cove	256	246	7.91%	4.70%	12.61%	0.19%	12.80%	7.95%	4.36%	12.31%	0.21%	12.52%	-0.28%	12.52%	NO MAX
301	Corinth	146	146	10.42%	4.86%	15.28%	0.10%	15.38%	10.45%	4.57%	15.02%	0.12%	15.14%	-0.24%	15.14%	NO MAX
302	Corpus Christi	2,251	2,245	3.99%	6.55%	10.54%	0.00%	10.54%	3.98%	5.60%	9.58%	0.00%	9.58%	-0.96%	9.58%	NO MAX
304	Corrigan	24	25	1.09%	0.03%	1.12%	0.24%	1.36%	1.00%	-0.14%	0.86%	0.22%	1.08%	-0.28%	1.08%	7.50%
306	Corsicana	188	170	7.20%	6.81%	14.01%	0.23%	14.24%	7.26%	6.74%	14.00%	0.24%	14.24%	0.00%	14.24%	NO MAX
308	Cotulla	38	41	4.37%	1.35%	5.72%	0.24%	5.96%	4.19%	1.65%	5.84%	0.24%	6.08%	0.12%	6.08%	11.50%
310	Crandall	26	25	10.83%	0.17%	11.00%	0.16%	11.16%	11.27%	-0.32%	10.95%	0.16%	11.11%	-0.05%	9.94%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
312	Crane	23	24	8.19%	2.38%	10.57%	0.18%	10.75%	8.21%	2.09%	10.30%	0.18%	10.48%	-0.27%	10.48%	15.50%
314	Crawford	4	5	0.98%	-0.86%	0.12%	0.00%	0.12%	0.88%	-0.68%	0.20%	0.00%	0.20%	0.08%	0.20%	7.50%
316	Crockett	72	71	6.17%	2.32%	8.49%	0.30%	8.79%	6.11%	2.00%	8.11%	0.30%	8.41%	-0.38%	8.41%	11.50%
318	Crosbyton	11	11	4.56%	-0.34%	4.22%	0.41%	4.63%	4.88%	-0.57%	4.31%	0.50%	4.81%	0.18%	4.60%	10.50%
320	Cross Plains	8	8	5.48%	2.53%	8.01%	0.46%	8.47%	5.20%	2.37%	7.57%	0.45%	8.02%	-0.45%	8.02%	9.50%
321	Cross Roads	4	3	7.22%	0.74%	7.96%	0.19%	8.15%	6.59%	0.60%	7.19%	0.05%	7.24%	-0.91%	7.20%	NO MAX
323	Crowley	110	106	8.04%	2.58%	10.62%	0.13%	10.75%	7.99%	2.27%	10.26%	0.13%	10.39%	-0.36%	10.39%	12.50%
324	Crystal City	53	60	3.19%	-3.19%	0.00%	0.00%	0.00%	3.40%	-3.11%	0.29%	0.00%	0.29%	0.29%	0.29%	13.50%
326	Cuero	107	105	6.63%	3.74%	10.37%	0.20%	10.57%	6.77%	3.22%	9.99%	0.21%	10.20%	-0.37%	10.20%	11.50%
328	Cumby	11	11	1.54%	0.85%	2.39%	0.14%	2.53%	1.51%	0.85%	2.36%	0.15%	2.51%	-0.02%	2.51%	NO MAX
332	Daingerfield	19	18	4.78%	2.13%	6.91%	0.00%	6.91%	4.61%	2.01%	6.62%	0.00%	6.62%	-0.29%	6.62%	9.50%
334	Daisetta	9	9	1.93%	-1.10%	0.83%	0.27%	1.10%	1.92%	-0.97%	0.95%	0.29%	1.24%	0.14%	1.24%	NO MAX
336	Dalhart	59	59	3.95%	-0.17%	3.78%	0.20%	3.98%	3.87%	-0.22%	3.65%	0.21%	3.86%	-0.12%	3.86%	11.50%
339	Dalworthington Gardens	27	27	10.53%	12.34%	22.87%	0.14%	23.01%	10.55%	11.40%	21.95%	0.16%	22.11%	-0.90%	22.11%	NO MAX
340	Danbury	7	10	3.75%	2.11%	5.86%	0.13%	5.99%	3.87%	1.85%	5.72%	0.13%	5.85%	-0.14%	5.85%	NO MAX
341	Darrouzett	3	3	1.44%	0.93%	2.37%	0.04%	2.41%	1.44%	-0.06%	1.38%	0.04%	1.42%	-0.99%	1.42%	NO MAX
344	Dayton	77	81	4.91%	1.30%	6.21%	0.19%	6.40%	5.04%	1.21%	6.25%	0.20%	6.45%	0.05%	6.45%	13.50%
352	De Leon	13	14	0.86%	0.41%	1.27%	0.16%	1.43%	0.86%	0.39%	1.25%	0.17%	1.42%	-0.01%	1.42%	7.50%
10366	DeSoto	317	322	8.65%	2.23%	10.88%	0.15%	11.03%	8.69%	1.69%	10.38%	0.15%	10.53%	-0.50%	10.53%	NO MAX
346	Decatur	112	115	10.19%	4.49%	14.68%	0.19%	14.87%	10.52%	4.50%	15.02%	0.19%	15.21%	0.34%	15.21%	NO MAX
348	Deer Park	279	283	10.14%	4.31%	14.45%	0.18%	14.63%	10.09%	3.73%	13.82%	0.17%	13.99%	-0.64%	13.99%	NO MAX
350	Dekalb	15	16	2.50%	-1.39%	1.11%	0.21%	1.32%	2.62%	-1.34%	1.28%	0.23%	1.51%	0.19%	1.51%	8.50%
354	Del Rio	448	462	0.94%	3.30%	4.24%	0.19%	4.43%	0.92%	3.19%	4.11%	0.18%	4.29%	-0.14%	4.29%	NO MAX
353	Dell City	2	2	4.90%	1.59%	6.49%	0.14%	6.63%	4.92%	1.69%	6.61%	0.16%	6.77%	0.14%	5.24%	NO MAX
356	Denison	213	214	7.64%	4.78%	12.42%	0.00%	12.42%	7.72%	4.08%	11.80%	0.00%	11.80%	-0.62%	11.80%	NO MAX
358	Denton	1,111	1,156	9.44%	8.32%	17.76%	0.18%	17.94%	9.46%	7.77%	17.23%	0.18%	17.41%	-0.53%	17.41%	NO MAX
360	Denver City	28	27	5.75%	6.54%	12.29%	0.23%	12.52%	5.92%	5.67%	11.59%	0.24%	11.83%	-0.69%	11.83%	NO MAX
362	Deport	1	1	1.59%	5.88%	7.47%	0.17%	7.64%	1.59%	5.31%	6.90%	0.18%	7.08%	-0.56%	7.08%	NO MAX
370	Devine	37	38	3.04%	5.58%	8.62%	0.18%	8.80%	3.07%	5.14%	8.21%	0.20%	8.41%	-0.39%	8.41%	NO MAX
371	Diboll	50	45	9.05%	4.57%	13.62%	0.19%	13.81%	9.02%	4.52%	13.54%	0.22%	13.76%	-0.05%	13.20%	13.50%
372	Dickens	2	2	1.80%	-1.16%	0.64%	0.06%	0.70%	1.79%	-1.05%	0.74%	0.07%	0.81%	0.11%	0.81%	NO MAX
373	Dickinson	93	89	7.33%	1.27%	8.60%	0.17%	8.77%	7.35%	1.10%	8.45%	0.18%	8.63%	-0.14%	8.63%	13.50%
374	Dilley	35	40	5.18%	1.99%	7.17%	0.20%	7.37%	5.42%	2.04%	7.46%	0.22%	7.68%	0.31%	7.22%	11.50%

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**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEAR    THIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
376	Dimmitt	30	29	6.66%	-1.20%	5.46%	0.00%	5.46%	6.82%	-2.17%	4.65%	0.00%	4.65%	-0.81%	4.65%	12.50%
382	Donna	93	101	3.61%	1.26%	4.87%	0.17%	5.04%	3.69%	1.39%	5.08%	0.17%	5.25%	0.21%	5.25%	9.50%
379	Double Oak	11	12	4.93%	0.12%	5.05%	0.25%	5.30%	4.73%	0.36%	5.09%	0.25%	5.34%	0.04%	4.88%	NO MAX
383	Dripping Springs	6	6	1.03%	0.72%	1.75%	0.13%	1.88%	1.15%	0.71%	1.86%	0.15%	2.01%	0.13%	2.01%	NO MAX
385	Driscoll	3	1	1.83%	0.95%	2.78%	0.23%	3.01%	1.37%	0.60%	1.97%	0.12%	2.09%	-0.92%	2.09%	NO MAX
384	Dublin	27	30	9.30%	5.10%	14.40%	0.19%	14.59%	9.14%	4.76%	13.90%	0.20%	14.10%	-0.49%	14.10%	NO MAX
386	Dumas	114	120	4.78%	1.53%	6.31%	0.17%	6.48%	4.78%	1.44%	6.22%	0.18%	6.40%	-0.08%	6.40%	9.50%
388	Duncanville	235	243	4.70%	-0.84%	3.86%	0.00%	3.86%	4.69%	-1.28%	3.41%	0.00%	3.41%	-0.45%	3.41%	NO MAX
394	Eagle Lake	27	29	6.81%	0.25%	7.06%	0.20%	7.26%	7.03%	1.04%	8.07%	0.22%	8.29%	1.03%	8.29%	12.50%
396	Eagle Pass	362	357	6.86%	2.77%	9.63%	0.22%	9.85%	6.79%	2.29%	9.08%	0.22%	9.30%	-0.55%	9.30%	11.50%
397	Early	24	24	3.63%	-0.78%	2.85%	0.24%	3.09%	3.43%	-1.09%	2.34%	0.16%	2.50%	-0.59%	2.50%	9.50%
399	Earth	5	6	2.11%	2.39%	4.50%	0.32%	4.82%	1.53%	2.50%	4.03%	0.19%	4.22%	-0.60%	4.22%	NO MAX
401	East Mountain	3	6	11.54%	1.28%	12.82%	0.11%	12.93%	11.49%	1.80%	13.29%	0.09%	13.38%	0.45%	12.38%	NO MAX
395	East Tawakoni	8	8	5.93%	0.14%	6.07%	0.26%	6.33%	5.94%	-0.54%	5.40%	0.36%	5.76%	-0.57%	5.76%	NO MAX
398	Eastland	37	39	6.97%	2.20%	9.17%	0.29%	9.46%	7.02%	1.77%	8.79%	0.30%	9.09%	-0.37%	9.09%	11.50%
402	Ector	4	3	1.98%	-0.33%	1.65%	0.35%	2.00%	2.09%	-0.44%	1.65%	0.41%	2.06%	0.06%	2.06%	NO MAX
406	Eden	12	11	3.35%	1.84%	5.19%	0.35%	5.54%	3.37%	1.85%	5.22%	0.29%	5.51%	-0.03%	5.51%	7.50%
408	Edgewood	6	7	1.95%	1.76%	3.71%	0.28%	3.99%	1.84%	1.68%	3.52%	0.27%	3.79%	-0.20%	3.79%	NO MAX
410	Edinburg	673	685	7.71%	7.26%	14.97%	0.14%	15.11%	7.69%	6.87%	14.56%	0.14%	14.70%	-0.41%	14.70%	NO MAX
412	Edna	46	45	5.67%	5.79%	11.46%	0.24%	11.70%	5.53%	5.73%	11.26%	0.20%	11.46%	-0.24%	11.46%	NO MAX
414	El Campo	106	109	6.15%	5.62%	11.77%	0.20%	11.97%	6.11%	5.18%	11.29%	0.19%	11.48%	-0.49%	11.48%	NO MAX
416	Eldorado	21	19	4.28%	2.47%	6.75%	0.22%	6.97%	4.60%	1.97%	6.57%	0.21%	6.78%	-0.19%	6.78%	10.50%
418	Electra	25	32	1.39%	0.83%	2.22%	0.36%	2.58%	1.43%	0.44%	1.87%	0.24%	2.11%	-0.47%	2.11%	7.50%
420	Elgin	68	69	8.15%	3.29%	11.44%	0.26%	11.70%	8.20%	2.76%	10.96%	0.28%	11.24%	-0.46%	11.24%	12.50%
422	Elkhart	8	7	3.35%	2.30%	5.65%	0.00%	5.65%	3.32%	2.64%	5.96%	0.00%	5.96%	0.31%	5.96%	NO MAX
427	Elmendorf	7	8	1.23%	-0.12%	1.11%	0.18%	1.29%	1.01%	-0.14%	0.87%	0.10%	0.97%	-0.32%	0.97%	NO MAX
432	Emory	22	21	5.13%	-0.34%	4.79%	0.27%	5.06%	5.03%	-0.50%	4.53%	0.30%	4.83%	-0.23%	4.83%	11.50%
436	Ennis	166	168	11.27%	7.28%	18.55%	0.19%	18.74%	11.43%	6.50%	17.93%	0.20%	18.13%	-0.61%	18.13%	NO MAX
439	Eules	371	369	10.67%	7.38%	18.05%	0.00%	18.05%	10.64%	6.85%	17.49%	0.00%	17.49%	-0.56%	17.49%	NO MAX
440	Eustace	11	10	4.65%	1.19%	5.84%	0.17%	6.01%	4.99%	1.03%	6.02%	0.21%	6.23%	0.22%	6.19%	13.50%
441	Everman	40	50	5.70%	2.89%	8.59%	0.18%	8.77%	6.00%	2.45%	8.45%	0.22%	8.67%	-0.10%	8.67%	11.50%
443	Fair Oaks Ranch	38	43	10.03%	1.72%	11.75%	0.15%	11.90%	9.51%	1.73%	11.24%	0.14%	11.38%	-0.52%	11.38%	13.50%
442	Fairfield	36	38	5.26%	-1.97%	3.29%	0.23%	3.52%	5.18%	-2.37%	2.81%	0.20%	3.01%	-0.51%	3.01%	11.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
445	Fairview	51	53	8.76%	1.48%	10.24%	0.14%	10.38%	8.73%	1.54%	10.27%	0.15%	10.42%	0.04%	9.72%	NO MAX
20444	Falfurrias	31	41	1.06%	0.74%	1.80%	0.22%	2.02%	1.12%	0.56%	1.68%	0.26%	1.94%	-0.08%	1.94%	7.50%
446	Falls City	4	4	4.59%	4.26%	8.85%	0.28%	9.13%	4.67%	4.00%	8.67%	0.31%	8.98%	-0.15%	8.98%	NO MAX
448	Farmers Branch	368	370	9.57%	9.39%	18.96%	0.13%	19.09%	9.52%	8.10%	17.62%	0.13%	17.75%	-1.34%	17.75%	NO MAX
450	Farmersville	29	33	6.73%	2.65%	9.38%	0.21%	9.59%	6.52%	1.90%	8.42%	0.20%	8.62%	-0.97%	8.62%	NO MAX
451	Farwell	7	7	8.93%	3.63%	12.56%	0.15%	12.71%	10.45%	3.06%	13.51%	0.13%	13.64%	0.93%	13.30%	NO MAX
452	Fate	38	37	8.78%	0.86%	9.64%	0.09%	9.73%	8.86%	0.80%	9.66%	0.10%	9.76%	0.03%	7.91%	NO MAX
454	Fayetteville	1	1	1.04%	-1.04%	0.00%	0.00%	0.00%	1.04%	-1.00%	0.04%	0.00%	0.04%	0.04%	0.04%	NO MAX
456	Ferris	39	41	5.81%	1.50%	7.31%	0.23%	7.54%	5.70%	1.05%	6.75%	0.18%	6.93%	-0.61%	6.67%	9.50%
458	Flatonia	19	19	9.24%	8.60%	17.84%	0.18%	18.02%	9.19%	8.53%	17.72%	0.18%	17.90%	-0.12%	17.90%	NO MAX
460	Florence	9	8	3.82%	0.21%	4.03%	0.12%	4.15%	3.64%	-0.41%	3.23%	0.12%	3.35%	-0.80%	3.35%	NO MAX
20462	Floresville	53	56	5.97%	4.94%	10.91%	0.00%	10.91%	5.98%	4.00%	9.98%	0.00%	9.98%	-0.93%	9.98%	11.50%
463	Flower Mound	532	547	7.54%	1.65%	9.19%	0.12%	9.31%	7.61%	1.57%	9.18%	0.13%	9.31%	0.00%	9.31%	13.50%
464	Floydada	21	21	4.93%	5.20%	10.13%	0.36%	10.49%	4.87%	4.25%	9.12%	0.29%	9.41%	-1.08%	9.41%	NO MAX
468	Forest Hill	75	83	9.30%	4.44%	13.74%	0.13%	13.87%	9.34%	4.06%	13.40%	0.11%	13.51%	-0.36%	13.51%	13.50%
470	Forney	122	124	10.71%	3.47%	14.18%	0.10%	14.28%	10.82%	3.28%	14.10%	0.11%	14.21%	-0.07%	13.31%	13.50%
472	Fort Stockton	108	113	6.08%	4.52%	10.60%	0.26%	10.86%	6.04%	4.21%	10.25%	0.27%	10.52%	-0.34%	10.52%	11.50%
476	Franklin	16	15	3.61%	-0.50%	3.11%	0.00%	3.11%	3.54%	-0.75%	2.79%	0.00%	2.79%	-0.32%	2.79%	11.50%
478	Frankston	13	13	1.41%	1.09%	2.50%	0.24%	2.74%	1.44%	0.44%	1.88%	0.28%	2.16%	-0.58%	2.16%	NO MAX
480	Fredericksburg	162	163	5.58%	4.19%	9.77%	0.23%	10.00%	5.56%	3.69%	9.25%	0.23%	9.48%	-0.52%	9.48%	11.50%
482	Freeport	117	113	8.78%	5.02%	13.80%	0.16%	13.96%	8.77%	5.00%	13.77%	0.15%	13.92%	-0.04%	13.36%	13.50%
481	Freer	23	23	3.39%	3.02%	6.41%	0.29%	6.70%	3.47%	2.57%	6.04%	0.31%	6.35%	-0.35%	6.35%	NO MAX
483	Friendswood	199	194	10.43%	5.36%	15.79%	0.20%	15.99%	10.42%	5.02%	15.44%	0.21%	15.65%	-0.34%	15.65%	NO MAX
484	Friona	25	24	5.56%	6.59%	12.15%	0.23%	12.38%	5.58%	5.76%	11.34%	0.18%	11.52%	-0.86%	11.52%	NO MAX
486	Frisco	897	924	10.76%	3.53%	14.29%	0.12%	14.41%	10.75%	3.25%	14.00%	0.13%	14.13%	-0.28%	14.13%	NO MAX
487	Fritch	19	21	7.08%	-3.98%	3.10%	0.14%	3.24%	7.31%	-5.37%	1.94%	0.25%	2.19%	-1.05%	1.97%	13.50%
488	Frost	5	5	2.30%	0.82%	3.12%	0.00%	3.12%	2.45%	0.73%	3.18%	0.00%	3.18%	0.06%	3.18%	7.50%
491	Fulshear	23	31	4.38%	0.96%	5.34%	0.15%	5.49%	4.13%	0.80%	4.93%	0.12%	5.05%	-0.44%	5.05%	NO MAX
493	Fulton	6	5	6.82%	10.93%	17.75%	0.34%	18.09%	6.69%	10.79%	17.48%	0.40%	17.88%	-0.21%	17.88%	NO MAX
492	Gainesville	211	208	4.52%	5.19%	9.71%	0.24%	9.95%	4.49%	4.82%	9.31%	0.21%	9.52%	-0.43%	9.52%	NO MAX
494	Galena Park	58	62	8.26%	6.04%	14.30%	0.30%	14.60%	8.57%	5.33%	13.90%	0.27%	14.17%	-0.43%	14.17%	NO MAX
498	Ganado	10	9	10.92%	3.15%	14.07%	0.30%	14.37%	11.11%	0.77%	11.88%	0.36%	12.24%	-2.13%	12.24%	NO MAX
499	Garden Ridge	26	26	6.07%	1.58%	7.65%	0.15%	7.80%	5.92%	1.56%	7.48%	0.15%	7.63%	-0.17%	7.00%	11.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

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				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											
500	Garland	1,953	1,949	8.14%	2.73%	10.87%	0.17%	11.04%	8.10%	2.20%	10.30%	0.20%	10.50%	-0.54%	10.50%	NO MAX
502	Garrison	6	5	8.80%	6.44%	15.24%	0.53%	15.77%	8.37%	6.66%	15.03%	0.36%	15.39%	-0.38%	15.39%	NO MAX
503	Gary	3	3	3.51%	3.67%	7.18%	0.00%	7.18%	3.52%	3.76%	7.28%	0.00%	7.28%	0.10%	7.28%	7.50%
504	Gatesville	74	74	9.42%	6.25%	15.67%	0.28%	15.95%	9.59%	6.31%	15.90%	0.30%	16.20%	0.25%	16.20%	NO MAX
505	George West	37	41	3.54%	1.91%	5.45%	0.12%	5.57%	3.50%	1.52%	5.02%	0.13%	5.15%	-0.42%	5.15%	NO MAX
506	Georgetown	511	527	8.24%	3.47%	11.71%	0.12%	11.83%	8.25%	3.22%	11.47%	0.14%	11.61%	-0.22%	11.61%	13.50%
510	Giddings	65	71	8.74%	9.87%	18.61%	0.22%	18.83%	8.72%	9.74%	18.46%	0.22%	18.68%	-0.15%	18.68%	NO MAX
512	Gilmer	49	47	8.07%	5.58%	13.65%	0.25%	13.90%	7.96%	4.97%	12.93%	0.24%	13.17%	-0.73%	13.17%	NO MAX
514	Gladewater	63	60	3.24%	0.46%	3.70%	0.21%	3.91%	3.24%	-0.03%	3.21%	0.20%	3.41%	-0.50%	3.41%	7.50%
516	Glen Rose	21	22	10.39%	3.53%	13.92%	0.29%	14.21%	11.80%	3.48%	15.28%	0.32%	15.60%	1.39%	15.24%	NO MAX
517	Glenn Heights	62	66	3.26%	-0.02%	3.24%	0.16%	3.40%	3.34%	-0.14%	3.20%	0.16%	3.36%	-0.04%	3.36%	12.50%
518	Godley	9	10	1.63%	0.74%	2.37%	0.19%	2.56%	1.32%	0.67%	1.99%	0.18%	2.17%	-0.39%	2.17%	8.50%
519	Goldsmith	4	4	1.69%	1.00%	2.69%	0.29%	2.98%	1.62%	1.11%	2.73%	0.35%	3.08%	0.10%	3.08%	7.50%
520	Goldthwaite	11	11	9.88%	15.93%	25.81%	0.26%	26.07%	9.86%	15.97%	25.83%	0.29%	26.12%	0.05%	26.12%	NO MAX
522	Goliad	13	8	4.21%	-2.31%	1.90%	0.22%	2.12%	3.52%	-2.46%	1.06%	0.25%	1.31%	-0.81%	1.31%	NO MAX
524	Gonzales	104	112	6.10%	5.10%	11.20%	0.20%	11.40%	6.02%	4.37%	10.39%	0.20%	10.59%	-0.81%	10.59%	NO MAX
532	Graford	3	3	1.85%	0.68%	2.53%	0.18%	2.71%	1.85%	0.80%	2.65%	0.20%	2.85%	0.14%	2.85%	NO MAX
10534	Graham	85	79	6.69%	5.59%	12.28%	0.34%	12.62%	6.72%	5.19%	11.91%	0.33%	12.24%	-0.38%	12.24%	NO MAX
536	Granbury	161	163	9.26%	6.33%	15.59%	0.22%	15.81%	9.33%	5.87%	15.20%	0.22%	15.42%	-0.39%	15.42%	NO MAX
540	Grand Prairie	1,168	1,166	9.43%	7.01%	16.44%	0.17%	16.61%	9.44%	6.22%	15.66%	0.18%	15.84%	-0.77%	15.84%	NO MAX
542	Grand Saline	23	21	4.63%	1.75%	6.38%	0.38%	6.76%	4.71%	0.86%	5.57%	0.38%	5.95%	-0.81%	5.95%	9.50%
544	Grandview	15	16	5.30%	-0.44%	4.86%	0.00%	4.86%	5.43%	-0.35%	5.08%	0.00%	5.08%	0.22%	4.65%	11.50%
546	Granger	6	8	2.26%	-2.01%	0.25%	0.00%	0.25%	2.05%	-2.05%	0.00%	0.00%	0.00%	-0.25%	0.00%	7.50%
547	Granite Shoals	31	32	4.04%	0.21%	4.25%	0.18%	4.43%	4.21%	0.24%	4.45%	0.20%	4.65%	0.22%	4.46%	NO MAX
548	Grapeland	11	12	3.29%	1.88%	5.17%	0.00%	5.17%	3.41%	0.71%	4.12%	0.00%	4.12%	-1.05%	4.12%	7.50%
550	Grapevine	547	541	11.11%	8.29%	19.40%	0.00%	19.40%	11.04%	8.02%	19.06%	0.00%	19.06%	-0.34%	19.06%	NO MAX
552	Greenville	321	321	6.91%	3.68%	10.59%	0.22%	10.81%	7.07%	3.23%	10.30%	0.22%	10.52%	-0.29%	10.52%	NO MAX
551	Gregory	7	9	5.72%	-0.64%	5.08%	0.20%	5.28%	5.51%	-1.78%	3.73%	0.17%	3.90%	-1.38%	3.90%	9.50%
553	Grey Forest	31	37	9.24%	6.60%	15.84%	0.23%	16.07%	8.78%	6.40%	15.18%	0.22%	15.40%	-0.67%	15.40%	NO MAX
556	Groesbeck	36	35	1.32%	1.06%	2.38%	0.25%	2.63%	1.31%	1.02%	2.33%	0.25%	2.58%	-0.05%	2.58%	NO MAX
558	Groom	5	4	3.20%	-0.47%	2.73%	0.00%	2.73%	2.80%	-0.54%	2.26%	0.00%	2.26%	-0.47%	2.26%	7.50%
559	Groves	98	96	7.08%	2.50%	9.58%	0.00%	9.58%	7.09%	1.79%	8.88%	0.00%	8.88%	-0.70%	8.88%	NO MAX
560	Groveton	10	11	1.64%	-0.26%	1.38%	0.15%	1.53%	1.66%	-0.18%	1.48%	0.18%	1.66%	0.13%	1.66%	7.50%



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				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											
562	Gruver	5	6	7.61%	0.44%	8.05%	0.00%	8.05%	6.48%	-0.10%	6.38%	0.00%	6.38%	-1.67%	6.38%	12.50%
563	Gun Barrel City	46	45	4.69%	0.79%	5.48%	0.19%	5.67%	4.77%	0.75%	5.52%	0.19%	5.71%	0.04%	5.71%	11.50%
564	Gunter	8	8	4.23%	-0.74%	3.49%	0.11%	3.60%	4.22%	-0.88%	3.34%	0.13%	3.47%	-0.13%	3.38%	NO MAX
568	Hale Center	10	10	1.44%	1.41%	2.85%	0.14%	2.99%	1.53%	0.21%	1.74%	0.17%	1.91%	-1.08%	1.91%	NO MAX
570	Hallettsville	36	37	6.54%	5.84%	12.38%	0.26%	12.64%	6.53%	5.52%	12.05%	0.28%	12.33%	-0.31%	12.33%	NO MAX
572	Hallsville	16	16	1.34%	1.78%	3.12%	0.13%	3.25%	1.25%	1.69%	2.94%	0.16%	3.10%	-0.15%	3.10%	NO MAX
574	Haltom City	263	264	10.18%	9.10%	19.28%	0.18%	19.46%	10.13%	8.59%	18.72%	0.19%	18.91%	-0.55%	18.91%	NO MAX
576	Hamilton	16	22	10.42%	11.10%	21.52%	0.45%	21.97%	11.24%	9.50%	20.74%	0.33%	21.07%	-0.90%	21.07%	NO MAX
578	Hamlin	14	15	6.77%	5.57%	12.34%	0.44%	12.78%	6.48%	4.41%	10.89%	0.41%	11.30%	-1.48%	11.30%	NO MAX
580	Happy	3	2	7.53%	5.04%	12.57%	0.27%	12.84%	7.67%	4.71%	12.38%	0.36%	12.74%	-0.10%	12.64%	NO MAX
581	Harker Heights	198	203	9.86%	5.09%	14.95%	0.14%	15.09%	9.68%	4.95%	14.63%	0.15%	14.78%	-0.31%	14.78%	NO MAX
10582	Harlingen	260	240	4.22%	3.86%	8.08%	0.29%	8.37%	4.15%	2.86%	7.01%	0.29%	7.30%	-1.07%	7.30%	15.50%
20582	Harlingen Waterworks Sys	137	133	1.69%	-0.61%	1.08%	0.26%	1.34%	1.60%	-1.01%	0.59%	0.26%	0.85%	-0.49%	0.85%	9.50%
583	Hart	4	4	0.76%	2.01%	2.77%	0.00%	2.77%	0.75%	1.93%	2.68%	0.00%	2.68%	-0.09%	2.68%	NO MAX
586	Haskell	16	16	1.33%	-1.33%	0.00%	0.22%	0.22%	1.11%	-1.11%	0.00%	0.18%	0.18%	-0.04%	0.18%	9.50%
587	Haslet	17	19	8.50%	1.17%	9.67%	0.12%	9.79%	8.47%	-0.30%	8.17%	0.17%	8.34%	-1.45%	8.34%	15.50%
588	Hawkins	11	11	8.13%	4.69%	12.82%	0.24%	13.06%	8.11%	5.22%	13.33%	0.26%	13.59%	0.53%	13.59%	13.50%
585	Hays	1	1	12.14%	-5.79%	6.35%	0.78%	7.13%	12.13%	-6.31%	5.82%	0.87%	6.69%	-0.44%	6.69%	NO MAX
590	Hearne	51	54	8.36%	7.42%	15.78%	0.19%	15.97%	8.21%	6.79%	15.00%	0.18%	15.18%	-0.79%	15.18%	NO MAX
591	Heath	43	42	9.31%	1.44%	10.75%	0.19%	10.94%	9.31%	1.39%	10.70%	0.16%	10.86%	-0.08%	10.53%	13.50%
592	Hedley	3	3	2.07%	-0.92%	1.15%	0.24%	1.39%	4.01%	-1.01%	3.00%	0.54%	3.54%	2.15%	3.39%	11.50%
595	Hedwig Village	28	29	4.13%	2.15%	6.28%	0.19%	6.47%	4.10%	2.02%	6.12%	0.20%	6.32%	-0.15%	6.32%	NO MAX
593	Helotes	58	60	5.12%	1.22%	6.34%	0.12%	6.46%	4.93%	1.16%	6.09%	0.12%	6.21%	-0.25%	6.21%	12.50%
594	Hemphill	23	26	3.48%	1.59%	5.07%	0.32%	5.39%	3.32%	0.19%	3.51%	0.32%	3.83%	-1.56%	3.83%	9.50%
596	Hempstead	60	63	6.11%	3.26%	9.37%	0.21%	9.58%	6.08%	2.56%	8.64%	0.24%	8.88%	-0.70%	8.88%	NO MAX
598	Henderson	115	115	7.73%	7.40%	15.13%	0.18%	15.31%	7.94%	7.40%	15.34%	0.18%	15.52%	0.21%	15.52%	NO MAX
600	Henrietta	17	17	9.82%	5.26%	15.08%	0.22%	15.30%	9.54%	4.56%	14.10%	0.22%	14.32%	-0.98%	14.32%	NO MAX
602	Hereford	89	89	6.29%	4.38%	10.67%	0.19%	10.86%	6.33%	4.10%	10.43%	0.20%	10.63%	-0.23%	10.63%	11.50%
605	Hewitt	78	81	10.00%	5.32%	15.32%	0.12%	15.44%	9.96%	5.35%	15.31%	0.13%	15.44%	0.00%	15.40%	NO MAX
609	Hickory Creek	20	18	9.65%	3.25%	12.90%	0.15%	13.05%	9.05%	1.76%	10.81%	0.10%	10.91%	-2.14%	10.91%	13.50%
606	Hico	11	11	5.87%	-1.00%	4.87%	0.34%	5.21%	5.93%	-1.38%	4.55%	0.33%	4.88%	-0.33%	4.88%	11.50%
607	Hidalgo	120	127	8.65%	4.33%	12.98%	0.00%	12.98%	9.20%	3.44%	12.64%	0.00%	12.64%	-0.34%	12.64%	13.50%
608	Higgins	3	3	3.98%	-0.12%	3.86%	0.33%	4.19%	4.00%	-0.36%	3.64%	0.36%	4.00%	-0.19%	4.00%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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CITY NUMBER	CITY NAME	Contributing Members  LAST YEARTHIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
610	Highland Park	122	116	5.49%	-1.54%	3.95%	0.00%	3.95%	5.52%	-2.38%	3.14%	0.00%	3.14%	-0.81%	3.14%	NO MAX
611	Highland Village	138	145	10.21%	3.08%	13.29%	0.17%	13.46%	10.18%	3.02%	13.20%	0.16%	13.36%	-0.10%	13.36%	13.50%
613	Hill Country Village	14	14	3.73%	0.15%	3.88%	0.15%	4.03%	3.73%	-0.59%	3.14%	0.13%	3.27%	-0.76%	3.27%	11.50%
612	Hillsboro	104	105	5.83%	5.40%	11.23%	0.00%	11.23%	5.72%	5.03%	10.75%	0.00%	10.75%	-0.48%	10.75%	NO MAX
619	Hilshire Village	N/A	2	2.96%	10.09%	13.05%	0.34%	13.39%	2.79%	9.93%	12.72%	0.35%	13.07%	-0.32%	13.07%	NO MAX
614	Hitchcock	49	47	3.49%	0.71%	4.20%	0.20%	4.40%	3.29%	0.53%	3.82%	0.20%	4.02%	-0.38%	4.02%	11.50%
615	Holland	5	5	5.76%	1.64%	7.40%	0.33%	7.73%	5.72%	1.92%	7.64%	0.35%	7.99%	0.26%	7.91%	10.50%
616	Holliday	10	9	2.45%	-0.53%	1.92%	0.00%	1.92%	2.50%	-0.57%	1.93%	0.00%	1.93%	0.01%	1.93%	9.50%
617	Hollywood Park	30	31	6.37%	2.57%	8.94%	0.14%	9.08%	6.43%	2.52%	8.95%	0.14%	9.09%	0.01%	9.09%	10.50%
618	Hondo	103	105	6.40%	2.96%	9.36%	0.21%	9.57%	6.36%	2.64%	9.00%	0.18%	9.18%	-0.39%	9.18%	11.50%
620	Honey Grove	11	11	6.27%	1.63%	7.90%	0.25%	8.15%	6.35%	0.94%	7.29%	0.28%	7.57%	-0.58%	7.57%	9.50%
622	Hooks	14	13	1.86%	-0.85%	1.01%	0.20%	1.21%	1.72%	-0.85%	0.87%	0.18%	1.05%	-0.16%	1.05%	7.50%
626	Howe	11	12	5.29%	-0.51%	4.78%	0.27%	5.05%	5.14%	-0.64%	4.50%	0.27%	4.77%	-0.28%	4.77%	11.50%
627	Hubbard	12	13	1.18%	-0.64%	0.54%	0.21%	0.75%	1.11%	-0.71%	0.40%	0.20%	0.60%	-0.15%	0.60%	NO MAX
628	Hudson	17	16	3.19%	-0.02%	3.17%	0.14%	3.31%	3.33%	0.16%	3.49%	0.16%	3.65%	0.34%	3.65%	NO MAX
629	Hudson Oaks	23	23	9.84%	3.72%	13.56%	0.09%	13.65%	9.43%	3.46%	12.89%	0.09%	12.98%	-0.67%	12.56%	13.50%
630	Hughes Springs	13	13	9.32%	8.10%	17.42%	0.21%	17.63%	9.51%	5.85%	15.36%	0.23%	15.59%	-2.04%	15.59%	NO MAX
632	Humble	185	187	9.14%	4.86%	14.00%	0.16%	14.16%	9.16%	4.42%	13.58%	0.17%	13.75%	-0.41%	13.75%	NO MAX
633	Hunters Creek Village	8	6	9.84%	4.41%	14.25%	0.42%	14.67%	8.98%	5.02%	14.00%	0.54%	14.54%	-0.13%	12.69%	13.50%
634	Huntington	17	18	9.53%	5.55%	15.08%	0.18%	15.26%	9.20%	4.57%	13.77%	0.17%	13.94%	-1.32%	13.94%	NO MAX
636	Huntsville	249	249	7.14%	10.12%	17.26%	0.17%	17.43%	7.21%	9.86%	17.07%	0.18%	17.25%	-0.18%	17.25%	NO MAX
637	Hurst	342	386	7.45%	2.70%	10.15%	0.00%	10.15%	7.58%	2.05%	9.63%	0.00%	9.63%	-0.52%	9.63%	NO MAX
638	Hutchins	57	57	6.46%	0.49%	6.95%	0.12%	7.07%	6.72%	0.22%	6.94%	0.13%	7.07%	0.00%	6.96%	11.50%
640	Hutto	82	89	11.44%	1.96%	13.40%	0.12%	13.52%	11.29%	1.85%	13.14%	0.11%	13.25%	-0.27%	11.96%	NO MAX
641	Huxley	9	9	2.14%	-2.14%	0.00%	0.20%	0.20%	2.25%	-2.25%	0.00%	0.21%	0.21%	0.01%	0.21%	9.50%
642	Idalou	13	13	3.33%	0.62%	3.95%	0.08%	4.03%	3.47%	0.59%	4.06%	0.10%	4.16%	0.13%	4.16%	NO MAX
643	Ingleside	72	74	7.41%	2.93%	10.34%	0.26%	10.60%	7.64%	2.71%	10.35%	0.31%	10.66%	0.06%	10.66%	11.50%
646	Ingram	13	12	4.37%	0.75%	5.12%	0.00%	5.12%	4.49%	0.90%	5.39%	0.00%	5.39%	0.27%	5.39%	9.50%
647	Iowa Colony	N/A	4	5.58%	29.41%	34.99%	0.23%	35.22%	5.46%	28.47%	33.93%	0.26%	34.19%	-1.03%	34.19%	NO MAX
644	Iowa Park	47	45	5.94%	7.90%	13.84%	0.20%	14.04%	5.98%	7.65%	13.63%	0.22%	13.85%	-0.19%	13.85%	NO MAX
645	Iraan	6	6	5.87%	8.31%	14.18%	0.38%	14.56%	5.70%	8.73%	14.43%	0.39%	14.82%	0.26%	14.82%	NO MAX
648	Irving	1,367	1,383	9.02%	4.98%	14.00%	0.16%	14.16%	8.94%	4.39%	13.33%	0.18%	13.51%	-0.65%	13.51%	NO MAX
650	Italy	19	19	1.18%	1.18%	2.36%	0.08%	2.44%	1.14%	1.11%	2.25%	0.08%	2.33%	-0.11%	2.33%	NO MAX

**SECTION 2**  
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CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
652	Itasca	16	17	9.68%	0.43%	10.11%	0.19%	10.30%	10.14%	0.08%	10.22%	0.21%	10.43%	0.13%	10.43%	13.50%
654	Jacinto City	54	49	4.23%	5.18%	9.41%	0.25%	9.66%	4.16%	4.60%	8.76%	0.24%	9.00%	-0.66%	9.00%	9.50%
656	Jacksboro	34	40	9.88%	4.08%	13.96%	0.20%	14.16%	9.72%	4.04%	13.76%	0.22%	13.98%	-0.18%	13.64%	13.50%
658	Jacksonville	123	125	7.09%	4.24%	11.33%	0.21%	11.54%	7.10%	3.69%	10.79%	0.20%	10.99%	-0.55%	10.99%	NO MAX
660	Jasper	110	111	4.82%	4.21%	9.03%	0.22%	9.25%	4.83%	4.11%	8.94%	0.23%	9.17%	-0.08%	9.17%	15.50%
664	Jefferson	18	18	2.14%	2.09%	4.23%	0.24%	4.47%	2.04%	1.27%	3.31%	0.32%	3.63%	-0.84%	3.63%	NO MAX
665	Jersey Village	97	88	10.46%	4.79%	15.25%	0.18%	15.43%	10.48%	4.40%	14.88%	0.15%	15.03%	-0.40%	15.03%	NO MAX
666	Jewett	7	7	5.06%	3.43%	8.49%	0.24%	8.73%	5.00%	3.33%	8.33%	0.26%	8.59%	-0.14%	8.59%	9.50%
668	Joaquin	7	5	2.64%	1.20%	3.84%	0.36%	4.20%	2.65%	1.30%	3.95%	0.39%	4.34%	0.14%	4.34%	NO MAX
670	Johnson City	12	13	5.48%	3.78%	9.26%	0.15%	9.41%	6.49%	2.91%	9.40%	0.14%	9.54%	0.13%	9.54%	10.50%
673	Jones Creek	6	6	3.81%	1.96%	5.77%	0.35%	6.12%	3.76%	1.98%	5.74%	0.38%	6.12%	0.00%	6.12%	NO MAX
675	Jonestown	25	25	4.60%	0.66%	5.26%	0.20%	5.46%	4.54%	0.60%	5.14%	0.24%	5.38%	-0.08%	5.38%	NO MAX
677	Josephine	4	5	5.65%	0.21%	5.86%	0.12%	5.98%	5.56%	0.77%	6.33%	0.12%	6.45%	0.47%	6.28%	NO MAX
671	Joshua	34	35	5.23%	-0.29%	4.94%	0.09%	5.03%	5.40%	-0.34%	5.06%	0.12%	5.18%	0.15%	5.18%	13.50%
672	Jourdanton	34	36	4.96%	1.14%	6.10%	0.25%	6.35%	4.82%	1.34%	6.16%	0.26%	6.42%	0.07%	6.42%	9.50%
674	Junction	18	18	8.10%	4.82%	12.92%	0.30%	13.22%	8.41%	6.01%	14.42%	0.25%	14.67%	1.45%	14.67%	NO MAX
676	Justin	22	25	2.11%	0.73%	2.84%	0.00%	2.84%	2.04%	0.25%	2.29%	0.00%	2.29%	-0.55%	2.29%	7.50%
678	Karnes City	27	28	3.43%	1.53%	4.96%	0.20%	5.16%	3.42%	1.58%	5.00%	0.21%	5.21%	0.05%	5.21%	NO MAX
680	Katy	148	163	11.16%	4.38%	15.54%	0.21%	15.75%	11.21%	3.24%	14.45%	0.18%	14.63%	-1.12%	14.63%	NO MAX
682	Kaufman	60	66	10.12%	5.04%	15.16%	0.22%	15.38%	9.99%	4.03%	14.02%	0.21%	14.23%	-1.15%	14.23%	NO MAX
683	Keene	53	53	8.41%	6.06%	14.47%	0.15%	14.62%	8.15%	6.11%	14.26%	0.17%	14.43%	-0.19%	14.43%	NO MAX
681	Keller	291	288	10.32%	5.21%	15.53%	0.14%	15.67%	9.97%	4.96%	14.93%	0.14%	15.07%	-0.60%	15.07%	NO MAX
685	Kemah	36	34	5.13%	0.15%	5.28%	0.12%	5.40%	5.15%	0.08%	5.23%	0.13%	5.36%	-0.04%	5.36%	NO MAX
684	Kemp	7	7	1.77%	-1.77%	0.00%	0.00%	0.00%	2.03%	-2.03%	0.00%	0.00%	0.00%	0.00%	0.00%	7.50%
686	Kenedy	37	40	3.10%	1.15%	4.25%	0.17%	4.42%	3.31%	0.97%	4.28%	0.19%	4.47%	0.05%	4.47%	7.50%
688	Kennedale	67	68	11.14%	3.30%	14.44%	0.16%	14.60%	10.82%	3.40%	14.22%	0.16%	14.38%	-0.22%	13.49%	13.50%
692	Kermit	55	51	7.71%	7.37%	15.08%	0.20%	15.28%	9.05%	6.31%	15.36%	0.23%	15.59%	0.31%	15.59%	NO MAX
10694	Kerrville	293	285	7.26%	1.33%	8.59%	0.18%	8.77%	7.17%	1.25%	8.42%	0.18%	8.60%	-0.17%	8.60%	15.50%
20694	Kerrville PUB	58	61	8.47%	3.32%	11.79%	0.21%	12.00%	8.45%	3.35%	11.80%	0.22%	12.02%	0.02%	12.02%	NO MAX
10696	Kilgore	157	155	9.43%	6.56%	15.99%	0.22%	16.21%	9.36%	5.27%	14.63%	0.22%	14.85%	-1.36%	14.85%	NO MAX
698	Killeen	1,026	1,017	4.96%	3.28%	8.24%	0.15%	8.39%	4.97%	3.16%	8.13%	0.15%	8.28%	-0.11%	8.28%	13.50%
700	Kingsville	257	271	6.19%	3.40%	9.59%	0.00%	9.59%	6.29%	3.08%	9.37%	0.00%	9.37%	-0.22%	9.37%	NO MAX
701	Kirby	53	55	9.28%	4.10%	13.38%	0.13%	13.51%	9.74%	3.37%	13.11%	0.12%	13.23%	-0.28%	13.23%	13.50%

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				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							
702	Kirbyville	20	23	2.57%	2.99%	5.56%	0.30%	5.86%	2.64%	2.71%	5.35%	0.33%	5.68%	-0.18%	5.68%	7.50%
704	Knox City	9	9	2.69%	-2.69%	0.00%	0.20%	0.20%	3.47%	-2.41%	1.06%	0.31%	1.37%	1.17%	1.37%	9.50%
708	Kountze	25	23	1.19%	-0.12%	1.07%	0.13%	1.20%	1.16%	-0.22%	0.94%	0.16%	1.10%	-0.10%	1.10%	NO MAX
709	Kress	1	1	3.86%	6.62%	10.48%	0.00%	10.48%	3.86%	6.68%	10.54%	0.00%	10.54%	0.06%	10.54%	NO MAX
699	Krugerville	7	9	7.88%	-0.12%	7.76%	0.12%	7.88%	7.16%	0.47%	7.63%	0.10%	7.73%	-0.15%	6.49%	NO MAX
707	Krum	28	26	3.98%	-0.43%	3.55%	0.12%	3.67%	4.18%	-0.49%	3.69%	0.13%	3.82%	0.15%	3.64%	11.50%
710	Kyle	147	155	8.93%	2.60%	11.53%	0.13%	11.66%	8.80%	2.72%	11.52%	0.14%	11.66%	0.00%	10.88%	13.50%
725	La Coste	7	7	1.84%	-0.94%	0.90%	0.00%	0.90%	1.83%	-0.91%	0.92%	0.00%	0.92%	0.02%	0.92%	7.50%
714	La Feria	57	53	4.05%	5.71%	9.76%	0.25%	10.01%	4.06%	5.71%	9.77%	0.24%	10.01%	0.00%	10.01%	NO MAX
716	La Grange	62	66	9.16%	6.85%	16.01%	0.23%	16.24%	9.29%	6.15%	15.44%	0.26%	15.70%	-0.54%	15.70%	NO MAX
723	La Grulla	13	10	6.64%	-1.88%	4.76%	0.20%	4.96%	6.46%	-3.16%	3.30%	0.22%	3.52%	-1.44%	3.52%	11.50%
732	La Joya	44	39	1.18%	4.02%	5.20%	0.17%	5.37%	1.25%	4.23%	5.48%	0.18%	5.66%	0.29%	5.66%	NO MAX
721	La Marque	108	102	6.10%	3.24%	9.34%	0.18%	9.52%	6.09%	3.02%	9.11%	0.16%	9.27%	-0.25%	9.27%	11.50%
728	La Porte	371	373	8.80%	7.32%	16.12%	0.16%	16.28%	8.88%	6.76%	15.64%	0.16%	15.80%	-0.48%	15.80%	NO MAX
731	La Vernia	14	16	1.24%	1.36%	2.60%	0.12%	2.72%	1.25%	1.19%	2.44%	0.12%	2.56%	-0.16%	2.56%	NO MAX
711	Lacy-Lakeview	49	49	8.74%	4.79%	13.53%	0.17%	13.70%	8.65%	4.93%	13.58%	0.18%	13.76%	0.06%	13.74%	13.50%
712	Ladonia	3	2	6.14%	-2.73%	3.41%	0.23%	3.64%	3.84%	-3.73%	0.11%	0.16%	0.27%	-3.37%	0.27%	NO MAX
713	Lago Vista	86	87	6.07%	0.56%	6.63%	0.19%	6.82%	6.17%	0.31%	6.48%	0.21%	6.69%	-0.13%	6.69%	12.50%
705	Laguna Vista	14	15	2.61%	-0.13%	2.48%	0.11%	2.59%	2.64%	-0.14%	2.50%	0.12%	2.62%	0.03%	2.62%	NO MAX
717	Lake Dallas	33	32	8.98%	3.17%	12.15%	0.26%	12.41%	8.92%	3.64%	12.56%	0.24%	12.80%	0.39%	12.80%	13.50%
718	Lake Jackson	215	208	7.78%	4.84%	12.62%	0.21%	12.83%	7.82%	3.91%	11.73%	0.21%	11.94%	-0.89%	11.94%	NO MAX
719	Lake Worth	96	95	7.97%	4.51%	12.48%	0.15%	12.63%	7.98%	4.54%	12.52%	0.17%	12.69%	0.06%	12.69%	12.50%
727	Lakeport	5	5	2.69%	-2.69%	0.00%	0.13%	0.13%	2.70%	-2.70%	0.00%	0.15%	0.15%	0.02%	0.15%	NO MAX
715	Lakeside	10	10	6.85%	0.12%	6.97%	0.24%	7.21%	6.91%	0.22%	7.13%	0.27%	7.40%	0.19%	6.58%	12.50%
729	Lakeside City	3	3	1.57%	-0.24%	1.33%	0.22%	1.55%	1.56%	-0.34%	1.22%	0.20%	1.42%	-0.13%	1.42%	NO MAX
720	Lakeway	91	97	9.44%	3.46%	12.90%	0.15%	13.05%	9.58%	3.37%	12.95%	0.15%	13.10%	0.05%	12.78%	13.50%
722	Lamesa	65	63	3.92%	-0.17%	3.75%	0.00%	3.75%	4.18%	-0.58%	3.60%	0.00%	3.60%	-0.15%	3.60%	13.50%
724	Lampasas	110	112	9.09%	5.47%	14.56%	0.18%	14.74%	9.02%	5.14%	14.16%	0.18%	14.34%	-0.40%	14.34%	NO MAX
726	Lancaster	211	223	8.07%	5.93%	14.00%	0.15%	14.15%	8.06%	5.24%	13.30%	0.14%	13.44%	-0.71%	13.44%	NO MAX
730	Laredo	1,974	2,003	9.41%	12.24%	21.65%	0.18%	21.83%	9.39%	11.90%	21.29%	0.19%	21.48%	-0.35%	21.48%	NO MAX
733	Lavon	12	15	4.67%	-0.17%	4.50%	0.15%	4.65%	4.91%	-0.20%	4.71%	0.16%	4.87%	0.22%	4.38%	NO MAX
736	League City	478	479	8.91%	6.19%	15.10%	0.15%	15.25%	9.01%	5.85%	14.86%	0.15%	15.01%	-0.24%	15.01%	15.50%
737	Leander	183	196	9.41%	2.72%	12.13%	0.13%	12.26%	9.45%	2.73%	12.18%	0.13%	12.31%	0.05%	11.74%	13.50%

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				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							
735	Lefors	N/A	4	0.85%	3.60%	4.45%	0.05%	4.50%	0.78%	3.07%	3.85%	0.05%	3.90%	-0.60%	3.90%	NO MAX
739	Leon Valley	97	99	8.73%	6.94%	15.67%	0.21%	15.88%	8.66%	5.32%	13.98%	0.19%	14.17%	-1.71%	14.17%	NO MAX
738	Leonard	16	14	1.30%	-0.63%	0.67%	0.18%	0.85%	1.26%	-0.65%	0.61%	0.25%	0.86%	0.01%	0.86%	7.50%
740	Levelland	95	97	7.85%	4.52%	12.37%	0.18%	12.55%	7.93%	4.01%	11.94%	0.19%	12.13%	-0.42%	12.13%	NO MAX
742	Lewisville	701	699	9.67%	7.21%	16.88%	0.00%	16.88%	9.63%	6.64%	16.27%	0.00%	16.27%	-0.61%	16.27%	NO MAX
744	Lexington	9	11	6.06%	2.50%	8.56%	0.00%	8.56%	6.02%	2.77%	8.79%	0.00%	8.79%	0.23%	8.77%	NO MAX
746	Liberty	94	98	4.98%	11.85%	16.83%	0.00%	16.83%	4.89%	12.85%	17.74%	0.00%	17.74%	0.91%	17.74%	NO MAX
745	Liberty Hill	11	15	2.49%	0.07%	2.56%	0.22%	2.78%	2.53%	0.22%	2.75%	0.22%	2.97%	0.19%	2.97%	NO MAX
748	Lindale	47	49	8.35%	6.73%	15.08%	0.00%	15.08%	8.34%	6.00%	14.34%	0.00%	14.34%	-0.74%	14.34%	NO MAX
750	Linden	13	12	1.65%	-0.09%	1.56%	0.33%	1.89%	1.58%	-0.24%	1.34%	0.38%	1.72%	-0.17%	1.72%	7.50%
755	Lipan	5	5	1.71%	-0.13%	1.58%	0.21%	1.79%	1.73%	-0.04%	1.69%	0.23%	1.92%	0.13%	1.92%	NO MAX
751	Little Elm	186	198	10.79%	2.03%	12.82%	0.13%	12.95%	10.70%	2.22%	12.92%	0.13%	13.05%	0.10%	12.28%	13.50%
752	Littlefield	48	55	6.16%	3.49%	9.65%	0.26%	9.91%	5.99%	3.11%	9.10%	0.22%	9.32%	-0.59%	9.32%	11.50%
753	Live Oak	115	114	10.42%	7.50%	17.92%	0.15%	18.07%	10.31%	7.31%	17.62%	0.15%	17.77%	-0.30%	17.77%	NO MAX
757	Liverpool	3	4	1.28%	0.03%	1.31%	0.05%	1.36%	1.73%	0.19%	1.92%	0.18%	2.10%	0.74%	2.10%	NO MAX
754	Livingston	76	83	8.20%	8.52%	16.72%	0.27%	16.99%	8.09%	7.96%	16.05%	0.26%	16.31%	-0.68%	16.31%	NO MAX
756	Llano	40	38	5.13%	4.80%	9.93%	0.31%	10.24%	5.20%	4.47%	9.67%	0.34%	10.01%	-0.23%	10.01%	11.50%
758	Lockhart	127	128	7.26%	5.06%	12.32%	0.24%	12.56%	7.18%	4.68%	11.86%	0.23%	12.09%	-0.47%	12.09%	NO MAX
760	Lockney	4	4	2.05%	-2.05%	0.00%	0.64%	0.64%	2.05%	-2.05%	0.00%	0.67%	0.67%	0.03%	0.67%	7.50%
765	Lone Star	10	10	3.11%	-0.05%	3.06%	0.24%	3.30%	3.06%	-0.23%	2.83%	0.18%	3.01%	-0.29%	3.01%	7.50%
766	Longview	635	626	6.64%	3.44%	10.08%	0.20%	10.28%	6.57%	3.29%	9.86%	0.20%	10.06%	-0.22%	10.06%	15.50%
768	Loraine	3	3	3.91%	0.77%	4.68%	0.20%	4.88%	2.12%	-0.07%	2.05%	0.05%	2.10%	-2.78%	2.10%	NO MAX
769	Lorena	16	15	6.54%	0.05%	6.59%	0.22%	6.81%	6.62%	0.05%	6.67%	0.25%	6.92%	0.11%	6.54%	10.50%
770	Lorenzo	6	7	4.92%	-2.57%	2.35%	0.00%	2.35%	4.71%	-2.53%	2.18%	0.00%	2.18%	-0.17%	2.18%	9.50%
771	Los Fresnos	51	51	2.17%	-1.13%	1.04%	0.16%	1.20%	2.13%	-1.30%	0.83%	0.17%	1.00%	-0.20%	1.00%	9.50%
773	Lott	9	8	1.37%	-0.65%	0.72%	0.21%	0.93%	1.47%	-0.60%	0.87%	0.24%	1.11%	0.18%	1.11%	NO MAX
774	Lovelady	3	3	4.91%	0.98%	5.89%	0.16%	6.05%	4.93%	1.16%	6.09%	0.17%	6.26%	0.21%	6.26%	NO MAX
778	Lubbock	1,697	1,683	9.66%	8.91%	18.57%	0.00%	18.57%	9.66%	8.30%	17.96%	0.00%	17.96%	-0.61%	17.96%	NO MAX
779	Lucas	27	26	10.71%	3.11%	13.82%	0.18%	14.00%	10.71%	2.61%	13.32%	0.16%	13.48%	-0.52%	13.31%	13.50%
782	Lufkin	364	340	8.03%	8.17%	16.20%	0.20%	16.40%	7.89%	7.83%	15.72%	0.21%	15.93%	-0.47%	15.93%	NO MAX
784	Luling	83	79	4.71%	3.99%	8.70%	0.30%	9.00%	4.91%	3.60%	8.51%	0.29%	8.80%	-0.20%	8.80%	11.50%
785	Lumberton	40	40	9.81%	8.01%	17.82%	0.20%	18.02%	9.89%	6.80%	16.69%	0.19%	16.88%	-1.14%	16.88%	NO MAX
786	Lyford	16	14	1.10%	3.10%	4.20%	0.00%	4.20%	1.12%	3.24%	4.36%	0.00%	4.36%	0.16%	4.36%	NO MAX

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				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							
787	Lytle	21	22	5.93%	3.10%	9.03%	0.14%	9.17%	5.95%	3.06%	9.01%	0.15%	9.16%	-0.01%	9.16%	11.50%
790	Madisonville	37	34	6.19%	3.15%	9.34%	0.32%	9.66%	6.28%	2.75%	9.03%	0.38%	9.41%	-0.25%	9.41%	11.50%
791	Magnolia	26	24	1.75%	-0.53%	1.22%	0.25%	1.47%	1.87%	-0.49%	1.38%	0.30%	1.68%	0.21%	1.46%	8.50%
792	Malakoff	22	26	5.03%	0.33%	5.36%	0.20%	5.56%	5.49%	0.43%	5.92%	0.22%	6.14%	0.58%	5.32%	13.50%
796	Manor	37	42	3.61%	-0.32%	3.29%	0.12%	3.41%	3.60%	-0.24%	3.36%	0.11%	3.47%	0.06%	3.47%	NO MAX
798	Mansfield	494	496	10.50%	3.99%	14.49%	0.14%	14.63%	10.35%	3.79%	14.14%	0.14%	14.28%	-0.35%	14.28%	NO MAX
799	Manvel	28	30	5.35%	0.12%	5.47%	0.13%	5.60%	5.49%	0.16%	5.65%	0.14%	5.79%	0.19%	5.79%	13.50%
800	Marble Falls	105	105	4.78%	-0.35%	4.43%	0.17%	4.60%	4.84%	-0.49%	4.35%	0.18%	4.53%	-0.07%	4.53%	13.50%
802	Marfa	24	26	3.95%	-3.57%	0.38%	0.42%	0.80%	4.00%	-3.09%	0.91%	0.40%	1.31%	0.51%	1.31%	11.50%
804	Marion	11	11	5.91%	-0.89%	5.02%	0.37%	5.39%	5.93%	-0.89%	5.04%	0.42%	5.46%	0.07%	5.46%	11.50%
806	Marlin	52	47	6.50%	2.58%	9.08%	0.29%	9.37%	6.54%	2.75%	9.29%	0.31%	9.60%	0.23%	8.83%	11.50%
810	Marshall	187	179	9.83%	6.90%	16.73%	0.26%	16.99%	9.80%	6.39%	16.19%	0.26%	16.45%	-0.54%	16.45%	NO MAX
812	Mart	13	12	4.95%	-3.49%	1.46%	0.23%	1.69%	4.96%	-3.69%	1.27%	0.25%	1.52%	-0.17%	1.25%	9.50%
813	Martindale	4	4	5.46%	3.06%	8.52%	0.16%	8.68%	5.61%	3.24%	8.85%	0.16%	9.01%	0.33%	9.01%	NO MAX
814	Mason	33	32	4.30%	2.07%	6.37%	0.23%	6.60%	4.19%	1.85%	6.04%	0.23%	6.27%	-0.33%	6.27%	9.50%
816	Matador	4	3	1.97%	2.80%	4.77%	0.30%	5.07%	2.14%	3.98%	6.12%	0.36%	6.48%	1.41%	6.48%	NO MAX
818	Mathis	46	46	4.47%	-1.48%	2.99%	0.16%	3.15%	5.10%	-2.06%	3.04%	0.19%	3.23%	0.08%	2.59%	13.50%
820	Maud	7	7	1.60%	1.83%	3.43%	0.12%	3.55%	1.44%	1.84%	3.28%	0.12%	3.40%	-0.15%	3.40%	NO MAX
822	Maypearl	7	7	1.66%	0.00%	1.66%	0.21%	1.87%	1.58%	0.06%	1.64%	0.21%	1.85%	-0.02%	1.85%	7.50%
824	McAllen	1,485	1,489	4.41%	2.12%	6.53%	0.00%	6.53%	4.39%	1.89%	6.28%	0.00%	6.28%	-0.25%	6.28%	13.50%
826	McCamey	7	10	2.45%	-1.36%	1.09%	0.24%	1.33%	2.48%	-0.87%	1.61%	0.23%	1.84%	0.51%	1.84%	9.50%
828	McGregor	45	49	7.75%	2.89%	10.64%	0.23%	10.87%	7.80%	2.75%	10.55%	0.25%	10.80%	-0.07%	10.80%	12.50%
830	McKinney	845	870	11.55%	4.15%	15.70%	0.12%	15.82%	11.47%	3.71%	15.18%	0.13%	15.31%	-0.51%	15.31%	NO MAX
832	McLean	6	6	1.80%	0.96%	2.76%	0.21%	2.97%	1.81%	-0.23%	1.58%	0.24%	1.82%	-1.15%	1.82%	NO MAX
833	McLendon-Chisholm	N/A	2	2.22%	5.59%	7.81%	0.73%	8.54%	2.31%	6.10%	8.41%	0.81%	9.22%	0.68%	9.22%	NO MAX
831	Meadowlakes	11	10	1.71%	-0.25%	1.46%	0.13%	1.59%	1.85%	-0.55%	1.30%	0.15%	1.45%	-0.14%	1.45%	NO MAX
835	Meadows Place	26	23	5.37%	2.18%	7.55%	0.18%	7.73%	5.26%	0.66%	5.92%	0.19%	6.11%	-1.62%	6.11%	13.50%
837	Melissa	38	43	6.25%	0.68%	6.93%	0.16%	7.09%	6.26%	0.81%	7.07%	0.16%	7.23%	0.14%	6.35%	NO MAX
1501	Memorial Villages PD	40	41	5.80%	4.12%	9.92%	0.20%	10.12%	5.66%	3.64%	9.30%	0.16%	9.46%	-0.66%	9.46%	NO MAX
840	Memphis	19	18	4.36%	1.62%	5.98%	0.22%	6.20%	4.29%	0.64%	4.93%	0.26%	5.19%	-1.01%	5.19%	NO MAX
842	Menard	8	7	3.23%	-3.23%	0.00%	0.00%	0.00%	3.21%	-3.21%	0.00%	0.00%	0.00%	0.00%	0.00%	NO MAX
844	Mercedes	107	111	10.19%	9.85%	20.04%	0.20%	20.24%	10.50%	8.59%	19.09%	0.19%	19.28%	-0.96%	19.28%	NO MAX
846	Meridian	8	9	3.36%	-1.20%	2.16%	0.09%	2.25%	3.29%	-1.03%	2.26%	0.11%	2.37%	0.12%	2.37%	11.50%

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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							
848	Merkel	14	15	7.37%	6.37%	13.74%	0.16%	13.90%	7.28%	6.05%	13.33%	0.12%	13.45%	-0.45%	13.45%	NO MAX
852	Mertzon	6	5	3.69%	6.95%	10.64%	0.08%	10.72%	4.14%	4.34%	8.48%	0.28%	8.76%	-1.96%	8.76%	NO MAX
854	Mesquite	1,050	1,038	4.78%	5.84%	10.62%	0.00%	10.62%	4.75%	5.39%	10.14%	0.00%	10.14%	-0.48%	10.14%	NO MAX
856	Mexia	100	99	9.03%	3.55%	12.58%	0.22%	12.80%	8.96%	2.84%	11.80%	0.22%	12.02%	-0.78%	12.02%	13.50%
860	Midland	702	703	8.44%	6.60%	15.04%	0.19%	15.23%	8.51%	6.51%	15.02%	0.21%	15.23%	0.00%	15.23%	NO MAX
862	Midlothian	181	189	10.41%	4.05%	14.46%	0.14%	14.60%	10.45%	3.60%	14.05%	0.15%	14.20%	-0.40%	14.20%	NO MAX
863	Milano	N/A	2	1.04%	0.73%	1.77%	0.03%	1.80%	1.49%	2.60%	4.09%	0.29%	4.38%	2.58%	4.38%	NO MAX
864	Miles	3	4	1.21%	-1.21%	0.00%	0.11%	0.11%	1.00%	-1.00%	0.00%	0.07%	0.07%	-0.04%	0.07%	7.50%
865	Milford	5	8	3.62%	5.67%	9.29%	0.54%	9.83%	3.57%	4.71%	8.28%	0.52%	8.80%	-1.03%	8.80%	NO MAX
868	Mineola	47	46	5.26%	-1.34%	3.92%	0.21%	4.13%	5.04%	-1.51%	3.53%	0.23%	3.76%	-0.37%	3.76%	11.50%
870	Mineral Wells	161	162	5.97%	3.46%	9.43%	0.24%	9.67%	6.07%	2.78%	8.85%	0.25%	9.10%	-0.57%	9.10%	11.50%
874	Mission	624	630	6.14%	1.80%	7.94%	0.14%	8.08%	6.08%	1.78%	7.86%	0.14%	8.00%	-0.08%	8.00%	12.50%
875	Missouri City	301	312	4.92%	0.69%	5.61%	0.12%	5.73%	4.89%	0.51%	5.40%	0.12%	5.52%	-0.21%	5.52%	15.50%
876	Monahans	57	57	5.22%	4.20%	9.42%	0.24%	9.66%	5.26%	3.67%	8.93%	0.25%	9.18%	-0.48%	9.18%	NO MAX
887	Mont Belvieu	61	65	9.47%	6.21%	15.68%	0.15%	15.83%	9.50%	6.43%	15.93%	0.16%	16.09%	0.26%	16.09%	NO MAX
877	Montgomery	16	15	4.74%	-0.61%	4.13%	0.00%	4.13%	5.18%	-1.05%	4.13%	0.00%	4.13%	0.00%	3.77%	13.50%
878	Moody	10	11	1.17%	1.45%	2.62%	0.37%	2.99%	1.14%	1.55%	2.69%	0.24%	2.93%	-0.06%	2.93%	7.50%
883	Morgan's Point	15	15	9.18%	0.62%	9.80%	0.32%	10.12%	9.06%	0.59%	9.65%	0.34%	9.99%	-0.13%	8.93%	NO MAX
882	Morgan's Point Resort	23	22	9.98%	1.74%	11.72%	0.22%	11.94%	9.69%	1.99%	11.68%	0.25%	11.93%	-0.01%	10.44%	13.50%
884	Morton	9	9	5.93%	2.86%	8.79%	0.27%	9.06%	6.09%	-1.55%	4.54%	0.17%	4.71%	-4.35%	4.71%	NO MAX
886	Moulton	11	11	4.81%	1.61%	6.42%	0.15%	6.57%	5.14%	1.54%	6.68%	0.16%	6.84%	0.27%	6.84%	NO MAX
890	Mount Enterprise	2	2	1.78%	0.71%	2.49%	0.31%	2.80%	1.79%	0.12%	1.91%	0.34%	2.25%	-0.55%	2.25%	NO MAX
892	Mt. Pleasant	143	145	9.99%	5.99%	15.98%	0.19%	16.17%	9.83%	5.52%	15.35%	0.18%	15.53%	-0.64%	15.53%	NO MAX
894	Mt. Vernon	22	21	7.88%	2.90%	10.78%	0.25%	11.03%	7.91%	2.28%	10.19%	0.24%	10.43%	-0.60%	10.43%	13.50%
896	Muenster	13	13	4.51%	-3.29%	1.22%	0.00%	1.22%	4.79%	-4.30%	0.49%	0.00%	0.49%	-0.73%	0.49%	11.50%
898	Muleshoe	34	33	9.18%	7.54%	16.72%	0.19%	16.91%	9.20%	6.69%	15.89%	0.21%	16.10%	-0.81%	16.10%	NO MAX
901	Munday	9	9	1.14%	2.37%	3.51%	0.23%	3.74%	1.14%	2.19%	3.33%	0.26%	3.59%	-0.15%	3.59%	NO MAX
903	Murphy	106	111	11.58%	2.38%	13.96%	0.12%	14.08%	11.40%	2.36%	13.76%	0.13%	13.89%	-0.19%	12.00%	13.50%
10904	Nacogdoches	302	299	7.77%	6.56%	14.33%	0.17%	14.50%	7.70%	6.23%	13.93%	0.18%	14.11%	-0.39%	14.11%	NO MAX
906	Naples	11	9	3.51%	-1.18%	2.33%	0.35%	2.68%	3.57%	-1.64%	1.93%	0.42%	2.35%	-0.33%	2.35%	9.50%
907	Nash	19	18	3.85%	0.72%	4.57%	0.17%	4.74%	3.76%	0.82%	4.58%	0.18%	4.76%	0.02%	4.48%	13.50%
905	Nassau Bay	45	44	9.58%	5.63%	15.21%	0.16%	15.37%	9.41%	5.84%	15.25%	0.13%	15.38%	0.01%	14.80%	NO MAX
909	Natalia	9	12	2.16%	0.61%	2.77%	0.25%	3.02%	1.84%	0.48%	2.32%	0.17%	2.49%	-0.53%	2.49%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
908	Navasota	92	93	5.00%	2.63%	7.63%	0.18%	7.81%	4.92%	2.57%	7.49%	0.19%	7.68%	-0.13%	7.68%	11.50%
910	Nederland	109	115	7.74%	-1.58%	6.16%	0.00%	6.16%	7.76%	-2.34%	5.42%	0.00%	5.42%	-0.74%	5.42%	NO MAX
912	Needville	14	16	3.40%	1.04%	4.44%	0.48%	4.92%	3.23%	0.03%	3.26%	0.38%	3.64%	-1.28%	3.64%	9.50%
914	New Boston	35	34	2.86%	-0.05%	2.81%	0.20%	3.01%	2.97%	-0.63%	2.34%	0.22%	2.56%	-0.45%	2.56%	7.50%
10916	New Braunfels	526	535	11.25%	6.28%	17.53%	0.13%	17.66%	11.13%	6.10%	17.23%	0.13%	17.36%	-0.30%	17.36%	NO MAX
20916	New Braunfels Utilities	220	231	6.75%	6.79%	13.54%	0.20%	13.74%	6.73%	5.72%	12.45%	0.18%	12.63%	-1.11%	12.63%	NO MAX
915	New Deal	3	4	2.28%	-1.15%	1.13%	0.00%	1.13%	2.17%	-2.17%	0.00%	0.00%	0.00%	-1.13%	0.00%	7.50%
923	New Fairview	2	1	1.63%	3.42%	5.05%	0.41%	5.46%	0.64%	4.02%	4.66%	0.11%	4.77%	-0.69%	4.77%	NO MAX
918	New London	10	10	3.73%	2.29%	6.02%	0.00%	6.02%	3.64%	1.61%	5.25%	0.00%	5.25%	-0.77%	5.25%	7.50%
919	New Summerfield	9	10	2.73%	-1.57%	1.16%	0.00%	1.16%	2.78%	-1.17%	1.61%	0.00%	1.61%	0.45%	1.61%	9.50%
917	New Waverly	5	5	4.56%	0.31%	4.87%	0.23%	5.10%	4.58%	1.35%	5.93%	0.25%	6.18%	1.08%	5.55%	9.50%
913	Newark	N/A	3	2.03%	1.43%	3.46%	0.14%	3.60%	1.62%	1.71%	3.33%	0.11%	3.44%	-0.16%	3.44%	NO MAX
920	Newton	22	20	8.68%	13.42%	22.10%	0.21%	22.31%	8.54%	12.04%	20.58%	0.23%	20.81%	-1.50%	20.81%	NO MAX
922	Nixon	17	22	0.96%	-0.01%	0.95%	0.16%	1.11%	1.10%	-0.10%	1.00%	0.22%	1.22%	0.11%	1.22%	NO MAX
924	Nocona	26	26	6.27%	3.78%	10.05%	0.21%	10.26%	6.34%	2.92%	9.26%	0.21%	9.47%	-0.79%	9.47%	11.50%
925	Nolanville	13	13	1.38%	0.19%	1.57%	0.13%	1.70%	1.39%	0.50%	1.89%	0.14%	2.03%	0.33%	2.03%	NO MAX
928	Normangee	6	7	4.47%	-0.77%	3.70%	0.19%	3.89%	4.57%	-1.12%	3.45%	0.14%	3.59%	-0.30%	3.59%	11.50%
931	North Richland Hills	540	542	10.69%	6.10%	16.79%	0.00%	16.79%	10.60%	5.66%	16.26%	0.00%	16.26%	-0.53%	16.26%	NO MAX
930	Northlake	19	20	8.22%	0.70%	8.92%	0.11%	9.03%	8.16%	0.84%	9.00%	0.11%	9.11%	0.08%	8.09%	NO MAX
935	O'Donnell	2	3	1.68%	7.09%	8.77%	0.27%	9.04%	1.66%	5.17%	6.83%	0.25%	7.08%	-1.96%	7.08%	NO MAX
936	Oak Point	17	17	5.53%	1.63%	7.16%	0.12%	7.28%	5.21%	1.49%	6.70%	0.13%	6.83%	-0.45%	6.83%	NO MAX
937	Oak Ridge North	44	49	8.76%	3.58%	12.34%	0.16%	12.50%	8.58%	3.13%	11.71%	0.16%	11.87%	-0.63%	11.87%	NO MAX
942	Odem	13	12	4.06%	2.86%	6.92%	0.33%	7.25%	4.06%	2.78%	6.84%	0.36%	7.20%	-0.05%	7.20%	NO MAX
944	Odessa	651	662	7.57%	6.44%	14.01%	0.18%	14.19%	7.54%	5.85%	13.39%	0.18%	13.57%	-0.62%	13.57%	NO MAX
945	Oglesby	3	1	2.34%	-0.57%	1.77%	0.41%	2.18%	0.77%	-0.76%	0.01%	0.53%	0.54%	-1.64%	0.54%	NO MAX
949	Old River-Winfree	1	1	2.11%	-2.11%	0.00%	0.00%	0.00%	2.11%	-2.11%	0.00%	0.00%	0.00%	0.00%	0.00%	7.50%
950	Olmos Park	35	36	3.31%	-1.94%	1.37%	0.00%	1.37%	3.19%	-1.98%	1.21%	0.00%	1.21%	-0.16%	1.21%	11.50%
951	Olney	22	24	5.91%	0.74%	6.65%	0.15%	6.80%	5.83%	0.87%	6.70%	0.15%	6.85%	0.05%	6.02%	NO MAX
953	Omaha	6	6	1.76%	2.95%	4.71%	0.24%	4.95%	1.76%	3.01%	4.77%	0.26%	5.03%	0.08%	5.03%	NO MAX
954	Onalaska	11	12	2.25%	-0.77%	1.48%	0.11%	1.59%	2.25%	-0.64%	1.61%	0.12%	1.73%	0.14%	1.73%	9.50%
958	Orange	155	157	10.86%	8.43%	19.29%	0.00%	19.29%	10.90%	6.97%	17.87%	0.00%	17.87%	-1.42%	17.87%	NO MAX
960	Orange Grove	12	11	4.54%	-2.31%	2.23%	0.14%	2.37%	4.62%	-2.67%	1.95%	0.15%	2.10%	-0.27%	2.10%	9.50%
959	Ore City	9	9	1.32%	-0.48%	0.84%	0.16%	1.00%	1.33%	-0.57%	0.76%	0.19%	0.95%	-0.05%	0.95%	7.50%



**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEARTHIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
962	Overton	18	17	3.32%	-2.20%	1.12%	0.28%	1.40%	3.47%	-2.55%	0.92%	0.27%	1.19%	-0.21%	1.19%	11.50%
961	Ovilla	23	25	8.36%	0.41%	8.77%	0.17%	8.94%	8.29%	0.44%	8.73%	0.17%	8.90%	-0.04%	7.40%	13.50%
963	Oyster Creek	18	19	7.84%	1.77%	9.61%	0.21%	9.82%	7.49%	1.86%	9.35%	0.21%	9.56%	-0.26%	9.56%	13.50%
964	Paducah	12	10	4.24%	-1.20%	3.04%	0.32%	3.36%	4.23%	-1.75%	2.48%	0.35%	2.83%	-0.53%	2.83%	9.50%
966	Palacios	32	33	9.85%	7.51%	17.36%	0.22%	17.58%	9.87%	6.95%	16.82%	0.23%	17.05%	-0.53%	17.05%	NO MAX
968	Palestine	172	162	7.75%	7.00%	14.75%	0.19%	14.94%	7.51%	6.42%	13.93%	0.20%	14.13%	-0.81%	14.13%	NO MAX
970	Palmer	22	23	6.13%	0.88%	7.01%	0.17%	7.18%	6.06%	0.72%	6.78%	0.16%	6.94%	-0.24%	6.94%	11.50%
969	Palmhurst	24	24	1.04%	-0.14%	0.90%	0.09%	0.99%	0.99%	-0.15%	0.84%	0.08%	0.92%	-0.07%	0.92%	NO MAX
971	Palmview	42	45	0.73%	1.31%	2.04%	0.07%	2.11%	0.70%	1.32%	2.02%	0.07%	2.09%	-0.02%	2.09%	NO MAX
972	Pampa	150	151	8.16%	13.36%	21.52%	0.26%	21.78%	8.17%	13.10%	21.27%	0.26%	21.53%	-0.25%	21.53%	NO MAX
974	Panhandle	16	18	7.41%	6.25%	13.66%	0.00%	13.66%	7.12%	6.51%	13.63%	0.00%	13.63%	-0.03%	13.63%	NO MAX
973	Panorama Village	11	12	6.08%	-0.20%	5.88%	0.42%	6.30%	5.81%	-0.15%	5.66%	0.43%	6.09%	-0.21%	6.09%	12.50%
975	Pantego	41	42	9.00%	6.56%	15.56%	0.12%	15.68%	10.08%	6.49%	16.57%	0.13%	16.70%	1.02%	16.49%	NO MAX
976	Paris	278	263	3.67%	2.54%	6.21%	0.22%	6.43%	3.64%	2.09%	5.73%	0.23%	5.96%	-0.47%	5.96%	NO MAX
977	Parker	16	20	6.23%	5.45%	11.68%	0.15%	11.83%	6.51%	4.69%	11.20%	0.20%	11.40%	-0.43%	11.40%	13.50%
978	Pasadena	967	960	8.63%	4.93%	13.56%	0.21%	13.77%	8.61%	4.09%	12.70%	0.23%	12.93%	-0.84%	12.93%	NO MAX
983	Pearland	572	561	9.93%	3.58%	13.51%	0.12%	13.63%	9.98%	3.39%	13.37%	0.12%	13.49%	-0.14%	13.49%	13.50%
984	Pearsall	62	72	2.47%	0.96%	3.43%	0.21%	3.64%	2.51%	0.78%	3.29%	0.22%	3.51%	-0.13%	3.51%	7.50%
988	Pecos City	105	107	5.53%	-0.19%	5.34%	0.24%	5.58%	5.58%	-0.40%	5.18%	0.25%	5.43%	-0.15%	5.43%	11.50%
994	Perryton	81	84	7.10%	7.45%	14.55%	0.22%	14.77%	7.11%	7.00%	14.11%	0.20%	14.31%	-0.46%	14.31%	NO MAX
1000	Pflugerville	270	281	10.01%	3.76%	13.77%	0.13%	13.90%	10.03%	3.61%	13.64%	0.14%	13.78%	-0.12%	13.78%	13.50%
1002	Pharr	527	540	4.31%	2.47%	6.78%	0.13%	6.91%	4.29%	2.23%	6.52%	0.13%	6.65%	-0.26%	6.65%	NO MAX
1004	Pilot Point	34	38	8.00%	1.60%	9.60%	0.16%	9.76%	7.74%	1.29%	9.03%	0.15%	9.18%	-0.58%	9.11%	11.50%
1005	Pinehurst	21	21	9.78%	6.87%	16.65%	0.31%	16.96%	9.51%	6.63%	16.14%	0.32%	16.46%	-0.50%	16.46%	NO MAX
1003	Pineland	11	12	4.99%	6.83%	11.82%	0.32%	12.14%	4.97%	5.29%	10.26%	0.31%	10.57%	-1.57%	10.57%	NO MAX
1001	Piney Point Village	5	6	5.98%	0.03%	6.01%	0.42%	6.43%	6.06%	0.63%	6.69%	0.46%	7.15%	0.72%	7.15%	NO MAX
1006	Pittsburg	32	32	7.50%	8.65%	16.15%	0.22%	16.37%	7.56%	7.79%	15.35%	0.22%	15.57%	-0.80%	15.57%	NO MAX
1007	Plains	8	8	6.98%	-0.91%	6.07%	0.14%	6.21%	6.87%	-1.13%	5.74%	0.14%	5.88%	-0.33%	5.88%	NO MAX
1008	Plainview	133	138	8.88%	6.00%	14.88%	0.00%	14.88%	8.41%	5.37%	13.78%	0.00%	13.78%	-1.10%	13.78%	NO MAX
1010	Plano	2,144	2,200	11.04%	7.07%	18.11%	0.00%	18.11%	11.05%	6.39%	17.44%	0.00%	17.44%	-0.67%	17.44%	NO MAX
1012	Pleasanton	91	94	9.73%	6.91%	16.64%	0.16%	16.80%	9.77%	6.51%	16.28%	0.17%	16.45%	-0.35%	16.45%	NO MAX
1013	Point	7	7	4.53%	2.09%	6.62%	0.00%	6.62%	4.25%	1.59%	5.84%	0.00%	5.84%	-0.78%	5.84%	9.50%
1017	Ponder	9	9	4.48%	0.66%	5.14%	0.26%	5.40%	4.67%	0.62%	5.29%	0.32%	5.61%	0.21%	5.61%	NO MAX

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				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							
1014	Port Aransas	106	107	7.94%	4.58%	12.52%	0.23%	12.75%	7.91%	4.31%	12.22%	0.24%	12.46%	-0.29%	12.46%	12.50%
11016	Port Arthur	541	543	6.50%	7.70%	14.20%	0.25%	14.45%	6.47%	7.14%	13.61%	0.25%	13.86%	-0.59%	13.86%	NO MAX
1018	Port Isabel	84	80	3.49%	0.41%	3.90%	0.17%	4.07%	3.45%	0.20%	3.65%	0.18%	3.83%	-0.24%	3.83%	9.50%
1020	Port Lavaca	89	91	4.29%	1.91%	6.20%	0.25%	6.45%	4.18%	1.50%	5.68%	0.25%	5.93%	-0.52%	5.93%	9.50%
1022	Port Neches	89	91	8.67%	3.25%	11.92%	0.00%	11.92%	8.76%	2.80%	11.56%	0.00%	11.56%	-0.36%	11.56%	NO MAX
1019	Portland	114	113	7.82%	6.69%	14.51%	0.21%	14.72%	7.66%	6.64%	14.30%	0.17%	14.47%	-0.25%	14.47%	NO MAX
1024	Post	15	15	3.67%	5.86%	9.53%	0.44%	9.97%	3.81%	6.27%	10.08%	0.48%	10.56%	0.59%	10.56%	NO MAX
1026	Poteet	20	25	3.02%	-1.86%	1.16%	0.19%	1.35%	2.99%	-2.27%	0.72%	0.25%	0.97%	-0.38%	0.97%	9.50%
1028	Poth	12	12	1.73%	1.39%	3.12%	0.25%	3.37%	2.03%	1.46%	3.49%	0.33%	3.82%	0.45%	3.82%	9.50%
1030	Pottsboro	20	20	5.33%	0.25%	5.58%	0.16%	5.74%	5.32%	0.39%	5.71%	0.15%	5.86%	0.12%	4.99%	13.50%
1032	Premont	21	18	1.05%	-1.05%	0.00%	0.22%	0.22%	1.06%	-1.04%	0.02%	0.25%	0.27%	0.05%	0.27%	7.50%
1029	Presidio	38	41	1.11%	-0.54%	0.57%	0.15%	0.72%	1.08%	-0.64%	0.44%	0.17%	0.61%	-0.11%	0.61%	NO MAX
1033	Primera	19	18	1.03%	-0.83%	0.20%	0.15%	0.35%	1.05%	-0.72%	0.33%	0.17%	0.50%	0.15%	0.50%	7.50%
1034	Princeton	35	44	9.92%	1.41%	11.33%	0.15%	11.48%	9.69%	0.92%	10.61%	0.13%	10.74%	-0.74%	10.28%	13.50%
1036	Prosper	98	107	11.68%	1.71%	13.39%	0.00%	13.39%	11.93%	1.45%	13.38%	0.00%	13.38%	-0.01%	12.37%	13.50%
1042	Quanah	18	17	4.41%	6.97%	11.38%	0.29%	11.67%	4.30%	5.64%	9.94%	0.33%	10.27%	-1.40%	10.27%	NO MAX
1045	Queen City	12	14	2.27%	-0.61%	1.66%	0.20%	1.86%	2.30%	-0.85%	1.45%	0.21%	1.66%	-0.20%	1.66%	7.50%
1044	Quinlan	15	15	8.66%	1.42%	10.08%	0.10%	10.18%	9.05%	1.43%	10.48%	0.11%	10.59%	0.41%	10.25%	12.50%
1047	Quintana	3	2	1.40%	-0.06%	1.34%	0.09%	1.43%	1.54%	-0.21%	1.33%	0.09%	1.42%	-0.01%	1.42%	NO MAX
1046	Quitaque	4	4	1.66%	2.80%	4.46%	0.29%	4.75%	1.66%	2.74%	4.40%	0.32%	4.72%	-0.03%	4.72%	NO MAX
1048	Quitman	20	23	5.97%	2.33%	8.30%	0.18%	8.48%	6.17%	1.93%	8.10%	0.19%	8.29%	-0.19%	8.29%	11.50%
1050	Ralls	10	11	4.90%	2.63%	7.53%	0.38%	7.91%	4.92%	2.30%	7.22%	0.38%	7.60%	-0.31%	7.60%	9.50%
1051	Rancho Viejo	10	10	4.39%	3.23%	7.62%	0.13%	7.75%	4.42%	1.81%	6.23%	0.08%	6.31%	-1.44%	6.31%	11.50%
1052	Ranger	23	28	7.39%	1.05%	8.44%	0.00%	8.44%	8.09%	0.69%	8.78%	0.00%	8.78%	0.34%	8.78%	12.50%
1054	Rankin	4	6	1.46%	-0.17%	1.29%	0.31%	1.60%	1.52%	-0.45%	1.07%	0.27%	1.34%	-0.26%	1.34%	7.50%
1055	Ransom Canyon	11	11	4.62%	9.82%	14.44%	0.19%	14.63%	4.55%	9.85%	14.40%	0.20%	14.60%	-0.03%	14.60%	NO MAX
1058	Raymondville	71	73	3.39%	-2.29%	1.10%	0.27%	1.37%	3.49%	-3.01%	0.48%	0.28%	0.76%	-0.61%	0.76%	15.50%
1061	Red Oak	81	79	4.41%	0.72%	5.13%	0.13%	5.26%	4.61%	0.70%	5.31%	0.13%	5.44%	0.18%	5.44%	12.50%
1062	Redwater	8	8	2.74%	0.71%	3.45%	0.18%	3.63%	2.71%	0.68%	3.39%	0.21%	3.60%	-0.03%	3.60%	NO MAX
1064	Refugio	31	29	0.88%	-0.88%	0.00%	0.00%	0.00%	0.70%	-0.70%	0.00%	0.00%	0.00%	0.00%	0.00%	7.50%
1065	Reklaw	5	5	7.79%	9.82%	17.61%	0.39%	18.00%	7.24%	9.10%	16.34%	0.40%	16.74%	-1.26%	16.74%	NO MAX
1066	Reno (Lamar County)	12	10	5.36%	-2.11%	3.25%	0.09%	3.34%	5.40%	-2.22%	3.18%	0.09%	3.27%	-0.07%	3.27%	11.50%
1069	Reno (Parker County)	14	14	3.26%	-0.58%	2.68%	0.17%	2.85%	3.18%	-0.66%	2.52%	0.26%	2.78%	-0.07%	2.78%	NO MAX

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				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							
1067	Rhome	13	11	6.78%	0.02%	6.80%	0.23%	7.03%	6.44%	-0.31%	6.13%	0.14%	6.27%	-0.76%	5.05%	13.50%
1068	Rice	10	9	1.57%	-0.60%	0.97%	0.21%	1.18%	1.20%	-0.88%	0.32%	0.11%	0.43%	-0.75%	0.43%	7.50%
1070	Richardson	956	964	7.21%	6.59%	13.80%	0.00%	13.80%	7.13%	6.19%	13.32%	0.00%	13.32%	-0.48%	13.32%	NO MAX
1073	Richland Hills	72	73	11.08%	6.62%	17.70%	0.30%	18.00%	10.96%	5.20%	16.16%	0.26%	16.42%	-1.58%	16.42%	NO MAX
1074	Richland Springs	1	1	6.36%	-6.36%	0.00%	1.68%	1.68%	6.37%	-6.37%	0.00%	1.87%	1.87%	0.19%	1.87%	NO MAX
1076	Richmond	142	139	9.29%	4.70%	13.99%	0.16%	14.15%	9.24%	3.97%	13.21%	0.15%	13.36%	-0.79%	13.36%	NO MAX
1077	Richwood	22	19	7.43%	4.55%	11.98%	0.18%	12.16%	7.14%	3.86%	11.00%	0.20%	11.20%	-0.96%	11.20%	NO MAX
1072	Riesel	8	8	1.28%	4.02%	5.30%	0.25%	5.55%	1.35%	4.22%	5.57%	0.30%	5.87%	0.32%	5.87%	NO MAX
1075	Rio Grande City	126	140	5.37%	2.80%	8.17%	0.11%	8.28%	5.40%	1.86%	7.26%	0.12%	7.38%	-0.90%	7.38%	NO MAX
1079	Rio Vista	7	9	2.04%	5.19%	7.23%	0.25%	7.48%	1.94%	3.03%	4.97%	0.24%	5.21%	-2.27%	5.21%	NO MAX
1080	Rising Star	6	7	1.27%	-1.27%	0.00%	0.13%	0.13%	1.62%	-1.62%	0.00%	0.39%	0.39%	0.26%	0.39%	NO MAX
1082	River Oaks	57	56	9.05%	7.25%	16.30%	0.31%	16.61%	9.14%	6.36%	15.50%	0.30%	15.80%	-0.81%	15.80%	NO MAX
1084	Roanoke	117	119	12.31%	3.84%	16.15%	0.00%	16.15%	12.59%	3.93%	16.52%	0.00%	16.52%	0.37%	15.66%	NO MAX
1088	Robert Lee	4	4	1.49%	4.09%	5.58%	0.21%	5.79%	1.47%	4.25%	5.72%	0.22%	5.94%	0.15%	5.94%	NO MAX
1089	Robinson	64	68	8.50%	4.65%	13.15%	0.15%	13.30%	8.73%	4.44%	13.17%	0.16%	13.33%	0.03%	13.33%	13.50%
21090	Robstown	104	117	3.95%	2.27%	6.22%	0.16%	6.38%	3.93%	2.17%	6.10%	0.14%	6.24%	-0.14%	6.24%	9.50%
11090	Robstown Utility Systems	47	46	6.38%	10.74%	17.12%	0.22%	17.34%	6.45%	10.08%	16.53%	0.24%	16.77%	-0.57%	16.77%	NO MAX
1092	Roby	3	4	5.24%	-3.75%	1.49%	0.45%	1.94%	5.05%	-2.97%	2.08%	0.38%	2.46%	0.52%	1.97%	NO MAX
1096	Rockdale	49	47	6.94%	3.00%	9.94%	0.26%	10.20%	6.75%	2.90%	9.65%	0.27%	9.92%	-0.28%	9.92%	11.50%
1098	Rockport	107	118	10.03%	5.88%	15.91%	0.25%	16.16%	9.78%	5.42%	15.20%	0.23%	15.43%	-0.73%	15.43%	NO MAX
1100	Rocksprings	4	8	1.31%	-0.81%	0.50%	0.00%	0.50%	1.86%	-1.86%	0.00%	0.00%	0.00%	-0.50%	0.00%	NO MAX
1102	Rockwall	255	259	11.63%	4.82%	16.45%	0.13%	16.58%	11.72%	4.50%	16.22%	0.14%	16.36%	-0.22%	16.36%	NO MAX
1104	Rogers	11	8	3.36%	2.63%	5.99%	0.00%	5.99%	3.19%	1.16%	4.35%	0.00%	4.35%	-1.64%	4.35%	NO MAX
1105	Rollingwood	15	14	7.73%	-0.17%	7.56%	0.19%	7.75%	7.87%	0.51%	8.38%	0.20%	8.58%	0.83%	8.04%	12.50%
1106	Roma	116	118	6.18%	4.77%	10.95%	0.22%	11.17%	6.11%	4.40%	10.51%	0.22%	10.73%	-0.44%	10.73%	11.50%
1109	Roscoe	5	6	1.74%	-0.21%	1.53%	0.35%	1.88%	1.54%	-0.31%	1.23%	0.33%	1.56%	-0.32%	1.56%	NO MAX
1112	Rosebud	11	12	1.60%	-0.23%	1.37%	0.20%	1.57%	1.57%	-0.23%	1.34%	0.21%	1.55%	-0.02%	1.55%	NO MAX
1114	Rosenberg	226	236	8.21%	5.97%	14.18%	0.14%	14.32%	8.25%	5.23%	13.48%	0.14%	13.62%	-0.70%	13.62%	NO MAX
1116	Rotan	5	4	0.87%	-0.87%	0.00%	0.26%	0.26%	0.92%	-0.92%	0.00%	0.30%	0.30%	0.04%	0.30%	NO MAX
1118	Round Rock	795	826	10.44%	5.30%	15.74%	0.13%	15.87%	10.38%	5.02%	15.40%	0.13%	15.53%	-0.34%	15.53%	NO MAX
1119	Rowlett	332	354	9.34%	3.72%	13.06%	0.00%	13.06%	9.33%	3.09%	12.42%	0.00%	12.42%	-0.64%	12.42%	NO MAX
1120	Royse City	50	55	9.68%	2.33%	12.01%	0.13%	12.14%	10.01%	2.51%	12.52%	0.16%	12.68%	0.54%	11.64%	13.50%
1122	Rule	3	4	4.22%	2.69%	6.91%	0.27%	7.18%	4.33%	3.67%	8.00%	0.17%	8.17%	0.99%	8.17%	11.50%

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				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											
1123	Runaway Bay	14	14	3.70%	-1.56%	2.14%	0.32%	2.46%	3.59%	-1.39%	2.20%	0.33%	2.53%	0.07%	2.43%	9.50%
1124	Runge	6	6	4.84%	10.06%	14.90%	0.46%	15.36%	4.85%	10.11%	14.96%	0.53%	15.49%	0.13%	15.49%	NO MAX
1126	Rusk	37	37	5.83%	-0.23%	5.60%	0.13%	5.73%	5.83%	-0.14%	5.69%	0.14%	5.83%	0.10%	5.59%	10.50%
1128	Sabinal	16	16	2.96%	-0.14%	2.82%	0.32%	3.14%	2.99%	-0.31%	2.68%	0.34%	3.02%	-0.12%	3.02%	9.50%
1129	Sachse	129	130	10.05%	3.17%	13.22%	0.15%	13.37%	10.40%	3.02%	13.42%	0.15%	13.57%	0.20%	13.18%	13.50%
1131	Saginaw	135	139	9.73%	8.46%	18.19%	0.15%	18.34%	9.79%	8.06%	17.85%	0.15%	18.00%	-0.34%	18.00%	NO MAX
1130	Saint Jo	7	8	6.24%	-0.18%	6.06%	0.26%	6.32%	5.70%	-0.15%	5.55%	0.23%	5.78%	-0.54%	4.53%	10.50%
1133	Salado	8	13	6.75%	0.32%	7.07%	0.22%	7.29%	6.74%	0.24%	6.98%	0.20%	7.18%	-0.11%	6.43%	NO MAX
1132	San Angelo	691	665	8.05%	9.65%	17.70%	0.00%	17.70%	8.07%	9.02%	17.09%	0.00%	17.09%	-0.61%	17.09%	NO MAX
21136	San Antonio	6,146	6,266	6.25%	4.51%	10.76%	0.00%	10.76%	6.21%	4.15%	10.36%	0.00%	10.36%	-0.40%	10.36%	NO MAX
11136	San Antonio Water System	1,617	1,648	1.99%	1.82%	3.81%	0.00%	3.81%	1.99%	1.70%	3.69%	0.00%	3.69%	-0.12%	3.69%	5.50%
1138	San Augustine	35	27	6.60%	4.65%	11.25%	0.25%	11.50%	7.23%	2.96%	10.19%	0.22%	10.41%	-1.09%	10.41%	13.50%
1140	San Benito	164	168	3.36%	1.75%	5.11%	0.20%	5.31%	3.34%	1.56%	4.90%	0.19%	5.09%	-0.22%	5.09%	11.50%
1144	San Felipe	4	4	1.24%	3.40%	4.64%	0.14%	4.78%	1.27%	2.30%	3.57%	0.15%	3.72%	-1.06%	3.72%	NO MAX
1148	San Juan	214	210	2.17%	-0.25%	1.92%	0.14%	2.06%	2.22%	-0.46%	1.76%	0.14%	1.90%	-0.16%	1.90%	10.50%
1150	San Marcos	550	555	9.79%	8.40%	18.19%	0.16%	18.35%	9.71%	7.78%	17.49%	0.16%	17.65%	-0.70%	17.65%	NO MAX
1152	San Saba	48	48	5.48%	2.63%	8.11%	0.23%	8.34%	5.37%	2.68%	8.05%	0.21%	8.26%	-0.08%	8.26%	10.50%
1146	Sanger	65	64	5.35%	1.74%	7.09%	0.12%	7.21%	5.35%	1.78%	7.13%	0.13%	7.26%	0.05%	7.26%	12.50%
1153	Sansom Park	36	35	6.47%	-0.42%	6.05%	0.13%	6.18%	6.61%	-0.43%	6.18%	0.13%	6.31%	0.13%	4.48%	11.50%
1155	Santa Fe	65	66	6.58%	6.03%	12.61%	0.00%	12.61%	6.73%	5.58%	12.31%	0.00%	12.31%	-0.30%	12.31%	NO MAX
1158	Savoy	4	5	4.73%	-2.97%	1.76%	0.28%	2.04%	4.11%	-3.28%	0.83%	0.21%	1.04%	-1.00%	1.04%	10.50%
1159	Schertz	306	302	10.55%	5.70%	16.25%	0.14%	16.39%	10.41%	5.53%	15.94%	0.12%	16.06%	-0.33%	16.06%	NO MAX
1160	Schulenburg	38	36	9.80%	11.06%	20.86%	0.22%	21.08%	9.83%	11.49%	21.32%	0.23%	21.55%	0.47%	21.55%	NO MAX
1161	Seabrook	95	86	8.80%	5.22%	14.02%	0.17%	14.19%	8.66%	5.06%	13.72%	0.17%	13.89%	-0.30%	13.89%	NO MAX
1162	Seadrift	9	9	1.02%	2.76%	3.78%	0.15%	3.93%	1.02%	2.92%	3.94%	0.16%	4.10%	0.17%	4.10%	NO MAX
1164	Seagoville	88	92	7.44%	2.27%	9.71%	0.17%	9.88%	7.36%	2.17%	9.53%	0.17%	9.70%	-0.18%	9.70%	13.50%
1166	Seagraves	15	18	6.54%	4.50%	11.04%	0.40%	11.44%	6.95%	3.14%	10.09%	0.36%	10.45%	-0.99%	10.45%	NO MAX
1167	Sealy	48	52	9.85%	5.77%	15.62%	0.14%	15.76%	9.55%	5.48%	15.03%	0.19%	15.22%	-0.54%	15.22%	NO MAX
1168	Seguin	317	334	7.75%	7.76%	15.51%	0.19%	15.70%	7.67%	7.58%	15.25%	0.19%	15.44%	-0.26%	15.44%	NO MAX
1169	Selma	83	84	11.48%	3.35%	14.83%	0.13%	14.96%	11.58%	3.46%	15.04%	0.13%	15.17%	0.21%	14.84%	NO MAX
1170	Seminole	54	55	7.76%	5.90%	13.66%	0.23%	13.89%	7.63%	5.90%	13.53%	0.24%	13.77%	-0.12%	13.77%	NO MAX
1171	Seven Points	21	18	8.11%	-1.73%	6.38%	0.18%	6.56%	7.66%	-1.90%	5.76%	0.16%	5.92%	-0.64%	4.03%	13.50%
1172	Seymour	30	30	3.22%	4.41%	7.63%	0.34%	7.97%	3.14%	4.22%	7.36%	0.35%	7.71%	-0.26%	7.71%	8.50%

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CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
1165	Shady Shores	1	2	0.83%	-0.52%	0.31%	0.02%	0.33%	1.80%	-0.70%	1.10%	0.06%	1.16%	0.83%	1.16%	NO MAX
1177	Shallowater	12	15	3.24%	-0.35%	2.89%	0.19%	3.08%	3.24%	-0.40%	2.84%	0.19%	3.03%	-0.05%	3.03%	9.50%
1174	Shamrock	20	23	2.94%	5.77%	8.71%	0.50%	9.21%	2.95%	5.11%	8.06%	0.48%	8.54%	-0.67%	8.54%	NO MAX
1173	Shavano Park	47	48	11.53%	2.08%	13.61%	0.13%	13.74%	11.38%	2.01%	13.39%	0.13%	13.52%	-0.22%	11.63%	13.50%
1175	Shenandoah	46	48	11.71%	6.02%	17.73%	0.13%	17.86%	11.51%	5.93%	17.44%	0.14%	17.58%	-0.28%	16.12%	NO MAX
1181	Shepherd	9	9	4.78%	-2.54%	2.24%	0.16%	2.40%	4.78%	-2.46%	2.32%	0.17%	2.49%	0.09%	2.49%	11.50%
1176	Sherman	390	387	8.37%	5.39%	13.76%	0.20%	13.96%	8.30%	4.99%	13.29%	0.20%	13.49%	-0.47%	13.49%	NO MAX
1178	Shiner	26	28	3.23%	4.17%	7.40%	0.31%	7.71%	3.23%	3.99%	7.22%	0.32%	7.54%	-0.17%	7.54%	NO MAX
1179	Shoreacres	13	14	5.61%	-0.17%	5.44%	0.17%	5.61%	5.50%	-0.30%	5.20%	0.18%	5.38%	-0.23%	5.38%	9.50%
1180	Silsbee	61	60	8.85%	8.92%	17.77%	0.00%	17.77%	8.74%	8.64%	17.38%	0.00%	17.38%	-0.39%	17.38%	NO MAX
1182	Silverton	2	3	6.20%	-1.55%	4.65%	0.41%	5.06%	4.86%	-3.65%	1.21%	0.29%	1.50%	-3.56%	1.50%	NO MAX
1184	Sinton	49	59	7.31%	5.33%	12.64%	0.21%	12.85%	7.45%	4.95%	12.40%	0.21%	12.61%	-0.24%	12.61%	NO MAX
1185	Skellytown	3	5	3.26%	-3.26%	0.00%	0.15%	0.15%	3.43%	-2.67%	0.76%	0.16%	0.92%	0.77%	0.92%	9.50%
1186	Slaton	47	47	5.99%	0.60%	6.59%	0.33%	6.92%	5.85%	0.16%	6.01%	0.32%	6.33%	-0.59%	6.33%	12.50%
1188	Smithville	57	61	4.54%	2.22%	6.76%	0.24%	7.00%	4.39%	1.56%	5.95%	0.23%	6.18%	-0.82%	6.18%	9.50%
1189	Smyer	2	2	4.79%	2.58%	7.37%	0.14%	7.51%	4.78%	3.22%	8.00%	0.15%	8.15%	0.64%	8.15%	13.50%
1190	Snyder	85	85	9.42%	7.06%	16.48%	0.22%	16.70%	9.29%	6.82%	16.11%	0.23%	16.34%	-0.36%	16.34%	NO MAX
1191	Somerset	8	7	2.56%	0.29%	2.85%	0.31%	3.16%	2.57%	0.33%	2.90%	0.34%	3.24%	0.08%	3.24%	9.50%
1192	Somerville	14	17	5.21%	0.47%	5.68%	0.32%	6.00%	5.16%	0.24%	5.40%	0.26%	5.66%	-0.34%	5.66%	9.50%
1194	Sonora	33	33	6.60%	2.43%	9.03%	0.18%	9.21%	6.85%	2.01%	8.86%	0.23%	9.09%	-0.12%	9.09%	NO MAX
1196	Sour Lake	10	13	1.18%	-1.18%	0.00%	0.31%	0.31%	1.12%	-1.12%	0.00%	0.29%	0.29%	-0.02%	0.29%	7.50%
1198	South Houston	108	108	6.10%	5.95%	12.05%	0.23%	12.28%	6.06%	4.88%	10.94%	0.23%	11.17%	-1.11%	11.17%	NO MAX
1199	South Padre Island	162	163	10.76%	1.88%	12.64%	0.15%	12.79%	10.83%	1.63%	12.46%	0.17%	12.63%	-0.16%	12.63%	13.50%
1197	Southlake	302	315	8.94%	3.11%	12.05%	0.12%	12.17%	9.02%	2.48%	11.50%	0.12%	11.62%	-0.55%	11.62%	13.50%
1202	Southside Place	18	20	7.73%	3.80%	11.53%	0.17%	11.70%	7.90%	2.72%	10.62%	0.19%	10.81%	-0.89%	10.81%	NO MAX
1204	Spearman	23	23	8.57%	4.52%	13.09%	0.19%	13.28%	8.54%	4.06%	12.60%	0.22%	12.82%	-0.46%	12.28%	13.50%
1205	Spring Valley Village	36	37	5.83%	0.75%	6.58%	0.24%	6.82%	5.69%	0.38%	6.07%	0.22%	6.29%	-0.53%	6.29%	NO MAX
1203	Springtown	39	42	9.77%	0.75%	10.52%	0.16%	10.68%	9.84%	0.13%	9.97%	0.17%	10.14%	-0.54%	9.67%	13.50%
1206	Spur	10	10	2.57%	2.62%	5.19%	0.17%	5.36%	2.48%	2.65%	5.13%	0.18%	5.31%	-0.05%	5.31%	NO MAX
1207	Stafford	127	137	10.42%	4.56%	14.98%	0.20%	15.18%	10.48%	4.03%	14.51%	0.20%	14.71%	-0.47%	14.71%	NO MAX
1208	Stamford	27	25	5.41%	0.85%	6.26%	0.37%	6.63%	5.30%	-0.29%	5.01%	0.38%	5.39%	-1.24%	5.39%	9.50%
1210	Stanton	16	17	4.37%	3.52%	7.89%	0.23%	8.12%	4.49%	3.08%	7.57%	0.25%	7.82%	-0.30%	7.82%	9.50%
1211	Star Harbor	5	6	7.33%	2.94%	10.27%	0.27%	10.54%	7.69%	1.58%	9.27%	0.31%	9.58%	-0.96%	9.58%	NO MAX

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members		2015 RATES					2016 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							
1212	Stephenville	143	142	8.93%	5.60%	14.53%	0.19%	14.72%	8.92%	5.27%	14.19%	0.20%	14.39%	-0.33%	14.39%	NO MAX
1213	Sterling City	6	5	0.90%	-0.61%	0.29%	0.00%	0.29%	1.03%	-0.64%	0.39%	0.00%	0.39%	0.10%	0.39%	7.50%
1214	Stinnett	10	13	2.30%	-2.30%	0.00%	0.27%	0.27%	2.58%	-2.58%	0.00%	0.25%	0.25%	-0.02%	0.25%	9.50%
1216	Stockdale	N/A	7	1.79%	2.17%	3.96%	0.47%	4.43%	1.77%	2.32%	4.09%	0.50%	4.59%	0.16%	4.59%	NO MAX
1218	Stratford	12	12	5.19%	2.42%	7.61%	0.14%	7.75%	5.55%	1.75%	7.30%	0.20%	7.50%	-0.25%	7.50%	NO MAX
1224	Sudan	7	7	0.83%	2.14%	2.97%	0.00%	2.97%	0.79%	2.12%	2.91%	0.00%	2.91%	-0.06%	2.91%	7.50%
1225	Sugar Land	639	655	11.00%	4.11%	15.11%	0.14%	15.25%	10.92%	3.79%	14.71%	0.14%	14.85%	-0.40%	14.85%	NO MAX
1226	Sulphur Springs	138	139	4.47%	1.73%	6.20%	0.19%	6.39%	4.49%	0.88%	5.37%	0.20%	5.57%	-0.82%	5.57%	NO MAX
1228	Sundown	17	15	7.98%	2.99%	10.97%	0.21%	11.18%	6.56%	3.45%	10.01%	0.25%	10.26%	-0.92%	10.26%	NO MAX
1229	Sunnyvale	28	31	8.82%	3.97%	12.79%	0.15%	12.94%	9.46%	2.73%	12.19%	0.16%	12.35%	-0.59%	12.30%	NO MAX
1230	Sunray	11	13	9.42%	10.64%	20.06%	0.32%	20.38%	9.07%	9.86%	18.93%	0.29%	19.22%	-1.16%	19.22%	NO MAX
1227	Sunrise Beach Village	10	10	1.73%	-0.13%	1.60%	0.17%	1.77%	1.29%	-0.31%	0.98%	0.15%	1.13%	-0.64%	1.13%	7.50%
1231	Sunset Valley	28	28	9.34%	1.88%	11.22%	0.12%	11.34%	9.15%	2.05%	11.20%	0.11%	11.31%	-0.03%	10.40%	13.50%
1233	Surfside Beach	19	21	1.72%	-0.96%	0.76%	0.22%	0.98%	1.67%	-1.01%	0.66%	0.19%	0.85%	-0.13%	0.85%	7.50%
1232	Sweeny	21	19	8.72%	9.14%	17.86%	0.29%	18.15%	9.03%	8.23%	17.26%	0.29%	17.55%	-0.60%	17.55%	NO MAX
1234	Sweetwater	103	106	8.73%	10.46%	19.19%	0.23%	19.42%	8.71%	9.44%	18.15%	0.27%	18.42%	-1.00%	18.42%	NO MAX
1264	TMRS	86	88	11.05%	5.95%	17.00%	0.16%	17.16%	10.99%	5.76%	16.75%	0.16%	16.91%	-0.25%	16.91%	NO MAX
1236	Taft	42	29	8.46%	2.81%	11.27%	0.40%	11.67%	8.67%	3.28%	11.95%	0.28%	12.23%	0.56%	12.23%	13.50%
1238	Tahoka	17	17	3.58%	-3.58%	0.00%	0.30%	0.30%	3.35%	-3.35%	0.00%	0.24%	0.24%	-0.06%	0.24%	11.50%
1241	Tatum	9	12	1.11%	0.86%	1.97%	0.15%	2.12%	1.39%	0.70%	2.09%	0.26%	2.35%	0.23%	2.35%	7.50%
1246	Taylor	140	135	7.18%	5.38%	12.56%	0.21%	12.77%	7.21%	4.99%	12.20%	0.23%	12.43%	-0.34%	12.43%	NO MAX
1248	Teague	25	23	9.62%	2.78%	12.40%	0.36%	12.76%	9.78%	2.28%	12.06%	0.42%	12.48%	-0.28%	12.18%	13.50%
1252	Temple	615	638	9.67%	7.06%	16.73%	0.20%	16.93%	9.48%	6.37%	15.85%	0.20%	16.05%	-0.88%	16.05%	NO MAX
1254	Tenaha	10	10	1.37%	-0.77%	0.60%	0.23%	0.83%	1.15%	-0.64%	0.51%	0.10%	0.61%	-0.22%	0.61%	7.50%
1256	Terrell	155	165	10.36%	7.05%	17.41%	0.18%	17.59%	10.38%	6.77%	17.15%	0.20%	17.35%	-0.24%	17.35%	NO MAX
1258	Terrell Hills	48	49	8.19%	4.74%	12.93%	0.14%	13.07%	8.25%	4.41%	12.66%	0.14%	12.80%	-0.27%	12.80%	NO MAX
31263	Tex Municipal League IEBP	124	126	3.78%	0.26%	4.04%	0.21%	4.25%	3.74%	0.22%	3.96%	0.22%	4.18%	-0.07%	4.18%	12.50%
21263	Tex Municipal League IRP	236	234	9.63%	3.39%	13.02%	0.20%	13.22%	9.53%	-0.17%	9.36%	0.20%	9.56%	-3.66%	9.56%	NO MAX
21260	Texarkana	220	212	9.55%	6.27%	15.82%	0.00%	15.82%	9.50%	5.98%	15.48%	0.00%	15.48%	-0.34%	15.48%	NO MAX
11260	Texarkana Police Dept	92	88	10.55%	6.83%	17.38%	0.00%	17.38%	10.46%	6.30%	16.76%	0.00%	16.76%	-0.62%	16.76%	NO MAX
31260	Texarkana Water Utilities	157	159	8.55%	8.16%	16.71%	0.00%	16.71%	8.53%	7.30%	15.83%	0.00%	15.83%	-0.88%	15.83%	NO MAX
1262	Texas City	413	410	8.76%	8.83%	17.59%	0.00%	17.59%	8.76%	7.91%	16.67%	0.00%	16.67%	-0.92%	16.67%	NO MAX
11263	Texas Municipal League	28	30	7.78%	7.71%	15.49%	0.17%	15.66%	7.34%	8.29%	15.63%	0.17%	15.80%	0.14%	15.80%	NO MAX

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				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											
1265	Texhoma	1	1	1.58%	-1.58%	0.00%	0.59%	0.59%	1.58%	-1.58%	0.00%	0.63%	0.63%	0.04%	0.63%	7.50%
1267	The Colony	285	284	9.18%	3.30%	12.48%	0.15%	12.63%	9.24%	2.82%	12.06%	0.16%	12.22%	-0.41%	12.22%	NO MAX
1269	Thompsons	3	3	1.73%	1.14%	2.87%	0.21%	3.08%	1.74%	1.10%	2.84%	0.23%	3.07%	-0.01%	3.07%	NO MAX
1268	Thorndale	9	8	5.61%	1.23%	6.84%	0.23%	7.07%	5.61%	0.09%	5.70%	0.27%	5.97%	-1.10%	5.97%	9.50%
1272	Thrall	N/A	5	1.59%	4.28%	5.87%	0.31%	6.18%	1.62%	3.91%	5.53%	0.32%	5.85%	-0.33%	5.85%	NO MAX
1274	Three Rivers	45	45	2.80%	2.39%	5.19%	0.24%	5.43%	2.73%	2.41%	5.14%	0.24%	5.38%	-0.05%	5.38%	7.50%
1276	Throckmorton	4	5	6.05%	1.68%	7.73%	0.22%	7.95%	5.53%	1.01%	6.54%	0.16%	6.70%	-1.25%	6.70%	9.50%
1277	Tiki Island	7	6	1.72%	0.98%	2.70%	0.29%	2.99%	1.87%	0.75%	2.62%	0.34%	2.96%	-0.03%	2.96%	NO MAX
1278	Timpson	12	12	2.14%	0.37%	2.51%	0.22%	2.73%	2.12%	0.10%	2.22%	0.13%	2.35%	-0.38%	2.35%	7.50%
1280	Tioga	7	7	1.31%	-0.94%	0.37%	0.13%	0.50%	1.34%	-0.84%	0.50%	0.14%	0.64%	0.14%	0.64%	7.50%
1283	Tolar	3	5	7.31%	0.38%	7.69%	0.18%	7.87%	7.11%	0.26%	7.37%	0.17%	7.54%	-0.33%	6.95%	NO MAX
1286	Tom Bean	8	8	1.78%	0.26%	2.04%	0.30%	2.34%	1.82%	0.18%	2.00%	0.21%	2.21%	-0.13%	2.21%	7.50%
1284	Tomball	150	153	9.94%	3.60%	13.54%	0.18%	13.72%	9.78%	3.52%	13.30%	0.19%	13.49%	-0.23%	13.49%	NO MAX
1290	Trent	2	2	4.83%	1.74%	6.57%	0.44%	7.01%	4.83%	2.04%	6.87%	0.46%	7.33%	0.32%	7.33%	11.50%
1292	Trenton	5	5	4.32%	-0.50%	3.82%	0.30%	4.12%	4.32%	-0.58%	3.74%	0.30%	4.04%	-0.08%	3.99%	9.50%
1293	Trinidad	8	7	1.41%	2.60%	4.01%	0.33%	4.34%	1.31%	2.41%	3.72%	0.36%	4.08%	-0.26%	4.08%	7.50%
1294	Trinity	31	28	5.78%	1.23%	7.01%	0.20%	7.21%	5.53%	1.11%	6.64%	0.25%	6.89%	-0.32%	6.30%	11.50%
1295	Trophy Club	70	72	10.08%	3.46%	13.54%	0.12%	13.66%	9.54%	3.09%	12.63%	0.12%	12.75%	-0.91%	12.75%	NO MAX
1296	Troup	22	21	4.52%	0.91%	5.43%	0.19%	5.62%	4.69%	0.97%	5.66%	0.23%	5.89%	0.27%	5.04%	9.50%
1297	Troy	10	10	6.92%	2.18%	9.10%	0.46%	9.56%	7.40%	1.78%	9.18%	0.41%	9.59%	0.03%	9.59%	12.50%
1298	Tulia	36	35	7.91%	5.18%	13.09%	0.25%	13.34%	7.74%	3.88%	11.62%	0.26%	11.88%	-1.46%	11.88%	NO MAX
1299	Turkey	3	3	1.97%	3.89%	5.86%	0.27%	6.13%	2.00%	3.19%	5.19%	0.28%	5.47%	-0.66%	5.47%	NO MAX
1301	Tye	11	11	4.20%	1.94%	6.14%	0.15%	6.29%	4.43%	2.13%	6.56%	0.18%	6.74%	0.45%	6.74%	NO MAX
1304	Tyler	632	652	8.72%	12.76%	21.48%	0.21%	21.69%	8.43%	12.20%	20.63%	0.22%	20.85%	-0.84%	20.85%	NO MAX
1305	Universal City	124	123	9.89%	8.90%	18.79%	0.18%	18.97%	9.82%	8.63%	18.45%	0.19%	18.64%	-0.33%	18.64%	NO MAX
1306	University Park	205	207	5.34%	0.85%	6.19%	0.00%	6.19%	5.28%	0.27%	5.55%	0.00%	5.55%	-0.64%	5.55%	NO MAX
1308	Uvalde	150	157	4.32%	2.09%	6.41%	0.21%	6.62%	4.27%	1.69%	5.96%	0.18%	6.14%	-0.48%	6.14%	9.50%
1313	Valley View	N/A	4	1.38%	0.96%	2.34%	0.11%	2.45%	1.37%	0.97%	2.34%	0.13%	2.47%	0.02%	2.47%	NO MAX
1314	Van	22	23	6.62%	0.06%	6.68%	0.19%	6.87%	7.07%	0.50%	7.57%	0.22%	7.79%	0.92%	7.79%	12.50%
1316	Van Alstyne	31	32	7.84%	2.52%	10.36%	0.10%	10.46%	7.96%	2.54%	10.50%	0.11%	10.61%	0.15%	9.63%	12.50%
1318	Van Horn	25	23	4.38%	4.20%	8.58%	0.18%	8.76%	4.28%	3.37%	7.65%	0.17%	7.82%	-0.94%	7.82%	9.50%
1320	Vega	6	6	10.69%	12.02%	22.71%	0.25%	22.96%	10.08%	11.19%	21.27%	0.18%	21.45%	-1.51%	21.45%	NO MAX
1324	Venus	14	14	10.28%	1.00%	11.28%	0.00%	11.28%	9.57%	1.48%	11.05%	0.00%	11.05%	-0.23%	9.49%	13.50%

**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEAR    THIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
1326	Vernon	104	98	8.36%	10.18%	18.54%	0.27%	18.81%	8.34%	9.46%	17.80%	0.26%	18.06%	-0.75%	18.06%	NO MAX
1328	Victoria	554	569	7.26%	10.10%	17.36%	0.19%	17.55%	7.22%	9.46%	16.68%	0.18%	16.86%	-0.69%	16.86%	NO MAX
1329	Vidor	66	70	9.04%	7.44%	16.48%	0.19%	16.67%	8.98%	6.57%	15.55%	0.19%	15.74%	-0.93%	15.74%	NO MAX
1500	Village Fire Department	48	46	2.91%	4.12%	7.03%	0.13%	7.16%	3.02%	3.68%	6.70%	0.13%	6.83%	-0.33%	6.83%	NO MAX
1331	Volente	2	1	6.56%	2.04%	8.60%	0.44%	9.04%	6.56%	-0.44%	6.12%	0.48%	6.60%	-2.44%	6.60%	NO MAX
1330	Waco	1,504	1,513	6.84%	6.31%	13.15%	0.00%	13.15%	6.85%	6.11%	12.96%	0.00%	12.96%	-0.19%	12.96%	NO MAX
1332	Waelder	17	15	1.73%	0.11%	1.84%	0.19%	2.03%	1.78%	0.07%	1.85%	0.23%	2.08%	0.05%	2.08%	7.50%
1334	Wake Village	26	28	9.63%	3.77%	13.40%	0.30%	13.70%	9.63%	3.77%	13.40%	0.32%	13.72%	0.02%	12.54%	13.50%
1336	Waller	27	28	3.92%	0.33%	4.25%	0.28%	4.53%	3.90%	0.02%	3.92%	0.31%	4.23%	-0.30%	4.23%	9.50%
1337	Wallis	8	9	2.79%	0.15%	2.94%	0.20%	3.14%	2.66%	-0.31%	2.35%	0.19%	2.54%	-0.60%	2.54%	8.50%
1338	Walnut Springs	2	2	1.59%	0.54%	2.13%	0.26%	2.39%	1.58%	0.43%	2.01%	0.29%	2.30%	-0.09%	2.30%	NO MAX
1340	Waskom	17	16	3.10%	2.94%	6.04%	0.17%	6.21%	3.14%	3.26%	6.40%	0.17%	6.57%	0.36%	6.57%	7.50%
1341	Watauga	179	169	8.85%	4.50%	13.35%	0.14%	13.49%	8.92%	4.24%	13.16%	0.16%	13.32%	-0.17%	13.32%	13.50%
1342	Waxahachie	220	221	9.27%	6.74%	16.01%	0.20%	16.21%	9.05%	5.78%	14.83%	0.18%	15.01%	-1.20%	15.01%	NO MAX
1344	Weatherford	347	345	8.99%	4.63%	13.62%	0.17%	13.79%	8.97%	3.88%	12.85%	0.18%	13.03%	-0.76%	13.03%	NO MAX
1345	Webster	174	170	11.49%	5.60%	17.09%	0.19%	17.28%	11.75%	5.22%	16.97%	0.19%	17.16%	-0.12%	17.16%	NO MAX
1346	Weimar	26	26	8.26%	9.28%	17.54%	0.36%	17.90%	8.26%	9.10%	17.36%	0.39%	17.75%	-0.15%	17.75%	NO MAX
1350	Wellington	13	13	4.82%	-1.73%	3.09%	0.47%	3.56%	4.90%	-2.14%	2.76%	0.49%	3.25%	-0.31%	3.25%	NO MAX
1352	Wells	2	2	3.32%	1.09%	4.41%	0.00%	4.41%	3.47%	0.26%	3.73%	0.00%	3.73%	-0.68%	3.73%	7.50%
1354	Weslaco	219	207	4.53%	1.90%	6.43%	0.16%	6.59%	4.40%	1.57%	5.97%	0.17%	6.14%	-0.45%	6.14%	NO MAX
1356	West	19	20	3.33%	-0.69%	2.64%	0.28%	2.92%	3.38%	-1.23%	2.15%	0.26%	2.41%	-0.51%	2.41%	9.50%
1358	West Columbia	34	33	4.84%	-1.85%	2.99%	0.00%	2.99%	5.02%	-2.58%	2.44%	0.00%	2.44%	-0.55%	2.44%	11.50%
1359	West Lake Hills	28	29	11.89%	4.29%	16.18%	0.29%	16.47%	11.94%	4.53%	16.47%	0.28%	16.75%	0.28%	16.05%	NO MAX
1361	West Orange	23	23	9.61%	9.92%	19.53%	0.00%	19.53%	9.61%	10.61%	20.22%	0.00%	20.22%	0.69%	20.22%	NO MAX
1365	West Tawakoni	12	13	5.04%	5.76%	10.80%	0.29%	11.09%	5.01%	5.53%	10.54%	0.30%	10.84%	-0.25%	10.84%	NO MAX
1364	West Univ. Place	113	108	8.68%	3.24%	11.92%	0.17%	12.09%	9.16%	3.67%	12.83%	0.18%	13.01%	0.92%	12.07%	NO MAX
1363	Westlake	24	30	8.91%	1.86%	10.77%	0.15%	10.92%	9.14%	2.24%	11.38%	0.15%	11.53%	0.61%	10.52%	NO MAX
1362	Westover Hills	20	21	1.46%	0.15%	1.61%	0.30%	1.91%	1.17%	0.08%	1.25%	0.26%	1.51%	-0.40%	1.51%	7.50%
1366	Westworth Village	46	55	9.66%	1.48%	11.14%	0.17%	11.31%	9.35%	1.57%	10.92%	0.18%	11.10%	-0.21%	9.15%	13.50%
1368	Wharton	93	95	4.75%	1.86%	6.61%	0.21%	6.82%	4.67%	1.38%	6.05%	0.20%	6.25%	-0.57%	6.25%	9.50%
1370	Wheeler	5	7	7.38%	3.78%	11.16%	0.31%	11.47%	6.71%	1.72%	8.43%	0.25%	8.68%	-2.79%	8.68%	NO MAX
1372	White Deer	6	6	3.20%	3.71%	6.91%	0.41%	7.32%	3.18%	3.91%	7.09%	0.46%	7.55%	0.23%	7.55%	7.50%
1377	White Oak	46	45	11.42%	4.25%	15.67%	0.17%	15.84%	11.45%	3.63%	15.08%	0.18%	15.26%	-0.58%	14.88%	NO MAX



**SECTION 2**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION RESULTS AS OF DECEMBER 31, 2014**

CITY NUMBER	CITY NAME	Contributing Members  LAST YEARTHIS YEAR		2015 RATES					2016 RATES					GRAND TOTAL CHANGE	GRAND TOTAL WITH PHASE-IN	MAX RATE (RET ONLY)
				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											
1378	White Settlement	118	117	6.62%	4.18%	10.80%	0.22%	11.02%	6.64%	3.88%	10.52%	0.23%	10.75%	-0.27%	10.75%	11.50%
1374	Whiteface	3	3	5.71%	-2.83%	2.88%	0.33%	3.21%	5.70%	-3.48%	2.22%	0.37%	2.59%	-0.62%	2.59%	NO MAX
1375	Whitehouse	38	37	4.55%	0.64%	5.19%	0.17%	5.36%	4.53%	0.58%	5.11%	0.16%	5.27%	-0.09%	5.27%	9.50%
1376	Whitesboro	47	47	4.72%	2.63%	7.35%	0.19%	7.54%	4.64%	2.26%	6.90%	0.21%	7.11%	-0.43%	7.11%	9.50%
1380	Whitewright	20	20	3.97%	0.22%	4.19%	0.17%	4.36%	4.20%	0.15%	4.35%	0.16%	4.51%	0.15%	4.19%	9.50%
1382	Whitney	17	18	3.32%	0.82%	4.14%	0.14%	4.28%	3.31%	0.77%	4.08%	0.15%	4.23%	-0.05%	4.23%	7.50%
1384	Wichita Falls	1,014	1,005	4.92%	7.60%	12.52%	0.00%	12.52%	4.87%	7.05%	11.92%	0.00%	11.92%	-0.60%	11.92%	NO MAX
1386	Willis	34	41	7.10%	2.34%	9.44%	0.15%	9.59%	7.34%	1.82%	9.16%	0.14%	9.30%	-0.29%	9.30%	13.50%
1387	Willow Park	34	42	6.03%	1.10%	7.13%	0.13%	7.26%	5.83%	0.77%	6.60%	0.11%	6.71%	-0.55%	6.71%	NO MAX
1388	Wills Point	30	28	5.93%	5.21%	11.14%	0.19%	11.33%	6.02%	4.90%	10.92%	0.20%	11.12%	-0.21%	11.12%	NO MAX
1390	Wilmer	38	38	3.24%	-0.91%	2.33%	0.12%	2.45%	3.11%	-1.19%	1.92%	0.11%	2.03%	-0.42%	2.03%	11.50%
1392	Wimberley	8	8	2.12%	0.08%	2.20%	0.24%	2.44%	1.96%	0.15%	2.11%	0.24%	2.35%	-0.09%	2.35%	NO MAX
1393	Windcrest	56	59	5.91%	1.17%	7.08%	0.16%	7.24%	6.20%	1.05%	7.25%	0.19%	7.44%	0.20%	7.43%	10.50%
1395	Winfield	7	6	1.45%	0.20%	1.65%	0.09%	1.74%	1.52%	0.27%	1.79%	0.11%	1.90%	0.16%	1.90%	NO MAX
1396	Wink	5	8	7.11%	-1.30%	5.81%	0.31%	6.12%	6.32%	-0.90%	5.42%	0.27%	5.69%	-0.43%	5.11%	NO MAX
1398	Winnsboro	37	36	6.35%	4.34%	10.69%	0.26%	10.95%	6.40%	3.48%	9.88%	0.25%	10.13%	-0.82%	10.13%	11.50%
1399	Winona	10	4	9.34%	2.54%	11.88%	0.12%	12.00%	10.02%	-2.67%	7.35%	0.16%	7.51%	-4.49%	7.51%	13.50%
1400	Winters	15	16	6.64%	2.90%	9.54%	0.35%	9.89%	6.53%	2.65%	9.18%	0.33%	9.51%	-0.38%	9.51%	11.50%
1403	Wolfforth	26	25	6.51%	4.34%	10.85%	0.14%	10.99%	6.47%	4.58%	11.05%	0.15%	11.20%	0.21%	11.20%	11.50%
1409	Woodcreek	3	3	3.26%	-0.29%	2.97%	0.72%	3.69%	3.05%	-0.13%	2.92%	0.28%	3.20%	-0.49%	3.20%	NO MAX
1404	Woodsboro	9	10	3.37%	-3.17%	0.20%	0.18%	0.38%	3.21%	-3.21%	0.00%	0.10%	0.10%	-0.28%	0.10%	7.50%
1406	Woodville	31	31	8.67%	6.99%	15.66%	0.20%	15.86%	8.49%	7.13%	15.62%	0.21%	15.83%	-0.03%	15.83%	NO MAX
1407	Woodway	76	76	8.69%	7.28%	15.97%	0.15%	16.12%	8.48%	7.20%	15.68%	0.15%	15.83%	-0.29%	15.83%	NO MAX
1408	Wortham	8	8	5.97%	-1.47%	4.50%	0.10%	4.60%	6.01%	-1.39%	4.62%	0.10%	4.72%	0.12%	4.72%	12.50%
1410	Wylie	250	255	10.57%	4.18%	14.75%	0.12%	14.87%	10.56%	4.19%	14.75%	0.12%	14.87%	0.00%	14.57%	NO MAX
1412	Yoakum	83	81	7.59%	8.14%	15.73%	0.27%	16.00%	7.41%	7.67%	15.08%	0.26%	15.34%	-0.66%	15.34%	NO MAX
1414	Yorktown	15	15	1.24%	-0.50%	0.74%	0.37%	1.11%	1.15%	-0.45%	0.70%	0.35%	1.05%	-0.06%	1.05%	7.50%
1415	Zavalla	5	6	2.89%	-0.23%	2.66%	0.00%	2.66%	3.00%	-1.23%	1.77%	0.00%	1.77%	-0.89%	1.77%	9.50%

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## SECTION 3

### RECONCILIATION OF FULL CONTRIBUTION RATES FROM PRIOR VALUATION REPORT

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### Section 3

#### Texas Municipal Retirement System

##### Changes in Full Retirement Rate from Prior Actuarial Valuation Report

The following Schedule provides detail of the reconciliation in the Full Rate for each participating employer from the prior valuation. Actuarial valuations are based on long term assumptions and actual results in a specific year can and almost certainly will differ, as actual experience deviates from the assumptions. The following is a brief explanation of the most common sources for deviation.

**Benefit Changes** - Shows the increase or decrease in the contribution rate associated with any modifications made to the member city's TMRS plan provisions.

**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** - Shows the change in the contribution rate associated with the return on the Actuarial Value of Assets (AVA) being different than the assumed 7.00%. For the year ending December 31, 2014 the return on an AVA basis was 7.45%, so most cities saw a drop in their contribution rate (some show 0.00% due to rounding).

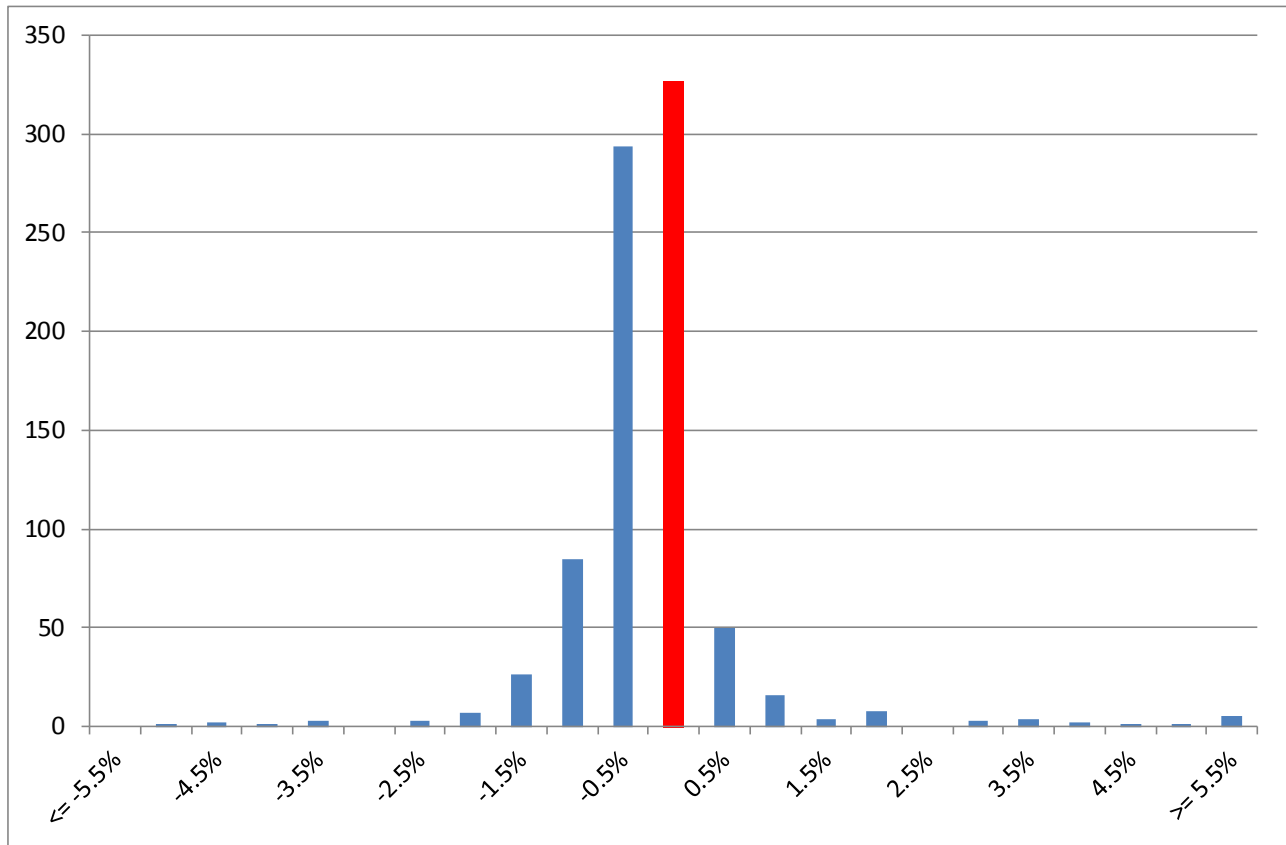
**Contribution Lag/Phase In** - Shows the total increase or decrease in the contribution rate associated with the phase in of city contribution rates and any additional contributions above the full rate that the city made to its plan. The effect of the "Contribution Lag" is included here, as well, and refers to the time delay between the actuarial valuation date and the date the contribution rate becomes effective. For TMRS member cities, the "Lag" is one year (i.e. the Actuarial Valuation as of December 31, 2014 set the rate effective for Calendar Year 2016.) The Phase In amount reflects contributing a portion of the full rate increase due to changes in the December 31, 2013 valuation phased in at a rate of 0.50% per year.

**Payroll Growth** - Shows the increase or decrease in the contribution rate associated with larger or lower than expected growth in the member city's overall payroll. The amortization payments are calculated assuming payroll grows at 3.0% per year. Overall payroll growth in excess of 3.0% will typically cause a decrease in the amortization 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 population. 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 municipality, would be sufficient to meet all benefits payable on their behalf. The normal cost rate for employer is the pay-weighted average of the individual normal cost rates and will generally increase (decrease) as the average entry age of the group increases (decreases).

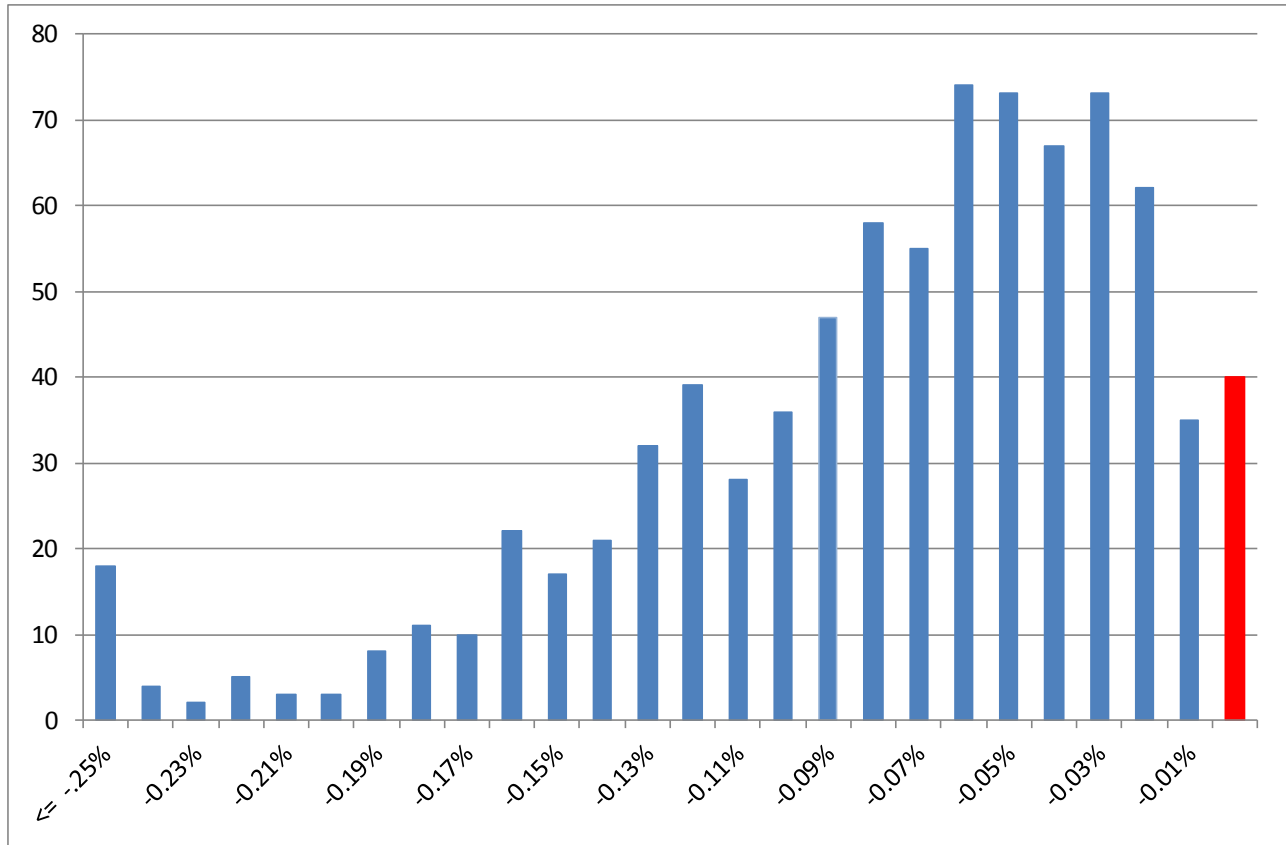
**Liability Growth** - Shows the increase or decrease in the contribution rate associated with larger or lower than expected growth in the member city's overall plan liabilities than assumed. The most significant sources for variance will be individual salary increases compared to the assumption and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

**Distribution of Changes**  
**Total Changes in Full Retirement Rate**

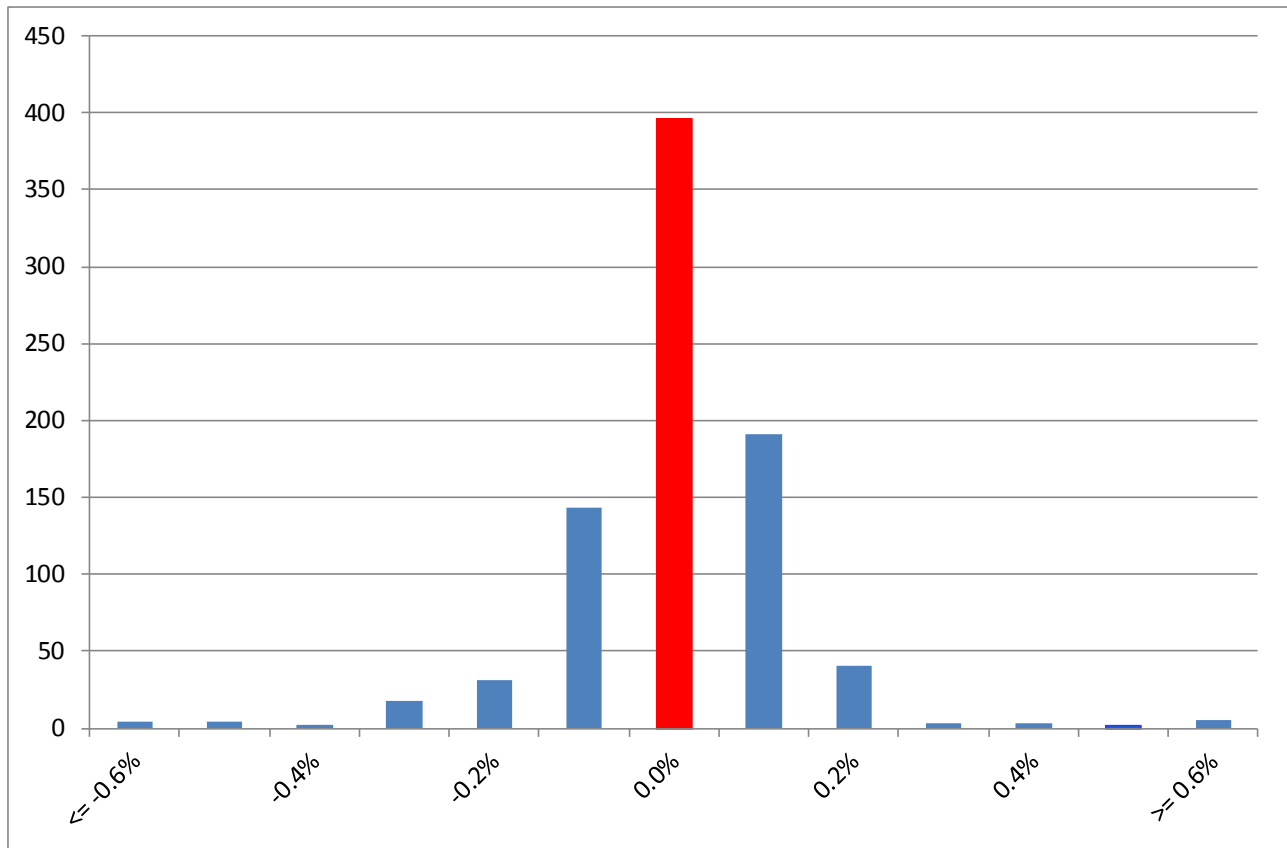


### Distribution of Changes

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

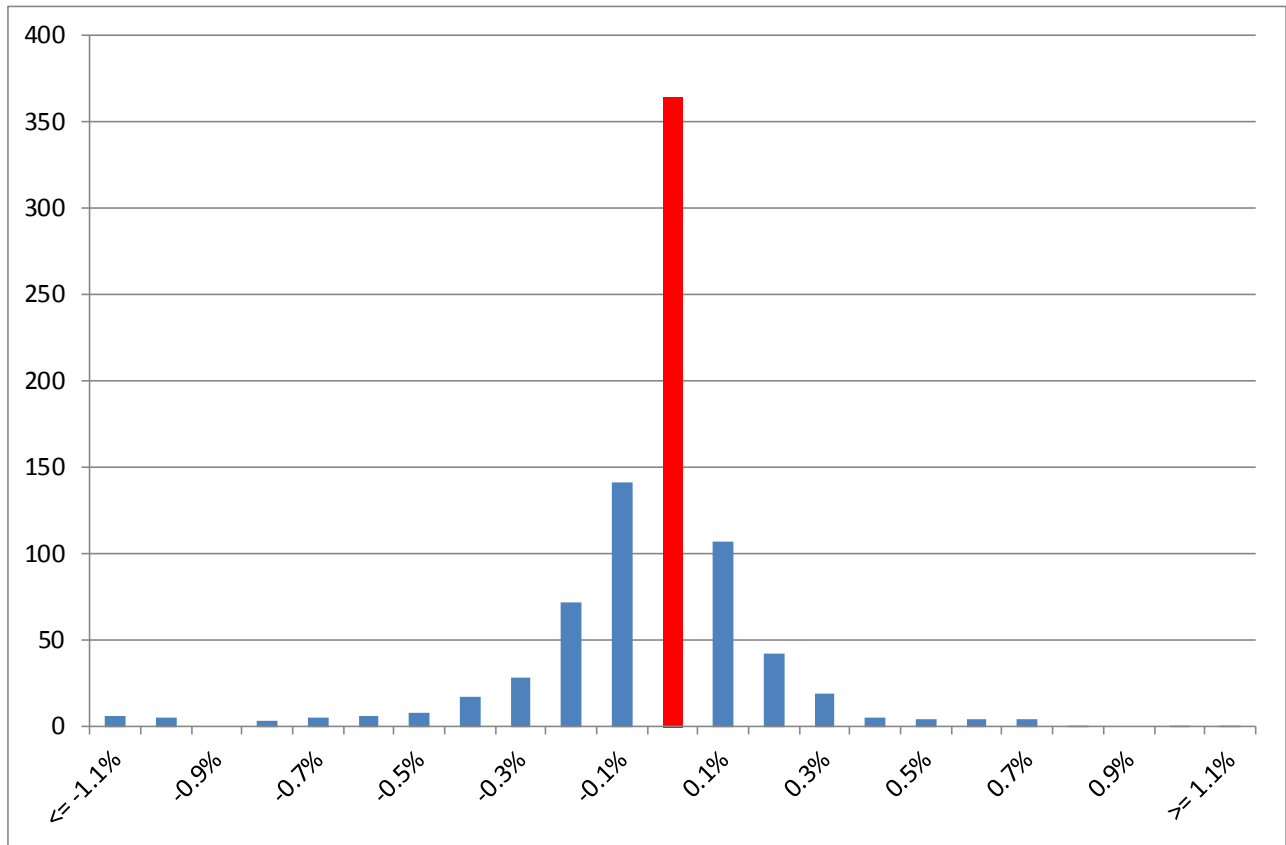


**Distribution of Changes**  
**Change Due to Contributions Different than Actuarial Rate**

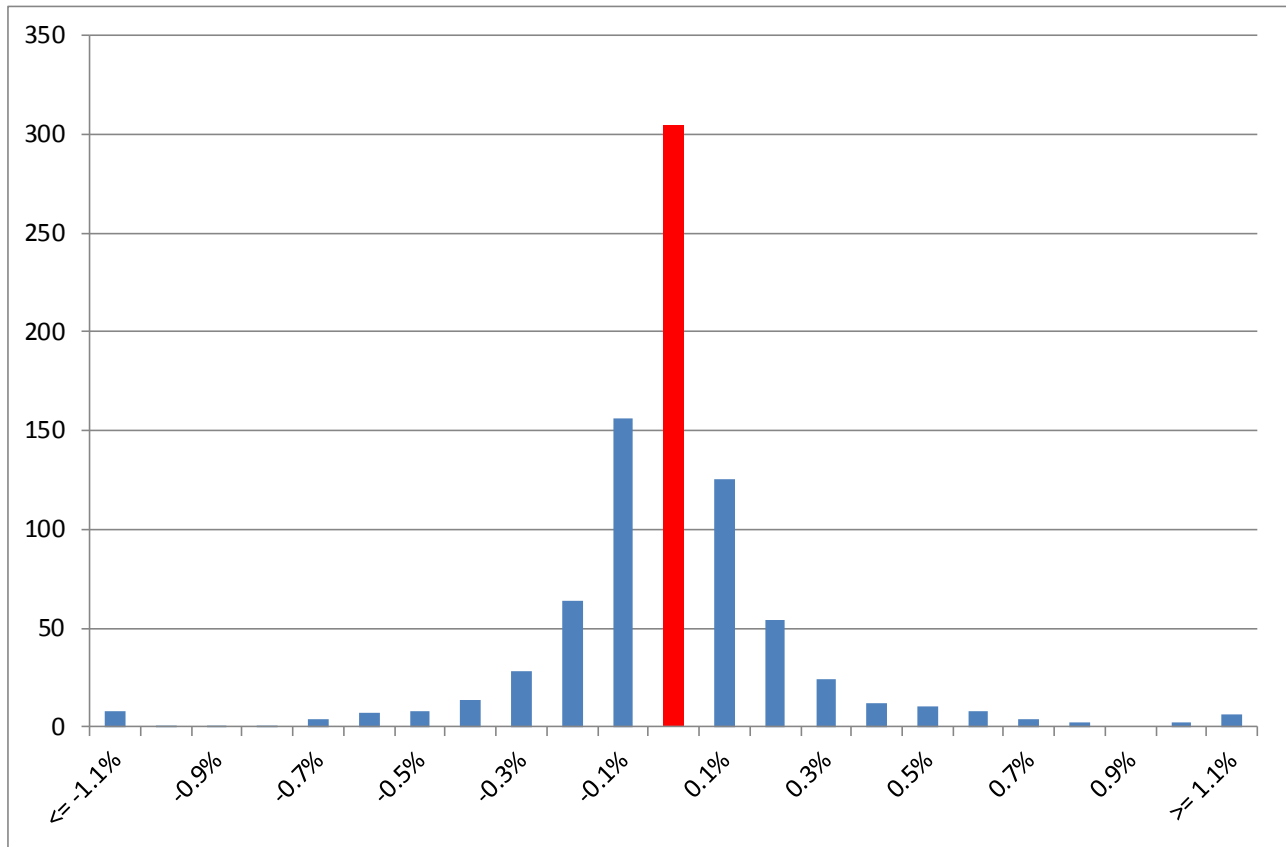


### Distribution of Changes

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

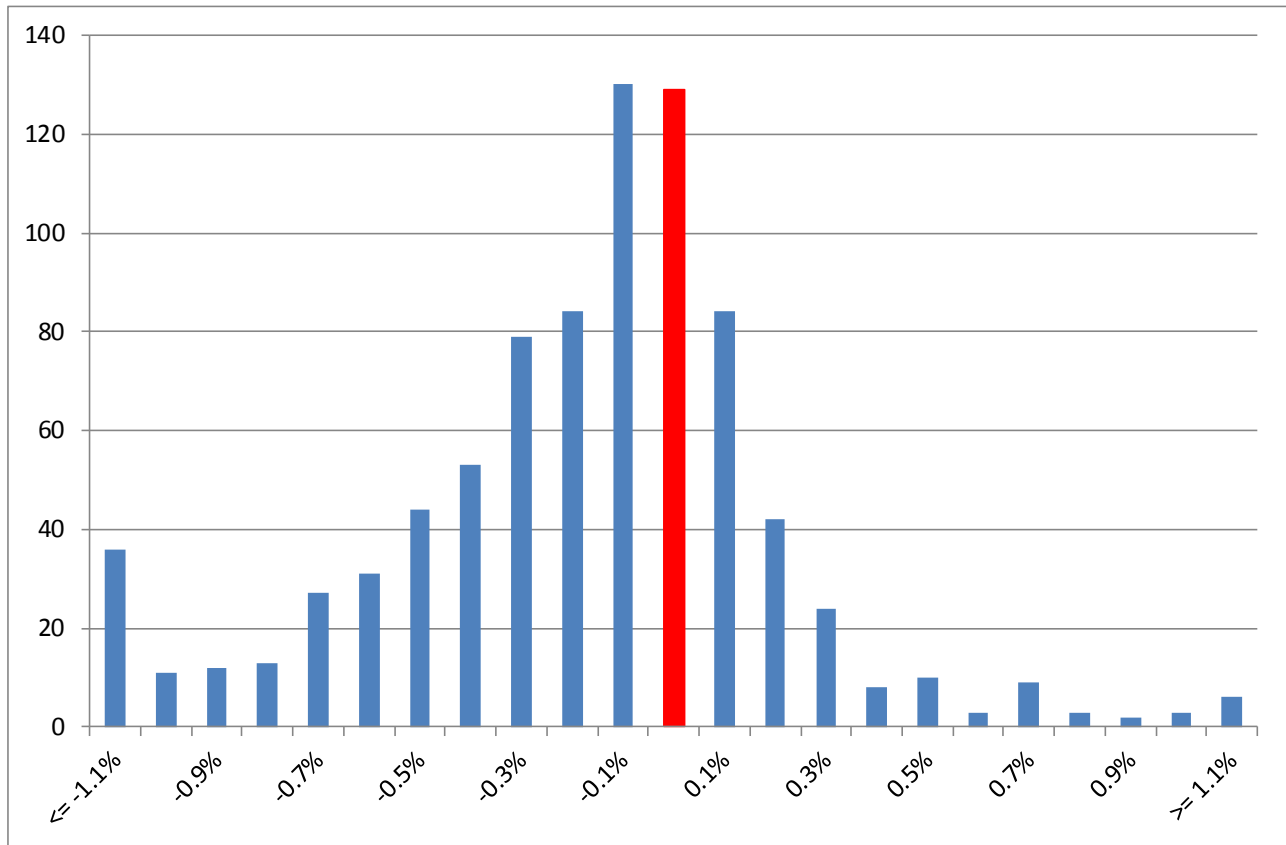


**Distribution of Changes**  
**Change Normal Cost Rate**





**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	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
4	Abernathy	3.71%	0.00%	0.00%	-0.03%	0.02%	-0.08%	-0.25%	-0.20%	-0.54%	3.17%
6	Abilene	10.42%	0.00%	0.00%	-0.16%	-0.03%	-0.06%	-0.04%	-0.11%	-0.40%	10.02%
7	Addison	9.91%	0.25%	0.00%	-0.26%	0.01%	-0.03%	-0.06%	-0.49%	-0.58%	9.33%
10	Alamo	7.36%	0.00%	0.00%	-0.04%	-0.02%	0.05%	0.03%	-0.11%	-0.09%	7.27%
12	Alamo Heights	17.35%	0.00%	0.00%	-0.07%	0.15%	0.08%	0.13%	-0.61%	-0.32%	17.03%
14	Alba	2.42%	0.00%	0.00%	-0.05%	0.06%	-0.10%	0.08%	0.04%	0.03%	2.45%
16	Albany	4.21%	0.00%	0.00%	-0.04%	0.08%	-0.04%	0.04%	0.16%	0.20%	4.41%
17	Aledo	6.72%	0.00%	0.00%	-0.02%	0.17%	-0.07%	0.27%	-0.04%	0.31%	7.03%
18	Alice	9.88%	0.00%	0.00%	-0.09%	-0.03%	0.01%	0.09%	-0.53%	-0.55%	9.33%
19	Allen	14.05%	0.00%	0.00%	-0.06%	0.02%	-0.01%	-0.01%	-0.28%	-0.34%	13.71%
20	Alpine	0.85%	0.00%	0.00%	-0.08%	-0.01%	-0.24%	-0.03%	-0.12%	-0.48%	0.37%
22	Alto	7.86%	0.00%	0.00%	-0.09%	0.11%	-0.08%	1.28%	0.02%	1.24%	9.10%
23	Alton	12.59%	0.00%	0.00%	-0.03%	0.20%	-0.05%	0.10%	-0.42%	-0.20%	12.39%
24	Alvarado	4.33%	0.00%	0.00%	-0.02%	0.03%	-0.02%	0.11%	0.03%	0.13%	4.46%
26	Alvin	16.97%	0.00%	0.00%	-0.12%	0.08%	0.08%	0.39%	-0.51%	-0.08%	16.89%
28	Alvord	6.10%	0.00%	0.00%	-0.02%	-0.15%	-0.10%	-0.24%	0.15%	-0.36%	5.74%
30	Amarillo	11.26%	0.00%	0.00%	-0.14%	0.00%	0.02%	-0.04%	-0.14%	-0.30%	10.96%
32	Amherst	10.09%	0.00%	0.00%	-0.08%	0.20%	0.20%	-0.13%	-4.04%	-3.85%	6.24%
34	Anahuac	8.72%	0.00%	0.00%	-0.07%	0.02%	-0.17%	0.79%	-0.76%	-0.19%	8.53%
36	Andrews	16.35%	0.00%	0.00%	-0.17%	-0.17%	-0.64%	-0.01%	0.30%	-0.69%	15.66%
38	Angleton	12.41%	0.00%	0.00%	-0.09%	0.04%	0.08%	-0.01%	-0.52%	-0.50%	11.91%
40	Anna	13.92%	0.00%	0.00%	-0.02%	0.15%	-0.03%	0.64%	-0.42%	0.32%	14.24%
44	Anson	1.34%	0.00%	0.00%	-0.04%	-0.03%	-0.01%	0.18%	-0.38%	-0.28%	1.06%
45	Anthony	2.85%	0.00%	0.00%	-0.01%	0.03%	-0.12%	0.00%	0.01%	-0.09%	2.76%
48	Aranas Pass	11.85%	0.00%	0.00%	-0.07%	-0.05%	-0.16%	0.18%	-0.88%	-0.98%	10.87%
50	Archer City	3.50%	0.00%	0.00%	-0.02%	0.01%	-0.03%	-0.03%	0.00%	-0.07%	3.43%
51	Argyle	15.12%	0.00%	0.00%	-0.05%	0.12%	0.16%	0.53%	-0.89%	-0.13%	14.99%
52	Arlington	15.50%	0.00%	0.00%	-0.16%	0.03%	0.16%	-0.05%	-0.55%	-0.57%	14.93%
54	Arp	2.01%	0.00%	0.00%	-0.06%	-0.04%	0.06%	-0.07%	-0.45%	-0.56%	1.45%
60	Aspermont	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
62	Athens	21.69%	0.00%	0.00%	-0.09%	0.01%	-0.09%	0.18%	-0.49%	-0.48%	21.21%
64	Atlanta	4.36%	0.00%	0.00%	-0.06%	-0.13%	0.01%	-0.04%	-0.04%	-0.26%	4.10%
66	Aubrey	1.84%	0.00%	0.00%	-0.03%	0.09%	0.02%	0.02%	0.08%	0.18%	2.02%
74	Avinger	1.66%	0.00%	0.00%	-0.06%	-0.17%	0.01%	-0.01%	-0.08%	-0.31%	1.35%
75	Azle	12.24%	0.00%	0.00%	-0.06%	0.03%	-0.04%	-0.01%	-0.28%	-0.36%	11.88%
77	Baird	0.34%	0.00%	0.00%	0.00%	-0.32%	0.00%	-0.02%	0.00%	-0.34%	0.00%
78	Balch Springs	15.74%	0.00%	0.00%	-0.06%	-0.24%	-1.15%	-0.04%	-0.15%	-1.64%	14.10%
79	Balcones Heights	18.39%	0.00%	0.00%	-0.12%	0.14%	0.24%	0.24%	-0.45%	0.05%	18.44%
80	Ballinger	3.37%	0.00%	0.00%	-0.06%	-0.09%	0.00%	0.00%	0.26%	0.11%	3.48%
82	Balmorhea	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
83	Bandera	11.03%	0.00%	0.00%	-0.09%	-0.31%	-0.02%	0.20%	-0.98%	-1.20%	9.83%
84	Bangs	13.86%	0.00%	0.00%	-0.09%	0.12%	0.07%	0.00%	-0.53%	-0.43%	13.43%
90	Bartlett	7.02%	0.00%	0.00%	-0.04%	0.19%	0.00%	-0.08%	0.06%	0.13%	7.15%
91	Bartonville	12.97%	0.00%	0.00%	-0.05%	0.19%	0.71%	-1.27%	-0.05%	-0.47%	12.50%
92	Bastrop	10.71%	0.00%	0.00%	-0.05%	0.05%	-0.02%	0.20%	-0.02%	0.16%	10.87%
94	Bay City	10.50%	0.00%	0.00%	-0.13%	-0.03%	0.07%	-0.16%	-0.62%	-0.87%	9.63%
93	Bayou Vista	3.06%	0.00%	0.00%	-0.03%	0.03%	-0.02%	-0.16%	-0.07%	-0.25%	2.81%
96	Baytown	17.91%	0.00%	0.00%	-0.14%	-0.06%	-0.20%	0.09%	-0.20%	-0.51%	17.40%
98	Beaumont	19.71%	0.00%	0.00%	-0.18%	0.03%	0.24%	0.00%	-0.63%	-0.54%	19.17%
100	Bedford	6.19%	1.81%	0.00%	-0.01%	0.18%	0.02%	-0.01%	-0.16%	1.83%	8.02%
101	Bee Cave	10.49%	0.00%	0.00%	-0.02%	0.22%	-0.15%	-1.59%	0.34%	-1.20%	9.29%
102	Beeville	0.56%	0.00%	0.00%	-0.07%	-0.03%	-0.03%	-0.01%	-0.17%	-0.31%	0.25%
106	Bellaire	22.29%	0.00%	0.00%	-0.18%	0.05%	0.16%	0.18%	-1.30%	-1.09%	21.20%
109	Bellmead	9.07%	0.00%	0.00%	-0.08%	0.04%	-0.08%	0.03%	0.02%	-0.07%	9.00%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
110	Bells	0.42%	0.00%	0.00%	0.00%	0.03%	0.00%	0.06%	-0.49%	-0.40%	0.02%
112	Bellville	14.16%	0.00%	0.00%	-0.09%	-0.03%	0.04%	0.00%	-0.08%	-0.16%	14.00%
114	Belton	7.07%	0.00%	0.00%	-0.05%	0.02%	-0.02%	0.00%	-0.18%	-0.23%	6.84%
118	Benbrook	17.75%	0.00%	0.00%	-0.13%	-0.01%	-0.04%	-0.05%	-0.17%	-0.40%	17.35%
121	Berryville	1.65%	0.00%	0.00%	-0.05%	0.03%	0.01%	-0.02%	0.04%	0.01%	1.66%
123	Bertram	2.38%	0.00%	0.00%	-0.04%	0.02%	0.01%	0.14%	-1.09%	-0.96%	1.42%
124	Big Lake	18.88%	0.00%	0.00%	-0.08%	-0.23%	-1.40%	0.09%	1.07%	-0.55%	18.33%
126	Big Sandy	2.99%	0.00%	0.00%	-0.08%	-0.06%	0.02%	0.01%	-0.20%	-0.31%	2.68%
128	Big Spring	16.28%	0.00%	0.00%	-0.13%	-0.15%	-0.11%	0.23%	-0.01%	-0.17%	16.11%
132	Bishop	5.05%	0.00%	0.00%	-0.13%	0.03%	0.03%	0.08%	-1.31%	-1.30%	3.75%
134	Blanco	1.21%	0.00%	0.00%	-0.03%	0.02%	-0.02%	0.11%	0.05%	0.13%	1.34%
140	Blooming Grove	7.54%	0.00%	0.00%	-0.10%	0.11%	-0.05%	-0.02%	0.24%	0.18%	7.72%
142	Blossom	3.59%	0.00%	0.00%	-0.12%	-0.23%	-0.01%	-0.01%	-0.12%	-0.49%	3.10%
143	Blue Mound	3.84%	0.00%	0.00%	-0.01%	0.10%	-0.01%	0.73%	-0.12%	0.69%	4.53%
144	Blue Ridge	0.04%	0.00%	0.00%	-0.02%	0.01%	-0.04%	0.36%	-0.06%	0.25%	0.29%
148	Boerne	18.14%	0.00%	0.00%	-0.05%	-0.05%	-0.32%	0.00%	0.07%	-0.35%	17.79%
150	Bogata	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
152	Bonham	5.08%	0.00%	0.00%	-0.13%	0.01%	-0.01%	0.02%	-0.69%	-0.80%	4.28%
154	Booker	5.09%	0.00%	0.00%	-0.05%	0.09%	-0.01%	-0.04%	0.16%	0.15%	5.24%
156	Borger	15.91%	0.00%	0.00%	-0.12%	-0.11%	-0.15%	-0.01%	-0.40%	-0.79%	15.12%
158	Bovina	0.45%	0.00%	0.00%	-0.03%	0.03%	-0.11%	-0.27%	-0.07%	-0.45%	0.00%
160	Bowie	10.31%	0.00%	0.00%	-0.08%	-0.01%	0.10%	-0.11%	-0.71%	-0.81%	9.50%
162	Boyd	1.22%	1.95%	0.00%	-0.03%	0.19%	0.01%	0.03%	-0.24%	1.91%	3.13%
166	Brady	10.46%	0.00%	0.00%	-0.05%	-0.04%	-0.01%	-0.09%	-0.24%	-0.43%	10.03%
170	Brazoria	8.15%	0.00%	0.00%	-0.14%	0.02%	-0.02%	0.06%	0.07%	-0.01%	8.14%
172	Breckenridge	7.79%	0.00%	0.00%	-0.08%	-0.07%	-0.04%	-0.03%	-0.28%	-0.50%	7.29%
174	Bremond	14.32%	0.00%	0.00%	-0.07%	0.11%	0.19%	0.24%	0.33%	0.80%	15.12%
176	Brenham	6.02%	0.33%	0.00%	-0.20%	-0.07%	0.01%	-0.02%	-0.20%	-0.15%	5.87%
177	Bridge City	16.40%	0.00%	0.00%	-0.10%	0.06%	0.08%	0.05%	-1.60%	-1.51%	14.89%
178	Bridgeport	13.99%	0.00%	0.00%	-0.06%	0.09%	0.00%	0.16%	-0.80%	-0.61%	13.38%
180	Bronte	8.60%	0.00%	0.00%	-0.06%	0.04%	0.73%	0.01%	-0.32%	0.40%	9.00%
182	Brookshire	4.16%	0.00%	0.00%	-0.09%	-0.09%	0.08%	0.01%	-0.24%	-0.33%	3.83%
184	Brownfield	9.67%	0.00%	0.00%	-0.17%	-0.49%	-0.03%	0.04%	-1.34%	-1.99%	7.68%
10188	Brownsville	18.37%	0.00%	0.00%	-0.12%	-0.02%	-0.10%	-0.01%	-0.38%	-0.63%	17.74%
20188	Brownsville PUB	13.25%	0.00%	0.00%	-0.13%	-0.06%	-0.21%	-0.02%	-0.71%	-1.13%	12.12%
10190	Brownwood	14.73%	0.00%	0.00%	-0.10%	0.03%	0.13%	-0.03%	-0.75%	-0.72%	14.01%
30190	Brownwood Health Dept.	9.55%	0.00%	0.00%	-0.09%	0.15%	0.04%	-0.03%	0.13%	0.20%	9.75%
20190	Brownwood Public Library	3.52%	0.00%	0.00%	-0.04%	0.02%	-0.10%	-0.37%	0.02%	-0.47%	3.05%
195	Bruceville-Eddy	4.70%	0.00%	0.00%	-0.06%	0.13%	0.03%	-0.43%	0.10%	-0.23%	4.47%
192	Bryan	15.50%	0.00%	0.00%	-0.13%	-0.03%	0.01%	-0.03%	-0.28%	-0.46%	15.04%
193	Bryson	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
194	Buda	12.87%	0.00%	0.00%	-0.03%	0.12%	-0.08%	0.57%	0.21%	0.79%	13.66%
196	Buffalo	4.44%	0.00%	0.00%	-0.05%	0.00%	-0.01%	-0.14%	-0.18%	-0.38%	4.06%
198	Bullard	6.54%	0.00%	0.00%	-0.02%	0.06%	0.11%	0.16%	0.11%	0.42%	6.96%
203	Bulverde	8.51%	0.00%	0.00%	-0.03%	0.10%	-0.01%	-0.07%	-0.26%	-0.27%	8.24%
199	Bunker Hill Village	9.84%	0.00%	0.00%	-0.13%	0.01%	0.00%	-0.15%	0.21%	-0.06%	9.78%
200	Burkburnett	10.09%	0.00%	0.00%	-0.11%	-0.06%	-0.04%	0.14%	0.01%	-0.06%	10.03%
202	Burleson	15.25%	0.00%	0.00%	-0.06%	-0.02%	-0.08%	0.06%	-0.05%	-0.15%	15.10%
204	Burnet	12.05%	0.00%	0.00%	-0.07%	0.04%	0.04%	0.38%	-0.14%	0.25%	12.30%
207	Cactus	0.26%	2.07%	0.00%	-0.04%	0.14%	0.00%	-0.20%	0.01%	1.98%	2.24%
208	Caddo Mills	3.02%	0.00%	0.00%	-0.01%	0.04%	-0.02%	0.25%	-0.02%	0.24%	3.26%
210	Caldwell	9.35%	0.00%	0.00%	-0.21%	-0.05%	-0.02%	0.04%	-0.34%	-0.58%	8.77%
212	Calvert	1.27%	0.00%	0.00%	-0.02%	0.04%	-0.01%	-0.36%	-0.23%	-0.58%	0.69%
214	Cameron	10.98%	0.00%	0.00%	-0.07%	-0.14%	-0.21%	-0.14%	-0.30%	-0.86%	10.12%

**Section 3**  
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CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
220	Canadian	15.61%	0.00%	0.00%	-0.07%	0.02%	0.25%	-0.23%	-0.63%	-0.66%	14.95%
222	Canton	11.74%	0.00%	0.00%	-0.06%	0.02%	0.05%	-0.12%	-0.38%	-0.49%	11.25%
224	Canyon	17.52%	0.00%	0.00%	-0.15%	-0.06%	-0.28%	0.22%	-0.28%	-0.55%	16.97%
227	Carmine	2.22%	0.00%	0.00%	-0.12%	-0.21%	0.04%	0.00%	-0.22%	-0.51%	1.71%
228	Carrizo Springs	5.50%	0.00%	0.00%	-0.09%	-0.06%	-0.05%	0.22%	-0.50%	-0.48%	5.02%
230	Carrollton	12.45%	0.00%	0.00%	-0.26%	-0.12%	-0.03%	-0.07%	-0.49%	-0.97%	11.48%
232	Carthage	18.89%	0.00%	0.00%	-0.17%	0.03%	0.10%	0.08%	-0.27%	-0.23%	18.66%
231	Castle Hills	13.30%	0.00%	0.00%	-0.13%	0.00%	-0.22%	0.17%	-1.00%	-1.18%	12.12%
234	Castroville	8.71%	0.00%	0.00%	-0.06%	0.08%	0.06%	0.49%	-0.21%	0.36%	9.07%
238	Cedar Hill	13.15%	0.00%	0.00%	-0.09%	-0.03%	-0.07%	-0.20%	-0.16%	-0.55%	12.60%
239	Cedar Park	9.25%	0.00%	0.00%	-0.05%	0.03%	-0.05%	-0.05%	0.22%	0.10%	9.35%
240	Celeste	6.01%	0.00%	0.00%	-0.01%	0.23%	3.44%	-0.36%	-0.28%	3.02%	9.03%
242	Celina	5.11%	0.00%	0.00%	-0.03%	0.11%	0.05%	-0.07%	0.02%	0.08%	5.19%
244	Center	15.88%	0.00%	0.00%	-0.07%	0.09%	0.59%	0.11%	0.00%	0.72%	16.60%
246	Centerville	1.92%	12.45%	0.00%	-0.11%	1.26%	-0.51%	0.39%	1.04%	14.52%	16.44%
247	Chandler	5.17%	0.00%	0.00%	-0.01%	-0.08%	-0.38%	0.07%	-0.05%	-0.45%	4.72%
248	Charlotte	6.21%	0.00%	0.00%	-0.07%	-0.27%	-0.59%	0.13%	0.88%	0.08%	6.29%
249	Chester	1.85%	0.00%	0.00%	-0.37%	-1.03%	0.19%	0.01%	-0.10%	-1.30%	0.55%
245	Chico	3.06%	0.00%	0.00%	-0.04%	0.02%	-0.02%	0.01%	0.23%	0.20%	3.26%
250	Childress	14.74%	0.00%	0.00%	-0.08%	-0.02%	-0.20%	-0.19%	0.46%	-0.03%	14.71%
253	Chireno	18.67%	0.00%	0.00%	-0.16%	0.08%	0.10%	0.00%	0.09%	0.11%	18.78%
254	Christine	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
255	Cibolo	12.76%	0.00%	0.00%	-0.02%	0.13%	-0.17%	-0.59%	-0.07%	-0.72%	12.04%
256	Cisco	3.02%	0.00%	0.00%	-0.08%	-0.03%	0.00%	-0.09%	-0.56%	-0.76%	2.26%
258	Clarendon	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
259	Clarksville	3.80%	0.00%	0.00%	-0.08%	-0.05%	0.15%	-0.11%	-0.08%	-0.17%	3.63%
260	Clarksville City	0.00%	2.13%	0.00%	-0.17%	-0.07%	-0.24%	-0.38%	-0.31%	0.96%	0.96%
263	Clear Lake Shores	9.99%	0.90%	0.00%	-0.04%	0.09%	-0.01%	-0.26%	0.09%	0.77%	10.76%
264	Cleburne	18.09%	0.00%	0.00%	-0.12%	0.05%	0.19%	0.00%	-0.01%	0.11%	18.20%
266	Cleveland	10.67%	0.00%	0.00%	-0.08%	0.05%	-0.07%	-0.33%	-0.38%	-0.81%	9.86%
268	Clifton	0.95%	0.00%	0.00%	-0.05%	-0.03%	-0.04%	-0.07%	-0.03%	-0.22%	0.73%
271	Clute	10.60%	0.00%	0.00%	-0.11%	-0.01%	0.04%	0.17%	-0.73%	-0.64%	9.96%
272	Clyde	12.85%	0.00%	0.00%	-0.05%	0.08%	0.31%	-0.01%	-0.32%	0.01%	12.86%
274	Coahoma	5.13%	0.00%	0.00%	-0.11%	-0.14%	0.26%	0.08%	-0.63%	-0.54%	4.59%
276	Cockrell Hill	8.36%	0.00%	0.00%	-0.07%	0.17%	-0.06%	-0.24%	-0.20%	-0.40%	7.96%
278	Coleman	18.57%	0.00%	0.00%	-0.15%	-0.01%	-0.12%	-0.01%	-0.55%	-0.84%	17.73%
280	College Station	13.22%	0.00%	0.00%	-0.12%	-0.01%	-0.03%	-0.06%	-0.22%	-0.44%	12.78%
281	Colleyville	7.69%	0.00%	0.00%	-0.12%	0.05%	0.03%	-0.12%	0.05%	-0.11%	7.58%
282	Collinsville	0.48%	0.00%	0.00%	-0.03%	0.03%	0.07%	-0.03%	0.14%	0.18%	0.66%
283	Colmesneil	6.63%	0.00%	0.00%	-0.04%	0.08%	0.50%	-0.21%	-0.26%	0.07%	6.70%
284	Colorado City	7.76%	0.00%	0.00%	-0.09%	-0.12%	-0.07%	0.57%	0.13%	0.42%	8.18%
286	Columbus	13.44%	0.00%	0.00%	-0.10%	-0.08%	0.05%	0.36%	-0.52%	-0.29%	13.15%
288	Comanche	5.30%	0.00%	0.00%	-0.07%	-0.01%	0.10%	-0.12%	-0.22%	-0.32%	4.98%
290	Commerce	8.89%	0.00%	0.00%	-0.08%	-0.01%	-0.05%	0.00%	-0.37%	-0.51%	8.38%
294	Conroe	16.45%	0.00%	0.00%	-0.10%	-0.05%	0.06%	-0.07%	-0.23%	-0.39%	16.06%
295	Converse	14.51%	0.00%	0.00%	-0.06%	0.00%	-0.25%	0.01%	-0.38%	-0.68%	13.83%
298	Cooper	5.65%	0.00%	0.00%	-0.17%	0.06%	0.08%	0.00%	-0.34%	-0.37%	5.28%
299	Coppell	15.43%	0.00%	0.00%	-0.09%	-0.01%	-0.02%	-0.07%	-0.13%	-0.32%	15.11%
297	Copper Canyon	11.61%	0.00%	0.00%	-0.08%	0.92%	-0.03%	-0.06%	0.13%	0.88%	12.49%
300	Copperas Cove	12.61%	0.00%	0.00%	-0.09%	0.03%	0.07%	0.04%	-0.35%	-0.30%	12.31%
301	Corinth	15.28%	0.00%	0.00%	-0.06%	0.06%	-0.09%	0.03%	-0.20%	-0.26%	15.02%
302	Corpus Christi	10.06%	0.48%	0.00%	-0.24%	-0.49%	0.01%	-0.01%	-0.23%	-0.48%	9.58%
304	Corrigan	1.12%	0.00%	0.00%	-0.04%	-0.05%	0.00%	-0.09%	-0.08%	-0.26%	0.86%
306	Corsicana	14.01%	0.00%	0.00%	-0.14%	0.05%	0.38%	0.06%	-0.36%	-0.01%	14.00%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
308	Cotulla	5.72%	0.00%	0.00%	-0.04%	0.00%	-0.18%	-0.18%	0.52%	0.12%	5.84%
310	Crandall	11.00%	0.00%	0.00%	-0.05%	0.10%	0.00%	0.44%	-0.54%	-0.05%	10.95%
312	Crane	10.57%	0.00%	0.00%	-0.13%	-0.05%	-0.11%	0.02%	0.00%	-0.27%	10.30%
314	Crawford	0.12%	0.00%	0.00%	-0.02%	-0.02%	0.17%	-0.10%	0.05%	0.08%	0.20%
316	Crockett	8.49%	0.00%	0.00%	-0.10%	-0.09%	0.01%	-0.06%	-0.14%	-0.38%	8.11%
318	Crosbyton	4.22%	0.00%	0.00%	-0.13%	0.12%	-0.03%	0.32%	-0.19%	0.09%	4.31%
320	Cross Plains	8.01%	0.00%	0.00%	-0.12%	0.08%	0.00%	-0.28%	-0.12%	-0.44%	7.57%
321	Cross Roads	7.96%	0.00%	0.00%	0.00%	0.16%	0.00%	-0.63%	-0.30%	-0.77%	7.19%
323	Crowley	10.62%	0.00%	0.00%	-0.05%	0.04%	0.05%	-0.05%	-0.35%	-0.36%	10.26%
324	Crystal City	0.00%	0.00%	0.00%	0.00%	0.00%	0.22%	0.00%	0.07%	0.29%	0.29%
326	Cuero	10.37%	0.00%	0.00%	-0.04%	0.01%	-0.16%	0.14%	-0.33%	-0.38%	9.99%
328	Cumby	2.39%	0.00%	0.00%	-0.01%	0.01%	0.01%	-0.03%	-0.01%	-0.03%	2.36%
332	Daingerfield	6.91%	0.00%	0.00%	-0.07%	0.04%	0.01%	-0.17%	-0.10%	-0.29%	6.62%
334	Daisetta	0.83%	0.00%	0.00%	-0.02%	0.04%	0.03%	-0.01%	0.08%	0.12%	0.95%
336	Dalhart	3.78%	0.00%	0.00%	-0.09%	-0.04%	0.01%	-0.08%	0.07%	-0.13%	3.65%
339	Dalworthington Gardens	22.87%	0.00%	0.00%	-0.06%	0.08%	-0.44%	0.02%	-0.52%	-0.92%	21.95%
340	Danbury	5.86%	0.00%	0.00%	-0.02%	-0.04%	-0.20%	0.12%	0.00%	-0.14%	5.72%
341	Darrouzett	2.37%	0.00%	0.00%	-0.04%	-0.33%	-0.01%	0.00%	-0.61%	-0.99%	1.38%
344	Dayton	6.21%	0.00%	0.00%	-0.04%	0.03%	0.01%	0.13%	-0.09%	0.04%	6.25%
352	De Leon	1.27%	0.00%	0.00%	-0.03%	0.03%	0.00%	0.00%	-0.02%	-0.02%	1.25%
10366	DeSoto	11.06%	-0.18%	0.00%	-0.12%	-0.04%	-0.05%	0.04%	-0.33%	-0.68%	10.38%
346	Decatur	14.68%	0.00%	0.00%	-0.05%	0.05%	-0.03%	0.33%	0.04%	0.34%	15.02%
348	Deer Park	14.45%	0.00%	0.00%	-0.16%	-0.01%	-0.06%	-0.05%	-0.35%	-0.63%	13.82%
350	Dekalb	1.11%	0.00%	0.00%	-0.03%	0.05%	0.01%	0.12%	0.02%	0.17%	1.28%
354	Del Rio	4.24%	0.00%	0.00%	-0.03%	0.01%	-0.04%	-0.02%	-0.05%	-0.13%	4.11%
353	Dell City	6.49%	0.00%	0.00%	-0.39%	-0.19%	-1.27%	0.02%	1.95%	0.12%	6.61%
356	Denison	12.42%	0.00%	0.00%	-0.19%	-0.02%	-0.01%	0.08%	-0.48%	-0.62%	11.80%
358	Denton	17.76%	0.00%	0.00%	-0.12%	-0.08%	-0.26%	0.02%	-0.09%	-0.53%	17.23%
360	Denver City	12.29%	0.00%	0.00%	-0.29%	0.06%	0.28%	0.17%	-0.92%	-0.70%	11.59%
362	Deport	7.47%	0.00%	0.00%	-0.10%	-0.49%	-0.21%	0.00%	0.23%	-0.57%	6.90%
370	Devine	8.62%	0.00%	0.00%	-0.03%	-0.03%	-0.04%	0.03%	-0.34%	-0.41%	8.21%
371	Diboll	13.62%	0.00%	0.00%	-0.10%	0.03%	0.07%	-0.03%	-0.05%	-0.08%	13.54%
372	Dickens	0.64%	0.00%	0.00%	-0.01%	0.04%	0.06%	-0.01%	0.02%	0.10%	0.74%
373	Dickinson	8.60%	0.00%	0.00%	-0.06%	0.05%	0.12%	0.02%	-0.28%	-0.15%	8.45%
374	Dilley	7.17%	0.00%	0.00%	-0.03%	0.09%	-0.31%	0.24%	0.30%	0.29%	7.46%
376	Dimmitt	5.46%	0.00%	0.00%	-0.13%	-0.05%	-0.10%	0.16%	-0.69%	-0.81%	4.65%
382	Donna	2.13%	2.74%	0.00%	-0.04%	0.15%	-0.19%	0.08%	0.21%	2.95%	5.08%
379	Double Oak	5.05%	0.00%	0.00%	-0.02%	0.15%	0.01%	-0.20%	0.10%	0.04%	5.09%
383	Dripping Springs	1.75%	0.00%	0.00%	-0.03%	-0.01%	-0.08%	0.12%	0.11%	0.11%	1.86%
385	Driscoll	2.78%	0.00%	0.00%	-0.01%	0.06%	0.15%	-0.46%	-0.55%	-0.81%	1.97%
384	Dublin	14.40%	0.00%	0.00%	-0.05%	0.02%	-0.17%	-0.16%	-0.14%	-0.50%	13.90%
386	Dumas	6.31%	0.00%	0.00%	-0.06%	0.04%	0.01%	0.00%	-0.08%	-0.09%	6.22%
388	Duncanville	3.86%	0.00%	0.00%	-0.19%	-0.10%	0.00%	-0.01%	-0.15%	-0.45%	3.41%
394	Eagle Lake	7.06%	0.00%	0.00%	-0.09%	0.05%	0.06%	0.22%	0.77%	1.01%	8.07%
396	Eagle Pass	9.63%	0.00%	0.00%	-0.15%	-0.07%	0.02%	-0.07%	-0.28%	-0.55%	9.08%
397	Early	2.85%	0.00%	0.00%	-0.07%	0.02%	0.00%	-0.20%	-0.26%	-0.51%	2.34%
399	Earth	4.50%	0.00%	0.00%	-0.02%	0.07%	0.14%	-0.58%	-0.08%	-0.47%	4.03%
401	East Mountain	12.82%	0.00%	0.00%	-0.08%	-0.33%	-0.97%	-0.05%	1.90%	0.47%	13.29%
395	East Tawakoni	6.07%	0.00%	0.00%	-0.07%	0.03%	0.04%	0.01%	-0.68%	-0.67%	5.40%
398	Eastland	9.17%	0.00%	0.00%	-0.05%	-0.04%	-0.10%	0.05%	-0.24%	-0.38%	8.79%
402	Ector	1.65%	0.00%	0.00%	-0.02%	0.01%	-0.04%	0.11%	-0.06%	0.00%	1.65%
406	Eden	5.19%	0.00%	0.00%	-0.09%	0.05%	0.09%	0.02%	-0.04%	0.03%	5.22%
408	Edgewood	3.71%	0.00%	0.00%	-0.03%	0.01%	-0.08%	-0.11%	0.02%	-0.19%	3.52%
410	Edinburg	14.97%	0.00%	0.00%	-0.06%	0.02%	-0.21%	-0.02%	-0.14%	-0.41%	14.56%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
412	Edna	11.46%	0.00%	0.00%	-0.07%	-0.05%	-0.23%	-0.14%	0.29%	-0.20%	11.26%
414	El Campo	11.77%	0.00%	0.00%	-0.11%	-0.07%	-0.06%	-0.04%	-0.20%	-0.48%	11.29%
416	Eldorado	6.75%	0.00%	0.00%	-0.07%	-0.24%	-0.13%	0.32%	-0.06%	-0.18%	6.57%
418	Electra	2.22%	0.00%	0.00%	-0.08%	-0.02%	0.02%	0.04%	-0.31%	-0.35%	1.87%
420	Elgin	11.44%	0.00%	0.00%	-0.05%	-0.01%	-0.10%	0.05%	-0.37%	-0.48%	10.96%
422	Elkhart	5.65%	0.00%	0.00%	-0.06%	0.02%	0.10%	-0.03%	0.28%	0.31%	5.96%
427	Elmendorf	1.11%	0.00%	0.00%	-0.01%	0.03%	0.01%	-0.22%	-0.05%	-0.24%	0.87%
432	Emory	4.79%	0.00%	0.00%	-0.03%	0.07%	-0.01%	-0.10%	-0.19%	-0.26%	4.53%
436	Ennis	18.55%	0.00%	0.00%	-0.15%	0.00%	-0.05%	0.16%	-0.58%	-0.62%	17.93%
439	Eules	18.05%	0.00%	0.00%	-0.18%	-0.05%	-0.03%	-0.03%	-0.27%	-0.56%	17.49%
440	Eustace	5.84%	0.00%	0.00%	-0.03%	0.07%	-0.04%	0.34%	-0.16%	0.18%	6.02%
441	Everman	8.59%	0.00%	0.00%	-0.08%	-0.04%	-0.11%	0.30%	-0.21%	-0.14%	8.45%
443	Fair Oaks Ranch	11.75%	0.00%	0.00%	-0.04%	-0.01%	-0.08%	-0.52%	0.14%	-0.51%	11.24%
442	Fairfield	3.29%	0.00%	0.00%	-0.09%	0.02%	0.13%	-0.08%	-0.46%	-0.48%	2.81%
445	Fairview	10.24%	0.00%	0.00%	-0.02%	0.07%	-0.11%	-0.03%	0.12%	0.03%	10.27%
20444	Falfurrias	1.27%	0.53%	0.00%	-0.04%	-0.03%	-0.03%	0.06%	-0.08%	0.41%	1.68%
446	Falls City	8.85%	0.00%	0.00%	-0.04%	-0.14%	-0.33%	0.08%	0.25%	-0.18%	8.67%
448	Farmers Branch	18.96%	0.00%	0.00%	-0.24%	0.03%	0.08%	-0.05%	-1.16%	-1.34%	17.62%
450	Farmersville	9.38%	0.00%	0.00%	-0.07%	-0.05%	-0.29%	-0.21%	-0.34%	-0.96%	8.42%
451	Farwell	12.56%	0.00%	0.00%	-0.11%	0.06%	-0.28%	1.52%	-0.24%	0.95%	13.51%
452	Fate	9.64%	0.00%	0.00%	-0.01%	-0.05%	-0.20%	0.08%	0.20%	0.02%	9.66%
454	Fayetteville	0.00%	0.00%	0.00%	-0.05%	0.00%	-0.01%	0.00%	0.10%	0.04%	0.04%
456	Ferris	7.31%	0.00%	0.00%	-0.05%	0.08%	-0.17%	-0.11%	-0.31%	-0.56%	6.75%
458	Flatonia	17.84%	0.00%	0.00%	-0.13%	-0.01%	0.00%	-0.05%	0.07%	-0.12%	17.72%
460	Florence	4.03%	0.00%	0.00%	-0.03%	0.03%	0.04%	-0.18%	-0.66%	-0.80%	3.23%
20462	Floresville	10.91%	0.00%	0.00%	-0.05%	-0.04%	-0.16%	0.01%	-0.69%	-0.93%	9.98%
463	Flower Mound	9.19%	0.00%	0.00%	-0.06%	0.02%	-0.03%	0.07%	-0.01%	-0.01%	9.18%
464	Floydada	10.13%	0.00%	0.00%	-0.12%	-0.11%	0.11%	-0.06%	-0.83%	-1.01%	9.12%
468	Forest Hill	13.74%	0.00%	0.00%	-0.08%	0.01%	-0.19%	0.04%	-0.12%	-0.34%	13.40%
470	Forney	14.18%	0.00%	0.00%	-0.03%	0.05%	-0.29%	0.11%	0.08%	-0.08%	14.10%
472	Fort Stockton	10.60%	0.00%	0.00%	-0.06%	0.00%	-0.11%	-0.04%	-0.14%	-0.35%	10.25%
476	Franklin	3.11%	0.00%	0.00%	-0.03%	0.06%	0.09%	-0.07%	-0.37%	-0.32%	2.79%
478	Frankston	2.50%	0.00%	0.00%	-0.02%	0.01%	0.00%	0.03%	-0.64%	-0.62%	1.88%
480	Fredericksburg	9.77%	0.00%	0.00%	-0.14%	-0.05%	-0.15%	-0.02%	-0.16%	-0.52%	9.25%
482	Freeport	13.80%	0.00%	0.00%	-0.07%	0.12%	0.13%	-0.01%	-0.20%	-0.03%	13.77%
481	Freer	6.41%	0.00%	0.00%	-0.03%	-0.09%	-0.60%	0.08%	0.27%	-0.37%	6.04%
483	Friendswood	15.79%	0.00%	0.00%	-0.10%	0.04%	0.11%	-0.01%	-0.39%	-0.35%	15.44%
484	Friona	12.15%	0.00%	0.00%	-0.16%	0.05%	0.15%	0.02%	-0.87%	-0.81%	11.34%
486	Frisco	14.29%	0.00%	0.00%	-0.05%	0.04%	-0.11%	-0.01%	-0.16%	-0.29%	14.00%
487	Fritch	3.10%	0.00%	0.00%	-0.06%	0.12%	-1.00%	0.23%	-0.45%	-1.16%	1.94%
488	Frost	3.12%	0.00%	0.00%	-0.05%	0.05%	-0.03%	0.15%	-0.06%	0.06%	3.18%
491	Fulshear	5.34%	0.00%	0.00%	0.00%	-0.04%	-0.39%	-0.25%	0.27%	-0.41%	4.93%
493	Fulton	17.75%	0.00%	0.00%	0.00%	-0.19%	0.18%	-0.13%	-0.13%	-0.27%	17.48%
492	Gainesville	9.71%	0.00%	0.00%	-0.09%	-0.06%	0.05%	-0.03%	-0.27%	-0.40%	9.31%
494	Galena Park	14.30%	0.00%	0.00%	-0.14%	-0.02%	-0.08%	0.31%	-0.47%	-0.40%	13.90%
498	Ganado	14.07%	0.00%	0.00%	-0.17%	-0.01%	-0.01%	0.19%	-2.19%	-2.19%	11.88%
499	Garden Ridge	7.65%	0.00%	0.00%	-0.02%	0.11%	-0.03%	-0.15%	-0.08%	-0.17%	7.48%
500	Garland	10.87%	0.00%	0.00%	-0.26%	0.00%	0.04%	-0.04%	-0.31%	-0.57%	10.30%
502	Garrison	15.24%	0.00%	0.00%	-0.18%	-0.01%	1.02%	-0.43%	-0.61%	-0.21%	15.03%
503	Gary	7.18%	0.00%	0.00%	-0.08%	0.03%	-0.09%	0.01%	0.23%	0.10%	7.28%
504	Gatesville	15.67%	0.00%	0.00%	-0.09%	-0.04%	-0.22%	0.17%	0.41%	0.23%	15.90%
505	George West	5.45%	0.00%	0.00%	-0.01%	-0.05%	-0.35%	-0.04%	0.02%	-0.43%	5.02%
506	Georgetown	11.71%	0.00%	0.00%	-0.06%	-0.04%	-0.14%	0.01%	-0.01%	-0.24%	11.47%
510	Giddings	18.61%	0.00%	0.00%	-0.10%	0.10%	0.10%	-0.02%	-0.23%	-0.15%	18.46%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
512	Gilmer	13.65%	0.00%	0.00%	-0.09%	0.02%	0.02%	-0.11%	-0.56%	-0.72%	12.93%
514	Gladewater	3.70%	0.00%	0.00%	-0.06%	0.02%	0.00%	0.00%	-0.45%	-0.49%	3.21%
516	Glen Rose	13.92%	0.00%	0.00%	-0.07%	0.07%	0.07%	1.41%	-0.12%	1.36%	15.28%
517	Glenn Heights	3.24%	0.00%	0.00%	-0.06%	0.00%	0.01%	0.08%	-0.07%	-0.04%	3.20%
518	Godley	2.37%	0.00%	0.00%	-0.02%	0.02%	0.03%	-0.31%	-0.10%	-0.38%	1.99%
519	Goldsmith	2.69%	0.00%	0.00%	-0.07%	-0.10%	-0.11%	-0.07%	0.39%	0.04%	2.73%
520	Goldthwaite	25.81%	0.00%	0.00%	-0.21%	0.00%	0.77%	-0.02%	-0.52%	0.02%	25.83%
522	Goliad	1.90%	0.00%	0.00%	-0.12%	0.00%	-0.13%	-0.69%	0.10%	-0.84%	1.06%
524	Gonzales	11.20%	0.00%	0.00%	-0.08%	-0.24%	-0.68%	-0.08%	0.27%	-0.81%	10.39%
532	Graford	2.53%	0.00%	0.00%	-0.02%	0.02%	0.00%	0.00%	0.12%	0.12%	2.65%
10534	Graham	12.28%	0.00%	0.00%	-0.10%	0.00%	0.22%	0.03%	-0.52%	-0.37%	11.91%
536	Granbury	15.59%	0.00%	0.00%	-0.09%	-0.02%	-0.09%	0.07%	-0.26%	-0.39%	15.20%
540	Grand Prairie	16.44%	0.00%	0.00%	-0.17%	-0.09%	-0.22%	0.01%	-0.31%	-0.78%	15.66%
542	Grand Saline	6.38%	0.00%	0.00%	-0.08%	0.09%	0.15%	0.08%	-1.05%	-0.81%	5.57%
544	Grandview	4.86%	0.00%	0.00%	-0.05%	0.07%	0.02%	0.13%	0.05%	0.22%	5.08%
546	Granger	0.25%	0.00%	0.00%	0.00%	-0.02%	0.00%	-0.21%	-0.02%	-0.25%	0.00%
547	Granite Shoals	4.25%	0.00%	0.00%	-0.02%	0.06%	-0.01%	0.17%	0.00%	0.20%	4.45%
548	Grapeland	5.17%	0.00%	0.00%	-0.03%	0.05%	0.03%	0.12%	-1.22%	-1.05%	4.12%
550	Grapevine	19.40%	0.00%	0.00%	-0.12%	0.08%	0.13%	-0.07%	-0.36%	-0.34%	19.06%
552	Greenville	10.59%	0.00%	0.00%	-0.23%	-0.06%	-0.02%	0.16%	-0.14%	-0.29%	10.30%
551	Gregory	5.08%	0.00%	0.00%	-0.03%	0.13%	-0.02%	-0.21%	-1.22%	-1.35%	3.73%
553	Grey Forest Utilities	15.84%	0.00%	0.00%	-0.11%	-0.24%	-1.01%	-0.46%	1.16%	-0.66%	15.18%
556	Groesbeck	2.38%	0.00%	0.00%	-0.02%	0.01%	0.03%	-0.01%	-0.06%	-0.05%	2.33%
558	Groom	2.73%	0.00%	0.00%	-0.04%	0.01%	0.03%	-0.40%	-0.07%	-0.47%	2.26%
559	Groves	9.58%	0.00%	0.00%	-0.26%	0.04%	0.04%	0.01%	-0.53%	-0.70%	8.88%
560	Groveton	1.38%	0.00%	0.00%	-0.02%	0.01%	0.00%	0.02%	0.09%	0.10%	1.48%
562	Gruver	8.05%	0.00%	0.00%	-0.10%	0.18%	-0.03%	-1.13%	-0.59%	-1.67%	6.38%
563	Gun Barrel City	5.48%	0.00%	0.00%	-0.03%	0.02%	0.00%	0.08%	-0.03%	0.04%	5.52%
564	Gunter	3.49%	0.00%	0.00%	-0.01%	0.11%	-0.20%	-0.01%	-0.04%	-0.15%	3.34%
568	Hale Center	2.85%	0.00%	0.00%	-0.01%	0.03%	-0.01%	0.09%	-1.21%	-1.11%	1.74%
570	Hallettsville	12.38%	0.00%	0.00%	-0.14%	-0.08%	-0.08%	-0.01%	-0.02%	-0.33%	12.05%
572	Hallsville	3.12%	0.00%	0.00%	-0.01%	0.00%	0.00%	-0.09%	-0.08%	-0.18%	2.94%
574	Haltom City	19.28%	0.00%	0.00%	-0.13%	-0.06%	0.02%	-0.05%	-0.34%	-0.56%	18.72%
576	Hamilton	21.52%	0.00%	0.00%	-0.14%	-0.09%	-0.80%	0.82%	-0.57%	-0.78%	20.74%
578	Hamlin	12.34%	0.00%	0.00%	-0.18%	-0.13%	-0.72%	-0.29%	-0.13%	-1.45%	10.89%
580	Happy	12.57%	0.00%	0.00%	-0.11%	-0.05%	0.23%	0.14%	-0.40%	-0.19%	12.38%
581	Harker Heights	14.95%	0.00%	0.00%	-0.05%	0.04%	-0.05%	-0.18%	-0.08%	-0.32%	14.63%
10582	Harlingen	8.08%	0.00%	0.00%	-0.33%	-0.05%	0.14%	-0.07%	-0.76%	-1.07%	7.01%
20582	Harlingen Waterworks Sys	1.08%	0.00%	0.00%	-0.11%	-0.06%	0.00%	-0.09%	-0.23%	-0.49%	0.59%
583	Hart	2.77%	0.00%	0.00%	-0.02%	-0.05%	-0.07%	-0.01%	0.06%	-0.09%	2.68%
586	Haskell	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
587	Haslet	9.67%	0.00%	0.00%	-0.04%	0.05%	0.00%	-0.03%	-1.48%	-1.50%	8.17%
588	Hawkins	2.79%	10.03%	0.00%	-0.13%	0.74%	0.21%	-0.02%	-0.29%	10.54%	13.33%
585	Hays	6.35%	0.00%	0.00%	-0.22%	0.09%	-0.31%	-0.01%	-0.08%	-0.53%	5.82%
590	Hearne	15.78%	0.00%	0.00%	-0.06%	0.05%	-0.35%	-0.15%	-0.27%	-0.78%	15.00%
591	Heath	10.75%	0.00%	0.00%	-0.04%	0.10%	0.00%	0.00%	-0.11%	-0.05%	10.70%
592	Hedley	1.15%	0.00%	0.00%	-0.07%	-0.01%	-0.12%	1.94%	0.11%	1.85%	3.00%
595	Hedwig Village	6.28%	0.00%	0.00%	-0.08%	0.02%	-0.03%	-0.03%	-0.04%	-0.16%	6.12%
593	Helotes	6.34%	0.00%	0.00%	-0.03%	0.07%	-0.03%	-0.19%	-0.07%	-0.25%	6.09%
594	Hemphill	5.07%	0.00%	0.00%	-0.30%	0.09%	0.00%	-0.16%	-1.19%	-1.56%	3.51%
596	Hempstead	9.37%	0.00%	0.00%	-0.08%	0.03%	0.00%	-0.03%	-0.65%	-0.73%	8.64%
598	Henderson	15.13%	0.00%	0.00%	-0.10%	0.00%	0.19%	0.21%	-0.09%	0.21%	15.34%
600	Henrietta	15.08%	0.00%	0.00%	-0.07%	0.05%	0.01%	-0.28%	-0.69%	-0.98%	14.10%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
602	Hereford	10.67%	0.00%	0.00%	-0.10%	-0.02%	0.09%	0.04%	-0.25%	-0.24%	10.43%
605	Hewitt	15.32%	0.00%	0.00%	-0.07%	-0.03%	-0.25%	-0.04%	0.38%	-0.01%	15.31%
609	Hickory Creek	12.90%	0.00%	0.00%	-0.03%	0.15%	0.02%	-0.60%	-1.63%	-2.09%	10.81%
606	Hico	4.87%	0.00%	0.00%	-0.06%	-0.02%	-0.07%	0.06%	-0.23%	-0.32%	4.55%
607	Hidalgo	12.98%	0.00%	0.00%	-0.07%	0.10%	0.09%	0.55%	-1.01%	-0.34%	12.64%
608	Higgins	3.86%	0.00%	0.00%	-0.07%	-0.10%	0.00%	0.02%	-0.07%	-0.22%	3.64%
610	Highland Park	3.95%	0.00%	0.00%	-0.17%	-0.11%	0.00%	0.03%	-0.56%	-0.81%	3.14%
611	Highland Village	13.29%	0.00%	0.00%	-0.06%	0.05%	-0.01%	-0.03%	-0.04%	-0.09%	13.20%
613	Hill Country Village	3.88%	0.00%	0.00%	-0.05%	0.04%	0.00%	0.00%	-0.73%	-0.74%	3.14%
612	Hillsboro	11.23%	0.00%	0.00%	-0.08%	-0.04%	0.00%	-0.11%	-0.25%	-0.48%	10.75%
614	Hitchcock	4.20%	0.00%	0.00%	-0.05%	-0.01%	-0.02%	-0.20%	-0.10%	-0.38%	3.82%
615	Holland	7.40%	0.00%	0.00%	-0.10%	-0.01%	-0.10%	-0.04%	0.49%	0.24%	7.64%
616	Holliday	1.92%	0.00%	0.00%	-0.03%	0.02%	-0.01%	0.05%	-0.02%	0.01%	1.93%
617	Hollywood Park	8.94%	0.00%	0.00%	-0.06%	0.00%	-0.06%	0.06%	0.07%	0.01%	8.95%
618	Hondo	9.36%	0.00%	0.00%	-0.08%	-0.06%	-0.11%	-0.04%	-0.07%	-0.36%	9.00%
620	Honey Grove	7.90%	0.00%	0.00%	-0.08%	-0.03%	0.06%	0.08%	-0.64%	-0.61%	7.29%
622	Hooks	1.01%	0.00%	0.00%	-0.05%	0.02%	-0.01%	-0.14%	0.04%	-0.14%	0.87%
626	Howe	4.78%	0.00%	0.00%	-0.10%	-0.25%	0.08%	-0.15%	0.14%	-0.28%	4.50%
627	Hubbard	0.54%	0.00%	0.00%	-0.03%	-0.03%	0.07%	-0.07%	-0.08%	-0.14%	0.40%
628	Hudson	3.17%	0.00%	0.00%	-0.02%	0.04%	0.01%	0.14%	0.15%	0.32%	3.49%
629	Hudson Oaks	13.56%	0.00%	0.00%	-0.04%	0.13%	-0.02%	-0.41%	-0.33%	-0.67%	12.89%
630	Hughes Springs	17.42%	0.00%	0.00%	-0.61%	0.06%	-0.10%	0.19%	-1.60%	-2.06%	15.36%
632	Humble	14.00%	0.00%	0.00%	-0.12%	-0.05%	-0.01%	0.02%	-0.26%	-0.42%	13.58%
633	Hunters Creek Village	14.25%	0.00%	0.00%	-0.08%	0.60%	0.41%	-0.86%	-0.32%	-0.25%	14.00%
634	Huntington	15.08%	0.00%	0.00%	-0.09%	0.06%	0.02%	-0.33%	-0.97%	-1.31%	13.77%
636	Huntsville	17.26%	0.00%	0.00%	-0.14%	0.05%	0.10%	0.07%	-0.27%	-0.19%	17.07%
637	Hurst	10.11%	0.04%	0.00%	-0.18%	-0.04%	-0.10%	0.13%	-0.33%	-0.48%	9.63%
638	Hutchins	6.95%	0.00%	0.00%	-0.05%	0.08%	0.01%	0.26%	-0.31%	-0.01%	6.94%
640	Hutto	13.40%	0.00%	0.00%	-0.02%	0.10%	-0.06%	-0.15%	-0.13%	-0.26%	13.14%
641	Huxley	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
642	Idalou	3.95%	0.00%	0.00%	0.00%	0.07%	0.03%	0.14%	-0.13%	0.11%	4.06%
643	Ingleside	10.34%	0.00%	0.00%	-0.06%	0.03%	-0.05%	0.23%	-0.14%	0.01%	10.35%
646	Ingram	5.12%	0.00%	0.00%	-0.04%	0.00%	-0.04%	0.12%	0.23%	0.27%	5.39%
644	Iowa Park	13.84%	0.00%	0.00%	-0.07%	-0.10%	-0.36%	0.04%	0.28%	-0.21%	13.63%
645	Iraan	14.18%	0.00%	0.00%	-0.16%	-0.14%	0.31%	-0.17%	0.41%	0.25%	14.43%
648	Irving	10.54%	3.46%	0.00%	-0.31%	0.35%	-0.01%	-0.08%	-0.62%	2.79%	13.33%
650	Italy	2.36%	0.00%	0.00%	-0.01%	0.01%	0.00%	-0.04%	-0.07%	-0.11%	2.25%
652	Itasca	10.11%	0.00%	0.00%	-0.06%	-0.06%	0.00%	0.46%	-0.23%	0.11%	10.22%
654	Jacinto City	9.41%	0.00%	0.00%	-0.10%	0.05%	0.19%	-0.07%	-0.72%	-0.65%	8.76%
656	Jacksboro	13.96%	0.00%	0.00%	-0.07%	0.11%	0.02%	-0.16%	-0.10%	-0.20%	13.76%
658	Jacksonville	11.33%	0.00%	0.00%	-0.10%	0.03%	0.05%	0.01%	-0.53%	-0.54%	10.79%
660	Jasper	9.03%	0.00%	0.00%	-0.16%	-0.02%	-0.04%	0.01%	0.12%	-0.09%	8.94%
664	Jefferson	4.23%	0.00%	0.00%	-0.07%	-0.23%	-0.01%	-0.10%	-0.51%	-0.92%	3.31%
665	Jersey Village	15.25%	0.00%	0.00%	-0.07%	0.08%	0.13%	0.02%	-0.53%	-0.37%	14.88%
666	Jewett	8.49%	0.00%	0.00%	-0.06%	0.00%	0.13%	-0.06%	-0.17%	-0.16%	8.33%
668	Joaquin	3.84%	0.00%	0.00%	-0.03%	0.00%	-0.01%	0.01%	0.14%	0.11%	3.95%
670	Johnson City	9.26%	0.00%	0.00%	-0.05%	0.04%	0.10%	1.01%	-0.96%	0.14%	9.40%
673	Jones Creek	5.77%	0.00%	0.00%	-0.06%	-0.03%	-0.03%	-0.05%	0.14%	-0.03%	5.74%
675	Jonestown	5.26%	0.00%	0.00%	-0.01%	0.06%	0.01%	-0.06%	-0.12%	-0.12%	5.14%
677	Josephine	5.86%	0.00%	0.00%	-0.04%	-0.01%	-0.08%	-0.09%	0.69%	0.47%	6.33%
671	Joshua	4.94%	0.00%	0.00%	-0.03%	0.08%	0.01%	0.17%	-0.11%	0.12%	5.06%
672	Jourdanton	6.10%	0.00%	0.00%	-0.04%	-0.07%	-0.14%	-0.14%	0.45%	0.06%	6.16%
674	Junction	12.92%	0.00%	0.00%	-0.10%	-0.03%	0.63%	0.31%	0.69%	1.50%	14.42%
676	Justin	2.84%	0.00%	0.00%	-0.02%	0.01%	-0.02%	-0.07%	-0.45%	-0.55%	2.29%



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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
678	Karnes City	4.96%	0.00%	0.00%	-0.04%	-0.04%	-0.25%	-0.01%	0.38%	0.04%	5.00%
680	Katy	15.54%	0.00%	0.00%	-0.10%	-0.18%	-0.48%	0.05%	-0.38%	-1.09%	14.45%
682	Kaufman	15.16%	0.00%	0.00%	-0.07%	0.01%	-0.15%	-0.13%	-0.80%	-1.14%	14.02%
683	Keene	14.47%	0.00%	0.00%	-0.06%	-0.01%	0.09%	-0.26%	0.03%	-0.21%	14.26%
681	Keller	15.53%	0.00%	0.00%	-0.08%	0.05%	0.13%	-0.35%	-0.35%	-0.60%	14.93%
685	Kemah	5.28%	0.00%	0.00%	-0.04%	0.10%	0.00%	0.02%	-0.13%	-0.05%	5.23%
684	Kemp	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
686	Kenedy	4.25%	0.00%	0.00%	-0.04%	-0.19%	-0.63%	0.21%	0.68%	0.03%	4.28%
688	Kennedale	14.44%	0.00%	0.00%	-0.05%	0.20%	0.17%	-0.32%	-0.22%	-0.22%	14.22%
692	Kermit	15.08%	0.00%	0.00%	-0.09%	-0.24%	-0.29%	1.34%	-0.44%	0.28%	15.36%
10694	Kerrville	8.59%	0.00%	0.00%	-0.10%	-0.01%	0.01%	-0.09%	0.02%	-0.17%	8.42%
20694	Kerrville PUB	11.79%	0.00%	0.00%	-0.13%	0.00%	-0.09%	-0.02%	0.25%	0.01%	11.80%
10696	Kilgore	15.99%	0.00%	0.00%	-0.11%	-0.02%	-0.01%	-0.07%	-1.15%	-1.36%	14.63%
698	Killeen	7.75%	0.49%	0.00%	-0.08%	0.04%	-0.02%	0.01%	-0.06%	0.38%	8.13%
700	Kingsville	9.59%	0.00%	0.00%	-0.13%	-0.05%	-0.07%	0.10%	-0.07%	-0.22%	9.37%
701	Kirby	13.38%	0.00%	0.00%	-0.06%	0.06%	-0.02%	0.46%	-0.71%	-0.27%	13.11%
702	Kirbyville	5.56%	0.00%	0.00%	-0.06%	-0.02%	-0.23%	0.07%	0.03%	-0.21%	5.35%
704	Knox City	0.00%	0.00%	0.00%	-0.06%	0.00%	0.27%	0.68%	0.17%	1.06%	1.06%
708	Kountze	1.07%	0.00%	0.00%	-0.01%	0.03%	-0.01%	-0.03%	-0.11%	-0.13%	0.94%
709	Kress	10.48%	0.00%	0.00%	-0.30%	-0.24%	-0.29%	0.00%	0.89%	0.06%	10.54%
699	Krugerville	7.76%	0.00%	0.00%	-0.01%	0.30%	-0.43%	-0.72%	0.73%	-0.13%	7.63%
707	Krum	3.55%	0.00%	0.00%	-0.02%	0.09%	-0.03%	0.20%	-0.10%	0.14%	3.69%
710	Kyle	11.53%	0.00%	0.00%	-0.03%	0.14%	-0.02%	-0.13%	0.03%	-0.01%	11.52%
725	La Coste	0.90%	0.00%	0.00%	-0.02%	0.04%	-0.05%	-0.01%	0.06%	0.02%	0.92%
714	La Feria	9.76%	0.00%	0.00%	-0.05%	0.00%	0.14%	0.01%	-0.09%	0.01%	9.77%
716	La Grange	16.01%	0.00%	0.00%	-0.13%	-0.08%	-0.34%	0.13%	-0.15%	-0.57%	15.44%
723	La Grulla	4.76%	0.00%	0.00%	-0.05%	0.12%	-0.99%	-0.18%	-0.36%	-1.46%	3.30%
732	La Joya	5.20%	0.00%	0.00%	-0.01%	0.06%	0.56%	0.07%	-0.40%	0.28%	5.48%
721	La Marque	9.34%	0.00%	0.00%	-0.09%	-0.01%	0.08%	-0.01%	-0.20%	-0.23%	9.11%
728	La Porte	16.12%	0.00%	0.00%	-0.18%	-0.05%	0.03%	0.08%	-0.36%	-0.48%	15.64%
731	La Vernia	2.60%	0.00%	0.00%	-0.01%	-0.01%	-0.12%	0.01%	-0.03%	-0.16%	2.44%
711	Lacy-Lakeview	13.53%	0.00%	0.00%	-0.05%	0.02%	-0.23%	-0.09%	0.40%	0.05%	13.58%
712	Ladonia	3.41%	0.00%	0.00%	-0.04%	0.00%	-0.70%	-2.30%	-0.26%	-3.30%	0.11%
713	Lago Vista	6.63%	0.00%	0.00%	-0.05%	0.02%	0.00%	0.10%	-0.22%	-0.15%	6.48%
705	Laguna Vista	2.48%	0.00%	0.00%	-0.02%	0.01%	0.00%	0.03%	0.00%	0.02%	2.50%
717	Lake Dallas	12.15%	0.00%	0.00%	-0.08%	-0.05%	-0.02%	-0.06%	0.62%	0.41%	12.56%
718	Lake Jackson	12.62%	0.00%	0.00%	-0.19%	-0.02%	0.12%	0.04%	-0.84%	-0.89%	11.73%
719	Lake Worth	12.48%	0.00%	0.00%	-0.05%	0.04%	0.01%	0.01%	0.03%	0.04%	12.52%
727	Lakeport	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
715	Lakeside	6.97%	0.00%	0.00%	-0.05%	0.20%	-0.01%	0.06%	-0.04%	0.16%	7.13%
729	Lakeside City	1.33%	0.00%	0.00%	-0.02%	0.03%	-0.03%	-0.01%	-0.08%	-0.11%	1.22%
720	Lakeway	12.90%	0.00%	0.00%	-0.04%	0.01%	-0.25%	0.14%	0.19%	0.05%	12.95%
722	Lamesa	3.75%	0.00%	0.00%	-0.15%	-0.01%	-0.01%	0.26%	-0.24%	-0.15%	3.60%
724	Lampasas	14.56%	0.00%	0.00%	-0.09%	-0.06%	-0.18%	-0.07%	0.00%	-0.40%	14.16%
726	Lancaster	14.00%	0.00%	0.00%	-0.11%	-0.06%	-0.21%	-0.01%	-0.31%	-0.70%	13.30%
730	Laredo	21.65%	0.00%	0.00%	-0.10%	0.10%	-0.06%	-0.02%	-0.28%	-0.36%	21.29%
733	Lavon	4.50%	0.00%	0.00%	-0.02%	0.12%	-0.01%	0.24%	-0.12%	0.21%	4.71%
736	League City	15.10%	0.00%	0.00%	-0.08%	0.06%	0.02%	0.10%	-0.34%	-0.24%	14.86%
737	Leander	12.13%	0.00%	0.00%	-0.02%	0.07%	-0.08%	0.04%	0.04%	0.05%	12.18%
739	Leon Valley	15.67%	0.00%	0.00%	-0.21%	-0.04%	-0.10%	-0.07%	-1.27%	-1.69%	13.98%
738	Leonard	0.67%	0.00%	0.00%	-0.03%	0.03%	-0.01%	-0.04%	-0.01%	-0.06%	0.61%
740	Levelland	12.37%	0.00%	0.00%	-0.15%	-0.05%	-0.16%	0.08%	-0.15%	-0.43%	11.94%
742	Lewisville	16.88%	0.00%	0.00%	-0.13%	-0.01%	-0.02%	-0.04%	-0.41%	-0.61%	16.27%
744	Lexington	8.56%	0.00%	0.00%	-0.11%	0.03%	0.06%	-0.04%	0.29%	0.23%	8.79%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
746	Liberty	5.06%	11.77%	0.00%	-0.04%	0.73%	0.21%	-0.09%	0.10%	12.68%	17.74%
745	Liberty Hill	2.56%	0.00%	0.00%	-0.01%	-0.02%	-0.04%	0.04%	0.22%	0.19%	2.75%
748	Lindale	15.08%	0.00%	0.00%	-0.04%	-0.03%	-0.31%	-0.01%	-0.35%	-0.74%	14.34%
750	Linden	1.56%	0.00%	0.00%	-0.04%	-0.06%	0.02%	-0.07%	-0.07%	-0.22%	1.34%
755	Lipan	1.58%	0.00%	0.00%	-0.01%	0.04%	0.00%	0.02%	0.06%	0.11%	1.69%
751	Little Elm	12.82%	0.00%	0.00%	-0.03%	0.08%	-0.14%	-0.09%	0.28%	0.10%	12.92%
752	Littlefield	9.65%	0.00%	0.00%	-0.09%	-0.10%	-0.40%	-0.17%	0.21%	-0.55%	9.10%
753	Live Oak	17.92%	0.00%	0.00%	-0.11%	0.01%	0.08%	-0.11%	-0.17%	-0.30%	17.62%
757	Liverpool	1.31%	0.00%	0.00%	-0.01%	0.01%	-0.08%	0.45%	0.24%	0.61%	1.92%
754	Livingston	16.72%	0.00%	0.00%	-0.18%	-0.10%	-0.45%	-0.11%	0.17%	-0.67%	16.05%
756	Llano	9.93%	0.00%	0.00%	-0.08%	0.09%	0.35%	0.07%	-0.69%	-0.26%	9.67%
758	Lockhart	12.32%	0.00%	0.00%	-0.12%	0.03%	0.11%	-0.08%	-0.40%	-0.46%	11.86%
760	Lockney	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
765	Lone Star	3.06%	0.00%	0.00%	-0.08%	-0.05%	0.00%	-0.05%	-0.05%	-0.23%	2.83%
766	Longview	10.08%	0.00%	0.00%	-0.13%	-0.04%	-0.09%	-0.07%	0.11%	-0.22%	9.86%
768	Loraine	4.68%	0.00%	0.00%	-0.02%	0.03%	-0.01%	-1.79%	-0.84%	-2.63%	2.05%
769	Lorena	6.59%	0.00%	0.00%	-0.04%	0.10%	0.00%	0.08%	-0.06%	0.08%	6.67%
770	Lorenzo	2.35%	0.00%	0.00%	-0.06%	0.02%	0.25%	-0.21%	-0.17%	-0.17%	2.18%
771	Los Fresnos	1.04%	0.00%	0.00%	-0.04%	0.00%	0.03%	-0.04%	-0.16%	-0.21%	0.83%
773	Lott	0.72%	0.00%	0.00%	-0.01%	0.01%	0.13%	0.10%	-0.08%	0.15%	0.87%
774	Lovelady	2.42%	3.47%	0.00%	-0.01%	0.38%	-0.05%	0.02%	-0.14%	3.67%	6.09%
778	Lubbock	18.57%	0.00%	0.00%	-0.16%	-0.01%	0.05%	0.00%	-0.49%	-0.61%	17.96%
779	Lucas	9.61%	4.21%	0.00%	-0.03%	0.21%	-0.68%	0.00%	0.00%	3.71%	13.32%
782	Lufkin	16.20%	0.00%	0.00%	-0.12%	0.00%	0.19%	-0.14%	-0.41%	-0.48%	15.72%
784	Luling	8.70%	0.00%	0.00%	-0.06%	0.02%	0.03%	0.20%	-0.38%	-0.19%	8.51%
785	Lumberton	17.82%	0.00%	0.00%	-0.07%	-0.04%	-0.16%	0.08%	-0.94%	-1.13%	16.69%
786	Lyford	4.20%	0.00%	0.00%	-0.01%	0.03%	0.18%	0.02%	-0.06%	0.16%	4.36%
787	Lytle	9.03%	0.00%	0.00%	-0.05%	-0.01%	-0.13%	0.02%	0.15%	-0.02%	9.01%
790	Madisonville	9.34%	0.00%	0.00%	-0.05%	0.04%	0.12%	0.09%	-0.51%	-0.31%	9.03%
791	Magnolia	1.22%	0.00%	0.00%	-0.02%	0.07%	0.01%	0.12%	-0.02%	0.16%	1.38%
792	Malakoff	5.36%	0.00%	0.00%	-0.04%	0.09%	-0.06%	0.46%	0.11%	0.56%	5.92%
796	Manor	2.94%	0.35%	0.00%	-0.02%	0.04%	0.05%	-0.01%	0.01%	0.42%	3.36%
798	Mansfield	14.49%	0.00%	0.00%	-0.08%	-0.04%	-0.09%	-0.15%	0.01%	-0.35%	14.14%
799	Manvel	3.66%	1.81%	0.00%	-0.03%	0.15%	-0.01%	0.14%	-0.07%	1.99%	5.65%
800	Marble Falls	4.43%	0.00%	0.00%	-0.08%	-0.01%	0.00%	0.06%	-0.05%	-0.08%	4.35%
802	Marfa	0.38%	0.00%	0.00%	-0.09%	0.00%	0.23%	0.05%	0.34%	0.53%	0.91%
804	Marion	5.02%	0.00%	0.00%	-0.04%	-0.02%	0.08%	0.02%	-0.02%	0.02%	5.04%
806	Marlin	9.08%	0.00%	0.00%	-0.07%	0.16%	0.33%	0.04%	-0.25%	0.21%	9.29%
810	Marshall	16.73%	0.00%	0.00%	-0.15%	0.04%	0.32%	-0.03%	-0.72%	-0.54%	16.19%
812	Mart	1.46%	0.00%	0.00%	-0.08%	0.05%	0.24%	0.01%	-0.41%	-0.19%	1.27%
813	Martindale	8.52%	0.00%	0.00%	-0.01%	0.23%	-0.02%	0.15%	-0.02%	0.33%	8.85%
814	Mason	6.37%	0.00%	0.00%	-0.08%	-0.04%	0.00%	-0.11%	-0.10%	-0.33%	6.04%
816	Matador	4.77%	0.00%	0.00%	-0.04%	0.12%	0.64%	0.17%	0.46%	1.35%	6.12%
818	Mathis	2.99%	0.00%	0.00%	-0.05%	0.12%	-0.36%	0.63%	-0.29%	0.05%	3.04%
820	Maud	3.43%	0.00%	0.00%	0.00%	0.05%	-0.07%	-0.16%	0.03%	-0.15%	3.28%
822	Maypearl	1.66%	0.00%	0.00%	-0.03%	0.08%	0.00%	-0.08%	0.01%	-0.02%	1.64%
824	McAllen	6.53%	0.00%	0.00%	-0.15%	-0.01%	0.01%	-0.02%	-0.08%	-0.25%	6.28%
826	McCamey	1.09%	0.00%	0.00%	-0.12%	-0.06%	0.10%	0.03%	0.57%	0.52%	1.61%
828	McGregor	10.64%	0.00%	0.00%	-0.06%	-0.05%	0.01%	0.05%	-0.04%	-0.09%	10.55%
830	McKinney	15.70%	0.00%	0.00%	-0.06%	0.00%	-0.16%	-0.08%	-0.22%	-0.52%	15.18%
832	McLean	2.76%	0.00%	0.00%	-0.03%	-0.95%	0.01%	0.01%	-0.22%	-1.18%	1.58%
831	Meadowlakes	1.46%	0.00%	0.00%	-0.02%	0.02%	0.04%	0.14%	-0.34%	-0.16%	1.30%
835	Meadows Place	7.33%	0.22%	0.00%	-0.11%	0.05%	0.03%	-0.11%	-1.49%	-1.41%	5.92%
837	Melissa	6.93%	0.00%	0.00%	-0.02%	0.13%	-0.05%	0.01%	0.07%	0.14%	7.07%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1501	Memorial Villages PD	9.92%	0.00%	0.00%	-0.11%	0.02%	-0.16%	-0.14%	-0.23%	-0.62%	9.30%
840	Memphis	5.98%	0.00%	0.00%	-0.24%	-0.11%	0.06%	-0.07%	-0.69%	-1.05%	4.93%
842	Menard	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
844	Mercedes	20.04%	0.00%	0.00%	-0.08%	0.03%	-0.37%	0.31%	-0.84%	-0.95%	19.09%
846	Meridian	2.16%	0.00%	0.00%	-0.04%	-0.05%	0.04%	-0.07%	0.22%	0.10%	2.26%
848	Merkel	13.74%	0.00%	0.00%	-0.05%	0.01%	0.02%	-0.09%	-0.30%	-0.41%	13.33%
852	Mertzon	10.64%	0.00%	0.00%	-0.03%	-0.12%	-1.86%	0.45%	-0.60%	-2.16%	8.48%
854	Mesquite	10.46%	0.16%	0.00%	-0.29%	0.03%	0.03%	-0.03%	-0.22%	-0.32%	10.14%
856	Mexia	12.58%	0.00%	0.00%	-0.07%	0.04%	-0.01%	-0.07%	-0.67%	-0.78%	11.80%
860	Midland	15.04%	0.00%	0.00%	-0.18%	-0.10%	-0.06%	0.07%	0.25%	-0.02%	15.02%
862	Midlothian	14.46%	0.00%	0.00%	-0.06%	0.01%	-0.19%	0.04%	-0.21%	-0.41%	14.05%
864	Miles	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
865	Milford	9.29%	0.00%	0.00%	-0.12%	-0.06%	-0.38%	-0.05%	-0.40%	-1.01%	8.28%
868	Mineola	3.92%	0.00%	0.00%	-0.08%	0.02%	0.10%	-0.22%	-0.21%	-0.39%	3.53%
870	Mineral Wells	9.43%	0.00%	0.00%	-0.12%	-0.04%	0.00%	0.10%	-0.52%	-0.58%	8.85%
874	Mission	7.94%	0.00%	0.00%	-0.05%	0.02%	0.00%	-0.06%	0.01%	-0.08%	7.86%
875	Missouri City	5.24%	0.37%	0.00%	-0.13%	0.01%	0.00%	-0.03%	-0.06%	0.16%	5.40%
876	Monahans	9.42%	0.00%	0.00%	-0.10%	-0.10%	-0.23%	0.04%	-0.10%	-0.49%	8.93%
887	Mont Belvieu	12.14%	3.54%	0.00%	-0.08%	0.17%	-0.47%	0.03%	0.60%	3.79%	15.93%
877	Montgomery	4.13%	0.00%	0.00%	-0.02%	0.04%	0.08%	0.44%	-0.54%	0.00%	4.13%
878	Moody	2.62%	0.00%	0.00%	-0.06%	-0.09%	-0.03%	-0.03%	0.28%	0.07%	2.69%
883	Morgan's Point	9.80%	0.00%	0.00%	-0.10%	0.05%	0.01%	-0.12%	0.01%	-0.15%	9.65%
882	Morgan's Point Resort	11.72%	0.00%	0.00%	-0.05%	0.14%	-0.04%	-0.29%	0.20%	-0.04%	11.68%
884	Morton	8.79%	0.00%	0.00%	-0.15%	-0.31%	-0.04%	0.16%	-3.91%	-4.25%	4.54%
886	Moulton	6.42%	0.00%	0.00%	-0.12%	-0.01%	0.22%	0.33%	-0.16%	0.26%	6.68%
890	Mount Enterprise	2.49%	0.00%	0.00%	-0.11%	-0.38%	-0.01%	0.01%	-0.09%	-0.58%	1.91%
892	Mt. Pleasant	15.98%	0.00%	0.00%	-0.10%	-0.05%	-0.10%	-0.16%	-0.22%	-0.63%	15.35%
894	Mt. Vernon	10.78%	0.00%	0.00%	-0.08%	0.09%	0.15%	0.03%	-0.78%	-0.59%	10.19%
896	Muenster	1.22%	0.00%	0.00%	-0.10%	0.05%	-0.04%	0.28%	-0.92%	-0.73%	0.49%
898	Muleshoe	16.72%	0.00%	0.00%	-0.16%	-0.11%	-0.06%	0.02%	-0.52%	-0.83%	15.89%
901	Munday	3.51%	0.00%	0.00%	0.00%	-0.22%	0.03%	0.00%	0.01%	-0.18%	3.33%
903	Murphy	13.96%	0.00%	0.00%	-0.04%	0.22%	-0.02%	-0.18%	-0.18%	-0.20%	13.76%
10904	Nacogdoches	14.33%	0.00%	0.00%	-0.13%	0.01%	0.18%	-0.07%	-0.39%	-0.40%	13.93%
906	Naples	2.33%	0.00%	0.00%	-0.04%	0.05%	-0.10%	0.06%	-0.37%	-0.40%	1.93%
907	Nash	4.57%	0.00%	0.00%	-0.04%	0.00%	-0.04%	-0.09%	0.18%	0.01%	4.58%
905	Nassau Bay	15.21%	0.00%	0.00%	-0.04%	0.14%	0.28%	-0.17%	-0.17%	0.04%	15.25%
909	Natalia	2.77%	0.00%	0.00%	-0.01%	0.06%	0.01%	-0.32%	-0.19%	-0.45%	2.32%
908	Navasota	7.63%	0.00%	0.00%	-0.11%	-0.06%	-0.01%	-0.08%	0.12%	-0.14%	7.49%
910	Nederland	6.16%	0.00%	0.00%	-0.22%	-0.10%	0.09%	0.02%	-0.53%	-0.74%	5.42%
912	Needville	4.44%	0.00%	0.00%	-1.62%	-0.39%	0.00%	-0.17%	1.00%	-1.18%	3.26%
914	New Boston	2.81%	0.00%	0.00%	-0.08%	-0.08%	-0.01%	0.11%	-0.41%	-0.47%	2.34%
10916	New Braunfels	17.53%	0.00%	0.00%	-0.06%	0.08%	0.01%	-0.12%	-0.21%	-0.30%	17.23%
20916	New Braunfels Utilities	13.54%	0.00%	0.00%	-0.16%	-0.15%	-0.17%	-0.02%	-0.59%	-1.09%	12.45%
915	New Deal	1.13%	0.00%	0.00%	0.00%	0.03%	0.00%	-0.11%	-1.05%	-1.13%	0.00%
923	New Fairview	5.05%	0.00%	0.00%	-0.03%	0.11%	0.47%	-0.99%	0.05%	-0.39%	4.66%
918	New London	6.02%	0.00%	0.00%	-0.09%	-0.08%	-0.12%	-0.09%	-0.39%	-0.77%	5.25%
919	New Summerfield	0.00%	1.16%	0.00%	-0.02%	0.07%	0.08%	0.05%	0.27%	1.61%	1.61%
917	New Waverly	4.87%	0.00%	0.00%	-0.15%	-0.01%	-0.02%	0.02%	1.22%	1.06%	5.93%
920	Newton	22.10%	0.00%	0.00%	-0.12%	-0.07%	-0.50%	-0.14%	-0.69%	-1.52%	20.58%
922	Nixon	0.95%	0.00%	0.00%	-0.03%	-0.01%	0.01%	0.14%	-0.06%	0.05%	1.00%
924	Nocona	10.05%	0.00%	0.00%	-0.05%	-0.04%	-0.06%	0.07%	-0.71%	-0.79%	9.26%
925	Nolanville	1.57%	0.00%	0.00%	0.00%	0.03%	-0.05%	0.01%	0.33%	0.32%	1.89%
928	Normangee	3.70%	0.00%	0.00%	-0.02%	0.11%	-0.03%	0.10%	-0.41%	-0.25%	3.45%
931	North Richland Hills	16.79%	0.00%	0.00%	-0.14%	0.01%	0.10%	-0.09%	-0.41%	-0.53%	16.26%

**Section 3**  
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930	Northlake	8.92%	0.00%	0.00%	-0.03%	0.13%	-0.05%	-0.06%	0.09%	0.08%	9.00%
935	O'Donnell	8.77%	0.00%	0.00%	-0.19%	-0.26%	-2.18%	-0.02%	0.71%	-1.94%	6.83%
936	Oak Point	6.16%	1.00%	0.00%	-0.02%	0.14%	0.07%	-0.32%	-0.33%	0.54%	6.70%
937	Oak Ridge North	12.34%	0.00%	0.00%	-0.05%	-0.10%	-0.35%	-0.18%	0.05%	-0.63%	11.71%
942	Odem	6.92%	0.00%	0.00%	-0.04%	0.05%	-0.08%	0.00%	-0.01%	-0.08%	6.84%
944	Odessa	14.01%	0.00%	0.00%	-0.17%	-0.26%	-0.33%	-0.03%	0.17%	-0.62%	13.39%
945	Oglesby	1.77%	0.00%	0.00%	-0.03%	0.03%	-0.27%	-1.57%	0.08%	-1.76%	0.01%
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	1.37%	0.00%	0.00%	-0.10%	0.03%	-0.05%	-0.12%	0.08%	-0.16%	1.21%
951	Olney	6.65%	0.00%	0.00%	-0.02%	0.15%	-0.01%	-0.08%	0.01%	0.05%	6.70%
953	Omaha	4.71%	0.00%	0.00%	-0.03%	0.01%	-0.01%	0.00%	0.09%	0.06%	4.77%
954	Onalaska	1.48%	0.00%	0.00%	-0.02%	0.02%	0.05%	0.00%	0.08%	0.13%	1.61%
958	Orange	19.29%	0.00%	0.00%	-0.19%	-0.06%	-0.09%	0.04%	-1.12%	-1.42%	17.87%
960	Orange Grove	2.23%	0.00%	0.00%	-0.08%	-0.23%	0.24%	0.08%	-0.29%	-0.28%	1.95%
959	Ore City	0.84%	0.00%	0.00%	-0.02%	-0.07%	-0.01%	0.01%	0.01%	-0.08%	0.76%
962	Overton	1.12%	0.00%	0.00%	-0.06%	-0.02%	-0.05%	0.15%	-0.22%	-0.20%	0.92%
961	Ovilla	8.77%	0.00%	0.00%	-0.05%	0.12%	0.00%	-0.07%	-0.04%	-0.04%	8.73%
963	Oyster Creek	9.61%	0.00%	0.00%	-0.07%	0.02%	-0.17%	-0.35%	0.31%	-0.26%	9.35%
964	Paducah	3.04%	0.00%	0.00%	-0.12%	-0.08%	-0.13%	-0.01%	-0.22%	-0.56%	2.48%
966	Palacios	17.36%	0.00%	0.00%	-0.06%	0.15%	0.36%	0.02%	-1.01%	-0.54%	16.82%
968	Palestine	14.75%	0.00%	0.00%	-0.11%	-0.04%	-0.11%	-0.24%	-0.32%	-0.82%	13.93%
970	Palmer	7.01%	0.00%	0.00%	-0.03%	0.06%	-0.01%	-0.07%	-0.18%	-0.23%	6.78%
969	Palmhurst	0.90%	0.00%	0.00%	-0.01%	0.05%	0.01%	-0.05%	-0.06%	-0.06%	0.84%
971	Palmview	2.04%	0.00%	0.00%	-0.01%	0.04%	-0.01%	-0.03%	-0.01%	-0.02%	2.02%
972	Pampa	21.52%	0.00%	0.00%	-0.12%	-0.01%	-0.04%	0.01%	-0.09%	-0.25%	21.27%
974	Panhandle	5.42%	8.24%	0.00%	-0.07%	0.49%	-0.62%	-0.29%	0.46%	8.21%	13.63%
973	Panorama Village	5.88%	0.00%	0.00%	-0.09%	0.05%	0.01%	-0.27%	0.08%	-0.22%	5.66%
975	Pantego	15.56%	0.00%	0.00%	-0.13%	0.13%	0.34%	1.08%	-0.41%	1.01%	16.57%
976	Paris	6.21%	0.00%	0.00%	-0.28%	0.04%	0.10%	-0.03%	-0.31%	-0.48%	5.73%
977	Parker	11.68%	0.00%	0.00%	-0.06%	0.06%	-0.37%	0.28%	-0.39%	-0.48%	11.20%
978	Pasadena	13.56%	0.00%	0.00%	-0.23%	-0.04%	-0.03%	-0.02%	-0.54%	-0.86%	12.70%
983	Pearland	13.51%	0.00%	0.00%	-0.06%	0.00%	-0.12%	0.05%	-0.01%	-0.14%	13.37%
984	Pearsall	3.43%	0.00%	0.00%	-0.06%	-0.07%	-0.16%	0.04%	0.11%	-0.14%	3.29%
988	Pecos City	5.34%	0.00%	0.00%	-0.08%	-0.02%	0.03%	0.05%	-0.14%	-0.16%	5.18%
994	Perryton	14.55%	0.00%	0.00%	-0.15%	-0.09%	-0.21%	0.01%	0.00%	-0.44%	14.11%
1000	Pflugerville	13.77%	0.00%	0.00%	-0.05%	0.02%	-0.14%	0.02%	0.02%	-0.13%	13.64%
1002	Pharr	6.78%	0.00%	0.00%	-0.08%	-0.03%	-0.07%	-0.02%	-0.06%	-0.26%	6.52%
1004	Pilot Point	9.60%	0.00%	0.00%	-0.05%	0.06%	-0.10%	-0.26%	-0.22%	-0.57%	9.03%
1005	Pinehurst	16.65%	0.00%	0.00%	-0.08%	0.04%	0.07%	-0.27%	-0.27%	-0.51%	16.14%
1003	Pineland	11.82%	0.00%	0.00%	-0.28%	-0.32%	-1.04%	-0.02%	0.10%	-1.56%	10.26%
1001	Piney Point Village	6.01%	0.00%	0.00%	-0.06%	0.05%	-0.12%	0.08%	0.73%	0.68%	6.69%
1006	Pittsburg	16.15%	0.00%	0.00%	-0.16%	-0.10%	-0.43%	0.06%	-0.17%	-0.80%	15.35%
1007	Plains	6.07%	0.00%	0.00%	-0.12%	-0.29%	0.07%	-0.11%	0.12%	-0.33%	5.74%
1008	Plainview	14.88%	0.00%	0.00%	-0.16%	-0.13%	0.16%	-0.47%	-0.50%	-1.10%	13.78%
1010	Plano	18.11%	0.00%	0.00%	-0.16%	-0.26%	-0.17%	0.01%	-0.09%	-0.67%	17.44%
1012	Pleasanton	16.64%	0.00%	0.00%	-0.06%	-0.15%	-0.23%	0.04%	0.04%	-0.36%	16.28%
1013	Point	6.62%	0.00%	0.00%	-0.03%	-0.02%	-0.20%	-0.28%	-0.25%	-0.78%	5.84%
1017	Ponder	5.14%	0.00%	0.00%	-0.03%	0.00%	0.00%	0.19%	-0.01%	0.15%	5.29%
1014	Port Aransas	12.52%	0.00%	0.00%	-0.05%	-0.02%	-0.14%	-0.03%	-0.06%	-0.30%	12.22%
11016	Port Arthur	14.20%	0.00%	0.00%	-0.16%	-0.05%	-0.08%	-0.03%	-0.27%	-0.59%	13.61%
1018	Port Isabel	3.90%	0.00%	0.00%	-0.04%	-0.02%	-0.01%	-0.04%	-0.14%	-0.25%	3.65%
1020	Port Lavaca	6.20%	0.00%	0.00%	-0.06%	0.04%	0.03%	-0.11%	-0.42%	-0.52%	5.68%
1022	Port Neches	11.84%	0.08%	0.00%	-0.19%	-0.04%	-0.09%	0.09%	-0.13%	-0.28%	11.56%
1019	Portland	14.51%	0.00%	0.00%	-0.07%	0.00%	0.06%	-0.16%	-0.04%	-0.21%	14.30%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1024	Post	9.53%	0.00%	0.00%	-0.06%	0.01%	0.16%	0.14%	0.30%	0.55%	10.08%
1026	Poteet	1.16%	0.00%	0.00%	-0.05%	0.02%	0.15%	-0.03%	-0.53%	-0.44%	0.72%
1028	Poth	3.12%	0.00%	0.00%	-0.03%	0.03%	0.02%	0.30%	0.05%	0.37%	3.49%
1030	Pottsboro	5.58%	0.00%	0.00%	-0.02%	0.14%	-0.01%	-0.01%	0.03%	0.13%	5.71%
1032	Premont	0.00%	0.00%	0.00%	-0.02%	0.00%	0.00%	0.00%	0.04%	0.02%	0.02%
1029	Presidio	0.57%	0.00%	0.00%	-0.02%	-0.15%	0.07%	-0.03%	0.00%	-0.13%	0.44%
1033	Primera	0.20%	0.00%	0.00%	-0.03%	-0.05%	0.13%	0.02%	0.06%	0.13%	0.33%
1034	Princeton	11.33%	0.00%	0.00%	-0.05%	0.07%	-0.15%	-0.23%	-0.36%	-0.72%	10.61%
1036	Prosper	13.39%	0.00%	0.00%	-0.02%	0.07%	-0.23%	0.25%	-0.08%	-0.01%	13.38%
1042	Quanah	11.38%	0.00%	0.00%	-0.20%	-0.31%	-0.34%	-0.11%	-0.48%	-1.44%	9.94%
1045	Queen City	1.66%	0.00%	0.00%	-0.03%	0.03%	0.07%	0.03%	-0.31%	-0.21%	1.45%
1044	Quinlan	3.24%	6.84%	0.00%	-0.02%	0.46%	-0.31%	0.39%	-0.12%	7.24%	10.48%
1047	Quintana	1.34%	0.00%	0.00%	-0.01%	0.05%	-0.02%	0.14%	-0.17%	-0.01%	1.33%
1046	Quitaque	4.46%	0.00%	0.00%	-0.06%	-0.10%	0.03%	0.00%	0.07%	-0.06%	4.40%
1048	Quitman	7.83%	0.47%	0.00%	-0.18%	-0.08%	-0.07%	0.20%	-0.07%	0.27%	8.10%
1050	Ralls	7.53%	0.00%	0.00%	-0.13%	0.03%	-0.03%	0.02%	-0.20%	-0.31%	7.22%
1051	Rancho Viejo	7.62%	0.00%	0.00%	-0.24%	-0.19%	-0.12%	0.03%	-0.87%	-1.39%	6.23%
1052	Ranger	8.44%	0.00%	0.00%	-0.05%	0.00%	-0.07%	0.70%	-0.24%	0.34%	8.78%
1054	Rankin	1.29%	0.00%	0.00%	-0.09%	-0.13%	0.07%	0.06%	-0.13%	-0.22%	1.07%
1055	Ransom Canyon	14.44%	0.00%	0.00%	-0.03%	0.08%	0.01%	-0.07%	-0.03%	-0.04%	14.40%
1058	Raymondville	1.10%	0.00%	0.00%	-0.13%	-0.05%	0.07%	0.10%	-0.61%	-0.62%	0.48%
1061	Red Oak	5.13%	0.00%	0.00%	-0.03%	0.05%	-0.01%	0.20%	-0.03%	0.18%	5.31%
1062	Redwater	3.45%	0.00%	0.00%	-0.02%	0.01%	-0.12%	-0.03%	0.10%	-0.06%	3.39%
1064	Refugio	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1065	Reklaw	17.61%	0.00%	0.00%	-0.13%	0.09%	-0.11%	-0.55%	-0.57%	-1.27%	16.34%
1066	Reno (Lamar County)	3.25%	0.00%	0.00%	-0.04%	0.09%	-0.16%	0.04%	0.00%	-0.07%	3.18%
1069	Reno (Parker County)	2.68%	0.00%	0.00%	-0.01%	0.07%	-0.01%	-0.08%	-0.13%	-0.16%	2.52%
1067	Rhome	6.80%	0.00%	0.00%	-0.03%	0.22%	-0.02%	-0.34%	-0.50%	-0.67%	6.13%
1068	Rice	0.97%	0.00%	0.00%	-0.02%	0.05%	-0.23%	-0.37%	-0.08%	-0.65%	0.32%
1070	Richardson	13.80%	0.00%	0.00%	-0.22%	-0.03%	-0.01%	-0.08%	-0.14%	-0.48%	13.32%
1073	Richland Hills	17.70%	0.00%	0.00%	-0.16%	0.01%	-0.10%	-0.12%	-1.17%	-1.54%	16.16%
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	13.99%	0.00%	0.00%	-0.12%	-0.02%	-0.01%	-0.05%	-0.58%	-0.78%	13.21%
1077	Richwood	11.98%	0.00%	0.00%	-0.07%	0.02%	0.00%	-0.29%	-0.64%	-0.98%	11.00%
1072	Riesel	5.30%	0.00%	0.00%	-0.01%	0.06%	0.16%	0.07%	-0.01%	0.27%	5.57%
1075	Rio Grande City	8.17%	0.00%	0.00%	-0.03%	0.01%	-0.11%	0.03%	-0.81%	-0.91%	7.26%
1079	Rio Vista	7.23%	0.00%	0.00%	-0.04%	-0.18%	-1.27%	-0.10%	-0.67%	-2.26%	4.97%
1080	Rising Star	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1082	River Oaks	16.30%	0.00%	0.00%	-0.12%	-0.03%	0.00%	0.09%	-0.74%	-0.80%	15.50%
1084	Roanoke	16.15%	0.00%	0.00%	-0.04%	0.08%	-0.20%	0.28%	0.25%	0.37%	16.52%
1088	Robert Lee	5.58%	0.00%	0.00%	-0.05%	0.05%	-0.01%	-0.02%	0.17%	0.14%	5.72%
1089	Robinson	13.15%	0.00%	0.00%	-0.04%	-0.01%	-0.22%	0.23%	0.06%	0.02%	13.17%
21090	Robstown	6.22%	0.00%	0.00%	-0.06%	-0.05%	-0.19%	-0.02%	0.20%	-0.12%	6.10%
11090	Robstown Utility Systems	17.12%	0.00%	0.00%	-0.14%	0.02%	0.01%	0.07%	-0.55%	-0.59%	16.53%
1092	Roby	1.49%	0.00%	0.00%	-0.22%	0.04%	0.31%	-0.19%	0.65%	0.59%	2.08%
1096	Rockdale	9.94%	0.00%	0.00%	-0.04%	0.02%	0.06%	-0.19%	-0.14%	-0.29%	9.65%
1098	Rockport	15.91%	0.00%	0.00%	-0.11%	-0.05%	-0.17%	-0.25%	-0.13%	-0.71%	15.20%
1100	Rocksprings	0.50%	0.00%	0.00%	0.00%	-0.08%	0.00%	0.55%	-0.97%	-0.50%	0.00%
1102	Rockwall	16.45%	0.00%	0.00%	-0.07%	-0.04%	-0.15%	0.09%	-0.06%	-0.23%	16.22%
1104	Rogers	5.99%	0.00%	0.00%	-0.05%	0.09%	0.14%	-0.17%	-1.65%	-1.64%	4.35%
1105	Rollingwood	7.56%	0.00%	0.00%	-0.07%	0.13%	-0.06%	0.14%	0.68%	0.82%	8.38%
1106	Roma	10.95%	0.00%	0.00%	-0.07%	0.00%	0.02%	-0.07%	-0.32%	-0.44%	10.51%
1109	Roscoe	1.53%	0.00%	0.00%	-0.05%	-0.07%	0.04%	-0.20%	-0.02%	-0.30%	1.23%
1112	Rosebud	1.37%	0.00%	0.00%	-0.02%	0.05%	0.01%	-0.03%	-0.04%	-0.03%	1.34%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1114	Rosenberg	14.18%	0.00%	0.00%	-0.10%	-0.08%	-0.26%	0.04%	-0.30%	-0.70%	13.48%
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	15.74%	0.00%	0.00%	-0.08%	-0.04%	-0.14%	-0.06%	-0.02%	-0.34%	15.40%
1119	Rowlett	13.06%	0.00%	0.00%	-0.11%	-0.02%	-0.13%	-0.01%	-0.37%	-0.64%	12.42%
1120	Royse City	12.01%	0.00%	0.00%	-0.04%	0.13%	-0.10%	0.33%	0.19%	0.51%	12.52%
1122	Rule	6.91%	0.00%	0.00%	-0.16%	-0.09%	-0.12%	0.11%	1.35%	1.09%	8.00%
1123	Runaway Bay	2.14%	0.00%	0.00%	-0.02%	0.07%	0.10%	-0.11%	0.02%	0.06%	2.20%
1124	Runge	14.90%	0.00%	0.00%	-0.07%	-0.34%	-0.54%	0.01%	1.00%	0.06%	14.96%
1126	Rusk	5.60%	0.00%	0.00%	-0.05%	-0.04%	0.00%	0.00%	0.18%	0.09%	5.69%
1128	Sabinal	2.82%	0.00%	0.00%	-0.05%	-0.07%	0.00%	0.03%	-0.05%	-0.14%	2.68%
1129	Sachse	13.22%	0.00%	0.00%	-0.06%	0.11%	-0.04%	0.35%	-0.16%	0.20%	13.42%
1131	Saginaw	18.19%	0.00%	0.00%	-0.06%	0.08%	0.02%	0.06%	-0.44%	-0.34%	17.85%
1130	Saint Jo	6.06%	0.00%	0.00%	-0.08%	0.01%	0.02%	-0.54%	0.08%	-0.51%	5.55%
1133	Salado	7.07%	0.00%	0.00%	-0.03%	0.05%	-0.03%	-0.01%	-0.07%	-0.09%	6.98%
1132	San Angelo	17.70%	0.00%	0.00%	-0.16%	-0.06%	0.03%	0.02%	-0.44%	-0.61%	17.09%
21136	San Antonio	10.54%	0.22%	0.00%	-0.12%	-0.03%	-0.10%	-0.04%	-0.11%	-0.18%	10.36%
11136	San Antonio Water System	3.81%	0.00%	0.00%	-0.05%	0.00%	0.06%	0.00%	-0.13%	-0.12%	3.69%
1138	San Augustine	11.25%	0.00%	0.00%	-0.09%	0.03%	0.33%	0.63%	-1.96%	-1.06%	10.19%
1140	San Benito	5.11%	0.00%	0.00%	-0.04%	-0.03%	-0.08%	-0.02%	-0.04%	-0.21%	4.90%
1144	San Felipe	4.64%	0.00%	0.00%	-0.04%	-0.13%	-0.78%	0.03%	-0.15%	-1.07%	3.57%
1148	San Juan	1.92%	0.00%	0.00%	-0.03%	0.04%	0.00%	0.05%	-0.22%	-0.16%	1.76%
1150	San Marcos	18.19%	0.00%	0.00%	-0.11%	0.00%	-0.26%	-0.08%	-0.25%	-0.70%	17.49%
1152	San Saba	8.11%	0.00%	0.00%	-0.06%	-0.04%	0.03%	-0.11%	0.12%	-0.06%	8.05%
1146	Sanger	7.09%	0.00%	0.00%	-0.05%	0.02%	-0.01%	0.00%	0.08%	0.04%	7.13%
1153	Sansom Park	6.05%	0.00%	0.00%	-0.03%	0.12%	0.01%	0.14%	-0.11%	0.13%	6.18%
1155	Santa Fe	12.61%	0.00%	0.00%	-0.06%	0.02%	0.10%	0.15%	-0.51%	-0.30%	12.31%
1158	Savoy	1.76%	0.00%	0.00%	-0.05%	0.11%	-0.37%	-0.62%	0.00%	-0.93%	0.83%
1159	Schertz	16.25%	0.00%	0.00%	-0.04%	0.01%	-0.09%	-0.14%	-0.05%	-0.31%	15.94%
1160	Schulenburg	20.86%	0.00%	0.00%	-0.14%	-0.02%	0.29%	0.03%	0.30%	0.46%	21.32%
1161	Seabrook	14.02%	0.00%	0.00%	-0.14%	0.03%	0.32%	-0.14%	-0.37%	-0.30%	13.72%
1162	Seadrift	3.78%	0.00%	0.00%	-0.03%	-0.03%	0.14%	0.00%	0.08%	0.16%	3.94%
1164	Seagoville	9.71%	0.00%	0.00%	-0.07%	0.04%	0.13%	-0.08%	-0.20%	-0.18%	9.53%
1166	Seagraves	11.04%	0.00%	0.00%	-0.08%	-0.15%	-0.56%	0.41%	-0.57%	-0.95%	10.09%
1167	Sealy	15.62%	0.00%	0.00%	-0.08%	0.02%	-0.04%	-0.30%	-0.19%	-0.59%	15.03%
1168	Seguin	11.08%	4.43%	0.00%	-0.10%	0.16%	-0.38%	-0.08%	0.14%	4.17%	15.25%
1169	Selma	14.83%	0.00%	0.00%	-0.05%	-0.04%	-0.30%	0.10%	0.50%	0.21%	15.04%
1170	Seminole	13.66%	0.00%	0.00%	-0.13%	-0.06%	-0.34%	-0.13%	0.53%	-0.13%	13.53%
1171	Seven Points	6.38%	0.00%	0.00%	-0.07%	0.21%	0.12%	-0.45%	-0.43%	-0.62%	5.76%
1172	Seymour	7.63%	0.00%	0.00%	-0.11%	0.04%	0.21%	-0.08%	-0.33%	-0.27%	7.36%
1165	Shady Shores	0.31%	0.00%	0.00%	0.00%	-0.02%	-0.16%	0.97%	0.00%	0.79%	1.10%
1177	Shallowater	2.89%	0.00%	0.00%	-0.05%	-0.01%	0.02%	0.00%	-0.01%	-0.05%	2.84%
1174	Shamrock	8.71%	0.00%	0.00%	-0.05%	-0.08%	-0.73%	0.01%	0.20%	-0.65%	8.06%
1173	Shavano Park	13.61%	0.00%	0.00%	-0.04%	0.08%	-0.01%	-0.15%	-0.10%	-0.22%	13.39%
1175	Shenandoah	17.73%	0.00%	0.00%	-0.03%	0.07%	-0.21%	-0.20%	0.08%	-0.29%	17.44%
1181	Shepherd	2.24%	0.00%	0.00%	-0.04%	0.06%	-0.04%	0.00%	0.10%	0.08%	2.32%
1176	Sherman	13.76%	0.00%	0.00%	-0.16%	-0.02%	0.06%	-0.07%	-0.28%	-0.47%	13.29%
1178	Shiner	7.40%	0.00%	0.00%	-0.09%	-0.05%	-0.30%	0.00%	0.26%	-0.18%	7.22%
1179	Shoreacres	5.44%	0.00%	0.00%	-0.04%	0.11%	-0.05%	-0.11%	-0.15%	-0.24%	5.20%
1180	Silsbee	17.77%	0.00%	0.00%	-0.12%	-0.01%	0.14%	-0.11%	-0.29%	-0.39%	17.38%
1182	Silverton	4.65%	0.00%	0.00%	-0.40%	-0.32%	0.31%	-1.34%	-1.69%	-3.44%	1.21%
1184	Sinton	12.64%	0.00%	0.00%	-0.07%	-0.04%	-0.22%	0.14%	-0.05%	-0.24%	12.40%
1185	Skellytown	0.00%	0.00%	0.00%	0.00%	0.00%	0.70%	0.05%	0.01%	0.76%	0.76%
1186	Slaton	6.59%	0.00%	0.00%	-0.14%	-0.01%	0.01%	-0.14%	-0.30%	-0.58%	6.01%
1188	Smithville	6.76%	0.00%	0.00%	-0.06%	0.36%	-0.02%	-0.15%	-0.94%	-0.81%	5.95%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1189	Smyer	7.37%	0.00%	0.00%	-0.14%	0.12%	-0.06%	-0.01%	0.72%	0.63%	8.00%
1190	Snyder	16.48%	0.00%	0.00%	-0.16%	-0.16%	-0.13%	-0.13%	0.21%	-0.37%	16.11%
1191	Somerset	2.85%	0.00%	0.00%	-0.03%	0.02%	0.02%	0.01%	0.03%	0.05%	2.90%
1192	Somerville	5.68%	0.00%	0.00%	-0.08%	0.12%	0.02%	-0.05%	-0.29%	-0.28%	5.40%
1194	Sonora	9.03%	0.00%	0.00%	-0.07%	0.02%	0.04%	0.25%	-0.41%	-0.17%	8.86%
1196	Sour Lake	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1198	South Houston	12.05%	0.00%	0.00%	-0.16%	0.03%	-0.02%	-0.04%	-0.92%	-1.11%	10.94%
1199	South Padre Island	12.64%	0.00%	0.00%	-0.07%	0.02%	-0.01%	0.07%	-0.19%	-0.18%	12.46%
1197	Southlake	12.05%	0.00%	0.00%	-0.07%	0.01%	-0.07%	0.08%	-0.50%	-0.55%	11.50%
1202	Southside Place	11.53%	0.00%	0.00%	-0.07%	-0.02%	0.06%	0.17%	-1.05%	-0.91%	10.62%
1204	Spearman	13.09%	0.00%	0.00%	-0.14%	0.06%	0.14%	-0.03%	-0.52%	-0.49%	12.60%
1205	Spring Valley Village	6.58%	0.00%	0.00%	-0.11%	-0.05%	0.00%	-0.14%	-0.21%	-0.51%	6.07%
1203	Springtown	10.52%	0.00%	0.00%	-0.05%	0.14%	0.00%	0.07%	-0.71%	-0.55%	9.97%
1206	Spur	5.19%	0.00%	0.00%	-0.08%	-0.01%	-0.07%	-0.09%	0.19%	-0.06%	5.13%
1207	Stafford	14.98%	0.00%	0.00%	-0.12%	-0.04%	-0.27%	0.06%	-0.10%	-0.47%	14.51%
1208	Stamford	6.26%	0.00%	0.00%	-0.09%	-0.02%	-0.03%	-0.11%	-1.00%	-1.25%	5.01%
1210	Stanton	7.89%	0.00%	0.00%	-0.12%	-0.14%	-0.19%	0.12%	0.01%	-0.32%	7.57%
1211	Star Harbor	10.27%	0.00%	0.00%	-0.13%	-0.06%	-0.12%	0.36%	-1.05%	-1.00%	9.27%
1212	Stephenville	14.53%	0.00%	0.00%	-0.14%	-0.06%	-0.03%	-0.01%	-0.10%	-0.34%	14.19%
1213	Sterling City	0.29%	0.00%	0.00%	-0.05%	-0.05%	-0.01%	0.13%	0.08%	0.10%	0.39%
1214	Stinnett	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1218	Stratford	7.61%	0.00%	0.00%	-0.04%	-0.10%	-0.21%	0.36%	-0.32%	-0.31%	7.30%
1224	Sudan	2.73%	0.24%	0.00%	-0.27%	0.03%	0.14%	-0.04%	0.08%	0.18%	2.91%
1225	Sugar Land	15.11%	0.00%	0.00%	-0.09%	-0.02%	-0.07%	-0.08%	-0.14%	-0.40%	14.71%
1226	Sulphur Springs	5.93%	0.27%	0.00%	-0.12%	-0.02%	0.04%	0.02%	-0.75%	-0.56%	5.37%
1228	Sundown	10.97%	0.00%	0.00%	-0.12%	0.19%	0.17%	-1.42%	0.22%	-0.96%	10.01%
1229	Sunnyvale	12.79%	0.00%	0.00%	-0.06%	0.01%	-0.04%	0.64%	-1.15%	-0.60%	12.19%
1230	Sunray	20.06%	0.00%	0.00%	-0.10%	-0.07%	-0.43%	-0.35%	-0.18%	-1.13%	18.93%
1227	Sunrise Beach Village	1.60%	0.00%	0.00%	-0.02%	0.05%	0.01%	-0.44%	-0.22%	-0.62%	0.98%
1231	Sunset Valley	11.22%	0.00%	0.00%	-0.05%	0.08%	-0.03%	-0.19%	0.17%	-0.02%	11.20%
1233	Surfside Beach	0.76%	0.00%	0.00%	-0.02%	-0.01%	0.04%	-0.05%	-0.06%	-0.10%	0.66%
1232	Sweeny	17.86%	0.00%	0.00%	-0.12%	0.01%	0.42%	0.31%	-1.22%	-0.60%	17.26%
1234	Sweetwater	19.19%	0.00%	0.00%	-0.15%	-0.11%	-0.18%	-0.02%	-0.58%	-1.04%	18.15%
1264	TMRS	17.00%	0.00%	0.00%	-0.09%	0.01%	-0.11%	-0.06%	0.00%	-0.25%	16.75%
1236	Taft	11.27%	0.00%	0.00%	-0.03%	0.23%	0.69%	0.21%	-0.42%	0.68%	11.95%
1238	Tahoka	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1241	Tatum	1.97%	0.00%	0.00%	-0.04%	-0.06%	-0.20%	0.28%	0.14%	0.12%	2.09%
1246	Taylor	12.56%	0.00%	0.00%	-0.07%	0.00%	0.00%	0.03%	-0.32%	-0.36%	12.20%
1248	Teague	12.40%	0.00%	0.00%	-0.06%	0.19%	0.27%	0.16%	-0.90%	-0.34%	12.06%
1252	Temple	16.73%	0.00%	0.00%	-0.13%	-0.02%	-0.04%	-0.19%	-0.50%	-0.88%	15.85%
1254	Tenaha	0.60%	0.00%	0.00%	-0.03%	-0.03%	0.02%	-0.22%	0.17%	-0.09%	0.51%
1256	Terrell	17.41%	0.00%	0.00%	-0.12%	0.00%	0.04%	0.02%	-0.20%	-0.26%	17.15%
1258	Terrell Hills	12.93%	0.00%	0.00%	-0.09%	0.03%	0.05%	0.06%	-0.32%	-0.27%	12.66%
31263	Tex Municipal League IEBP	3.93%	0.11%	0.00%	-0.06%	-0.01%	-0.01%	-0.04%	0.04%	0.03%	3.96%
21263	Tex Municipal League IRP	13.02%	0.00%	0.00%	-0.10%	-3.57%	0.00%	-0.10%	0.11%	-3.66%	9.36%
21260	Texarkana	15.82%	0.00%	0.00%	-0.13%	0.05%	0.22%	-0.05%	-0.43%	-0.34%	15.48%
11260	Texarkana Police Dept	17.38%	0.00%	0.00%	-0.14%	0.03%	0.24%	-0.09%	-0.66%	-0.62%	16.76%
31260	Texarkana Water Utilities	16.71%	0.00%	0.00%	-0.12%	0.00%	0.28%	-0.02%	-1.02%	-0.88%	15.83%
1262	Texas City	17.59%	0.00%	0.00%	-0.17%	-0.03%	-0.09%	0.00%	-0.63%	-0.92%	16.67%
11263	Texas Municipal League	15.49%	0.00%	0.00%	-0.14%	-0.04%	-0.01%	-0.44%	0.77%	0.14%	15.63%
1265	Texhoma	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
1267	The Colony	12.48%	0.00%	0.00%	-0.09%	0.03%	0.00%	0.06%	-0.42%	-0.42%	12.06%
1269	Thompsons	2.87%	0.00%	0.00%	-0.03%	-0.05%	-0.04%	0.01%	0.08%	-0.03%	2.84%
1268	Thorndale	6.84%	0.00%	0.00%	-0.10%	-0.13%	0.00%	0.00%	-0.91%	-1.14%	5.70%

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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1274	Three Rivers	5.19%	0.00%	0.00%	-0.05%	-0.02%	-0.07%	-0.07%	0.16%	-0.05%	5.14%
1276	Throckmorton	7.73%	0.00%	0.00%	-0.14%	0.08%	-0.23%	-0.52%	-0.38%	-1.19%	6.54%
1277	Tiki Island	2.70%	0.00%	0.00%	-0.02%	0.01%	0.03%	0.15%	-0.25%	-0.08%	2.62%
1278	Timpson	2.51%	0.00%	0.00%	-0.04%	-0.20%	0.00%	-0.02%	-0.03%	-0.29%	2.22%
1280	Tioga	0.37%	0.00%	0.00%	-0.03%	-0.01%	0.07%	0.03%	0.07%	0.13%	0.50%
1283	Tolar	7.69%	0.00%	0.00%	-0.03%	0.16%	0.03%	-0.20%	-0.28%	-0.32%	7.37%
1286	Tom Bean	2.04%	0.00%	0.00%	-0.02%	0.03%	-0.02%	0.04%	-0.07%	-0.04%	2.00%
1284	Tomball	13.54%	0.00%	0.00%	-0.06%	0.07%	0.02%	-0.16%	-0.11%	-0.24%	13.30%
1290	Trent	6.57%	0.00%	0.00%	-0.10%	0.04%	-0.03%	0.00%	0.39%	0.30%	6.87%
1292	Trenton	3.82%	0.00%	0.00%	-0.08%	-0.10%	0.20%	0.00%	-0.10%	-0.08%	3.74%
1293	Trinidad	4.01%	0.00%	0.00%	-0.06%	-0.08%	0.08%	-0.10%	-0.13%	-0.29%	3.72%
1294	Trinity	7.01%	0.00%	0.00%	-0.02%	0.13%	0.04%	-0.25%	-0.27%	-0.37%	6.64%
1295	Trophy Club	17.50%	-3.96%	0.00%	-0.07%	-0.18%	-0.21%	-0.54%	0.09%	-4.87%	12.63%
1296	Troup	5.43%	0.00%	0.00%	-0.03%	0.12%	0.04%	0.17%	-0.07%	0.23%	5.66%
1297	Troy	5.92%	3.18%	0.00%	-0.03%	0.22%	-0.11%	0.48%	-0.48%	3.26%	9.18%
1298	Tulia	13.09%	0.00%	0.00%	-0.19%	-0.01%	-0.06%	-0.17%	-1.04%	-1.47%	11.62%
1299	Turkey	5.86%	0.00%	0.00%	-0.06%	-0.47%	-0.24%	0.03%	0.07%	-0.67%	5.19%
1301	Tye	6.14%	0.00%	0.00%	-0.04%	0.04%	0.13%	0.23%	0.06%	0.42%	6.56%
1304	Tyler	21.48%	0.00%	0.00%	-0.15%	0.02%	-0.15%	-0.29%	-0.28%	-0.85%	20.63%
1305	Universal City	18.79%	0.00%	0.00%	-0.07%	-0.02%	-0.15%	-0.07%	-0.03%	-0.34%	18.45%
1306	University Park	6.19%	0.00%	0.00%	-0.15%	-0.12%	0.00%	-0.06%	-0.31%	-0.64%	5.55%
1308	Uvalde	6.41%	0.00%	0.00%	-0.06%	0.00%	-0.10%	-0.05%	-0.24%	-0.45%	5.96%
1314	Van	2.36%	4.32%	0.00%	-0.06%	0.28%	-0.02%	0.45%	0.24%	5.21%	7.57%
1316	Van Alstyne	10.36%	0.00%	0.00%	-0.04%	0.09%	-0.06%	0.12%	0.03%	0.14%	10.50%
1318	Van Horn	8.58%	0.00%	0.00%	-0.09%	-0.02%	-0.04%	-0.10%	-0.68%	-0.93%	7.65%
1320	Vega	22.71%	0.00%	0.00%	-0.20%	-0.20%	-0.51%	-0.61%	0.08%	-1.44%	21.27%
1324	Venus	11.28%	0.00%	0.00%	-0.05%	0.06%	-0.04%	-0.71%	0.51%	-0.23%	11.05%
1326	Vernon	18.54%	0.00%	0.00%	-0.11%	0.11%	0.33%	-0.02%	-1.05%	-0.74%	17.80%
1328	Victoria	17.36%	0.00%	0.00%	-0.14%	-0.02%	-0.06%	-0.04%	-0.42%	-0.68%	16.68%
1329	Vidor	16.48%	0.00%	0.00%	-0.13%	-0.10%	-0.03%	-0.06%	-0.61%	-0.93%	15.55%
1500	Village Fire Department	7.03%	0.00%	0.00%	-0.22%	-0.09%	0.03%	0.11%	-0.16%	-0.33%	6.70%
1331	Volente	6.81%	1.79%	0.00%	0.00%	-0.13%	0.17%	0.00%	-2.52%	-0.69%	6.12%
1330	Waco	13.15%	0.00%	0.00%	-0.16%	-0.06%	-0.04%	0.01%	0.06%	-0.19%	12.96%
1332	Waelder	1.84%	0.00%	0.00%	-0.03%	0.04%	0.00%	0.05%	-0.05%	0.01%	1.85%
1334	Wake Village	13.40%	0.00%	0.00%	-0.07%	0.10%	-0.12%	0.00%	0.09%	0.00%	13.40%
1336	Waller	4.25%	0.00%	0.00%	-0.06%	-0.03%	0.00%	-0.02%	-0.22%	-0.33%	3.92%
1337	Wallis	2.94%	0.00%	0.00%	-0.09%	-0.25%	0.06%	-0.13%	-0.18%	-0.59%	2.35%
1338	Walnut Springs	2.13%	0.00%	0.00%	-0.10%	0.02%	-0.01%	-0.01%	-0.02%	-0.12%	2.01%
1340	Waskom	6.04%	0.00%	0.00%	-0.05%	0.02%	0.46%	0.04%	-0.11%	0.36%	6.40%
1341	Watauga	13.35%	0.00%	0.00%	-0.09%	0.05%	0.13%	0.07%	-0.35%	-0.19%	13.16%
1342	Waxahachie	16.01%	0.00%	0.00%	-0.09%	0.01%	0.03%	-0.22%	-0.91%	-1.18%	14.83%
1344	Weatherford	13.62%	0.00%	0.00%	-0.11%	-0.08%	0.04%	-0.02%	-0.60%	-0.77%	12.85%
1345	Webster	17.09%	0.00%	0.00%	-0.10%	0.01%	0.01%	0.26%	-0.30%	-0.12%	16.97%
1346	Weimar	17.54%	0.00%	0.00%	-0.18%	-0.05%	-0.13%	0.00%	0.18%	-0.18%	17.36%
1350	Wellington	0.98%	2.11%	0.00%	-0.19%	-0.19%	-0.04%	0.08%	0.01%	1.78%	2.76%
1352	Wells	4.41%	0.00%	0.00%	-0.08%	0.03%	0.04%	0.15%	-0.82%	-0.68%	3.73%
1354	Weslaco	6.24%	0.19%	0.00%	-0.11%	-0.02%	-0.10%	-0.13%	-0.10%	-0.27%	5.97%
1356	West	2.64%	0.00%	0.00%	-0.08%	-0.29%	0.09%	0.05%	-0.26%	-0.49%	2.15%
1358	West Columbia	2.62%	0.37%	0.00%	-0.09%	0.00%	-0.01%	0.18%	-0.63%	-0.18%	2.44%
1359	West Lake Hills	14.50%	1.68%	0.00%	-0.08%	0.15%	-0.23%	0.05%	0.40%	1.97%	16.47%
1361	West Orange	19.53%	0.00%	0.00%	-0.13%	0.03%	0.51%	0.00%	0.28%	0.69%	20.22%
1365	West Tawakoni	10.80%	0.00%	0.00%	-0.06%	-0.06%	-0.21%	-0.03%	0.10%	-0.26%	10.54%
1364	West Univ. Place	11.92%	0.00%	0.00%	-0.11%	0.11%	0.21%	0.48%	0.22%	0.91%	12.83%
1363	Westlake	10.77%	0.00%	0.00%	-0.03%	0.12%	-0.17%	0.23%	0.46%	0.61%	11.38%



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

CITY NUMBER	CITY NAME	2015 Rates	Benefit Changes	Assumption & Method Changes	Return on AVA	Contribution Lag/Phase In	Payroll Growth	Normal Cost	Liability Growth	Total Change	2016 Rates
1362	Westover Hills	1.61%	0.00%	0.00%	-0.04%	0.05%	0.00%	-0.29%	-0.08%	-0.36%	1.25%
1366	Westworth Village	11.14%	0.00%	0.00%	-0.03%	0.16%	-0.09%	-0.31%	0.05%	-0.22%	10.92%
1368	Wharton	6.61%	0.00%	0.00%	-0.07%	-0.07%	-0.08%	-0.08%	-0.26%	-0.56%	6.05%
1370	Wheeler	11.16%	0.00%	0.00%	-0.15%	-0.27%	-0.45%	-0.67%	-1.19%	-2.73%	8.43%
1372	White Deer	6.91%	0.00%	0.00%	-0.07%	0.10%	0.00%	-0.02%	0.17%	0.18%	7.09%
1377	White Oak	15.67%	0.00%	0.00%	-0.12%	0.11%	-0.01%	0.03%	-0.60%	-0.59%	15.08%
1378	White Settlement	10.80%	0.00%	0.00%	-0.09%	-0.05%	-0.11%	0.02%	-0.05%	-0.28%	10.52%
1374	Whiteface	2.88%	0.00%	0.00%	-0.11%	-0.65%	-0.01%	-0.01%	0.12%	-0.66%	2.22%
1375	Whitehouse	5.19%	0.00%	0.00%	-0.05%	-0.01%	0.01%	-0.02%	-0.01%	-0.08%	5.11%
1376	Whitesboro	7.35%	0.00%	0.00%	-0.10%	0.00%	0.04%	-0.08%	-0.31%	-0.45%	6.90%
1380	Whitewright	4.19%	0.00%	0.00%	-0.04%	0.05%	-0.01%	0.23%	-0.07%	0.16%	4.35%
1382	Whitney	4.14%	0.00%	0.00%	-0.02%	0.05%	0.02%	-0.01%	-0.10%	-0.06%	4.08%
1384	Wichita Falls	12.52%	0.00%	0.00%	-0.15%	0.00%	0.02%	-0.05%	-0.42%	-0.60%	11.92%
1386	Willis	9.44%	0.00%	0.00%	-0.05%	0.01%	-0.19%	0.24%	-0.29%	-0.28%	9.16%
1387	Willow Park	2.04%	5.09%	0.00%	-0.01%	0.31%	-0.01%	-0.20%	-0.62%	4.56%	6.60%
1388	Wills Point	11.14%	0.00%	0.00%	-0.09%	-0.08%	-0.05%	0.09%	-0.09%	-0.22%	10.92%
1390	Wilmer	2.33%	0.00%	0.00%	-0.06%	0.00%	-0.04%	-0.13%	-0.18%	-0.41%	1.92%
1392	Wimberley	2.20%	0.00%	0.00%	-0.02%	0.07%	0.01%	-0.16%	0.01%	-0.09%	2.11%
1393	Windcrest	7.08%	0.00%	0.00%	-0.06%	0.04%	-0.03%	0.29%	-0.07%	0.17%	7.25%
1395	Winfield	1.65%	0.00%	0.00%	0.00%	0.08%	0.01%	0.07%	-0.02%	0.14%	1.79%
1396	Wink	5.81%	0.00%	0.00%	-0.08%	0.16%	0.11%	-0.79%	0.21%	-0.39%	5.42%
1398	Winnsboro	7.97%	2.72%	0.00%	-0.09%	0.11%	-0.13%	0.05%	-0.75%	1.91%	9.88%
1399	Winona	11.88%	0.00%	0.00%	-0.05%	0.20%	-0.82%	0.68%	-4.54%	-4.53%	7.35%
1400	Winters	9.54%	0.00%	0.00%	-0.15%	-0.06%	-0.07%	-0.11%	0.03%	-0.36%	9.18%
1403	Wolforth	7.50%	3.35%	0.00%	-0.04%	0.18%	0.13%	-0.04%	-0.03%	3.55%	11.05%
1409	Woodcreek	2.97%	0.00%	0.00%	-0.03%	0.07%	0.02%	-0.21%	0.10%	-0.05%	2.92%
1404	Woodsboro	0.20%	0.00%	0.00%	0.00%	-0.06%	0.00%	-0.14%	0.00%	-0.20%	0.00%
1406	Woodville	15.66%	0.00%	0.00%	-0.09%	0.00%	0.00%	-0.18%	0.23%	-0.04%	15.62%
1407	Woodway	15.97%	0.00%	0.00%	-0.12%	-0.02%	0.05%	-0.21%	0.01%	-0.29%	15.68%
1408	Wortham	4.50%	0.00%	0.00%	-0.04%	0.07%	-0.02%	0.04%	0.07%	0.12%	4.62%
1410	Wylie	14.75%	0.00%	0.00%	-0.04%	0.09%	-0.06%	-0.01%	0.02%	0.00%	14.75%
1412	Yoakum	15.73%	0.00%	0.00%	-0.16%	-0.08%	-0.13%	-0.18%	-0.10%	-0.65%	15.08%
1414	Yorktown	0.74%	0.00%	0.00%	-0.08%	-0.07%	0.05%	-0.09%	0.15%	-0.04%	0.70%
1415	Zavalla	2.66%	0.00%	0.00%	-0.08%	0.00%	-0.21%	0.11%	-0.71%	-0.89%	1.77%

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## SECTION 4

### COMPARISON OF EXPECTED CITY CONTRIBUTION DOLLAR AMOUNTS FOR 2015 AND 2016

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
4	Abernathy	\$816,388	3.60%	\$29,390	\$840,880	3.17%	\$26,656
6	Abilene	\$45,459,514	10.42%	\$4,736,881	\$46,823,299	10.02%	\$4,691,695
7	Addison	\$18,255,432	10.16%	\$1,854,752	\$18,803,095	9.33%	\$1,754,329
10	Alamo	\$4,265,830	7.36%	\$313,965	\$4,393,805	7.27%	\$319,430
12	Alamo Heights	\$5,061,420	15.91%	\$805,272	\$5,213,263	16.41%	\$855,496
14	Alba	\$203,923	2.42%	\$4,935	\$210,041	2.45%	\$5,146
16	Albany	\$580,406	4.15%	\$24,087	\$597,818	4.41%	\$26,364
17	Aledo	\$713,330	4.61%	\$32,885	\$734,730	5.42%	\$39,822
18	Alice	\$10,805,465	9.88%	\$1,067,580	\$11,129,629	9.33%	\$1,038,394
19	Allen	\$41,255,486	13.88%	\$5,726,261	\$42,493,151	13.71%	\$5,825,811
20	Alpine	\$2,265,876	0.85%	\$19,260	\$2,333,852	0.37%	\$8,635
22	Alto	\$307,070	5.07%	\$15,568	\$316,282	6.81%	\$21,539
23	Alton	\$2,313,943	8.58%	\$198,536	\$2,383,361	9.08%	\$216,409
24	Alvarado	\$2,202,845	4.09%	\$90,096	\$2,268,930	4.46%	\$101,194
26	Alvin	\$10,437,137	16.58%	\$1,730,477	\$10,750,251	16.89%	\$1,815,717
28	Alvord	\$288,974	6.10%	\$17,627	\$297,643	5.74%	\$17,085
30	Amarillo	\$79,672,416	11.26%	\$8,971,114	\$82,062,588	10.96%	\$8,994,060
32	Amherst	\$123,648	9.63%	\$11,907	\$127,357	6.24%	\$7,947
34	Anahuac	\$367,536	8.60%	\$31,608	\$378,562	8.53%	\$32,291
36	Andrews	\$3,671,948	16.35%	\$600,363	\$3,782,106	15.66%	\$592,278
38	Angleton	\$5,671,942	12.41%	\$703,888	\$5,842,100	11.91%	\$695,794
40	Anna	\$2,503,055	11.94%	\$298,865	\$2,578,147	12.76%	\$328,972
41	Annetta	\$94,432	2.81%	\$2,654	\$97,265	2.29%	\$2,227
44	Anson	\$727,422	1.34%	\$9,747	\$749,245	1.06%	\$7,942
45	Anthony	\$1,299,279	2.85%	\$37,029	\$1,338,257	2.76%	\$36,936
48	Aransas Pass	\$4,064,945	11.69%	\$475,192	\$4,186,893	10.87%	\$455,115
50	Archer City	\$749,646	3.50%	\$26,238	\$772,135	3.43%	\$26,484
51	Argyle	\$1,293,158	15.12%	\$195,525	\$1,331,953	14.99%	\$199,660
52	Arlington	\$159,969,916	15.50%	\$24,795,337	\$164,769,013	14.93%	\$24,600,014
54	Arp	\$291,675	2.01%	\$5,863	\$300,425	1.45%	\$4,356
60	Aspermont	\$246,176	0.00%	\$0	\$253,561	0.00%	\$0
62	Athens	\$6,500,306	21.14%	\$1,374,165	\$6,695,315	21.21%	\$1,420,076
64	Atlanta	\$1,519,953	4.36%	\$66,270	\$1,565,552	4.10%	\$64,188
66	Aubrey	\$1,780,605	1.08%	\$19,231	\$1,834,023	1.76%	\$32,279
74	Avinger	\$28,298	1.66%	\$470	\$29,147	1.35%	\$393
75	Azle	\$5,851,269	12.02%	\$703,323	\$6,026,807	11.88%	\$715,985
77	Baird	\$399,065	0.34%	\$1,357	\$411,037	0.00%	\$0
78	Balch Springs	\$8,998,087	15.32%	\$1,378,507	\$9,268,030	14.10%	\$1,306,792
79	Balcones Heights	\$2,532,325	17.18%	\$435,053	\$2,608,295	17.73%	\$462,451
80	Ballinger	\$1,205,506	3.37%	\$40,626	\$1,241,671	3.48%	\$43,210
82	Balmorhea	\$28,811	0.00%	\$0	\$29,675	0.00%	\$0
83	Bandera	\$559,356	11.03%	\$61,697	\$576,137	9.83%	\$56,634
84	Bangs	\$475,742	13.86%	\$65,938	\$490,014	13.43%	\$65,809
90	Bartlett	\$722,331	5.33%	\$38,500	\$744,001	5.96%	\$44,342
91	Bartonville	\$424,982	10.23%	\$43,476	\$437,731	10.73%	\$46,969

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
92	Bastrop	\$5,312,988	10.54%	\$559,989	\$5,472,378	10.87%	\$594,847
94	Bay City	\$6,641,725	10.50%	\$697,381	\$6,840,977	9.63%	\$658,786
93	Bayou Vista	\$252,774	3.06%	\$7,735	\$260,357	2.81%	\$7,316
96	Baytown	\$44,903,302	17.91%	\$8,042,181	\$46,250,401	17.40%	\$8,047,570
98	Beaumont	\$59,332,054	19.71%	\$11,694,348	\$61,112,016	19.17%	\$11,715,173
100	Bedford	\$20,347,675	7.89%	\$1,605,432	\$20,958,105	8.02%	\$1,680,840
101	Bee Cave	\$2,551,060	6.90%	\$176,023	\$2,627,592	7.40%	\$194,442
102	Beeville	\$4,498,896	0.56%	\$25,194	\$4,633,863	0.25%	\$11,585
106	Bellaire	\$9,206,280	22.29%	\$2,052,080	\$9,482,468	21.20%	\$2,010,283
109	Bellmead	\$3,360,203	8.66%	\$290,994	\$3,461,009	9.00%	\$311,491
110	Bells	\$363,113	0.42%	\$1,525	\$374,006	0.02%	\$75
112	Bellville	\$2,490,567	14.16%	\$352,664	\$2,565,284	14.00%	\$359,140
114	Belton	\$7,471,266	6.78%	\$506,552	\$7,695,404	6.84%	\$526,366
118	Benbrook	\$8,203,082	17.75%	\$1,456,047	\$8,449,174	17.35%	\$1,465,932
121	Berryville	\$108,072	1.65%	\$1,783	\$111,314	1.66%	\$1,848
123	Bertram	\$410,477	2.38%	\$9,769	\$422,791	1.42%	\$6,004
124	Big Lake	\$1,050,912	18.88%	\$198,412	\$1,082,439	18.33%	\$198,411
126	Big Sandy	\$448,581	2.99%	\$13,413	\$462,038	2.68%	\$12,383
128	Big Spring	\$8,591,142	16.28%	\$1,398,638	\$8,848,876	16.11%	\$1,425,554
132	Bishop	\$710,360	5.05%	\$35,873	\$731,671	3.75%	\$27,438
134	Blanco	\$501,902	1.21%	\$6,073	\$516,959	1.34%	\$6,927
140	Blooming Grove	\$160,381	7.51%	\$12,045	\$165,192	7.72%	\$12,753
142	Blossom	\$163,212	3.59%	\$5,859	\$168,108	3.10%	\$5,211
143	Blue Mound	\$666,818	2.84%	\$18,938	\$686,823	4.03%	\$27,679
144	Blue Ridge	\$185,315	0.04%	\$74	\$190,874	0.29%	\$554
148	Boerne	\$11,953,784	17.84%	\$2,132,555	\$12,312,398	17.79%	\$2,190,376
150	Bogata	\$255,168	0.00%	\$0	\$262,823	0.00%	\$0
152	Bonham	\$4,858,072	5.08%	\$246,790	\$5,003,814	4.28%	\$214,163
154	Booker	\$437,141	4.40%	\$19,234	\$450,255	5.05%	\$22,738
156	Borger	\$7,401,460	15.91%	\$1,177,572	\$7,623,504	15.12%	\$1,152,674
158	Bovina	\$301,259	0.45%	\$1,356	\$310,297	0.00%	\$0
160	Bowie	\$3,851,720	10.31%	\$397,112	\$3,967,272	9.50%	\$376,891
162	Boyd	\$661,233	2.51%	\$16,597	\$681,070	3.01%	\$20,500
166	Brady	\$3,296,851	10.46%	\$344,851	\$3,395,757	10.03%	\$340,594
170	Brazoria	\$1,124,213	8.15%	\$91,623	\$1,157,939	8.14%	\$94,256
172	Breckenridge	\$2,222,322	7.79%	\$173,119	\$2,288,992	7.29%	\$166,868
174	Bremond	\$225,295	14.32%	\$32,262	\$232,054	15.12%	\$35,087
176	Brenham	\$10,823,953	6.35%	\$687,321	\$11,148,672	5.87%	\$654,427
177	Bridge City	\$3,194,182	16.40%	\$523,846	\$3,290,007	14.89%	\$489,882
178	Bridgeport	\$3,061,317	12.85%	\$393,379	\$3,153,157	13.35%	\$420,946
180	Bronte	\$119,763	8.60%	\$10,300	\$123,356	9.00%	\$11,102
182	Brookshire	\$1,231,550	4.16%	\$51,232	\$1,268,497	3.83%	\$48,583
184	Brownfield	\$3,534,012	9.67%	\$341,739	\$3,640,032	7.68%	\$279,554
10188	Brownsville	\$57,443,053	18.37%	\$10,552,289	\$59,166,345	17.74%	\$10,496,110
20188	Brownsville PUB	\$27,153,364	13.25%	\$3,597,821	\$27,967,965	12.12%	\$3,389,717

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
10190	Brownwood	\$9,090,413	14.73%	\$1,339,018	\$9,363,125	14.01%	\$1,311,774
30190	Brownwood Health Dept.	\$418,843	8.65%	\$36,230	\$431,408	9.35%	\$40,337
20190	Brownwood Public Library	\$160,278	3.52%	\$5,642	\$165,086	3.05%	\$5,035
195	Bruceville-Eddy	\$465,711	3.16%	\$14,716	\$479,682	3.66%	\$17,556
192	Bryan	\$49,197,009	15.50%	\$7,625,536	\$50,672,919	15.04%	\$7,621,207
193	Bryson	\$88,607	0.00%	\$0	\$91,265	0.00%	\$0
194	Buda	\$3,253,436	10.23%	\$332,827	\$3,351,039	11.52%	\$386,040
196	Buffalo	\$551,347	4.44%	\$24,480	\$567,887	4.06%	\$23,056
198	Bullard	\$906,541	5.51%	\$49,950	\$933,737	6.43%	\$60,039
203	Bulverde	\$1,170,485	6.89%	\$80,646	\$1,205,600	7.39%	\$89,094
199	Bunker Hill Village	\$565,598	9.13%	\$51,639	\$582,566	9.63%	\$56,101
200	Burkburnett	\$2,757,305	10.09%	\$278,212	\$2,840,024	10.03%	\$284,854
202	Burleson	\$19,063,451	15.12%	\$2,882,394	\$19,635,355	15.10%	\$2,964,939
204	Burnet	\$5,414,990	12.05%	\$652,506	\$5,577,440	12.30%	\$686,025
207	Cactus	\$891,221	2.33%	\$20,765	\$917,958	2.24%	\$20,562
208	Caddo Mills	\$524,961	3.01%	\$15,801	\$540,710	3.26%	\$17,627
210	Caldwell	\$1,981,219	9.35%	\$185,244	\$2,040,656	8.77%	\$178,966
212	Calvert	\$350,360	1.27%	\$4,450	\$360,871	0.69%	\$2,490
214	Cameron	\$1,532,406	10.98%	\$168,258	\$1,578,378	10.12%	\$159,732
220	Canadian	\$857,281	15.61%	\$133,822	\$882,999	14.95%	\$132,008
222	Canton	\$2,473,096	11.74%	\$290,341	\$2,547,289	11.25%	\$286,570
224	Canyon	\$4,143,469	17.52%	\$725,936	\$4,267,773	16.97%	\$724,241
227	Carmine	\$28,116	2.22%	\$624	\$28,959	1.71%	\$495
228	Carrizo Springs	\$1,447,099	4.85%	\$70,184	\$1,490,512	5.02%	\$74,824
230	Carrollton	\$50,826,456	12.45%	\$6,327,894	\$52,351,250	11.48%	\$6,009,924
232	Carthage	\$4,157,482	18.89%	\$785,348	\$4,282,206	18.66%	\$799,060
231	Castle Hills	\$3,086,796	13.30%	\$410,544	\$3,179,400	12.12%	\$385,343
234	Castroville	\$1,595,571	7.74%	\$123,497	\$1,643,438	8.60%	\$141,336
238	Cedar Hill	\$19,759,581	13.15%	\$2,598,385	\$20,352,368	12.60%	\$2,564,398
239	Cedar Park	\$22,859,869	9.10%	\$2,080,248	\$23,545,665	9.35%	\$2,201,520
240	Celeste	\$57,142	6.01%	\$3,434	\$58,856	9.03%	\$5,315
242	Celina	\$3,118,918	4.09%	\$127,564	\$3,212,486	4.67%	\$150,023
244	Center	\$2,827,412	15.44%	\$436,552	\$2,912,234	16.60%	\$483,431
246	Centerville	\$224,752	14.37%	\$32,297	\$231,495	16.44%	\$38,058
247	Chandler	\$773,777	5.17%	\$40,004	\$796,990	4.72%	\$37,618
248	Charlotte	\$250,500	6.21%	\$15,556	\$258,015	6.29%	\$16,229
249	Chester	\$29,740	1.85%	\$550	\$30,632	0.55%	\$168
245	Chico	\$273,100	3.06%	\$8,357	\$281,293	3.26%	\$9,170
250	Childress	\$1,810,532	14.70%	\$266,148	\$1,864,848	14.71%	\$274,319
253	Chireno	\$268,079	18.67%	\$50,050	\$276,121	18.78%	\$51,856
254	Christine	\$27,172	0.00%	\$0	\$27,987	0.00%	\$0
255	Cibolo	\$5,163,022	10.16%	\$524,563	\$5,317,913	10.66%	\$566,890
256	Cisco	\$1,023,407	3.02%	\$30,907	\$1,054,109	2.26%	\$23,823
258	Clarendon	\$408,551	0.00%	\$0	\$420,808	0.00%	\$0
259	Clarksville	\$945,100	3.80%	\$35,914	\$973,453	3.63%	\$35,336

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
260	Clarksville City	\$201,685	2.13%	\$4,296	\$207,736	0.96%	\$1,994
263	Clear Lake Shores	\$674,600	10.40%	\$70,158	\$694,838	10.76%	\$74,765
264	Cleburne	\$14,606,440	18.09%	\$2,642,305	\$15,044,633	18.20%	\$2,738,123
266	Cleveland	\$2,994,536	10.52%	\$315,025	\$3,084,372	9.86%	\$304,119
268	Clifton	\$1,007,402	0.95%	\$9,570	\$1,037,624	0.73%	\$7,575
271	Clute	\$3,929,964	10.60%	\$416,576	\$4,047,863	9.96%	\$403,167
272	Clyde	\$1,080,834	12.85%	\$138,887	\$1,113,259	12.86%	\$143,165
274	Coahoma	\$217,784	4.51%	\$9,822	\$224,318	4.59%	\$10,296
276	Cockrell Hill	\$1,295,511	6.36%	\$82,394	\$1,334,376	6.86%	\$91,538
278	Coleman	\$2,324,596	18.57%	\$431,677	\$2,394,334	17.73%	\$424,515
280	College Station	\$45,859,321	13.22%	\$6,062,602	\$47,235,101	12.78%	\$6,036,646
281	Colleyville	\$11,469,247	6.87%	\$787,937	\$11,813,324	7.37%	\$870,642
282	Collinsville	\$251,737	0.48%	\$1,208	\$259,289	0.66%	\$1,711
283	Colmesneil	\$122,323	6.63%	\$8,110	\$125,993	6.70%	\$8,442
284	Colorado City	\$1,532,863	7.76%	\$118,950	\$1,578,849	8.18%	\$129,150
286	Columbus	\$1,692,383	13.36%	\$226,102	\$1,743,154	13.15%	\$229,225
288	Comanche	\$1,034,770	5.30%	\$54,843	\$1,065,813	4.98%	\$53,077
290	Commerce	\$2,898,087	8.89%	\$257,640	\$2,985,030	8.38%	\$250,146
294	Conroe	\$23,638,855	16.45%	\$3,888,592	\$24,348,021	16.06%	\$3,910,292
295	Converse	\$6,209,017	14.20%	\$881,680	\$6,395,288	13.83%	\$884,468
298	Cooper	\$419,163	5.65%	\$23,683	\$431,738	5.28%	\$22,796
299	Coppell	\$26,259,298	15.43%	\$4,051,810	\$27,047,077	15.11%	\$4,086,813
297	Copper Canyon	\$165,914	7.42%	\$12,311	\$170,891	8.80%	\$15,038
300	Copperas Cove	\$11,276,912	12.61%	\$1,422,019	\$11,615,219	12.31%	\$1,429,833
301	Corinth	\$8,968,798	15.13%	\$1,356,979	\$9,237,862	15.02%	\$1,387,527
302	Corpus Christi	\$116,520,813	10.54%	\$12,281,294	\$120,016,437	9.58%	\$11,497,575
304	Corrigan	\$819,981	1.12%	\$9,184	\$844,580	0.86%	\$7,263
306	Corsicana	\$8,711,954	14.01%	\$1,220,545	\$8,973,313	14.00%	\$1,256,264
308	Cotulla	\$1,240,768	5.51%	\$68,366	\$1,277,991	5.84%	\$74,635
310	Crandall	\$1,157,830	9.28%	\$107,447	\$1,192,565	9.78%	\$116,633
312	Crane	\$1,227,478	10.50%	\$128,885	\$1,264,302	10.30%	\$130,223
314	Crawford	\$178,619	0.12%	\$214	\$183,978	0.20%	\$368
316	Crockett	\$2,543,768	8.49%	\$215,966	\$2,620,081	8.11%	\$212,489
318	Crosbyton	\$357,261	3.51%	\$12,540	\$367,979	4.10%	\$15,087
320	Cross Plains	\$342,822	8.01%	\$27,460	\$353,107	7.57%	\$26,730
321	Cross Roads	\$252,749	6.65%	\$16,808	\$260,331	7.15%	\$18,614
323	Crowley	\$5,175,816	10.59%	\$548,119	\$5,331,090	10.26%	\$546,970
324	Crystal City	\$1,496,847	0.00%	\$0	\$1,541,752	0.29%	\$4,471
326	Cuero	\$4,753,375	9.88%	\$469,633	\$4,895,976	9.99%	\$489,108
328	Cumby	\$390,667	2.39%	\$9,337	\$402,387	2.36%	\$9,496
332	Daingerfield	\$770,267	6.84%	\$52,686	\$793,375	6.62%	\$52,521
334	Daisetta	\$264,346	0.83%	\$2,194	\$272,276	0.95%	\$2,587
336	Dalhart	\$2,335,766	3.78%	\$88,292	\$2,405,839	3.65%	\$87,813
339	Dalworthington Gardens	\$1,609,332	22.43%	\$360,973	\$1,657,612	21.95%	\$363,846
340	Danbury	\$353,428	5.86%	\$20,711	\$364,031	5.72%	\$20,823

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
341	Darrouzett	\$102,213	2.20%	\$2,249	\$105,279	1.38%	\$1,453
344	Dayton	\$3,220,306	5.71%	\$183,879	\$3,316,915	6.25%	\$207,307
352	De Leon	\$467,515	1.27%	\$5,937	\$481,540	1.25%	\$6,019
10366	DeSoto	\$21,431,628	10.88%	\$2,331,761	\$22,074,577	10.38%	\$2,291,341
346	Decatur	\$5,900,726	14.68%	\$866,227	\$6,077,748	15.02%	\$912,878
348	Deer Park	\$17,529,039	14.45%	\$2,532,946	\$18,054,910	13.82%	\$2,495,189
350	Dekalb	\$506,281	1.00%	\$5,063	\$521,469	1.28%	\$6,675
354	Del Rio	\$17,468,492	4.24%	\$740,664	\$17,992,547	4.11%	\$739,494
353	Dell City	\$78,324	4.46%	\$3,493	\$80,674	5.08%	\$4,098
356	Denison	\$10,289,527	12.42%	\$1,277,959	\$10,598,213	11.80%	\$1,250,589
358	Denton	\$73,484,801	17.76%	\$13,050,901	\$75,689,345	17.23%	\$13,041,274
360	Denver City	\$1,262,341	12.29%	\$155,142	\$1,300,211	11.59%	\$150,694
362	Deport	\$42,641	7.47%	\$3,185	\$43,920	6.90%	\$3,030
370	Devine	\$1,458,681	8.62%	\$125,738	\$1,502,441	8.21%	\$123,350
371	Diboll	\$1,924,629	12.48%	\$240,194	\$1,982,368	12.98%	\$257,311
372	Dickens	\$59,456	0.50%	\$297	\$61,240	0.74%	\$453
373	Dickinson	\$4,312,597	8.47%	\$365,277	\$4,441,975	8.45%	\$375,347
374	Dilley	\$1,284,924	6.21%	\$79,794	\$1,323,472	7.00%	\$92,643
376	Dimmitt	\$930,918	5.46%	\$50,828	\$958,846	4.65%	\$44,586
382	Donna	\$3,522,444	4.87%	\$171,543	\$3,628,117	5.08%	\$184,308
379	Double Oak	\$586,004	4.09%	\$23,968	\$603,584	4.63%	\$27,946
383	Dripping Springs	\$410,904	1.75%	\$7,191	\$423,231	1.86%	\$7,872
385	Driscoll	\$69,762	2.78%	\$1,939	\$71,855	1.97%	\$1,416
384	Dublin	\$1,020,665	14.00%	\$142,893	\$1,051,285	13.90%	\$146,129
386	Dumas	\$5,425,616	6.19%	\$335,846	\$5,588,384	6.22%	\$347,597
388	Duncanville	\$15,008,937	3.86%	\$579,345	\$15,459,205	3.41%	\$527,159
394	Eagle Lake	\$1,065,445	7.06%	\$75,220	\$1,097,408	8.07%	\$88,561
396	Eagle Pass	\$13,866,994	9.63%	\$1,335,392	\$14,283,004	9.08%	\$1,296,897
397	Early	\$945,714	2.85%	\$26,953	\$974,085	2.34%	\$22,794
399	Earth	\$150,456	4.50%	\$6,771	\$154,970	4.03%	\$6,245
401	East Mountain	\$190,500	11.32%	\$21,565	\$196,215	12.29%	\$24,115
395	East Tawakoni	\$270,527	6.07%	\$16,421	\$278,643	5.40%	\$15,047
398	Eastland	\$1,550,674	8.99%	\$139,406	\$1,597,194	8.79%	\$140,393
402	Ector	\$125,936	1.65%	\$2,078	\$129,714	1.65%	\$2,140
406	Eden	\$404,477	5.19%	\$20,992	\$416,611	5.22%	\$21,747
408	Edgewood	\$225,940	3.71%	\$8,382	\$232,718	3.52%	\$8,192
410	Edinburg	\$29,083,383	14.62%	\$4,251,991	\$29,955,884	14.56%	\$4,361,577
412	Edna	\$2,009,386	11.46%	\$230,276	\$2,069,668	11.26%	\$233,045
414	El Campo	\$5,227,801	11.77%	\$615,312	\$5,384,635	11.29%	\$607,925
416	Eldorado	\$685,083	6.49%	\$44,462	\$705,635	6.57%	\$46,360
418	Electra	\$1,061,909	2.22%	\$23,574	\$1,093,766	1.87%	\$20,453
420	Elgin	\$3,077,771	11.13%	\$342,556	\$3,170,104	10.96%	\$347,443
422	Elkhart	\$290,785	5.65%	\$16,429	\$299,509	5.96%	\$17,851
427	Elmendorf	\$317,063	1.02%	\$3,234	\$326,575	0.87%	\$2,841
432	Emory	\$873,119	4.05%	\$35,361	\$899,313	4.53%	\$40,739

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
436	Ennis	\$9,176,045	18.32%	\$1,681,051	\$9,451,326	17.93%	\$1,694,623
439	Eules	\$26,436,993	18.05%	\$4,771,877	\$27,230,103	17.49%	\$4,762,545
440	Eustace	\$378,859	5.30%	\$20,080	\$390,225	5.98%	\$23,335
441	Everman	\$1,749,084	8.59%	\$150,246	\$1,801,557	8.45%	\$152,232
443	Fair Oaks Ranch	\$2,118,700	11.53%	\$244,286	\$2,182,261	11.24%	\$245,286
442	Fairfield	\$1,742,451	3.29%	\$57,327	\$1,794,725	2.81%	\$50,432
445	Fairview	\$3,326,041	9.04%	\$300,674	\$3,425,822	9.57%	\$327,851
20444	Falfurrias	\$1,623,527	1.80%	\$29,223	\$1,672,233	1.68%	\$28,094
446	Falls City	\$126,810	8.85%	\$11,223	\$130,614	8.67%	\$11,324
448	Farmers Branch	\$27,043,678	18.96%	\$5,127,481	\$27,854,988	17.62%	\$4,908,049
450	Farmersville	\$1,676,257	9.19%	\$154,048	\$1,726,545	8.42%	\$145,375
451	Farwell	\$227,594	11.72%	\$26,674	\$234,422	13.17%	\$30,873
452	Fate	\$1,914,715	7.29%	\$139,583	\$1,972,156	7.81%	\$154,025
454	Fayetteville	\$49,314	0.00%	\$0	\$50,793	0.04%	\$20
456	Ferris	\$1,723,450	5.99%	\$103,235	\$1,775,154	6.49%	\$115,207
458	Flatonia	\$831,624	17.84%	\$148,362	\$856,573	17.72%	\$151,785
460	Florence	\$311,922	3.92%	\$12,227	\$321,280	3.23%	\$10,377
20462	Floresville	\$2,171,650	10.91%	\$236,927	\$2,236,800	9.98%	\$223,233
463	Flower Mound	\$31,495,064	9.19%	\$2,894,396	\$32,439,916	9.18%	\$2,977,984
464	Floydada	\$1,017,658	10.13%	\$103,089	\$1,048,188	9.12%	\$95,595
468	Forest Hill	\$4,470,002	13.11%	\$586,017	\$4,604,102	13.40%	\$616,950
470	Forney	\$7,145,796	12.70%	\$907,516	\$7,360,170	13.20%	\$971,542
472	Fort Stockton	\$4,849,397	10.60%	\$514,036	\$4,994,879	10.25%	\$511,975
476	Franklin	\$562,067	2.48%	\$13,939	\$578,929	2.79%	\$16,152
478	Frankston	\$456,374	2.50%	\$11,409	\$470,065	1.88%	\$8,837
480	Fredericksburg	\$8,837,289	9.77%	\$863,403	\$9,102,408	9.25%	\$841,973
482	Freeport	\$5,175,253	12.71%	\$657,775	\$5,330,511	13.21%	\$704,161
481	Freer	\$724,189	6.41%	\$46,421	\$745,915	6.04%	\$45,053
483	Friendswood	\$12,438,853	15.79%	\$1,964,095	\$12,812,019	15.44%	\$1,978,176
484	Friona	\$916,504	12.15%	\$111,355	\$943,999	11.34%	\$107,049
486	Frisco	\$62,545,286	13.78%	\$8,618,740	\$64,421,645	14.00%	\$9,019,030
487	Fritch	\$717,355	1.22%	\$8,752	\$738,876	1.72%	\$12,709
488	Frost	\$149,779	3.07%	\$4,598	\$154,272	3.18%	\$4,906
491	Fulshear	\$1,313,937	4.70%	\$61,755	\$1,353,355	4.93%	\$66,720
493	Fulton	\$244,995	17.75%	\$43,487	\$252,345	17.48%	\$44,110
492	Gainesville	\$10,643,532	9.71%	\$1,033,487	\$10,962,838	9.31%	\$1,020,640
494	Galena Park	\$2,804,553	14.30%	\$401,051	\$2,888,690	13.90%	\$401,528
498	Ganado	\$481,218	14.07%	\$67,707	\$495,655	11.88%	\$58,884
499	Garden Ridge	\$1,344,343	6.35%	\$85,366	\$1,384,673	6.85%	\$94,850
500	Garland	\$135,805,916	10.87%	\$14,762,103	\$139,880,093	10.30%	\$14,407,650
502	Garrison	\$224,254	15.24%	\$34,176	\$230,982	15.03%	\$34,717
503	Gary	\$158,101	6.93%	\$10,956	\$162,844	7.28%	\$11,855
504	Gatesville	\$3,434,792	15.40%	\$528,958	\$3,537,836	15.90%	\$562,516
505	George West	\$1,505,712	5.34%	\$80,405	\$1,550,883	5.02%	\$77,854
506	Georgetown	\$33,234,608	11.71%	\$3,891,773	\$34,231,646	11.47%	\$3,926,370



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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
510	Giddings	\$2,642,238	18.42%	\$486,700	\$2,721,505	18.46%	\$502,390
512	Gilmer	\$1,960,634	13.65%	\$267,627	\$2,019,453	12.93%	\$261,115
514	Gladewater	\$2,715,685	3.70%	\$100,480	\$2,797,156	3.21%	\$89,789
516	Glen Rose	\$932,242	13.06%	\$121,751	\$960,209	14.92%	\$143,263
517	Glenn Heights	\$3,148,848	3.24%	\$102,023	\$3,243,313	3.20%	\$103,786
518	Godley	\$369,615	2.27%	\$8,390	\$380,703	1.99%	\$7,576
519	Goldsmith	\$166,794	2.69%	\$4,487	\$171,798	2.73%	\$4,690
520	Goldthwaite	\$578,767	25.81%	\$149,380	\$596,130	25.83%	\$153,980
522	Goliad	\$425,948	1.86%	\$7,923	\$438,726	1.06%	\$4,650
524	Gonzales	\$4,660,053	11.20%	\$521,926	\$4,799,855	10.39%	\$498,705
532	Graford	\$123,355	2.53%	\$3,121	\$127,056	2.65%	\$3,367
10534	Graham	\$3,433,840	12.28%	\$421,676	\$3,536,855	11.91%	\$421,239
536	Granbury	\$7,992,845	15.54%	\$1,242,088	\$8,232,630	15.20%	\$1,251,360
540	Grand Prairie	\$77,244,326	16.44%	\$12,698,967	\$79,561,656	15.66%	\$12,459,355
542	Grand Saline	\$836,068	6.38%	\$53,341	\$861,150	5.57%	\$47,966
544	Grandview	\$720,291	3.93%	\$28,307	\$741,900	4.65%	\$34,498
546	Granger	\$247,304	0.25%	\$618	\$254,723	0.00%	\$0
547	Granite Shoals	\$1,587,840	3.56%	\$56,527	\$1,635,475	4.26%	\$69,671
548	Grapeland	\$438,658	5.12%	\$22,459	\$451,818	4.12%	\$18,615
550	Grapevine	\$38,613,727	19.15%	\$7,394,529	\$39,772,139	19.06%	\$7,580,570
552	Greenville	\$17,623,640	10.59%	\$1,866,343	\$18,152,349	10.30%	\$1,869,692
551	Gregory	\$347,392	4.16%	\$14,452	\$357,814	3.73%	\$13,346
553	Grey Forest	\$2,349,879	15.84%	\$372,221	\$2,420,375	15.18%	\$367,413
556	Groesbeck	\$1,382,342	2.38%	\$32,900	\$1,423,812	2.33%	\$33,175
558	Groom	\$183,705	2.73%	\$5,015	\$189,216	2.26%	\$4,276
559	Groves	\$6,124,973	9.58%	\$586,772	\$6,308,722	8.88%	\$560,215
560	Groveton	\$243,014	1.38%	\$3,354	\$250,304	1.48%	\$3,704
562	Gruver	\$252,189	7.32%	\$18,460	\$259,755	6.38%	\$16,572
563	Gun Barrel City	\$1,719,515	5.42%	\$93,198	\$1,771,100	5.52%	\$97,765
564	Gunter	\$344,819	2.75%	\$9,483	\$355,164	3.25%	\$11,543
568	Hale Center	\$408,904	2.85%	\$11,654	\$421,171	1.74%	\$7,328
570	Hallettsville	\$1,390,768	12.38%	\$172,177	\$1,432,491	12.05%	\$172,615
572	Hallsville	\$633,413	3.12%	\$19,762	\$652,415	2.94%	\$19,181
574	Haltom City	\$16,063,517	19.28%	\$3,097,046	\$16,545,423	18.72%	\$3,097,303
576	Hamilton	\$689,496	21.40%	\$147,552	\$710,181	20.74%	\$147,292
578	Hamlin	\$454,851	11.79%	\$53,627	\$468,497	10.89%	\$51,019
580	Happy	\$103,735	11.78%	\$12,220	\$106,847	12.28%	\$13,121
581	Harker Heights	\$10,845,705	14.70%	\$1,594,319	\$11,171,076	14.63%	\$1,634,328
10582	Harlingen	\$11,697,095	8.08%	\$945,125	\$12,048,008	7.01%	\$844,565
20582	Harlingen Waterworks Sys	\$5,705,063	1.08%	\$61,615	\$5,876,215	0.59%	\$34,670
583	Hart	\$133,401	2.77%	\$3,695	\$137,403	2.68%	\$3,682
586	Haskell	\$582,166	0.00%	\$0	\$599,631	0.00%	\$0
587	Haslet	\$829,432	9.08%	\$75,312	\$854,315	8.17%	\$69,798
588	Hawkins	\$394,665	12.82%	\$50,596	\$406,505	13.33%	\$54,187
585	Hays	\$19,052	6.35%	\$1,210	\$19,624	5.82%	\$1,142

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
590	Hearne	\$2,086,626	15.37%	\$320,714	\$2,149,225	15.00%	\$322,384
591	Heath	\$3,057,326	9.87%	\$301,758	\$3,149,046	10.37%	\$326,556
592	Hedley	\$53,316	0.50%	\$267	\$54,915	2.85%	\$1,565
595	Hedwig Village	\$1,843,783	6.28%	\$115,790	\$1,899,096	6.12%	\$116,225
593	Helotes	\$3,002,374	5.82%	\$174,738	\$3,092,445	6.09%	\$188,330
594	Hemphill	\$1,059,260	5.07%	\$53,704	\$1,091,038	3.51%	\$38,295
596	Hempstead	\$2,732,183	9.37%	\$256,006	\$2,814,148	8.64%	\$243,142
598	Henderson	\$5,568,714	14.98%	\$834,193	\$5,735,775	15.34%	\$879,868
600	Henrietta	\$640,833	14.84%	\$95,100	\$660,058	14.10%	\$93,068
602	Hereford	\$4,358,211	10.67%	\$465,021	\$4,488,957	10.43%	\$468,198
605	Hewitt	\$3,852,394	14.77%	\$568,999	\$3,967,966	15.27%	\$605,908
609	Hickory Creek	\$1,082,377	11.35%	\$122,850	\$1,114,848	10.81%	\$120,515
606	Hico	\$362,901	4.56%	\$16,548	\$373,788	4.55%	\$17,007
607	Hidalgo	\$4,685,424	12.71%	\$595,517	\$4,825,987	12.64%	\$610,005
608	Higgins	\$107,381	3.86%	\$4,145	\$110,602	3.64%	\$4,026
610	Highland Park	\$11,524,161	3.95%	\$455,204	\$11,869,886	3.14%	\$372,714
611	Highland Village	\$8,946,311	13.29%	\$1,188,965	\$9,214,700	13.20%	\$1,216,340
613	Hill Country Village	\$718,801	3.88%	\$27,889	\$740,365	3.14%	\$23,247
612	Hillsboro	\$4,516,854	11.23%	\$507,243	\$4,652,360	10.75%	\$500,129
619	Hilshire Village	\$75,308	13.05%	\$9,828	\$77,567	12.72%	\$9,867
614	Hitchcock	\$1,776,391	4.20%	\$74,608	\$1,829,683	3.82%	\$69,894
615	Holland	\$199,104	6.82%	\$13,579	\$205,077	7.56%	\$15,504
616	Holliday	\$373,143	1.92%	\$7,164	\$384,337	1.93%	\$7,418
617	Hollywood Park	\$1,583,264	8.78%	\$139,011	\$1,630,762	8.95%	\$145,953
618	Hondo	\$3,814,508	9.36%	\$357,038	\$3,928,943	9.00%	\$353,605
620	Honey Grove	\$408,993	7.90%	\$32,310	\$421,263	7.29%	\$30,710
622	Hooks	\$527,248	1.01%	\$5,325	\$543,065	0.87%	\$4,725
626	Howe	\$525,480	4.78%	\$25,118	\$541,244	4.50%	\$24,356
627	Hubbard	\$430,059	0.54%	\$2,322	\$442,961	0.40%	\$1,772
628	Hudson	\$650,928	3.07%	\$19,983	\$670,456	3.49%	\$23,399
629	Hudson Oaks	\$1,242,170	11.97%	\$148,688	\$1,279,435	12.47%	\$159,546
630	Hughes Springs	\$600,504	17.29%	\$103,827	\$618,519	15.36%	\$95,005
632	Humble	\$12,444,055	14.00%	\$1,742,168	\$12,817,377	13.58%	\$1,740,600
633	Hunters Creek Village	\$399,193	11.65%	\$46,506	\$411,169	12.15%	\$49,957
634	Huntington	\$675,748	15.08%	\$101,903	\$696,020	13.77%	\$95,842
636	Huntsville	\$12,614,424	17.26%	\$2,177,250	\$12,992,857	17.07%	\$2,217,881
637	Hurst	\$24,122,700	10.15%	\$2,448,454	\$24,846,381	9.63%	\$2,392,706
638	Hutchins	\$2,405,180	6.33%	\$152,248	\$2,477,335	6.83%	\$169,202
640	Hutto	\$5,115,547	11.35%	\$580,615	\$5,269,013	11.85%	\$624,378
641	Huxley	\$318,952	0.00%	\$0	\$328,521	0.00%	\$0
642	Idalou	\$559,546	3.95%	\$22,102	\$576,332	4.06%	\$23,399
643	Ingleside	\$2,810,157	10.01%	\$281,297	\$2,894,462	10.35%	\$299,577
646	Ingram	\$491,709	5.03%	\$24,733	\$506,460	5.39%	\$27,298
647	Iowa Colony	\$168,118	34.99%	\$58,824	\$173,162	33.93%	\$58,754
644	Iowa Park	\$1,681,710	13.84%	\$232,749	\$1,732,161	13.63%	\$236,094

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
645	Iraan	\$236,359	14.18%	\$33,516	\$243,450	14.43%	\$35,130
648	Irving	\$95,584,463	14.00%	\$13,381,825	\$98,451,997	13.33%	\$13,123,651
650	Italy	\$717,907	2.36%	\$16,943	\$739,444	2.25%	\$16,637
652	Itasca	\$620,591	10.11%	\$62,742	\$639,209	10.22%	\$65,327
654	Jacinto City	\$2,333,274	9.25%	\$215,828	\$2,403,272	8.76%	\$210,527
656	Jacksboro	\$1,559,324	12.92%	\$201,465	\$1,606,104	13.42%	\$215,539
658	Jacksonville	\$5,575,026	11.33%	\$631,650	\$5,742,277	10.79%	\$619,592
660	Jasper	\$5,019,747	9.03%	\$453,283	\$5,170,339	8.94%	\$462,228
664	Jefferson	\$651,670	4.23%	\$27,566	\$671,220	3.31%	\$22,217
665	Jersey Village	\$4,973,416	14.82%	\$737,060	\$5,122,618	14.88%	\$762,246
666	Jewett	\$309,277	8.49%	\$26,258	\$318,555	8.33%	\$26,536
668	Joaquin	\$283,461	3.84%	\$10,885	\$291,965	3.95%	\$11,533
670	Johnson City	\$619,624	9.26%	\$57,377	\$638,213	9.40%	\$59,992
673	Jones Creek	\$246,704	5.77%	\$14,235	\$254,105	5.74%	\$14,586
675	Jonestown	\$1,165,872	5.16%	\$60,159	\$1,200,848	5.14%	\$61,724
677	Josephine	\$192,383	5.19%	\$9,985	\$198,154	6.16%	\$12,206
671	Joshua	\$1,594,801	4.52%	\$72,085	\$1,642,645	5.06%	\$83,118
672	Jourdanton	\$1,261,231	6.10%	\$76,935	\$1,299,068	6.16%	\$80,023
674	Junction	\$646,907	12.92%	\$83,580	\$666,314	14.42%	\$96,082
676	Justin	\$1,173,236	2.44%	\$28,627	\$1,208,433	2.29%	\$27,673
678	Karnes City	\$1,132,554	4.70%	\$53,230	\$1,166,531	5.00%	\$58,327
680	Katy	\$9,560,655	15.54%	\$1,485,726	\$9,847,475	14.45%	\$1,422,960
682	Kaufman	\$2,827,835	14.92%	\$421,913	\$2,912,670	14.02%	\$408,356
683	Keene	\$2,462,278	14.47%	\$356,292	\$2,536,146	14.26%	\$361,654
681	Keller	\$18,403,410	15.53%	\$2,858,050	\$18,955,512	14.93%	\$2,830,058
685	Kemah	\$1,937,638	4.78%	\$92,619	\$1,995,767	5.23%	\$104,379
684	Kemp	\$201,761	0.00%	\$0	\$207,814	0.00%	\$0
686	Kenedy	\$1,573,260	3.88%	\$61,042	\$1,620,458	4.28%	\$69,356
688	Kennedale	\$3,557,884	12.83%	\$456,477	\$3,664,621	13.33%	\$488,494
692	Kermit	\$2,092,890	15.08%	\$315,608	\$2,155,677	15.36%	\$331,112
10694	Kerrville	\$14,961,156	8.59%	\$1,285,163	\$15,409,991	8.42%	\$1,297,521
20694	Kerrville PUB	\$3,933,431	11.79%	\$463,752	\$4,051,434	11.80%	\$478,069
10696	Kilgore	\$7,323,236	15.99%	\$1,170,985	\$7,542,933	14.63%	\$1,103,531
698	Killeen	\$47,970,858	8.24%	\$3,952,799	\$49,409,984	8.13%	\$4,017,032
700	Kingsville	\$10,845,934	9.59%	\$1,040,125	\$11,171,312	9.37%	\$1,046,752
701	Kirby	\$1,970,484	12.81%	\$252,419	\$2,029,599	13.11%	\$266,080
702	Kirbyville	\$711,600	5.56%	\$39,565	\$732,948	5.35%	\$39,213
704	Knox City	\$276,465	0.00%	\$0	\$284,759	1.06%	\$3,018
708	Kountze	\$865,192	1.07%	\$9,258	\$891,148	0.94%	\$8,377
709	Kress	\$53,303	10.48%	\$5,586	\$54,902	10.54%	\$5,787
699	Krugerville	\$558,119	5.89%	\$32,873	\$574,863	6.39%	\$36,734
707	Krum	\$1,159,355	2.87%	\$33,273	\$1,194,136	3.51%	\$41,914
710	Kyle	\$7,849,826	10.24%	\$803,822	\$8,085,321	10.74%	\$868,363
725	La Coste	\$251,194	0.87%	\$2,185	\$258,730	0.92%	\$2,380
714	La Feria	\$2,054,006	9.76%	\$200,471	\$2,115,626	9.77%	\$206,697

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
716	La Grange	\$2,595,688	16.01%	\$415,570	\$2,673,559	15.44%	\$412,798
723	La Grulla	\$248,959	3.65%	\$9,087	\$256,428	3.30%	\$8,462
732	La Joya	\$1,115,991	5.20%	\$58,032	\$1,149,471	5.48%	\$62,991
721	La Marque	\$5,148,481	9.34%	\$480,868	\$5,302,935	9.11%	\$483,097
728	La Porte	\$21,632,636	16.12%	\$3,487,181	\$22,281,615	15.64%	\$3,484,845
731	La Vernia	\$546,227	2.60%	\$14,202	\$562,614	2.44%	\$13,728
711	Lacy-Lakeview	\$1,942,722	13.01%	\$252,748	\$2,001,004	13.56%	\$271,336
712	Ladonia	\$57,733	1.48%	\$854	\$59,465	0.11%	\$65
713	Lago Vista	\$3,493,261	6.63%	\$231,603	\$3,598,059	6.48%	\$233,154
705	Laguna Vista	\$564,822	2.48%	\$14,008	\$581,767	2.50%	\$14,544
717	Lake Dallas	\$1,867,243	12.15%	\$226,870	\$1,923,260	12.56%	\$241,561
718	Lake Jackson	\$9,930,048	12.62%	\$1,253,172	\$10,227,949	11.73%	\$1,199,738
719	Lake Worth	\$4,806,460	12.35%	\$593,598	\$4,950,654	12.52%	\$619,822
727	Lakeport	\$166,798	0.00%	\$0	\$171,802	0.00%	\$0
715	Lakeside	\$504,866	5.65%	\$28,525	\$520,012	6.31%	\$32,813
729	Lakeside City	\$124,302	1.33%	\$1,653	\$128,031	1.22%	\$1,562
720	Lakeway	\$5,565,606	12.08%	\$672,325	\$5,732,574	12.63%	\$724,024
722	Lamesa	\$2,956,118	3.75%	\$110,854	\$3,044,802	3.60%	\$109,613
724	Lampasas	\$4,755,037	14.56%	\$692,333	\$4,897,688	14.16%	\$693,513
726	Lancaster	\$13,863,623	14.00%	\$1,940,907	\$14,279,532	13.30%	\$1,899,178
730	Laredo	\$99,036,928	21.18%	\$20,976,021	\$102,008,036	21.29%	\$21,717,511
733	Lavon	\$664,204	3.51%	\$23,314	\$684,130	4.22%	\$28,870
736	League City	\$28,743,262	14.77%	\$4,245,380	\$29,605,560	14.86%	\$4,399,386
737	Leander	\$10,856,055	11.06%	\$1,200,680	\$11,181,737	11.61%	\$1,298,200
735	Lefors	\$99,770	4.45%	\$4,440	\$102,763	3.85%	\$3,956
739	Leon Valley	\$4,979,483	15.67%	\$780,285	\$5,128,867	13.98%	\$717,016
738	Leonard	\$553,360	0.67%	\$3,708	\$569,961	0.61%	\$3,477
740	Levelland	\$4,716,397	12.37%	\$583,418	\$4,857,889	11.94%	\$580,032
742	Lewisville	\$46,322,426	16.88%	\$7,819,226	\$47,712,099	16.27%	\$7,762,759
744	Lexington	\$412,414	8.04%	\$33,158	\$424,786	8.77%	\$37,254
746	Liberty	\$4,118,344	16.83%	\$693,117	\$4,241,894	17.74%	\$752,512
745	Liberty Hill	\$520,101	2.56%	\$13,315	\$535,704	2.75%	\$14,732
748	Lindale	\$2,092,948	15.05%	\$314,989	\$2,155,736	14.34%	\$309,133
750	Linden	\$489,549	1.56%	\$7,637	\$504,235	1.34%	\$6,757
755	Lipan	\$154,609	1.58%	\$2,443	\$159,247	1.69%	\$2,691
751	Little Elm	\$11,278,305	11.55%	\$1,302,644	\$11,616,654	12.15%	\$1,411,423
752	Littlefield	\$2,036,465	9.65%	\$196,519	\$2,097,559	9.10%	\$190,878
753	Live Oak	\$6,245,579	17.92%	\$1,119,208	\$6,432,946	17.62%	\$1,133,485
757	Liverpool	\$164,083	1.10%	\$1,805	\$169,005	1.92%	\$3,245
754	Livingston	\$3,741,725	16.72%	\$625,616	\$3,853,977	16.05%	\$618,563
756	Llano	\$1,785,462	9.93%	\$177,296	\$1,839,026	9.67%	\$177,834
758	Lockhart	\$5,638,390	12.32%	\$694,650	\$5,807,542	11.86%	\$688,774
760	Lockney	\$158,761	0.00%	\$0	\$163,524	0.00%	\$0
765	Lone Star	\$418,878	3.06%	\$12,818	\$431,444	2.83%	\$12,210
766	Longview	\$31,560,559	10.08%	\$3,181,304	\$32,507,376	9.86%	\$3,205,227

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
768	Loraine	\$103,903	4.68%	\$4,863	\$107,020	2.05%	\$2,194
769	Lorena	\$576,789	5.71%	\$32,935	\$594,093	6.29%	\$37,368
770	Lorenzo	\$214,737	2.08%	\$4,467	\$221,179	2.18%	\$4,822
771	Los Fresnos	\$1,775,298	1.04%	\$18,463	\$1,828,557	0.83%	\$15,177
773	Lott	\$317,942	0.72%	\$2,289	\$327,480	0.87%	\$2,849
774	Lovelady	\$105,312	5.89%	\$6,203	\$108,471	6.09%	\$6,606
778	Lubbock	\$91,793,485	18.57%	\$17,046,050	\$94,547,290	17.96%	\$16,980,693
779	Lucas	\$1,424,987	12.65%	\$180,261	\$1,467,737	13.15%	\$193,007
782	Lufkin	\$15,403,985	16.20%	\$2,495,446	\$15,866,105	15.72%	\$2,494,152
784	Luling	\$3,159,953	8.70%	\$274,916	\$3,254,752	8.51%	\$276,979
785	Lumberton	\$1,969,176	17.82%	\$350,907	\$2,028,251	16.69%	\$338,515
786	Lyford	\$388,998	4.20%	\$16,338	\$400,668	4.36%	\$17,469
787	Lytle	\$916,098	8.93%	\$81,808	\$943,581	9.01%	\$85,017
790	Madisonville	\$1,361,621	8.91%	\$121,320	\$1,402,470	9.03%	\$126,643
791	Magnolia	\$1,248,430	0.50%	\$6,242	\$1,285,883	1.16%	\$14,916
792	Malakoff	\$1,023,297	4.04%	\$41,341	\$1,053,996	5.10%	\$53,754
796	Manor	\$1,930,589	3.22%	\$62,165	\$1,988,507	3.36%	\$66,814
798	Mansfield	\$31,222,146	14.49%	\$4,524,089	\$32,158,810	14.14%	\$4,547,256
799	Manvel	\$1,289,642	5.19%	\$66,932	\$1,328,331	5.65%	\$75,051
800	Marble Falls	\$5,739,475	4.43%	\$254,259	\$5,911,659	4.35%	\$257,157
802	Marfa	\$955,602	0.38%	\$3,631	\$984,270	0.91%	\$8,957
804	Marion	\$468,714	5.02%	\$23,529	\$482,775	5.04%	\$24,332
806	Marlin	\$1,640,093	7.81%	\$128,091	\$1,689,296	8.52%	\$143,928
810	Marshall	\$8,102,678	16.73%	\$1,355,578	\$8,345,758	16.19%	\$1,351,178
812	Mart	\$437,560	0.50%	\$2,188	\$450,687	1.00%	\$4,507
813	Martindale	\$146,078	8.52%	\$12,446	\$150,460	8.85%	\$13,316
814	Mason	\$1,121,990	6.37%	\$71,471	\$1,155,650	6.04%	\$69,801
816	Matador	\$132,108	4.77%	\$6,302	\$136,071	6.12%	\$8,328
818	Mathis	\$1,396,124	1.85%	\$25,828	\$1,438,008	2.40%	\$34,512
820	Maud	\$187,128	3.43%	\$6,418	\$192,742	3.28%	\$6,322
822	Maypearl	\$217,308	1.47%	\$3,194	\$223,827	1.64%	\$3,671
824	McAllen	\$64,858,050	6.53%	\$4,235,231	\$66,803,792	6.28%	\$4,195,278
826	McCamey	\$367,070	1.09%	\$4,001	\$378,082	1.61%	\$6,087
828	McGregor	\$2,127,697	10.64%	\$226,387	\$2,191,528	10.55%	\$231,206
830	McKinney	\$57,746,695	15.56%	\$8,985,386	\$59,479,096	15.18%	\$9,028,927
832	McLean	\$219,565	2.76%	\$6,060	\$226,152	1.58%	\$3,573
833	McLendon-Chisholm	\$121,754	7.81%	\$9,509	\$125,407	8.41%	\$10,547
831	Meadowlakes	\$497,266	1.46%	\$7,260	\$512,184	1.30%	\$6,658
835	Meadows Place	\$1,382,975	7.55%	\$104,415	\$1,424,464	5.92%	\$84,328
837	Melissa	\$1,903,392	5.55%	\$105,638	\$1,960,494	6.19%	\$121,355
1501	Memorial Villages PD	\$3,151,316	9.92%	\$312,611	\$3,245,855	9.30%	\$301,865
840	Memphis	\$527,010	5.98%	\$31,515	\$542,820	4.93%	\$26,761
842	Menard	\$250,347	0.00%	\$0	\$257,857	0.00%	\$0
844	Mercedes	\$4,349,481	19.69%	\$856,413	\$4,479,965	19.09%	\$855,225
846	Meridian	\$337,759	2.16%	\$7,296	\$347,892	2.26%	\$7,862

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
848	Merkel	\$483,951	13.74%	\$66,495	\$498,470	13.33%	\$66,446
852	Mertzson	\$263,284	10.64%	\$28,013	\$271,183	8.48%	\$22,996
854	Mesquite	\$69,025,202	10.62%	\$7,330,476	\$71,095,958	10.14%	\$7,209,130
856	Mexia	\$3,980,132	12.11%	\$481,994	\$4,099,536	11.80%	\$483,745
860	Midland	\$41,220,171	15.04%	\$6,199,514	\$42,456,776	15.02%	\$6,377,008
862	Midlothian	\$10,840,083	13.72%	\$1,487,259	\$11,165,285	14.05%	\$1,568,723
863	Milano	\$64,200	1.77%	\$1,136	\$66,126	4.09%	\$2,705
864	Miles	\$93,788	0.00%	\$0	\$96,602	0.00%	\$0
865	Milford	\$233,263	9.29%	\$21,670	\$240,261	8.28%	\$19,894
868	Mineola	\$2,046,467	3.91%	\$80,017	\$2,107,861	3.53%	\$74,407
870	Mineral Wells	\$7,268,923	9.43%	\$685,459	\$7,486,991	8.85%	\$662,599
874	Mission	\$26,781,741	7.94%	\$2,126,470	\$27,585,193	7.86%	\$2,168,196
875	Missouri City	\$19,459,114	5.61%	\$1,091,656	\$20,042,887	5.40%	\$1,082,316
876	Monahans	\$3,180,275	9.42%	\$299,582	\$3,275,683	8.93%	\$292,518
887	Mont Belvieu	\$4,164,641	15.68%	\$653,016	\$4,289,580	15.93%	\$683,330
877	Montgomery	\$829,422	3.27%	\$27,122	\$854,305	3.77%	\$32,207
878	Moody	\$433,855	2.62%	\$11,367	\$446,871	2.69%	\$12,021
883	Morgan's Point	\$902,903	8.09%	\$73,045	\$929,990	8.59%	\$79,886
882	Morgan's Point Resort	\$894,229	9.69%	\$86,651	\$921,056	10.19%	\$93,856
884	Morton	\$358,574	8.79%	\$31,519	\$369,331	4.54%	\$16,768
886	Moulton	\$451,006	6.42%	\$28,955	\$464,536	6.68%	\$31,031
890	Mount Enterprise	\$107,093	2.49%	\$2,667	\$110,306	1.91%	\$2,107
892	Mt. Pleasant	\$6,581,220	15.98%	\$1,051,679	\$6,778,657	15.35%	\$1,040,524
894	Mt. Vernon	\$840,664	10.78%	\$90,624	\$865,884	10.19%	\$88,234
896	Muenster	\$498,018	1.22%	\$6,076	\$512,959	0.49%	\$2,513
898	Muleshoe	\$1,292,495	16.72%	\$216,105	\$1,331,270	15.89%	\$211,539
901	Munday	\$300,251	3.51%	\$10,539	\$309,259	3.33%	\$10,298
903	Murphy	\$6,408,182	11.37%	\$728,610	\$6,600,427	11.87%	\$783,471
10904	Nacogdoches	\$15,685,100	14.33%	\$2,247,675	\$16,155,653	13.93%	\$2,250,482
906	Naples	\$355,738	2.33%	\$8,289	\$366,410	1.93%	\$7,072
907	Nash	\$848,443	3.79%	\$32,156	\$873,896	4.30%	\$37,578
905	Nassau Bay	\$2,605,882	14.13%	\$368,211	\$2,684,058	14.67%	\$393,751
909	Natalia	\$413,144	2.77%	\$11,444	\$425,538	2.32%	\$9,872
908	Navasota	\$3,650,858	7.63%	\$278,560	\$3,760,384	7.49%	\$281,653
910	Nederland	\$7,077,285	6.16%	\$435,961	\$7,289,604	5.42%	\$395,097
912	Needville	\$639,073	4.44%	\$28,375	\$658,245	3.26%	\$21,459
914	New Boston	\$1,184,761	2.81%	\$33,292	\$1,220,304	2.34%	\$28,555
10916	New Braunfels	\$30,174,200	16.95%	\$5,114,527	\$31,079,426	17.23%	\$5,354,985
20916	New Braunfels Utilities	\$12,703,664	13.54%	\$1,720,076	\$13,084,774	12.45%	\$1,629,054
915	New Deal	\$191,788	1.13%	\$2,167	\$197,542	0.00%	\$0
923	New Fairview	\$76,079	5.05%	\$3,842	\$78,361	4.66%	\$3,652
918	New London	\$415,949	6.02%	\$25,040	\$428,427	5.25%	\$22,492
919	New Summerfield	\$345,816	1.16%	\$4,011	\$356,190	1.61%	\$5,735
917	New Waverly	\$209,054	3.74%	\$7,819	\$215,326	5.30%	\$11,412
913	Newark	\$115,920	3.46%	\$4,011	\$119,398	3.33%	\$3,976

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
920	Newton	\$969,507	22.10%	\$214,261	\$998,592	20.58%	\$205,510
922	Nixon	\$653,988	0.95%	\$6,213	\$673,608	1.00%	\$6,736
924	Nocona	\$871,642	10.05%	\$87,600	\$897,791	9.26%	\$83,135
925	Nolanville	\$456,115	1.51%	\$6,887	\$469,798	1.89%	\$8,879
928	Normangee	\$233,785	3.25%	\$7,598	\$240,799	3.45%	\$8,308
931	North Richland Hills	\$34,288,238	16.79%	\$5,756,995	\$35,316,885	16.26%	\$5,742,526
930	Northlake	\$1,200,647	7.40%	\$88,848	\$1,236,666	7.98%	\$98,686
935	O'Donnell	\$93,963	8.77%	\$8,241	\$96,782	6.83%	\$6,610
936	Oak Point	\$1,042,413	7.02%	\$73,177	\$1,073,685	6.70%	\$71,937
937	Oak Ridge North	\$2,600,202	12.34%	\$320,865	\$2,678,208	11.71%	\$313,618
942	Odem	\$463,682	6.92%	\$32,087	\$477,592	6.84%	\$32,667
944	Odessa	\$35,863,559	14.01%	\$5,024,485	\$36,939,466	13.39%	\$4,946,194
945	Oglesby	\$49,628	1.77%	\$878	\$51,117	0.01%	\$5
949	Old River-Winfree	\$30,489	0.00%	\$0	\$31,404	0.00%	\$0
950	Olmos Park	\$1,622,578	1.37%	\$22,229	\$1,671,255	1.21%	\$20,222
951	Olney	\$745,056	5.32%	\$39,637	\$767,408	5.87%	\$45,047
953	Omaha	\$191,453	4.71%	\$9,017	\$197,197	4.77%	\$9,406
954	Onalaska	\$402,268	1.10%	\$4,425	\$414,336	1.61%	\$6,671
958	Orange	\$8,570,411	19.29%	\$1,653,232	\$8,827,523	17.87%	\$1,577,478
960	Orange Grove	\$424,132	1.62%	\$6,871	\$436,856	1.95%	\$8,519
959	Ore City	\$335,204	0.84%	\$2,816	\$345,260	0.76%	\$2,624
962	Overton	\$592,026	1.12%	\$6,631	\$609,787	0.92%	\$5,610
961	Ovilla	\$987,284	6.73%	\$66,444	\$1,016,903	7.23%	\$73,522
963	Oyster Creek	\$807,498	9.61%	\$77,601	\$831,723	9.35%	\$77,766
964	Paducah	\$311,717	2.59%	\$8,073	\$321,069	2.48%	\$7,963
966	Palacios	\$1,412,702	17.17%	\$242,561	\$1,455,083	16.82%	\$244,745
968	Palestine	\$8,011,533	14.75%	\$1,181,701	\$8,251,879	13.93%	\$1,149,487
970	Palmer	\$934,549	6.58%	\$61,493	\$962,585	6.78%	\$65,263
969	Palmhurst	\$946,115	0.87%	\$8,231	\$974,498	0.84%	\$8,186
971	Palmview	\$1,777,336	2.04%	\$36,258	\$1,830,656	2.02%	\$36,979
972	Pampa	\$6,934,572	21.31%	\$1,477,757	\$7,142,609	21.27%	\$1,519,233
974	Panhandle	\$789,672	13.66%	\$107,869	\$813,362	13.63%	\$110,861
973	Panorama Village	\$562,484	5.88%	\$33,074	\$579,359	5.66%	\$32,792
975	Pantego	\$2,205,364	14.85%	\$327,497	\$2,271,525	16.36%	\$371,621
976	Paris	\$11,825,984	6.21%	\$734,394	\$12,180,764	5.73%	\$697,958
977	Parker	\$1,115,127	11.68%	\$130,247	\$1,148,581	11.20%	\$128,641
978	Pasadena	\$56,205,126	13.56%	\$7,621,415	\$57,891,280	12.70%	\$7,352,193
983	Pearland	\$34,089,409	13.41%	\$4,571,390	\$35,112,091	13.37%	\$4,694,487
984	Pearsall	\$2,458,888	3.43%	\$84,340	\$2,532,655	3.29%	\$83,324
988	Pecos City	\$4,708,884	5.34%	\$251,454	\$4,850,151	5.18%	\$251,238
994	Perryton	\$3,571,250	14.55%	\$519,617	\$3,678,388	14.11%	\$519,021
1000	Pflugerville	\$15,638,431	13.31%	\$2,081,475	\$16,107,584	13.64%	\$2,197,074
1002	Pharr	\$23,264,509	6.78%	\$1,577,334	\$23,962,444	6.52%	\$1,562,351
1004	Pilot Point	\$1,567,356	8.46%	\$132,598	\$1,614,377	8.96%	\$144,648
1005	Pinehurst	\$1,071,222	16.65%	\$178,358	\$1,103,359	16.14%	\$178,082

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1003	Pineland	\$448,135	11.82%	\$52,970	\$461,579	10.26%	\$47,358
1001	Piney Point Village	\$393,376	5.67%	\$22,304	\$405,177	6.69%	\$27,106
1006	Pittsburg	\$1,353,331	16.15%	\$218,563	\$1,393,931	15.35%	\$213,968
1007	Plains	\$332,568	6.00%	\$19,954	\$342,545	5.74%	\$19,662
1008	Plainview	\$5,832,910	14.88%	\$867,937	\$6,007,897	13.78%	\$827,888
1010	Plano	\$140,546,926	18.11%	\$25,453,048	\$144,763,334	17.44%	\$25,246,725
1012	Pleasanton	\$4,173,324	16.64%	\$694,441	\$4,298,524	16.28%	\$699,800
1013	Point	\$237,204	6.62%	\$15,703	\$244,320	5.84%	\$14,268
1017	Ponder	\$442,006	5.14%	\$22,719	\$455,266	5.29%	\$24,084
1014	Port Aransas	\$4,609,104	12.36%	\$569,685	\$4,747,377	12.22%	\$580,129
11016	Port Arthur	\$31,345,386	14.20%	\$4,451,045	\$32,285,748	13.61%	\$4,394,090
1018	Port Isabel	\$2,556,273	3.90%	\$99,695	\$2,632,961	3.65%	\$96,103
1020	Port Lavaca	\$3,719,883	5.90%	\$219,473	\$3,831,479	5.68%	\$217,628
1022	Port Neches	\$5,942,381	11.92%	\$708,332	\$6,120,652	11.56%	\$707,547
1019	Portland	\$5,749,771	14.37%	\$826,242	\$5,922,264	14.30%	\$846,884
1024	Post	\$550,214	9.53%	\$52,435	\$566,720	10.08%	\$57,125
1026	Poteet	\$768,395	1.16%	\$8,913	\$791,447	0.72%	\$5,698
1028	Poth	\$402,493	3.12%	\$12,558	\$414,568	3.49%	\$14,468
1030	Pottsboro	\$811,145	4.21%	\$34,149	\$835,479	4.84%	\$40,437
1032	Premont	\$564,392	0.00%	\$0	\$581,324	0.02%	\$116
1029	Presidio	\$1,397,328	0.57%	\$7,965	\$1,439,248	0.44%	\$6,333
1033	Primera	\$556,350	0.20%	\$1,113	\$573,041	0.33%	\$1,891
1034	Princeton	\$1,975,299	9.65%	\$190,616	\$2,034,558	10.15%	\$206,508
1036	Prosper	\$7,047,451	11.87%	\$836,532	\$7,258,875	12.37%	\$897,923
1042	Quanah	\$576,161	11.38%	\$65,567	\$593,446	9.94%	\$58,989
1045	Queen City	\$503,555	1.17%	\$5,892	\$518,662	1.45%	\$7,521
1044	Quinlan	\$537,662	9.24%	\$49,680	\$553,792	10.14%	\$56,155
1047	Quintana	\$86,093	1.34%	\$1,154	\$88,676	1.33%	\$1,179
1046	Quitaque	\$108,289	4.46%	\$4,830	\$111,538	4.40%	\$4,908
1048	Quitman	\$865,899	8.30%	\$71,870	\$891,876	8.10%	\$72,242
1050	Ralls	\$354,832	7.53%	\$26,719	\$365,477	7.22%	\$26,387
1051	Rancho Viejo	\$524,218	7.62%	\$39,945	\$539,945	6.23%	\$33,639
1052	Ranger	\$815,390	8.44%	\$68,819	\$839,852	8.78%	\$73,739
1054	Rankin	\$233,761	1.29%	\$3,016	\$240,774	1.07%	\$2,576
1055	Ransom Canyon	\$507,164	14.44%	\$73,234	\$522,379	14.40%	\$75,223
1058	Raymondville	\$2,179,420	1.10%	\$23,974	\$2,244,803	0.48%	\$10,775
1061	Red Oak	\$4,521,110	4.77%	\$215,657	\$4,656,743	5.31%	\$247,273
1062	Redwater	\$259,440	3.45%	\$8,951	\$267,223	3.39%	\$9,059
1064	Refugio	\$1,114,602	0.00%	\$0	\$1,148,040	0.00%	\$0
1065	Reklaw	\$216,699	17.61%	\$38,161	\$223,200	16.34%	\$36,471
1066	Reno (Lamar County)	\$456,735	2.71%	\$12,378	\$470,437	3.18%	\$14,960
1069	Reno (Parker County)	\$465,914	2.57%	\$11,974	\$479,891	2.52%	\$12,093
1067	Rhome	\$572,806	4.41%	\$25,261	\$589,990	4.91%	\$28,969
1068	Rice	\$256,350	0.97%	\$2,487	\$264,041	0.32%	\$845
1070	Richardson	\$66,960,545	13.80%	\$9,240,555	\$68,969,361	13.32%	\$9,186,719



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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1073	Richland Hills	\$4,295,892	17.70%	\$760,373	\$4,424,769	16.16%	\$715,043
1074	Richland Springs	\$10,493	0.00%	\$0	\$10,808	0.00%	\$0
1076	Richmond	\$7,268,949	13.99%	\$1,016,926	\$7,487,017	13.21%	\$989,035
1077	Richwood	\$954,617	11.98%	\$114,363	\$983,256	11.00%	\$108,158
1072	Riesel	\$288,805	5.30%	\$15,307	\$297,469	5.57%	\$16,569
1075	Rio Grande City	\$4,891,146	8.17%	\$399,607	\$5,037,880	7.26%	\$365,750
1079	Rio Vista	\$364,129	7.23%	\$26,327	\$375,053	4.97%	\$18,640
1080	Rising Star	\$205,991	0.00%	\$0	\$212,171	0.00%	\$0
1082	River Oaks	\$2,380,088	16.30%	\$387,954	\$2,451,491	15.50%	\$379,981
1084	Roanoke	\$8,326,815	14.79%	\$1,231,536	\$8,576,619	15.66%	\$1,343,099
1088	Robert Lee	\$118,327	5.58%	\$6,603	\$121,877	5.72%	\$6,971
1089	Robinson	\$3,062,532	13.14%	\$402,417	\$3,154,408	13.17%	\$415,436
21090	Robstown	\$5,436,963	6.22%	\$338,179	\$5,600,072	6.10%	\$341,604
11090	Robstown Utility Systems	\$2,311,192	17.12%	\$395,676	\$2,380,528	16.53%	\$393,501
1092	Roby	\$107,346	0.50%	\$537	\$110,566	1.59%	\$1,758
1096	Rockdale	\$1,833,784	9.94%	\$182,278	\$1,888,798	9.65%	\$182,269
1098	Rockport	\$4,954,744	15.91%	\$788,300	\$5,103,386	15.20%	\$775,715
1100	Rocksprings	\$163,499	0.50%	\$817	\$168,404	0.00%	\$0
1102	Rockwall	\$17,177,938	16.41%	\$2,818,900	\$17,693,276	16.22%	\$2,869,849
1104	Rogers	\$295,359	4.93%	\$14,561	\$304,220	4.35%	\$13,234
1105	Rollingwood	\$777,690	6.52%	\$50,705	\$801,021	7.84%	\$62,800
1106	Roma	\$3,481,235	10.95%	\$381,195	\$3,585,672	10.51%	\$376,854
1109	Roscoe	\$236,769	1.53%	\$3,623	\$243,872	1.23%	\$3,000
1112	Rosebud	\$350,284	1.28%	\$4,484	\$360,793	1.34%	\$4,835
1114	Rosenberg	\$12,949,570	14.18%	\$1,836,249	\$13,338,057	13.48%	\$1,797,970
1116	Rotan	\$208,635	0.00%	\$0	\$214,894	0.00%	\$0
1118	Round Rock	\$50,373,348	15.45%	\$7,782,682	\$51,884,548	15.40%	\$7,990,220
1119	Rowlett	\$21,614,115	13.06%	\$2,822,803	\$22,262,538	12.42%	\$2,765,007
1120	Royse City	\$2,783,000	10.47%	\$291,380	\$2,866,490	11.48%	\$329,073
1122	Rule	\$85,625	6.91%	\$5,917	\$88,194	8.00%	\$7,056
1123	Runaway Bay	\$598,912	1.54%	\$9,223	\$616,879	2.10%	\$12,954
1124	Runge	\$164,417	14.90%	\$24,498	\$169,350	14.96%	\$25,335
1126	Rusk	\$1,525,965	4.86%	\$74,162	\$1,571,744	5.45%	\$85,660
1128	Sabinal	\$465,199	2.82%	\$13,119	\$479,155	2.68%	\$12,841
1129	Sachse	\$7,145,218	12.33%	\$881,005	\$7,359,575	13.03%	\$958,953
1131	Saginaw	\$7,592,430	17.89%	\$1,358,286	\$7,820,203	17.85%	\$1,395,906
1130	Saint Jo	\$246,919	3.80%	\$9,383	\$254,327	4.30%	\$10,936
1133	Salado	\$406,116	5.73%	\$23,270	\$418,299	6.23%	\$26,060
1132	San Angelo	\$30,781,074	17.70%	\$5,448,250	\$31,704,506	17.09%	\$5,418,300
21136	San Antonio	\$312,563,448	10.76%	\$33,631,827	\$321,940,351	10.36%	\$33,353,020
11136	San Antonio Water System	\$95,631,972	3.81%	\$3,643,578	\$98,500,931	3.69%	\$3,634,684
1138	San Augustine	\$1,123,987	11.25%	\$126,449	\$1,157,707	10.19%	\$117,970
1140	San Benito	\$5,974,601	5.11%	\$305,302	\$6,153,839	4.90%	\$301,538
1144	San Felipe	\$169,637	4.64%	\$7,871	\$174,726	3.57%	\$6,238
1148	San Juan	\$7,895,958	1.85%	\$146,075	\$8,132,837	1.76%	\$143,138

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1150	San Marcos	\$33,908,094	17.80%	\$6,035,641	\$34,925,337	17.49%	\$6,108,441
1152	San Saba	\$1,862,596	8.11%	\$151,057	\$1,918,474	8.05%	\$154,437
1146	Sanger	\$3,226,899	7.09%	\$228,787	\$3,323,706	7.13%	\$236,980
1153	Sansom Park	\$1,291,556	3.72%	\$48,046	\$1,330,303	4.35%	\$57,868
1155	Santa Fe	\$3,095,300	12.61%	\$390,317	\$3,188,159	12.31%	\$392,462
1158	Savoy	\$143,649	1.74%	\$2,499	\$147,958	0.83%	\$1,228
1159	Schertz	\$15,716,036	15.81%	\$2,484,705	\$16,187,517	15.94%	\$2,580,290
1160	Schulenburg	\$1,680,933	20.86%	\$350,643	\$1,731,361	21.32%	\$369,126
1161	Seabrook	\$5,693,893	14.02%	\$798,284	\$5,864,710	13.72%	\$804,638
1162	Seadrift	\$356,067	3.78%	\$13,459	\$366,749	3.94%	\$14,450
1164	Seagoville	\$4,096,495	9.71%	\$397,770	\$4,219,390	9.53%	\$402,108
1166	Seagraves	\$591,701	11.04%	\$65,324	\$609,452	10.09%	\$61,494
1167	Sealy	\$2,797,340	15.47%	\$432,748	\$2,881,260	15.03%	\$433,053
1168	Seguin	\$16,670,563	15.51%	\$2,585,604	\$17,170,680	15.25%	\$2,618,529
1169	Selma	\$4,732,457	14.00%	\$662,544	\$4,874,431	14.71%	\$717,029
1170	Seminole	\$2,531,402	13.66%	\$345,790	\$2,607,344	13.53%	\$352,774
1171	Seven Points	\$607,372	3.37%	\$20,468	\$625,593	3.87%	\$24,210
1172	Seymour	\$1,064,263	7.63%	\$81,203	\$1,096,191	7.36%	\$80,680
1165	Shady Shores	\$36,291	0.31%	\$113	\$37,380	1.10%	\$411
1177	Shallowater	\$553,728	2.79%	\$15,449	\$570,340	2.84%	\$16,198
1174	Shamrock	\$801,379	8.71%	\$69,800	\$825,420	8.06%	\$66,529
1173	Shavano Park	\$2,223,889	11.00%	\$244,628	\$2,290,606	11.50%	\$263,420
1175	Shenandoah	\$3,235,609	15.48%	\$500,872	\$3,332,677	15.98%	\$532,562
1181	Shepherd	\$278,070	2.18%	\$6,062	\$286,412	2.32%	\$6,645
1176	Sherman	\$21,158,282	13.76%	\$2,911,380	\$21,793,030	13.29%	\$2,896,294
1178	Shiner	\$985,741	7.40%	\$72,945	\$1,015,313	7.22%	\$73,306
1179	Shoreacres	\$714,404	4.74%	\$33,863	\$735,836	5.20%	\$38,263
1180	Silsbee	\$2,749,553	17.77%	\$488,596	\$2,832,040	17.38%	\$492,209
1182	Silverton	\$66,490	4.65%	\$3,092	\$68,485	1.21%	\$829
1184	Sinton	\$2,050,712	12.64%	\$259,210	\$2,112,233	12.40%	\$261,917
1185	Skellytown	\$132,282	0.00%	\$0	\$136,250	0.76%	\$1,036
1186	Slaton	\$1,864,513	6.59%	\$122,871	\$1,920,448	6.01%	\$115,419
1188	Smithville	\$2,119,889	6.75%	\$143,093	\$2,183,486	5.95%	\$129,917
1189	Smyer	\$72,771	7.37%	\$5,363	\$74,954	8.00%	\$5,996
1190	Snyder	\$4,467,730	16.48%	\$736,282	\$4,601,762	16.11%	\$741,344
1191	Somerset	\$266,054	2.59%	\$6,891	\$274,036	2.90%	\$7,947
1192	Somerville	\$551,680	5.68%	\$31,335	\$568,230	5.40%	\$30,684
1194	Sonora	\$1,186,309	8.67%	\$102,853	\$1,221,898	8.86%	\$108,260
1196	Sour Lake	\$507,308	0.00%	\$0	\$522,527	0.00%	\$0
1198	South Houston	\$4,709,886	11.88%	\$559,534	\$4,851,183	10.94%	\$530,719
1199	South Padre Island	\$7,697,990	12.62%	\$971,486	\$7,928,930	12.46%	\$987,945
1197	Southlake	\$20,192,874	12.05%	\$2,433,241	\$20,798,660	11.50%	\$2,391,846
1202	Southside Place	\$1,135,308	11.53%	\$130,901	\$1,169,367	10.62%	\$124,187
1204	Spearman	\$862,481	11.56%	\$99,703	\$888,355	12.06%	\$107,136
1205	Spring Valley Village	\$2,329,358	6.58%	\$153,272	\$2,399,239	6.07%	\$145,634

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1203	Springtown	\$1,520,566	9.00%	\$136,851	\$1,566,183	9.50%	\$148,787
1206	Spur	\$318,086	5.19%	\$16,509	\$327,629	5.13%	\$16,807
1207	Stafford	\$7,066,145	14.91%	\$1,053,562	\$7,278,129	14.51%	\$1,056,057
1208	Stamford	\$880,656	6.05%	\$53,280	\$907,076	5.01%	\$45,445
1210	Stanton	\$874,917	7.89%	\$69,031	\$901,165	7.57%	\$68,218
1211	Star Harbor	\$175,400	10.27%	\$18,014	\$180,662	9.27%	\$16,747
1212	Stephenville	\$7,102,098	14.53%	\$1,031,935	\$7,315,161	14.19%	\$1,038,021
1213	Sterling City	\$207,159	0.29%	\$601	\$213,374	0.39%	\$832
1214	Stinnett	\$537,378	0.00%	\$0	\$553,499	0.00%	\$0
1216	Stockdale	\$325,626	3.96%	\$12,895	\$335,395	4.09%	\$13,718
1218	Stratford	\$557,792	7.19%	\$40,105	\$574,526	7.30%	\$41,940
1224	Sudan	\$255,210	2.97%	\$7,580	\$262,866	2.91%	\$7,649
1225	Sugar Land	\$41,912,490	15.11%	\$6,332,977	\$43,169,865	14.71%	\$6,350,287
1226	Sulphur Springs	\$7,442,296	6.20%	\$461,422	\$7,665,565	5.37%	\$411,641
1228	Sundown	\$605,432	10.01%	\$60,604	\$623,595	10.01%	\$62,422
1229	Sunnyvale	\$1,543,613	11.64%	\$179,677	\$1,589,921	12.14%	\$193,016
1230	Sunray	\$530,102	20.06%	\$106,338	\$546,005	18.93%	\$103,359
1227	Sunrise Beach Village	\$422,706	1.21%	\$5,115	\$435,387	0.98%	\$4,267
1231	Sunset Valley	\$1,662,740	9.79%	\$162,782	\$1,712,622	10.29%	\$176,229
1233	Surfside Beach	\$666,543	0.76%	\$5,066	\$686,539	0.66%	\$4,531
1232	Sweeny	\$874,418	17.86%	\$156,171	\$900,651	17.26%	\$155,452
1234	Sweetwater	\$4,726,653	19.19%	\$907,045	\$4,868,453	18.15%	\$883,624
1264	TMRS	\$7,877,322	16.76%	\$1,320,239	\$8,113,642	16.75%	\$1,359,035
1236	Taft	\$1,195,892	11.27%	\$134,777	\$1,231,769	11.95%	\$147,196
1238	Tahoka	\$622,571	0.00%	\$0	\$641,248	0.00%	\$0
1241	Tatum	\$377,732	1.97%	\$7,441	\$389,064	2.09%	\$8,131
1246	Taylor	\$6,641,151	12.56%	\$834,129	\$6,840,386	12.20%	\$834,527
1248	Teague	\$855,711	11.26%	\$96,353	\$881,382	11.76%	\$103,651
1252	Temple	\$28,503,722	16.73%	\$4,768,673	\$29,358,834	15.85%	\$4,653,375
1254	Tenaha	\$317,415	0.60%	\$1,904	\$326,937	0.51%	\$1,667
1256	Terrell	\$8,871,950	17.41%	\$1,544,606	\$9,138,109	17.15%	\$1,567,186
1258	Terrell Hills	\$2,421,667	12.93%	\$313,122	\$2,494,317	12.66%	\$315,781
31263	Tex Municipal League IEBP	\$9,395,687	4.04%	\$379,586	\$9,677,558	3.96%	\$383,231
21263	Tex Municipal League IRP	\$22,467,973	13.02%	\$2,925,330	\$23,142,012	9.36%	\$2,166,092
21260	Texarkana	\$8,265,595	15.70%	\$1,297,698	\$8,513,563	15.48%	\$1,317,900
11260	Texarkana Police Dept	\$5,814,309	17.38%	\$1,010,527	\$5,988,738	16.76%	\$1,003,712
31260	Texarkana Water Utilities	\$6,989,492	16.71%	\$1,167,944	\$7,199,177	15.83%	\$1,139,630
1262	Texas City	\$20,136,329	17.59%	\$3,541,980	\$20,740,419	16.67%	\$3,457,428
11263	Texas Municipal League	\$2,659,243	15.49%	\$411,917	\$2,739,020	15.63%	\$428,109
1265	Texhoma	\$17,618	0.00%	\$0	\$18,147	0.00%	\$0
1267	The Colony	\$17,553,555	12.48%	\$2,190,684	\$18,080,162	12.06%	\$2,180,468
1269	Thompsons	\$122,172	2.87%	\$3,506	\$125,837	2.84%	\$3,574
1268	Thorndale	\$324,438	6.84%	\$22,192	\$334,171	5.70%	\$19,048
1272	Thrall	\$155,593	5.87%	\$9,133	\$160,261	5.53%	\$8,862
1274	Three Rivers	\$1,941,304	5.19%	\$100,754	\$1,999,543	5.14%	\$102,777

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1276	Throckmorton	\$151,064	6.44%	\$9,729	\$155,596	6.54%	\$10,176
1277	Tiki Island	\$392,837	2.70%	\$10,607	\$404,622	2.62%	\$10,601
1278	Timpson	\$532,111	2.51%	\$13,356	\$548,074	2.22%	\$12,167
1280	Tioga	\$255,849	0.37%	\$947	\$263,524	0.50%	\$1,318
1283	Tolar	\$193,186	6.28%	\$12,132	\$198,982	6.78%	\$13,491
1286	Tom Bean	\$275,556	2.04%	\$5,621	\$283,823	2.00%	\$5,676
1284	Tomball	\$9,240,130	12.93%	\$1,194,749	\$9,517,334	13.30%	\$1,265,805
1290	Trent	\$78,086	6.57%	\$5,130	\$80,429	6.87%	\$5,525
1292	Trenton	\$160,607	3.19%	\$5,123	\$165,425	3.69%	\$6,104
1293	Trinidad	\$236,219	4.01%	\$9,472	\$243,306	3.72%	\$9,051
1294	Trinity	\$858,514	5.55%	\$47,648	\$884,269	6.05%	\$53,498
1295	Trophy Club	\$4,354,377	13.54%	\$589,583	\$4,485,008	12.63%	\$566,457
1296	Troup	\$762,097	4.08%	\$31,094	\$784,960	4.81%	\$37,757
1297	Troy	\$389,374	9.10%	\$35,433	\$401,055	9.18%	\$36,817
1298	Tulia	\$1,417,047	13.09%	\$185,491	\$1,459,558	11.62%	\$169,601
1299	Turkey	\$88,546	5.64%	\$4,994	\$91,202	5.19%	\$4,733
1301	Tye	\$411,506	6.14%	\$25,266	\$423,851	6.56%	\$27,805
1304	Tyler	\$33,030,238	21.09%	\$6,966,077	\$34,021,145	20.63%	\$7,018,562
1305	Universal City	\$6,694,767	18.58%	\$1,243,888	\$6,895,610	18.45%	\$1,272,240
1306	University Park	\$15,454,912	6.19%	\$956,659	\$15,918,559	5.55%	\$883,480
1308	Uvalde	\$5,811,018	6.41%	\$372,486	\$5,985,349	5.96%	\$356,727
1313	Valley View	\$172,123	2.34%	\$4,028	\$177,287	2.34%	\$4,149
1314	Van	\$994,894	6.68%	\$66,459	\$1,024,741	7.57%	\$77,573
1316	Van Alstyne	\$1,458,549	8.88%	\$129,519	\$1,502,305	9.52%	\$143,019
1318	Van Horn	\$1,002,047	8.58%	\$85,976	\$1,032,108	7.65%	\$78,956
1320	Vega	\$235,450	22.71%	\$53,471	\$242,514	21.27%	\$51,583
1324	Venus	\$622,813	8.99%	\$55,991	\$641,497	9.49%	\$60,878
1326	Vernon	\$4,321,851	18.40%	\$795,221	\$4,451,507	17.80%	\$792,368
1328	Victoria	\$28,038,757	17.24%	\$4,833,882	\$28,879,920	16.68%	\$4,817,171
1329	Vidor	\$3,154,299	16.48%	\$519,828	\$3,248,928	15.55%	\$505,208
1500	Village Fire Department	\$3,337,537	7.03%	\$234,629	\$3,437,663	6.70%	\$230,323
1331	Volente	\$86,991	8.60%	\$7,481	\$89,601	6.12%	\$5,484
1330	Waco	\$77,367,978	13.15%	\$10,173,889	\$79,689,017	12.96%	\$10,327,697
1332	Waelder	\$585,519	1.84%	\$10,774	\$603,085	1.85%	\$11,157
1334	Wake Village	\$1,017,523	11.72%	\$119,254	\$1,048,049	12.22%	\$128,072
1336	Waller	\$1,404,875	4.25%	\$59,707	\$1,447,021	3.92%	\$56,723
1337	Wallis	\$333,205	2.94%	\$9,796	\$343,201	2.35%	\$8,065
1338	Walnut Springs	\$87,776	2.13%	\$1,870	\$90,409	2.01%	\$1,817
1340	Waskom	\$733,939	6.04%	\$44,330	\$755,957	6.40%	\$48,381
1341	Watauga	\$8,954,822	13.35%	\$1,195,469	\$9,223,467	13.16%	\$1,213,808
1342	Waxahachie	\$12,096,463	15.77%	\$1,907,612	\$12,459,357	14.83%	\$1,847,723
1344	Weatherford	\$19,825,431	13.62%	\$2,700,224	\$20,420,194	12.85%	\$2,623,995
1345	Webster	\$9,791,686	17.00%	\$1,664,587	\$10,085,437	16.97%	\$1,711,499
1346	Weimar	\$1,185,260	17.54%	\$207,895	\$1,220,818	17.36%	\$211,934
1350	Wellington	\$433,331	3.09%	\$13,390	\$446,331	2.76%	\$12,319

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

CITY #	CITY NAME	2015 EXPECTED CONTRIBUTIONS			2016 EXPECTED CONTRIBUTIONS		
		EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS	EXPECTED COMPENSATION	TOTAL RATE*	EXPECTED CONTRIBUTIONS
1352	Wells	\$75,908	4.29%	\$3,256	\$78,185	3.73%	\$2,916
1354	Weslaco	\$8,875,626	6.43%	\$570,703	\$9,141,895	5.97%	\$545,771
1356	West	\$758,962	2.64%	\$20,037	\$781,731	2.15%	\$16,807
1358	West Columbia	\$1,331,804	2.99%	\$39,821	\$1,371,758	2.44%	\$33,471
1359	West Lake Hills	\$1,860,320	14.98%	\$278,676	\$1,916,130	15.77%	\$302,174
1361	West Orange	\$1,258,259	19.53%	\$245,738	\$1,296,007	20.22%	\$262,053
1365	West Tawakoni	\$463,047	10.80%	\$50,009	\$476,938	10.54%	\$50,269
1364	West Univ. Place	\$7,930,886	10.48%	\$831,157	\$8,168,813	11.89%	\$971,272
1363	Westlake	\$2,172,018	9.26%	\$201,129	\$2,237,179	10.37%	\$231,995
1362	Westover Hills	\$1,034,624	1.38%	\$14,278	\$1,065,663	1.25%	\$13,321
1366	Westworth Village	\$2,316,084	8.47%	\$196,172	\$2,385,567	8.97%	\$213,985
1368	Wharton	\$4,603,677	6.61%	\$304,303	\$4,741,787	6.05%	\$286,878
1370	Wheeler	\$241,570	11.16%	\$26,959	\$248,817	8.43%	\$20,975
1372	White Deer	\$217,891	6.78%	\$14,773	\$224,428	7.09%	\$15,912
1377	White Oak	\$2,038,009	14.20%	\$289,397	\$2,099,149	14.70%	\$308,575
1378	White Settlement	\$5,876,321	10.80%	\$634,643	\$6,052,611	10.52%	\$636,735
1374	Whiteface	\$133,914	2.88%	\$3,857	\$137,931	2.22%	\$3,062
1375	Whitehouse	\$1,732,914	4.99%	\$86,472	\$1,784,901	5.11%	\$91,208
1376	Whitesboro	\$1,817,584	7.35%	\$133,592	\$1,872,112	6.90%	\$129,176
1380	Whitewright	\$713,064	3.37%	\$24,030	\$734,456	4.03%	\$29,599
1382	Whitney	\$610,119	3.85%	\$23,490	\$628,423	4.08%	\$25,640
1384	Wichita Falls	\$44,111,926	12.52%	\$5,522,813	\$45,435,284	11.92%	\$5,415,886
1386	Willis	\$1,879,179	8.76%	\$164,616	\$1,935,554	9.16%	\$177,297
1387	Willow Park	\$1,500,675	7.13%	\$106,998	\$1,545,695	6.60%	\$102,016
1388	Wills Point	\$1,089,102	11.14%	\$121,326	\$1,121,775	10.92%	\$122,498
1390	Wilmer	\$1,293,206	2.33%	\$30,132	\$1,332,002	1.92%	\$25,574
1392	Wimberley	\$329,824	2.08%	\$6,860	\$339,719	2.11%	\$7,168
1393	Windcrest	\$2,714,181	6.57%	\$178,322	\$2,795,606	7.24%	\$202,402
1395	Winfield	\$267,511	1.54%	\$4,120	\$275,536	1.79%	\$4,932
1396	Wink	\$245,214	4.34%	\$10,642	\$252,570	4.84%	\$12,224
1398	Winnsboro	\$1,363,733	10.69%	\$145,783	\$1,404,645	9.88%	\$138,779
1399	Winona	\$290,524	10.82%	\$31,435	\$299,240	7.35%	\$21,994
1400	Winters	\$539,863	9.54%	\$51,503	\$556,059	9.18%	\$51,046
1403	Wolfforth	\$1,080,162	10.85%	\$117,198	\$1,112,567	11.05%	\$122,939
1409	Woodcreek	\$97,985	2.97%	\$2,910	\$100,925	2.92%	\$2,947
1404	Woodsboro	\$342,374	0.20%	\$685	\$352,645	0.00%	\$0
1406	Woodville	\$1,327,702	15.66%	\$207,918	\$1,367,533	15.62%	\$213,609
1407	Woodway	\$4,147,411	15.76%	\$653,632	\$4,271,833	15.68%	\$669,823
1408	Wortham	\$326,297	4.13%	\$13,476	\$336,086	4.62%	\$15,527
1410	Wylie	\$16,395,133	13.95%	\$2,287,121	\$16,886,987	14.45%	\$2,440,170
1412	Yoakum	\$3,495,778	15.73%	\$549,886	\$3,600,651	15.08%	\$542,978
1414	Yorktown	\$532,481	0.74%	\$3,940	\$548,455	0.70%	\$3,839
1415	Zavalla	\$161,458	2.62%	\$4,230	\$166,302	1.77%	\$2,944

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SECTION 5  
SUPPLEMENTAL DEATH RATES

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**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY	ACTIVES	ACTIVES &		CITY	ACTIVES	ACTIVES &	
<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>	<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>
4 Abernathy	0.19 %	0.29 %	3	110 Bells	0.10 %	0.13 %	3
6 Abilene	0.15 %	0.25 %	3	112 Bellville	0.16 %	0.29 %	3
7 Addison	0.14 %	0.17 %	3	114 Belton	0.12 %	0.17 %	3
10 Alamo	0.15 %	0.19 %	3	118 Benbrook	0.14 %	0.16 %	3
12 Alamo Heights	0.12 %	0.19 %	3	121 Berryville	0.45 %	0.50 %	3
14 Alba	0.18 %	0.18 %	3	123 Bertram	0.12 %	0.24 %	1
16 Albany	0.26 %	0.37 %	3	124 Big Lake	0.19 %	0.27 %	3
17 Aledo	0.15 %	0.18 %	3	126 Big Sandy	0.27 %	0.31 %	3
18 Alice	0.16 %	0.23 %	1	128 Big Spring	0.14 %	0.22 %	3
19 Allen	0.13 %	0.14 %	3	132 Bishop	0.17 %	0.29 %	3
20 Alpine	0.16 %	0.21 %	3	134 Blanco	0.26 %	0.29 %	3
22 Alto	0.08 %	0.18 %	3	140 Blooming Grove	0.10 %	0.13 %	3
23 Alton	0.10 %	0.11 %	3	142 Blossom	0.44 %	0.63 %	3
24 Alvarado	0.12 %	0.13 %	3	143 Blue Mound	0.09 %	0.11 %	3
26 Alvin	0.12 %	0.15 %	3	144 Blue Ridge	0.04 %	0.27 %	3
28 Alvord	0.10 %	0.17 %	3	148 Boerne	0.14 %	0.16 %	3
30 Amarillo	0.15 %	0.22 %	1	150 Bogata	0.26 %	0.28 %	3
32 Amherst	0.08 %	0.38 %	1	152 Bonham	0.17 %	0.21 %	1
34 Anahuac	0.23 %	0.30 %	3	154 Booker	0.15 %	0.20 %	3
36 Andrews	0.15 %	0.19 %	1	156 Borger	0.15 %	0.22 %	3
38 Angleton	0.17 %	0.22 %	3	158 Bovina	0.09 %	0.28 %	3
40 Anna	0.13 %	0.13 %	3	160 Bowie	0.11 %	0.18 %	3
41 Annetta	0.09 %	0.09 %	3	162 Boyd	0.21 %	0.24 %	1
44 Anson	0.14 %	0.25 %	3	166 Brady	0.18 %	0.26 %	3
45 Anthony	0.12 %	0.14 %	3	170 Brazoria	0.14 %	0.20 %	3
48 Aransas Pass	0.11 %	0.15 %	3	172 Breckenridge	0.16 %	0.23 %	3
50 Archer City	0.17 %	0.21 %	3	174 Bremond	0.12 %	0.28 %	3
51 Argyle	0.16 %	0.17 %	1	176 Brenham	0.15 %	0.21 %	1
52 Arlington	0.11 %	0.15 %	3	177 Bridge City	0.24 %	0.28 %	3
54 Arp	0.15 %	0.23 %	3	178 Bridgeport	0.15 %	0.18 %	3
60 Aspermont	0.12 %	0.17 %	3	180 Bronte	0.14 %	0.16 %	3
62 Athens	0.16 %	0.20 %	3	182 Brookshire	0.14 %	0.16 %	3
64 Atlanta	0.16 %	0.21 %	3	184 Brownfield	0.18 %	0.22 %	1
66 Aubrey	0.12 %	0.13 %	3	10188 Brownsville	0.13 %	0.17 %	3
74 Avinger	0.33 %	0.33 %	3	20188 Brownsville PUB	0.12 %	0.17 %	3
75 Azle	0.13 %	0.16 %	3	10190 Brownwood	0.17 %	0.24 %	1
77 Baird	0.10 %	0.13 %	3	30190 Brownwood Health Dept.	0.18 %	0.27 %	1
78 Balch Springs	0.12 %	0.15 %	3	20190 Brownwood Public Library	0.17 %	0.22 %	1
79 Balcones Heights	0.16 %	0.20 %	3	195 Bruceville-Eddy	0.12 %	0.18 %	3
80 Ballinger	0.22 %	0.27 %	3	192 Bryan	0.12 %	0.16 %	1
82 Balmorhea	0.07 %	0.07 %	3	193 Bryson	0.07 %	0.11 %	1
83 Bandera	0.26 %	0.40 %	3	194 Buda	0.13 %	0.15 %	3
84 Bangs	0.28 %	0.38 %	3	196 Buffalo	0.28 %	0.34 %	3
90 Bartlett	0.11 %	0.15 %	3	198 Bullard	0.24 %	0.25 %	3
91 Bartonville	0.08 %	0.09 %	3	203 Bulverde	0.10 %	0.11 %	3
92 Bastrop	0.14 %	0.16 %	3	199 Bunker Hill Village	0.14 %	0.19 %	3
94 Bay City	0.15 %	0.23 %	3	200 Burkburnett	0.13 %	0.21 %	3
93 Bayou Vista	0.21 %	0.23 %	3	202 Burleson	0.11 %	0.13 %	3
96 Baytown	0.12 %	0.16 %	3	204 Burnet	0.13 %	0.16 %	3
98 Beaumont	0.15 %	0.22 %	1	207 Cactus	0.09 %	0.16 %	3
100 Bedford	0.12 %	0.13 %	1	208 Caddo Mills	0.13 %	0.14 %	3
101 Bee Cave	0.13 %	0.14 %	3	210 Caldwell	0.25 %	0.37 %	3
102 Beeville	0.16 %	0.27 %	1	212 Calvert	0.23 %	0.25 %	3
106 Bellaire	0.17 %	0.23 %	3	214 Cameron	0.16 %	0.26 %	3
109 Bellmead	0.15 %	0.19 %	3	220 Canadian	0.10 %	0.13 %	3

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY	ACTIVES	ACTIVES &		CITY	ACTIVES	ACTIVES &	
<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>	<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>
222 Canton	0.22 %	0.25 %	3	312 Crane	0.12 %	0.18 %	3
224 Canyon	0.15 %	0.18 %	3	314 Crawford	0.09 %	0.09 %	1
227 Carmine	0.11 %	0.11 %	3	316 Crockett	0.23 %	0.30 %	3
228 Carrizo Springs	0.17 %	0.24 %	3	318 Crosbyton	0.17 %	0.50 %	3
230 Carrollton	0.13 %	0.17 %	1	320 Cross Plains	0.40 %	0.45 %	3
232 Carthage	0.17 %	0.25 %	3	321 Cross Roads	0.04 %	0.05 %	3
231 Castle Hills	0.13 %	0.18 %	3	323 Crowley	0.12 %	0.13 %	3
234 Castroville	0.20 %	0.31 %	3	324 Crystal City	0.14 %	0.21 %	1
238 Cedar Hill	0.13 %	0.15 %	3	326 Cuero	0.16 %	0.21 %	3
239 Cedar Park	0.10 %	0.11 %	3	328 Cumby	0.14 %	0.15 %	3
240 Celeste	0.07 %	0.12 %	3	332 Daingerfield	0.17 %	0.19 %	1
242 Celina	0.13 %	0.13 %	3	334 Daisetta	0.26 %	0.29 %	3
244 Center	0.12 %	0.18 %	3	336 Dalhart	0.15 %	0.21 %	3
246 Centerville	0.20 %	0.20 %	1	339 Dalworthington Gardens	0.14 %	0.16 %	3
247 Chandler	0.23 %	0.24 %	3	340 Danbury	0.12 %	0.13 %	3
248 Charlotte	0.12 %	0.13 %	3	341 Darrouzett	0.04 %	0.04 %	3
249 Chester	0.81 %	0.81 %	3	344 Dayton	0.16 %	0.20 %	3
245 Chico	0.27 %	0.39 %	3	352 De Leon	0.09 %	0.17 %	3
250 Childress	0.16 %	0.23 %	3	10366 DeSoto	0.12 %	0.15 %	3
253 Chireno	0.10 %	0.20 %	3	346 Decatur	0.16 %	0.19 %	3
254 Christine	0.02 %	0.98 %	1	348 Deer Park	0.13 %	0.17 %	3
255 Cibolo	0.12 %	0.13 %	3	350 Dekalb	0.17 %	0.23 %	3
256 Cisco	0.20 %	0.28 %	2	354 Del Rio	0.16 %	0.18 %	3
258 Clarendon	0.26 %	0.30 %	3	353 Dell City	0.08 %	0.16 %	3
259 Clarksville	0.18 %	0.23 %	3	356 Denison	0.16 %	0.22 %	1
260 Clarksville City	0.26 %	0.34 %	3	358 Denton	0.16 %	0.18 %	3
263 Clear Lake Shores	0.15 %	0.16 %	3	360 Denver City	0.16 %	0.24 %	3
264 Cleburne	0.14 %	0.20 %	3	362 Deport	0.14 %	0.18 %	3
266 Cleveland	0.15 %	0.27 %	3	370 Devine	0.18 %	0.20 %	3
268 Clifton	0.17 %	0.28 %	3	371 Diboll	0.16 %	0.22 %	3
271 Clute	0.15 %	0.19 %	3	372 Dickens	0.07 %	0.07 %	3
272 Clyde	0.12 %	0.19 %	3	373 Dickinson	0.16 %	0.18 %	3
274 Coahoma	0.13 %	0.29 %	3	374 Dilley	0.19 %	0.22 %	3
276 Cockrell Hill	0.11 %	0.14 %	3	376 Dimmitt	0.24 %	0.28 %	1
278 Coleman	0.21 %	0.33 %	1	382 Donna	0.13 %	0.17 %	3
280 College Station	0.11 %	0.13 %	1	379 Double Oak	0.22 %	0.25 %	3
281 Colleyville	0.13 %	0.15 %	3	383 Dripping Springs	0.15 %	0.15 %	3
282 Collinsville	0.18 %	0.23 %	3	385 Driscoll	0.06 %	0.12 %	3
283 Colmesneil	0.08 %	0.08 %	3	384 Dublin	0.17 %	0.20 %	3
284 Colorado City	0.20 %	0.30 %	3	386 Dumas	0.12 %	0.18 %	3
286 Columbus	0.13 %	0.19 %	3	388 Duncanville	0.12 %	0.16 %	1
288 Comanche	0.18 %	0.30 %	3	394 Eagle Lake	0.18 %	0.22 %	3
290 Commerce	0.16 %	0.24 %	3	396 Eagle Pass	0.15 %	0.22 %	3
294 Conroe	0.13 %	0.15 %	1	397 Early	0.11 %	0.16 %	3
295 Converse	0.11 %	0.13 %	3	399 Earth	0.12 %	0.19 %	3
298 Cooper	0.29 %	0.31 %	3	401 East Mountain	0.07 %	0.09 %	3
299 Coppell	0.13 %	0.14 %	3	395 East Tawakoni	0.31 %	0.36 %	3
297 Copper Canyon	0.55 %	0.55 %	3	398 Eastland	0.24 %	0.30 %	3
300 Copperas Cove	0.13 %	0.21 %	3	402 Ector	0.35 %	0.41 %	3
301 Corinth	0.10 %	0.12 %	3	406 Eden	0.18 %	0.29 %	3
302 Corpus Christi	0.15 %	0.25 %	1	408 Edgewood	0.20 %	0.27 %	3
304 Corrigan	0.14 %	0.22 %	3	410 Edinburg	0.11 %	0.14 %	3
306 Corsicana	0.15 %	0.24 %	3	412 Edna	0.15 %	0.20 %	3
308 Cotulla	0.20 %	0.24 %	3	414 El Campo	0.14 %	0.19 %	3
310 Crandall	0.12 %	0.16 %	3	416 Eldorado	0.08 %	0.21 %	3



**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY	ACTIVES	ACTIVES &		CITY	ACTIVES	ACTIVES &	
<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>	<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>
418 Electra	0.17 %	0.24 %	3	518 Godley	0.09 %	0.18 %	3
420 Elgin	0.25 %	0.28 %	3	519 Goldsmith	0.35 %	0.35 %	3
422 Elkhart	0.30 %	0.33 %	1	520 Goldthwaite	0.27 %	0.29 %	3
427 Elmendorf	0.07 %	0.10 %	3	522 Goliad	0.14 %	0.25 %	3
432 Emory	0.28 %	0.30 %	3	524 Gonzales	0.14 %	0.20 %	3
436 Ennis	0.14 %	0.20 %	3	532 Graford	0.20 %	0.20 %	3
439 Eules	0.13 %	0.16 %	1	10534 Graham	0.20 %	0.33 %	3
440 Eustace	0.15 %	0.21 %	3	536 Granbury	0.18 %	0.22 %	3
441 Everman	0.19 %	0.22 %	3	540 Grand Prairie	0.14 %	0.18 %	3
443 Fair Oaks Ranch	0.13 %	0.14 %	3	542 Grand Saline	0.28 %	0.38 %	3
442 Fairfield	0.15 %	0.20 %	3	544 Grandview	0.12 %	0.19 %	1
445 Fairview	0.14 %	0.15 %	3	546 Granger	0.36 %	0.45 %	1
20444 Falfurrias	0.22 %	0.26 %	3	547 Granite Shoals	0.16 %	0.20 %	3
446 Falls City	0.18 %	0.31 %	3	548 Grapeland	0.25 %	0.38 %	1
448 Farmers Branch	0.13 %	0.18 %	2	550 Grapevine	0.17 %	0.20 %	1
450 Farmersville	0.15 %	0.20 %	3	552 Greenville	0.17 %	0.22 %	3
451 Farwell	0.12 %	0.13 %	3	551 Gregory	0.13 %	0.17 %	3
452 Fate	0.09 %	0.10 %	3	553 Grey Forest	0.19 %	0.22 %	3
454 Fayetteville	0.14 %	0.28 %	1	556 Groesbeck	0.23 %	0.25 %	3
456 Ferris	0.13 %	0.18 %	3	558 Groom	0.15 %	0.24 %	1
458 Flatonia	0.15 %	0.18 %	3	559 Groves	0.14 %	0.22 %	1
460 Florence	0.09 %	0.12 %	3	560 Groveton	0.16 %	0.18 %	3
20462 Floresville	0.16 %	0.20 %	1	562 Gruver	0.13 %	0.20 %	1
463 Flower Mound	0.12 %	0.13 %	3	563 Gun Barrel City	0.16 %	0.19 %	3
464 Floydada	0.17 %	0.29 %	3	564 Gunter	0.11 %	0.13 %	3
468 Forest Hill	0.08 %	0.11 %	3	568 Hale Center	0.16 %	0.17 %	3
470 Forney	0.10 %	0.11 %	3	570 Hallettsville	0.21 %	0.28 %	3
472 Fort Stockton	0.16 %	0.27 %	3	572 Hallsville	0.12 %	0.16 %	3
476 Franklin	0.20 %	0.21 %	1	574 Haltom City	0.15 %	0.19 %	3
478 Frankston	0.22 %	0.28 %	3	576 Hamilton	0.26 %	0.33 %	3
480 Fredericksburg	0.18 %	0.23 %	3	578 Hamlin	0.12 %	0.41 %	3
482 Freeport	0.09 %	0.15 %	3	580 Happy	0.13 %	0.36 %	3
481 Freer	0.26 %	0.31 %	3	581 Harker Heights	0.13 %	0.15 %	3
483 Friendswood	0.17 %	0.21 %	3	10582 Harlingen	0.16 %	0.29 %	3
484 Friona	0.13 %	0.18 %	3	20582 Harlingen Waterworks Sys	0.17 %	0.26 %	3
486 Frisco	0.12 %	0.13 %	3	583 Hart	0.06 %	0.10 %	1
487 Fritch	0.22 %	0.25 %	3	586 Haskell	0.10 %	0.18 %	3
488 Frost	0.32 %	0.39 %	1	587 Haslet	0.15 %	0.17 %	3
491 Fulshear	0.12 %	0.12 %	3	588 Hawkins	0.23 %	0.26 %	3
493 Fulton	0.37 %	0.40 %	3	585 Hays	0.56 %	0.87 %	3
492 Gainesville	0.14 %	0.21 %	3	590 Hearne	0.11 %	0.18 %	3
494 Galena Park	0.13 %	0.27 %	3	591 Heath	0.15 %	0.16 %	3
498 Ganado	0.21 %	0.36 %	3	592 Hedley	0.33 %	0.54 %	3
499 Garden Ridge	0.13 %	0.15 %	3	595 Hedwig Village	0.18 %	0.20 %	3
500 Garland	0.16 %	0.20 %	3	593 Helotes	0.11 %	0.12 %	3
502 Garrison	0.13 %	0.36 %	3	594 Hemphill	0.29 %	0.32 %	3
503 Gary	0.13 %	0.17 %	1	596 Hempstead	0.19 %	0.24 %	3
504 Gatesville	0.24 %	0.30 %	3	598 Henderson	0.12 %	0.18 %	3
505 George West	0.13 %	0.13 %	3	600 Henrietta	0.19 %	0.22 %	3
506 Georgetown	0.12 %	0.14 %	3	602 Hereford	0.14 %	0.20 %	3
510 Giddings	0.17 %	0.22 %	3	605 Hewitt	0.11 %	0.13 %	3
512 Gilmer	0.18 %	0.24 %	3	609 Hickory Creek	0.08 %	0.10 %	3
514 Gladewater	0.15 %	0.20 %	3	606 Hico	0.25 %	0.33 %	3
516 Glen Rose	0.19 %	0.32 %	3	607 Hidalgo	0.15 %	0.17 %	1
517 Glenn Heights	0.14 %	0.16 %	3	608 Higgins	0.36 %	0.36 %	3

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY	ACTIVES	ACTIVES &		CITY	ACTIVES	ACTIVES &	
<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>	<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>
610 Highland Park	0.14 %	0.17 %	1	685 Kemah	0.11 %	0.13 %	3
611 Highland Village	0.14 %	0.16 %	3	684 Kemp	0.11 %	0.22 %	1
613 Hill Country Village	0.11 %	0.13 %	3	686 Kenedy	0.17 %	0.19 %	3
612 Hillsboro	0.14 %	0.17 %	1	688 Kennedale	0.13 %	0.16 %	3
619 Hilshire Village	0.35 %	0.35 %	3	692 Kermit	0.16 %	0.23 %	3
614 Hitchcock	0.19 %	0.20 %	3	10694 Kerrville	0.13 %	0.18 %	3
615 Holland	0.29 %	0.35 %	3	20694 Kerrville PUB	0.19 %	0.22 %	3
616 Holliday	0.14 %	0.14 %	1	10696 Kilgore	0.16 %	0.22 %	3
617 Hollywood Park	0.11 %	0.14 %	3	698 Killeen	0.12 %	0.15 %	3
618 Hondo	0.15 %	0.18 %	3	700 Kingsville	0.14 %	0.19 %	1
620 Honey Grove	0.20 %	0.28 %	3	701 Kirby	0.11 %	0.12 %	3
622 Hooks	0.11 %	0.18 %	3	702 Kirbyville	0.17 %	0.33 %	3
626 Howe	0.17 %	0.27 %	3	704 Knox City	0.27 %	0.31 %	3
627 Hubbard	0.20 %	0.20 %	3	708 Kountze	0.13 %	0.16 %	3
628 Hudson	0.15 %	0.16 %	3	709 Kress	0.49 %	1.22 %	1
629 Hudson Oaks	0.07 %	0.09 %	3	699 Krugerville	0.10 %	0.10 %	3
630 Hughes Springs	0.23 %	0.23 %	3	707 Krum	0.13 %	0.13 %	3
632 Humble	0.14 %	0.17 %	3	710 Kyle	0.13 %	0.14 %	3
633 Hunters Creek Village	0.19 %	0.54 %	3	725 La Coste	0.25 %	0.25 %	1
634 Huntington	0.09 %	0.17 %	3	714 La Feria	0.17 %	0.24 %	3
636 Huntsville	0.14 %	0.18 %	3	716 La Grange	0.21 %	0.26 %	3
637 Hurst	0.14 %	0.18 %	1	723 La Grulla	0.12 %	0.22 %	3
638 Hutchins	0.12 %	0.13 %	3	732 La Joya	0.16 %	0.18 %	3
640 Hutto	0.10 %	0.11 %	3	721 La Marque	0.10 %	0.16 %	3
641 Huxley	0.12 %	0.21 %	3	728 La Porte	0.13 %	0.16 %	3
642 Idalou	0.10 %	0.10 %	3	731 La Vernia	0.10 %	0.12 %	3
643 Ingleside	0.27 %	0.31 %	3	711 Lacy-Lakeview	0.15 %	0.18 %	3
646 Ingram	0.21 %	0.26 %	1	712 Ladonia	0.03 %	0.16 %	3
647 Iowa Colony	0.26 %	0.26 %	3	713 Lago Vista	0.19 %	0.21 %	3
644 Iowa Park	0.17 %	0.22 %	3	705 Laguna Vista	0.12 %	0.12 %	3
645 Iraan	0.26 %	0.39 %	3	717 Lake Dallas	0.18 %	0.24 %	3
648 Irving	0.14 %	0.18 %	3	718 Lake Jackson	0.15 %	0.21 %	3
650 Italy	0.07 %	0.08 %	3	719 Lake Worth	0.13 %	0.17 %	3
652 Itasca	0.15 %	0.21 %	3	727 Lakeport	0.13 %	0.15 %	3
654 Jacinto City	0.20 %	0.24 %	3	715 Lakeside	0.23 %	0.27 %	3
656 Jacksboro	0.17 %	0.22 %	3	729 Lakeside City	0.11 %	0.20 %	3
658 Jacksonville	0.15 %	0.20 %	3	720 Lakeway	0.13 %	0.15 %	3
660 Jasper	0.16 %	0.23 %	3	722 Lamesa	0.16 %	0.25 %	1
664 Jefferson	0.27 %	0.32 %	3	724 Lampasas	0.13 %	0.18 %	3
665 Jersey Village	0.12 %	0.15 %	3	726 Lancaster	0.11 %	0.14 %	3
666 Jewett	0.25 %	0.26 %	3	730 Laredo	0.15 %	0.19 %	3
668 Joaquin	0.31 %	0.39 %	3	733 Lavon	0.16 %	0.16 %	3
670 Johnson City	0.13 %	0.14 %	3	736 League City	0.13 %	0.15 %	3
673 Jones Creek	0.33 %	0.38 %	3	737 Leander	0.12 %	0.13 %	3
675 Jonestown	0.21 %	0.24 %	3	735 Lefors	0.05 %	0.05 %	3
677 Josephine	0.12 %	0.12 %	3	739 Leon Valley	0.14 %	0.19 %	3
671 Joshua	0.12 %	0.12 %	3	738 Leonard	0.20 %	0.25 %	3
672 Jourdanton	0.20 %	0.26 %	3	740 Levelland	0.16 %	0.19 %	3
674 Junction	0.17 %	0.25 %	3	742 Lewisville	0.12 %	0.15 %	1
676 Justin	0.08 %	0.10 %	1	744 Lexington	0.14 %	0.25 %	1
678 Karnes City	0.15 %	0.21 %	3	746 Liberty	0.16 %	0.18 %	1
680 Katy	0.15 %	0.18 %	3	745 Liberty Hill	0.22 %	0.22 %	3
682 Kaufman	0.18 %	0.21 %	3	748 Lindale	0.14 %	0.16 %	1
683 Keene	0.13 %	0.17 %	3	750 Linden	0.32 %	0.38 %	3
681 Keller	0.13 %	0.14 %	3	755 Lipan	0.23 %	0.23 %	3

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY	ACTIVES	ACTIVES &		CITY	ACTIVES	ACTIVES &	
<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>	<u>NO.</u> <u>CITY NAME</u>	<u>ONLY</u>	<u>RETIREEES</u>	<u>CODE*</u>
751 Little Elm	0.12 %	0.13 %	3	848 Merkel	0.09 %	0.12 %	3
752 Littlefield	0.14 %	0.22 %	3	852 Mertzon	0.24 %	0.28 %	3
753 Live Oak	0.13 %	0.15 %	3	854 Mesquite	0.13 %	0.17 %	1
757 Liverpool	0.18 %	0.18 %	3	856 Mexia	0.17 %	0.22 %	3
754 Livingston	0.20 %	0.26 %	3	860 Midland	0.14 %	0.21 %	3
756 Llano	0.19 %	0.34 %	3	862 Midlothian	0.13 %	0.15 %	3
758 Lockhart	0.18 %	0.23 %	3	863 Milano	0.29 %	0.29 %	3
760 Lockney	0.25 %	0.67 %	3	864 Miles	0.07 %	0.07 %	3
765 Lone Star	0.14 %	0.18 %	3	865 Milford	0.48 %	0.52 %	3
766 Longview	0.14 %	0.20 %	3	868 Mineola	0.16 %	0.23 %	3
768 Loraine	0.04 %	0.05 %	3	870 Mineral Wells	0.18 %	0.25 %	3
769 Lorena	0.22 %	0.25 %	3	874 Mission	0.12 %	0.14 %	3
770 Lorenzo	0.14 %	0.15 %	1	875 Missouri City	0.10 %	0.12 %	3
771 Los Fresnos	0.14 %	0.17 %	3	876 Monahans	0.18 %	0.25 %	3
773 Lott	0.24 %	0.24 %	3	887 Mont Belvieu	0.15 %	0.16 %	3
774 Lovelady	0.13 %	0.17 %	3	877 Montgomery	0.09 %	0.13 %	1
778 Lubbock	0.14 %	0.21 %	1	878 Moody	0.21 %	0.24 %	3
779 Lucas	0.16 %	0.16 %	3	883 Morgan's Point	0.34 %	0.40 %	2
782 Lufkin	0.15 %	0.21 %	3	882 Morgan's Point Resort	0.20 %	0.25 %	3
784 Luling	0.18 %	0.29 %	3	884 Morton	0.14 %	0.17 %	3
785 Lumberton	0.15 %	0.19 %	3	886 Moulton	0.12 %	0.16 %	3
786 Lyford	0.17 %	0.17 %	1	890 Mount Enterprise	0.34 %	0.34 %	3
787 Lytle	0.14 %	0.15 %	3	892 Mt. Pleasant	0.13 %	0.18 %	3
790 Madisonville	0.30 %	0.38 %	3	894 Mt. Vernon	0.12 %	0.24 %	3
791 Magnolia	0.26 %	0.30 %	3	896 Muenster	0.23 %	0.38 %	1
792 Malakoff	0.18 %	0.22 %	3	898 Muleshoe	0.17 %	0.21 %	3
796 Manor	0.11 %	0.11 %	3	901 Munday	0.24 %	0.26 %	3
798 Mansfield	0.13 %	0.14 %	3	903 Murphy	0.12 %	0.13 %	3
799 Manvel	0.12 %	0.14 %	3	10904 Nacogdoches	0.13 %	0.18 %	3
800 Marble Falls	0.14 %	0.18 %	3	906 Naples	0.34 %	0.42 %	3
802 Marfa	0.25 %	0.40 %	3	907 Nash	0.10 %	0.18 %	3
804 Marion	0.39 %	0.42 %	3	905 Nassau Bay	0.11 %	0.13 %	3
806 Marlin	0.15 %	0.31 %	3	909 Natalia	0.15 %	0.17 %	3
810 Marshall	0.18 %	0.26 %	3	908 Navasota	0.15 %	0.19 %	3
812 Mart	0.15 %	0.25 %	3	910 Nederland	0.14 %	0.19 %	1
813 Martindale	0.16 %	0.16 %	3	912 Needville	0.27 %	0.38 %	3
814 Mason	0.16 %	0.23 %	3	914 New Boston	0.16 %	0.22 %	3
816 Matador	0.34 %	0.36 %	3	10916 New Braunfels	0.10 %	0.13 %	3
818 Mathis	0.12 %	0.19 %	3	20916 New Braunfels Utilities	0.15 %	0.18 %	3
820 Maud	0.10 %	0.12 %	3	915 New Deal	0.17 %	0.18 %	1
822 Maypearl	0.18 %	0.21 %	3	923 New Fairview	0.02 %	0.11 %	3
824 McAllen	0.12 %	0.16 %	1	918 New London	0.24 %	0.26 %	1
826 McCamey	0.12 %	0.23 %	3	919 New Summerfield	0.09 %	0.09 %	1
828 McGregor	0.18 %	0.25 %	3	917 New Waverly	0.21 %	0.25 %	3
830 McKinney	0.12 %	0.13 %	3	913 Newark	0.11 %	0.11 %	3
832 McLean	0.22 %	0.24 %	3	920 Newton	0.13 %	0.23 %	3
833 McLendon-Chisholm	0.81 %	0.81 %	3	922 Nixon	0.15 %	0.22 %	3
831 Meadowlakes	0.15 %	0.15 %	3	924 Nocona	0.17 %	0.21 %	3
835 Meadows Place	0.16 %	0.19 %	3	925 Nolanville	0.14 %	0.14 %	3
837 Melissa	0.13 %	0.16 %	3	928 Normangee	0.11 %	0.14 %	3
1501 Memorial Villages PD	0.11 %	0.16 %	3	931 North Richland Hills	0.12 %	0.15 %	1
840 Memphis	0.20 %	0.26 %	3	930 Northlake	0.09 %	0.11 %	3
842 Menard	0.21 %	0.28 %	1	935 O'Donnell	0.20 %	0.25 %	3
844 Mercedes	0.15 %	0.19 %	3	936 Oak Point	0.13 %	0.13 %	3
846 Meridian	0.10 %	0.11 %	3	937 Oak Ridge North	0.14 %	0.16 %	3

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>	CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>
942 Odem	0.28 %	0.36 %	3	1029 Presidio	0.15 %	0.17 %	3
944 Odessa	0.13 %	0.18 %	3	1033 Primera	0.16 %	0.17 %	3
945 Oglesby	0.02 %	0.53 %	3	1034 Princeton	0.11 %	0.13 %	3
949 Old River-Winfree	0.14 %	0.14 %	1	1036 Prosper	0.11 %	0.11 %	1
950 Olmos Park	0.11 %	0.14 %	1	1042 Quanah	0.21 %	0.33 %	3
951 Olney	0.14 %	0.15 %	3	1045 Queen City	0.21 %	0.21 %	3
953 Omaha	0.21 %	0.26 %	3	1044 Quinlan	0.09 %	0.11 %	3
954 Onalaska	0.08 %	0.12 %	3	1047 Quintana	0.09 %	0.09 %	3
958 Orange	0.15 %	0.21 %	1	1046 Quitaque	0.28 %	0.32 %	3
960 Orange Grove	0.11 %	0.15 %	3	1048 Quitman	0.13 %	0.19 %	3
959 Ore City	0.19 %	0.19 %	3	1050 Ralls	0.21 %	0.38 %	3
962 Overton	0.22 %	0.27 %	3	1051 Rancho Viejo	0.07 %	0.08 %	3
961 Ovilla	0.14 %	0.17 %	3	1052 Ranger	0.15 %	0.24 %	1
963 Oyster Creek	0.16 %	0.21 %	3	1054 Rankin	0.22 %	0.27 %	3
964 Paducah	0.20 %	0.35 %	3	1055 Ransom Canyon	0.19 %	0.20 %	3
966 Palacios	0.18 %	0.23 %	3	1058 Raymondville	0.11 %	0.28 %	3
968 Palestine	0.12 %	0.20 %	3	1061 Red Oak	0.12 %	0.13 %	3
970 Palmer	0.16 %	0.16 %	3	1062 Redwater	0.21 %	0.21 %	3
969 Palmhurst	0.07 %	0.08 %	3	1064 Refugio	0.12 %	0.23 %	1
971 Palmview	0.07 %	0.07 %	3	1065 Reklaw	0.22 %	0.40 %	3
972 Pampa	0.15 %	0.26 %	3	1066 Reno (Lamar County)	0.09 %	0.09 %	3
974 Panhandle	0.15 %	0.21 %	1	1069 Reno (Parker County)	0.25 %	0.26 %	3
973 Panorama Village	0.36 %	0.43 %	3	1067 Rhome	0.11 %	0.14 %	3
975 Pantego	0.08 %	0.13 %	3	1068 Rice	0.09 %	0.11 %	3
976 Paris	0.14 %	0.23 %	3	1070 Richardson	0.14 %	0.18 %	1
977 Parker	0.19 %	0.20 %	3	1073 Richland Hills	0.21 %	0.26 %	3
978 Pasadena	0.16 %	0.23 %	3	1074 Richland Springs	1.05 %	1.87 %	3
983 Pearland	0.11 %	0.12 %	3	1076 Richmond	0.13 %	0.15 %	3
984 Pearsall	0.16 %	0.22 %	3	1077 Richwood	0.17 %	0.20 %	3
988 Pecos City	0.18 %	0.25 %	3	1072 Riesel	0.28 %	0.30 %	3
994 Perryton	0.15 %	0.20 %	3	1075 Rio Grande City	0.12 %	0.12 %	3
1000 Pflugerville	0.13 %	0.14 %	3	1079 Rio Vista	0.14 %	0.24 %	3
1002 Pharr	0.10 %	0.13 %	3	1080 Rising Star	0.36 %	0.39 %	3
1004 Pilot Point	0.11 %	0.15 %	3	1082 River Oaks	0.17 %	0.30 %	3
1005 Pinehurst	0.23 %	0.32 %	3	1084 Roanoke	0.12 %	0.13 %	1
1003 Pineland	0.23 %	0.31 %	3	1088 Robert Lee	0.12 %	0.22 %	3
1001 Piney Point Village	0.36 %	0.46 %	3	1089 Robinson	0.14 %	0.16 %	3
1006 Pittsburg	0.13 %	0.22 %	3	21090 Robstown	0.11 %	0.14 %	3
1007 Plains	0.13 %	0.14 %	3	11090 Robstown Utility Systems	0.19 %	0.24 %	3
1008 Plainview	0.15 %	0.25 %	1	1092 Roby	0.07 %	0.38 %	3
1010 Plano	0.14 %	0.16 %	1	1096 Rockdale	0.21 %	0.27 %	3
1012 Pleasanton	0.15 %	0.17 %	3	1098 Rockport	0.18 %	0.23 %	3
1013 Point	0.10 %	0.13 %	1	1100 Rocksprings	0.12 %	0.14 %	1
1017 Ponder	0.27 %	0.32 %	3	1102 Rockwall	0.12 %	0.14 %	3
1014 Port Aransas	0.20 %	0.24 %	3	1104 Rogers	0.10 %	0.25 %	1
11016 Port Arthur	0.17 %	0.25 %	3	1105 Rollingwood	0.16 %	0.20 %	3
1018 Port Isabel	0.15 %	0.18 %	3	1106 Roma	0.15 %	0.22 %	3
1020 Port Lavaca	0.16 %	0.25 %	3	1109 Roscoe	0.29 %	0.33 %	3
1022 Port Neches	0.14 %	0.18 %	1	1112 Rosebud	0.14 %	0.21 %	3
1019 Portland	0.13 %	0.17 %	3	1114 Rosenberg	0.11 %	0.14 %	3
1024 Post	0.29 %	0.48 %	3	1116 Rotan	0.17 %	0.30 %	3
1026 Poteet	0.23 %	0.25 %	3	1118 Round Rock	0.11 %	0.13 %	3
1028 Poth	0.26 %	0.33 %	3	1119 Rowlett	0.12 %	0.14 %	1
1030 Pottsboro	0.11 %	0.15 %	3	1120 Royse City	0.14 %	0.16 %	3
1032 Premont	0.15 %	0.25 %	3	1122 Rule	0.14 %	0.17 %	3

\*Codes indicating provision adopted as of April 1, 2015: 1 = None, 2 = Actives only, 3 = Actives and Retirees

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>	CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>
1123 Runaway Bay	0.31 %	0.33 %	3	1199 South Padre Island	0.14 %	0.17 %	3
1124 Runge	0.49 %	0.53 %	3	1197 Southlake	0.11 %	0.12 %	3
1126 Rusk	0.11 %	0.14 %	3	1202 Southside Place	0.11 %	0.19 %	3
1128 Sabinal	0.28 %	0.34 %	3	1204 Spearman	0.16 %	0.22 %	3
1129 Sachse	0.13 %	0.15 %	3	1205 Spring Valley Village	0.19 %	0.22 %	3
1131 Saginaw	0.13 %	0.15 %	3	1203 Springtown	0.15 %	0.17 %	3
1130 Saint Jo	0.06 %	0.23 %	3	1206 Spur	0.18 %	0.18 %	3
1133 Salado	0.18 %	0.20 %	3	1207 Stafford	0.16 %	0.20 %	3
1132 San Angelo	0.14 %	0.23 %	1	1208 Stamford	0.21 %	0.38 %	3
21136 San Antonio	0.15 %	0.22 %	1	1210 Stanton	0.21 %	0.25 %	3
11136 San Antonio Water System	0.17 %	0.22 %	1	1211 Star Harbor	0.15 %	0.31 %	3
1138 San Augustine	0.15 %	0.22 %	3	1212 Stephenville	0.15 %	0.20 %	3
1140 San Benito	0.14 %	0.19 %	3	1213 Sterling City	0.20 %	0.37 %	1
1144 San Felipe	0.15 %	0.15 %	3	1214 Stinnett	0.18 %	0.25 %	3
1148 San Juan	0.11 %	0.14 %	3	1216 Stockdale	0.50 %	0.50 %	3
1150 San Marcos	0.13 %	0.16 %	3	1218 Stratford	0.18 %	0.20 %	3
1152 San Saba	0.17 %	0.21 %	3	1224 Sudan	0.10 %	0.25 %	1
1146 Sanger	0.12 %	0.13 %	3	1225 Sugar Land	0.13 %	0.14 %	3
1153 Sansom Park	0.10 %	0.13 %	3	1226 Sulphur Springs	0.15 %	0.20 %	3
1155 Santa Fe	0.16 %	0.19 %	1	1228 Sundown	0.18 %	0.25 %	3
1158 Savoy	0.17 %	0.21 %	3	1229 Sunnyvale	0.12 %	0.16 %	3
1159 Schertz	0.12 %	0.12 %	3	1230 Sunray	0.10 %	0.29 %	3
1160 Schulenburg	0.16 %	0.23 %	3	1227 Sunrise Beach Village	0.11 %	0.15 %	3
1161 Seabrook	0.15 %	0.17 %	3	1231 Sunset Valley	0.09 %	0.11 %	3
1162 Seadrift	0.15 %	0.16 %	3	1233 Surfside Beach	0.18 %	0.19 %	3
1164 Seagoville	0.14 %	0.17 %	3	1232 Sweeny	0.12 %	0.29 %	3
1166 Seagraves	0.19 %	0.36 %	3	1234 Sweetwater	0.19 %	0.27 %	3
1167 Sealy	0.17 %	0.19 %	3	1264 TMRS	0.14 %	0.16 %	3
1168 Seguin	0.13 %	0.19 %	3	1236 Taft	0.22 %	0.28 %	3
1169 Selma	0.13 %	0.13 %	3	1238 Tahoka	0.18 %	0.24 %	3
1170 Seminole	0.14 %	0.24 %	3	1241 Tatum	0.21 %	0.26 %	3
1171 Seven Points	0.10 %	0.16 %	3	1246 Taylor	0.15 %	0.23 %	3
1172 Seymour	0.18 %	0.35 %	3	1248 Teague	0.22 %	0.42 %	3
1165 Shady Shores	0.06 %	0.06 %	3	1252 Temple	0.13 %	0.20 %	3
1177 Shallowater	0.17 %	0.19 %	3	1254 Tenaha	0.07 %	0.10 %	3
1174 Shamrock	0.27 %	0.48 %	3	1256 Terrell	0.15 %	0.20 %	3
1173 Shavano Park	0.11 %	0.13 %	3	1258 Terrell Hills	0.12 %	0.14 %	3
1175 Shenandoah	0.13 %	0.14 %	3	31263 Tex Municipal League IEBP	0.21 %	0.22 %	3
1181 Shepherd	0.17 %	0.17 %	3	21263 Tex Municipal League IRP	0.19 %	0.20 %	3
1176 Sherman	0.13 %	0.20 %	3	21260 Texarkana	0.18 %	0.28 %	1
1178 Shiner	0.20 %	0.32 %	3	11260 Texarkana Police Dept	0.11 %	0.15 %	1
1179 Shoreacres	0.15 %	0.18 %	3	31260 Texarkana Water Utilities	0.16 %	0.22 %	1
1180 Silsbee	0.12 %	0.20 %	1	1262 Texas City	0.14 %	0.23 %	1
1182 Silverton	0.20 %	0.29 %	3	11263 Texas Municipal League	0.12 %	0.17 %	3
1184 Sinton	0.14 %	0.21 %	3	1265 Texhoma	0.29 %	0.63 %	3
1185 Skellytown	0.11 %	0.16 %	3	1267 The Colony	0.13 %	0.16 %	3
1186 Slaton	0.17 %	0.32 %	3	1269 Thompsons	0.18 %	0.23 %	3
1188 Smithville	0.18 %	0.23 %	3	1268 Thorndale	0.25 %	0.27 %	3
1189 Smyer	0.15 %	0.15 %	3	1272 Thrall	0.32 %	0.32 %	3
1190 Snyder	0.18 %	0.23 %	3	1274 Three Rivers	0.21 %	0.24 %	3
1191 Somerset	0.12 %	0.34 %	3	1276 Throckmorton	0.08 %	0.16 %	3
1192 Somerville	0.20 %	0.26 %	3	1277 Tiki Island	0.34 %	0.34 %	3
1194 Sonora	0.15 %	0.23 %	3	1278 Timpson	0.10 %	0.13 %	3
1196 Sour Lake	0.29 %	0.29 %	3	1280 Tioga	0.13 %	0.14 %	3
1198 South Houston	0.17 %	0.23 %	3	1283 Tolar	0.17 %	0.17 %	3

**Section 5**  
**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**CITY CONTRIBUTION RATES FOR 2016**  
**SUPPLEMENTAL DEATH BENEFITS**

CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>	CITY <u>NO.</u> <u>CITY NAME</u>	ACTIVES <u>ONLY</u>	ACTIVES & <u>RETIREEES</u>	<u>CODE*</u>
1286 Tom Bean	0.20 %	0.21 %	3	1354 Weslaco	0.10 %	0.17 %	3
1284 Tomball	0.15 %	0.19 %	3	1356 West	0.16 %	0.26 %	3
1290 Trent	0.30 %	0.46 %	3	1358 West Columbia	0.17 %	0.29 %	1
1292 Trenton	0.20 %	0.30 %	3	1359 West Lake Hills	0.18 %	0.28 %	3
1293 Trinidad	0.27 %	0.36 %	3	1361 West Orange	0.19 %	0.26 %	1
1294 Trinity	0.21 %	0.25 %	3	1365 West Tawakoni	0.20 %	0.30 %	3
1295 Trophy Club	0.11 %	0.12 %	3	1364 West Univ. Place	0.13 %	0.18 %	3
1296 Troup	0.16 %	0.23 %	3	1363 Westlake	0.15 %	0.15 %	3
1297 Troy	0.29 %	0.41 %	3	1362 Westover Hills	0.13 %	0.26 %	3
1298 Tulia	0.17 %	0.26 %	3	1366 Westworth Village	0.15 %	0.18 %	3
1299 Turkey	0.12 %	0.28 %	3	1368 Wharton	0.17 %	0.20 %	3
1301 Tye	0.15 %	0.18 %	3	1370 Wheeler	0.23 %	0.25 %	3
1304 Tyler	0.14 %	0.22 %	3	1372 White Deer	0.27 %	0.46 %	3
1305 Universal City	0.17 %	0.19 %	3	1377 White Oak	0.13 %	0.18 %	3
1306 University Park	0.18 %	0.23 %	1	1378 White Settlement	0.20 %	0.23 %	3
1308 Uvalde	0.11 %	0.18 %	3	1374 Whiteface	0.17 %	0.37 %	3
1313 Valley View	0.13 %	0.13 %	3	1375 Whitehouse	0.13 %	0.16 %	3
1314 Van	0.18 %	0.22 %	3	1376 Whitesboro	0.16 %	0.21 %	3
1316 Van Alstyne	0.08 %	0.11 %	3	1380 Whitewright	0.09 %	0.16 %	3
1318 Van Horn	0.14 %	0.17 %	3	1382 Whitney	0.13 %	0.15 %	3
1320 Vega	0.14 %	0.18 %	3	1384 Wichita Falls	0.16 %	0.24 %	1
1324 Venus	0.17 %	0.19 %	1	1386 Willis	0.11 %	0.14 %	3
1326 Vernon	0.13 %	0.26 %	3	1387 Willow Park	0.11 %	0.11 %	3
1328 Victoria	0.11 %	0.18 %	3	1388 Wills Point	0.12 %	0.20 %	3
1329 Vidor	0.14 %	0.19 %	3	1390 Wilmer	0.10 %	0.11 %	3
1500 Village Fire Department	0.11 %	0.13 %	3	1392 Wimberley	0.22 %	0.24 %	3
1331 Volente	0.48 %	0.48 %	3	1393 Windcrest	0.15 %	0.19 %	3
1330 Waco	0.15 %	0.21 %	1	1395 Winfield	0.11 %	0.11 %	3
1332 Waelder	0.14 %	0.23 %	3	1396 Wink	0.24 %	0.27 %	3
1334 Wake Village	0.20 %	0.32 %	3	1398 Winnsboro	0.17 %	0.25 %	3
1336 Waller	0.25 %	0.31 %	3	1399 Winona	0.12 %	0.16 %	3
1337 Wallis	0.15 %	0.19 %	3	1400 Winters	0.15 %	0.33 %	3
1338 Walnut Springs	0.28 %	0.29 %	3	1403 Wolfforth	0.13 %	0.15 %	3
1340 Waskom	0.14 %	0.17 %	3	1409 Woodcreek	0.21 %	0.28 %	3
1341 Watauga	0.13 %	0.16 %	3	1404 Woodsboro	0.09 %	0.10 %	3
1342 Waxahachie	0.14 %	0.18 %	3	1406 Woodville	0.14 %	0.21 %	3
1344 Weatherford	0.15 %	0.18 %	3	1407 Woodway	0.12 %	0.15 %	3
1345 Webster	0.16 %	0.19 %	3	1408 Wortham	0.10 %	0.10 %	3
1346 Weimar	0.27 %	0.39 %	3	1410 Wylie	0.11 %	0.12 %	3
1350 Wellington	0.34 %	0.49 %	3	1412 Yoakum	0.18 %	0.26 %	3
1352 Wells	0.05 %	0.34 %	1	1414 Yorktown	0.17 %	0.35 %	3
				1415 Zavalla	0.09 %	0.15 %	1

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## SECTION 6

### SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS

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**Section 6**  
**Texas Municipal Retirement System (“TMRS”)**  
**Summary of Actuarial Assumptions**

Except for the post-retirement mortality rates for healthy annuitants and the mortality assumption used to develop the Annuity Purchase Rates (APRs), these actuarial assumptions were developed from the actuarial investigation of the experience of TMRS over the four year period from January 1, 2006 to December 31, 2009. They were adopted in 2011 and first used, in conjunction with fund restructuring, in the December 31, 2010 actuarial valuation. The post-retirement mortality assumption for healthy annuitants and APRs were updated based on the Mortality Experience Investigation Study covering 2009 through 2011 and dated December 31, 2013. In conjunction with these changes first used in the December 31, 2013 valuation, the System adopted the Entry Age Normal actuarial cost method and a one-time change to the amortization policy. 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 3.00% per year.

B. Discount/Crediting Rates

1. System-wide Investment Return Assumption: 7.00% per year, compounded annually, composed of an assumed 3.00% inflation rate and a 4.00% 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 – 3.00% 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.



D. Individual Salary Increases –

Salary increases are assumed to occur once a year, on January 1.

<u>Age</u>	<u>Rate (%)</u>
20	5.25
25	5.25
30	5.25
35	5.00
40	4.50
45	4.50
50	4.00
55	4.00
60	3.75
65 & over	3.50

The above age-related rates are assumed for service with more than 10 years of service. For participants with 10 years of service or less, salaries are assumed to increase by the following graduated scale.

<u>Years of Service</u>	<u>Rate (%)</u>
0-1	12.00
1-2	9.00
2-3	7.00
3-4	7.00
4-5	6.00
5-6	6.00
6-7	5.50
7-8	5.50
8-9	5.50
9-10	5.50

- E. Annuity Increase – The Consumer Price Index (CPI) is assumed to be 3.00% per year prospectively. Annuity Increases, when applicable, are 30%, 50%, or 70% of CPI, according to the provisions adopted by each city.

## 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 a factor from 75% to 125% based on the experience of the individual city in comparison to the group as a whole. A further multiplier is applied depending on an employee's classification: 1) Fire – 64%, 2) Police – 92%, or 3) Other – 105%. A sample of the base rates follows:

#### Males

Age	Service									
	0	1	2	3	4	5	6	7	8	9
20	0.3298	0.2707	0.2229	0.1876	0.1620	0.1426	0.1249	0.1094	0.0979	0.0867
25	0.3123	0.2485	0.2020	0.1701	0.1479	0.1308	0.1152	0.1013	0.0906	0.0810
30	0.2930	0.2235	0.1775	0.1490	0.1305	0.1163	0.1033	0.0914	0.0818	0.0744
35	0.2778	0.2089	0.1632	0.1356	0.1186	0.1059	0.0946	0.0842	0.0757	0.0696
40	0.2641	0.1987	0.1538	0.1264	0.1099	0.0980	0.0880	0.0789	0.0713	0.0661
45	0.2506	0.1900	0.1470	0.1199	0.1035	0.0922	0.0832	0.0752	0.0685	0.0635
50	0.2364	0.1811	0.1410	0.1149	0.0987	0.0880	0.0799	0.0730	0.0669	0.0616
55	0.2215	0.1718	0.1356	0.1110	0.0950	0.0854	0.0781	0.0720	0.0662	0.0601
60	0.2057	0.1623	0.1307	0.1082	0.0926	0.0844	0.0777	0.0723	0.0666	0.0591
65	0.1899	0.1530	0.1262	0.1058	0.0905	0.0839	0.0778	0.0731	0.0674	0.0584
70	0.1725	0.1427	0.1211	0.1031	0.0881	0.0832	0.0778	0.0739	0.0681	0.0575

#### Females

Age	Service									
	0	1	2	3	4	5	6	7	8	9
20	0.3289	0.2849	0.2465	0.2162	0.1941	0.1780	0.1621	0.1446	0.1274	0.1114
25	0.3079	0.2623	0.2252	0.1972	0.1774	0.1633	0.1496	0.1346	0.1191	0.1037
30	0.2837	0.2343	0.1976	0.1718	0.1549	0.1434	0.1330	0.1214	0.1084	0.0938
35	0.2664	0.2138	0.1761	0.1512	0.1360	0.1264	0.1185	0.1094	0.0984	0.0851
40	0.2532	0.1977	0.1585	0.1335	0.1192	0.1110	0.1048	0.0978	0.0887	0.0770
45	0.2427	0.1856	0.1449	0.1194	0.1051	0.0973	0.0921	0.0865	0.0792	0.0696
50	0.2337	0.1765	0.1352	0.1088	0.0936	0.0854	0.0802	0.0755	0.0698	0.0629
55	0.2250	0.1699	0.1294	0.1020	0.0849	0.0753	0.0692	0.0647	0.0606	0.0569
60	0.2166	0.1659	0.1277	0.0992	0.0793	0.0671	0.0590	0.0541	0.0515	0.0516
65	0.2082	0.1629	0.1275	0.0979	0.0749	0.0596	0.0493	0.0437	0.0426	0.0467
70	0.1990	0.1593	0.1270	0.0962	0.0697	0.0512	0.0384	0.0322	0.0327	0.0412

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 a factor from 75% to 125% based on the experience of the individual city in comparison to the group as a whole (same factor as above). A further multiplier is applied depending on an employee's classification: 1) Fire – 54%, 2) Police – 80%, or 3) Other – 109%. A sample of the base rates follows:

Years from Retirement	Male	Female
1	0.0171	0.0219
2	0.0244	0.0307
3	0.0300	0.0374
4	0.0348	0.0431
5	0.0390	0.0480
6	0.0429	0.0525
7	0.0464	0.0566
8	0.0497	0.0604
9	0.0528	0.0640
10	0.0557	0.0674
11	0.0585	0.0706
12	0.0612	0.0737
13	0.0637	0.0766
14	0.0662	0.0794
15	0.0686	0.0822

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. 2% is added to the rates for 1½-to-1 cities, and 4% is added for 1-to-1 cities.

Age	Percent of Terminating Employees Choosing to Take a Refund
25	0.5200
30	0.4790
35	0.4380
40	0.3970
45	0.3560
50	0.3150
55	0.2740

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 RP2000 Combined Healthy Mortality Tables with Blue Collar Adjustment are used with male rates multiplied by 109% and female rates multiplied by 103%. The rates are projected on a fully generational basis by scale BB to account for future mortality improvements.

Attained Age in 2013	Annual Rate				
	Males	Females	Attained Age in 2013 (cont.)	Males	Females
(1)	(2)	(3)	(4)	(5)	(6)
40	0.001437	0.000870	65	0.014477	0.009154
45	0.001880	0.001374	70	0.023964	0.016405
50	0.002528	0.001944	75	0.038627	0.027194
55	0.004398	0.002697	80	0.063179	0.043098
60	0.008228	0.004473	85	0.103059	0.073161

D. Disabled Annuitant Mortality Rates

For calculating the actuarial liability and the retirement contribution rates, the gender-distinct RP2000 Disabled Retiree Mortality Table with both male and female rates multiplied by 80%.

Age	Males	Females
40	0.018057	0.005960
45	0.018057	0.005960
50	0.023180	0.009228
55	0.028354	0.013235
60	0.033634	0.017471
65	0.040139	0.022421
70	0.050066	0.030108
75	0.065654	0.041784
80	0.087498	0.057850

Mortality Improvement: To account for future mortality improvement, the rates were chosen so that the assumed mortality rates are smaller than the rates observed in the most recent experience study. The ratio of the actual number of deaths occurring during this period to the expected number based on the selected assumptions was 98% for disabled male annuitants, 171% for disabled female annuitants, and 108% on a combined basis.

E. 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) for 2014 are based on the UP-1984 Table with an age setback of two years for retirees and an age setback of eight years for beneficiaries. Beginning in 2027 the APRs will be 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. 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. From 2015 through 2026, the fully generational APRs will be phased into.

F. Pre-Retirement Mortality Rates-Gender-distinct RP2000 Combined Healthy Mortality Table projected to the year 2003 by Scale AA, with a 5 year setback for both males and females

Age	Males	Females
20	0.000254	0.000162
25	0.000326	0.000182
30	0.000365	0.000198
35	0.000437	0.000256
40	0.000761	0.000459
45	0.001053	0.000675
50	0.001450	0.001071
55	0.002025	0.001592
60	0.003421	0.002652
65	0.006428	0.004980

Mortality Improvement: While future mortality improvement is not assumed, the rates were chosen so that the assumed mortality rates are larger than the rates observed in the most recent experience study to build in margin for adverse experience.

G. Disability Rates

Age	Males	Females
20	0.000042	0.000014
25	0.000049	0.000021
30	0.000095	0.000043
35	0.000265	0.000131
40	0.000673	0.000359
45	0.001295	0.000754
50	0.002082	0.001333
55	0.003061	0.002178
60	0.003842	0.002990
65	0.003842	0.002990

- H. Service Retirement Rates, applied to both Active and Inactive Members
- The base table rates vary by gender, entry age group, and age. For retirees under the age of 62, the rates for active members 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	Males Entry Age Groups			Females Entry Age Groups		
	Ages 32 & Under	Ages 33 - 47	Ages 48 & Over	Ages 32 & Under	Ages 33 - 47	Ages 48 & Over
40-44	0.06	-	-	0.06	-	-
45-49	0.06	-	-	0.06	-	-
50-52	0.08	-	-	0.08	-	-
53	0.08	0.10	-	0.08	0.10	-
54	0.08	0.10	-	0.11	0.10	-
55-59	0.14	0.10	-	0.11	0.10	-
60	0.20	0.15	0.10	0.14	0.15	0.10
61	0.25	0.30	0.20	0.28	0.26	0.20
62	0.32	0.25	0.12	0.28	0.17	0.12
63	0.32	0.23	0.12	0.28	0.17	0.12
64	0.32	0.35	0.20	0.28	0.22	0.20
65	0.32	0.32	0.20	0.28	0.27	0.20
66-69	0.22	0.22	0.17	0.22	0.22	0.17
70-74	0.20	0.22	0.25	0.22	0.22	0.25
75 and over	1.00	1.00	1.00	1.00	1.00	1.00

Note: For cities without a 20-year/any age retirement provision, the active employee rates for entry ages 32 and under are loaded by 20% for ages below 60.

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: 1.00

No Recurring COLA: 0.90

**III. Methods and Assumptions**

- A. Valuation of Assets – The actuarial value of assets is based on the market value of assets with ten-year smoothing applied. This is accomplished by recognizing each year 10% of the difference between the market value of assets and the expected actuarial value of assets, based upon the assumed valuation rate of return. The actuarial value of assets is further adjusted by 33% of any difference between the initial value and a 15% corridor around the

market value of assets, if necessary. If the corridor is applicable for a given year, the next year's expected actuarial value of assets will be determined from the post-corridor adjusted asset value.

- 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 municipality, 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 with twenty or more employees, 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. New experience losses are amortized over individual periods of either 25 or 30 years. New gains (including lump sum payments) 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 non ad hoc bases are erased and the surplus for overfunded cities is amortized over a 25 year open period.

Ad hoc benefit enhancements are amortized over individual 15 year periods using a level dollar policy.

For the December 31, 2013 actuarial valuation, there was a one-time change in the amortization policy for underfunded cities implemented in conjunction with the changes to the assumptions and cost method to minimize rate volatility associated with these changes. An initial ARC was developed using the methodology described above. For cities with a decrease in the rate compared to the rate calculated prior to changes, the amortization period for all non-ad hoc bases was shortened enough to keep the rates stable (if possible).

Cities with an increase of more than 0.50% were allowed to extend the amortization periods for non-ad hoc bases up to 30 years to keep the full contribution rate from increasing. For cities with an increase of 0.50% or less, the amortization periods for all non-ad hoc bases *could* be extended to 25 years to keep the rate from increasing. The amortization period calculated in the prior steps was then rounded up to the nearest integer to calculate the final full contribution rate.

- 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, and 100% for employers with 11 to 15 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 amortization period for amortizing gains and losses is decreased from current levels by 1 year for each active member less than the 20 member threshold. For example, an employer with 8 active members and a current maximum amortization period of 25 will use  $(25 - (20 - 8)) = 13$  year amortization period for the gain or loss in that year's valuation. Under this policy, the lowest amortization period will be  $25 - (20 - 1) = 6$  years. Once the plan is overfunded, the amortization period will revert back to the standard 25 years.

- E. Supplemental Death Benefit – 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. Due the significant reserve in the Supplemental Death Trust, the SDB rate for retiree coverage is currently based on a death benefit of only one-third of the \$7,500 actual benefit.

#### IV. *Other Assumptions*

1. Valuation payroll (used for determining the amortization contribution rate): A three year exponential average of the actual salaries paid during the prior fiscal years, moved forward with one year's payroll growth rate and adjusted for changes in population.
2. Individual salaries used to project benefits: 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 is similar to a three-year exponential moving average. 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: 75% of male and 70% of female 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. Percent electing annuity on death (when eligible): All of the spouses of vested, married participants are assumed to elect an immediate life annuity.
7. Partial Lump Sum Utilization: It is assumed that each member at retirement will withdraw 40% of their eligible account balance.
8. 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).
9. There will be no recoveries once disabled.
10. No surviving spouse will remarry and there will be no children's benefit.
11. Decrement timing: Decrements of all types are assumed to occur mid-year.
12. 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.
13. Decrement relativity: Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
14. 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.
15. Benefit Service: All members are assumed to accrue 1 year of eligibility service each year.

16. 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.

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**SECTION 7**  
**SUMMARY OF BENEFIT PROVISIONS**

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## **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 employee'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 deposit 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 (employee 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 employee, 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 employee's accumulated contributions based on the city's matching rate in effect at the time the employee 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 deposit 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 employee'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 deposits and interest. A member 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 12/31/2014 Valuation

CITY	Changes
Addison	Granted 70% ad hoc COLA.
Allen	Removed statutory max.
Bedford	Increased employee contribution rate from 5% to 7%.
Boyd	1) Increased municipal matching ratio from 1 - 1 to 1.5 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Bremond	Removed statutory max.
Brenham	1) Granted 100% Ad Hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Cactus	1) Adopted 20 yr, any age retirement eligibility. 2) Increased employee contribution rate from 5% to 6%. 3) Increased municipal matching ratio from 1 - 1 to 1.5 - 1. 4) Increased statutory max to 10.50% due to plan changes.
Centerville	1) Granted 50% Ad Hoc USC with transfer. 2) Increased municipal matching ratio from 1 - 1 to 2 - 1. 3) Removed statutory max.
Clarksville City	1) Granted 100% Ad Hoc USC. 2) Increased employee contribution rate from 5% to 7%.
Clear Lake Shores	Adopted 20 yr, any age retirement eligibility.
Cleburne	Adopted buy-back provision. *
Corpus Christi	1) Granted 100% Ad Hoc USC. 2) Granted 70% ad hoc COLA.
Corrigan	Adopted restricted prior service credit. *
DeSoto	1) Decreased repeating COLA from 70% to 30%. 2) Increased municipal matching ratio from 1.5 - 1 to 2 - 1.
Donna	1) Increased municipal matching ratio from 1 - 1 to 1.5 - 1. 2) Increased statutory max to 9.50% due to plan changes.
Dublin	Removed statutory max.
Falfurrias/Falfurrias Utility Bd	1) Adopted restricted prior service credit for City employees. * 2) Creation of composite participation date.
Frisco	Removed statutory max.
Hawkins	1) Increased employee contribution rate from 6% to 7%. 2) Increased municipal matching ratio from 1.5 - 1 to 2 - 1. 3) Increased statutory max to 13.50% due to plan changes.
Hidalgo	Adopted restricted prior service credit. *
Hurst	Granted 30% ad hoc COLA.
Irving	Adopted 30% repeating COLA.
Jourdanton	1) Adopted buy-back provision. * 2) Adopted restricted prior service credit. *
Killeen	1) Granted 100% Ad Hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Lampasas	Adopted buy-back provision. *
Liberty	1) Granted 100% Ad Hoc USC with transfer. 2) Increased employee contribution rate from 5% to 7%.
Lovelady	Increased municipal matching ratio from 1 - 1 to 2 - 1.
Lucas	Adopted 70% repeating COLA.
Manor	1) Adopted 20 yr, any age retirement eligibility. 2) Adopted restricted prior service credit. *
Manvel	1) Increased employee contribution rate from 5% to 7%. 2) Increased statutory max to 13.50% due to plan changes.
McKinney	Removed statutory max.
Meadows Place	1) Granted 100% Ad Hoc USC. 2) Granted 70% ad hoc COLA.
Mesquite	1) Granted 100% Ad Hoc USC with transfer. 2) Granted 50% ad hoc COLA.
Midlothian	Removed statutory max.
Missouri City	1) Granted 100% Ad Hoc USC with transfer. 2) Granted 70% ad hoc COLA.

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

## Section 7

### Texas Municipal Retirement System

#### Summary of Benefit Provision Changes Reflected in 12/31/2014 Valuation

CITY	Changes
Mont Belvieu	1) Increased employee contribution rate from 6% to 7%. 2) Removed statutory max.
New Summerfield	Increased employee contribution rate from 5% to 7%.
Oak Point	Adopted 20 yr, any age retirement eligibility.
Panhandle	1) Adopted 20 yr, any age retirement eligibility. 2) Increased municipal matching ratio from 1 - 1 to 2 - 1. 3) Removed statutory max.
Port Neches	Granted 30% ad hoc COLA.
Quinlan	1) Increased employee contribution rate from 5% to 6%. 2) Increased municipal matching ratio from 1 - 1 to 2 - 1. 3) Increased statutory max to 12.50% due to plan changes.
Quitman	Adopted 5 year vesting.
San Antonio	Granted 70% ad hoc COLA.
Seguin	1) Adopted 100% repeating USC with transfer. 2) Granted 70% ad hoc COLA.
Spur	Granted 70% ad hoc COLA.
Sudan	1) Granted 100% Ad Hoc USC with transfer. 2) Granted 70% ad hoc COLA.
Sulphur Springs	Granted 100% Ad Hoc USC with transfer.
Tahoka	Granted 100% Ad Hoc USC.
Texarkana	Removed statutory max.
Tex Municipal League IEBP	Granted 100% Ad Hoc USC.
Trophy Club	Decreased repeating COLA from 70% to 30%.
Troy	1) Increased municipal matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 12.50% due to plan changes.
Van	1) Adopted 100% repeating USC with transfer. 2) Increased employee contribution rate from 5% to 6%. 3) Increased statutory max to 12.50% due to plan changes.
Volente	Closed to new entrants.
Wellington	Adopted 100% repeating USC with transfer.
Weslaco	1) Granted 30% ad hoc COLA. 2) Granted 50% Ad Hoc USC with transfer.
West Columbia	Adopted 20 yr, any age retirement eligibility.
West Lake Hills	1) Adopted 20 yr, any age retirement eligibility. 2) Adopted 5 year vesting.
Willow Park	1) Adopted buy-back provision. * 2) Increased employee contribution rate from 5% to 7%. 3) Increased municipal matching ratio from 1 - 1 to 2 - 1.
Winnsboro	Increased municipal matching ratio from 1.5 - 1 to 2 - 1.
Wolfforth	1) Increased municipal matching ratio from 1.5 - 1 to 2 - 1. 2) Increased statutory max to 11.50% due to plan changes.
Wylie	Removed statutory max.

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

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SECTION 8  
INDIVIDUAL CITY REPORTS

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**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Abernathy	Abilene	Addison	Alamo	Alamo Heights	Alba	Albany
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$715,963	\$112,521,183	\$47,254,687	\$5,936,385	\$8,142,598	\$183,496	\$387,120
b. Noncontributing Members	67,764	19,809,320	10,151,573	1,009,918	2,659,997	4,007	17,646
c. Annuitants	<u>274,825</u>	<u>132,714,836</u>	<u>51,712,212</u>	<u>1,636,738</u>	<u>10,624,125</u>	<u>36,178</u>	<u>330,980</u>
2. Total Actuarial Accrued Liability	\$1,058,552	\$265,045,339	\$109,118,472	\$8,583,041	\$21,426,720	\$223,681	\$735,746
3. Actuarial value of assets	<u>989,699</u>	<u>243,449,305</u>	<u>106,668,330</u>	<u>6,903,601</u>	<u>15,412,068</u>	<u>210,223</u>	<u>665,126</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$68,853	\$21,596,034	\$2,450,142	\$1,679,440	\$6,014,652	\$13,458	\$70,620
5. Funded Ratio: (3) / (2)	93.5%	91.9%	97.8%	80.4%	71.9%	94.0%	90.4%
6. Annual Payroll	\$816,388	\$45,459,514	\$18,255,432	\$4,265,830	\$5,061,420	\$203,923	\$580,406
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.68%	6.89%	7.75%	4.79%	10.16%	1.57%	3.68%
Prior Service	<u>0.49%</u>	<u>3.13%</u>	<u>1.58%</u>	<u>2.48%</u>	<u>6.87%</u>	<u>0.88%</u>	<u>0.73%</u>
Total Retirement	3.17%	10.02%	9.33%	7.27%	17.03%	2.45%	4.41%
Supplemental Death	<u>0.29%</u>	<u>0.25%</u>	<u>0.17%</u>	<u>0.19%</u>	<u>0.19%</u>	<u>0.18%</u>	<u>0.37%</u>
Total Rate	3.46%	10.27%	9.50%	7.46%	17.22%	2.63%	4.78%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	16.60%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	15.50%	9.50%	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.7 years	23.2 years	10.4 years	25.0 years	29.0 years	9.0 years	27.1 years
Number of annuitants	5	736	169	23	64	1	7
Number of active contributing members	22	1,002	256	128	97	5	17
Number of inactive members	22	395	179	68	59	1	9
Average age of contributing members	46.2 years	43.8 years	41.2 years	41.8 years	41.1 years	52.8 years	49.3 years
Average length of service of contributing members	7.7 years	10.6 years	11.6 years	9.7 years	11.5 years	9.9 years	6.8 years

	Aledo	Alice	Allen	Alpine	Alto	Alton	Alvarado
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$444,780	\$19,642,796	\$99,118,884	\$3,067,031	\$180,295	\$2,512,742	\$1,729,399
b. Noncontributing Members	113,616	2,176,614	17,106,944	345,462	248,282	843,108	434,112
c. Annuitants	<u>102,697</u>	<u>17,174,113</u>	<u>32,606,566</u>	<u>2,203,940</u>	<u>409,409</u>	<u>229,822</u>	<u>189,134</u>
2. Total Actuarial Accrued Liability	\$661,093	\$38,993,523	\$148,832,394	\$5,616,433	\$837,986	\$3,585,672	\$2,352,645
3. Actuarial value of assets	<u>599,201</u>	<u>33,591,819</u>	<u>123,068,569</u>	<u>6,519,089</u>	<u>797,643</u>	<u>3,148,560</u>	<u>2,169,001</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$61,892	\$5,401,704	\$25,763,825	(\$902,656)	\$40,343	\$437,112	\$183,644
5. Funded Ratio: (3) / (2)	90.6%	86.1%	82.7%	116.1%	95.2%	87.8%	92.2%
6. Annual Payroll	\$713,330	\$10,805,465	\$41,255,486	\$2,265,876	\$307,070	\$2,313,943	\$2,202,845
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.51%	6.02%	10.10%	2.88%	8.33%	11.30%	3.98%
Prior Service	<u>0.52%</u>	<u>3.31%</u>	<u>3.61%</u>	<u>-2.51%</u>	<u>0.77%</u>	<u>1.09%</u>	<u>0.48%</u>
Total Retirement	7.03%	9.33%	13.71%	0.37%	9.10%	12.39%	4.46%
Supplemental Death	<u>0.18%</u>	<u>0.00%</u>	<u>0.14%</u>	<u>0.21%</u>	<u>0.18%</u>	<u>0.11%</u>	<u>0.13%</u>
Total Rate	7.21%	9.33%	13.85%	0.58%	9.28%	12.50%	4.59%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	5.60%	N/A	N/A	N/A	6.99%	9.19%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	11.50%	13.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	27.2 years	23.0 years	29.0 years	25.0 years	28.3 years	29.1 years	29.2 years
Number of annuitants	4	135	149	32	8	9	9
Number of active contributing members	16	234	689	52	11	74	56
Number of inactive members	7	64	311	37	14	63	44
Average age of contributing members	41.9 years	44.3 years	42.5 years	43.3 years	38.2 years	37.4 years	39.9 years
Average length of service of contributing members	9.7 years	9.5 years	9.9 years	9.3 years	2.8 years	5.6 years	6.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Alvin	Alvord	Amarillo	Amherst	Anahuac	Andrews	Angleton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$23,327,624	\$114,915	\$194,434,433	\$15,966	\$189,048	\$11,508,910	\$13,183,683
b. Noncontributing Members	8,045,584	169,283	19,436,816	55,914	296,659	1,952,182	1,323,734
c. Annuitants	<u>22,031,877</u>	<u>32,866</u>	<u>200,937,653</u>	<u>292,527</u>	<u>390,865</u>	<u>9,257,489</u>	<u>8,001,712</u>
2. Total Actuarial Accrued Liability	\$53,405,085	\$317,064	\$414,808,902	\$364,407	\$876,572	\$22,718,581	\$22,509,129
3. Actuarial value of assets	<u>42,518,585</u>	<u>269,361</u>	<u>364,879,749</u>	<u>310,832</u>	<u>814,982</u>	<u>18,838,513</u>	<u>18,491,920</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$10,886,500	\$47,703	\$49,929,153	\$53,575	\$61,590	\$3,880,068	\$4,017,209
5. Funded Ratio: (3) / (2)	79.6%	85.0%	88.0%	85.3%	93.0%	82.9%	82.2%
6. Annual Payroll	\$10,437,137	\$288,974	\$79,672,416	\$123,648	\$367,536	\$3,671,948	\$5,671,942
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.33%	4.58%	6.43%	3.74%	7.56%	8.24%	7.45%
Prior Service	<u>7.56%</u>	<u>1.16%</u>	<u>4.53%</u>	<u>2.50%</u>	<u>0.97%</u>	<u>7.42%</u>	<u>4.46%</u>
Total Retirement	16.89%	5.74%	10.96%	6.24%	8.53%	15.66%	11.91%
Supplemental Death	<u>0.15%</u>	<u>0.17%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.30%</u>	<u>0.00%</u>	<u>0.22%</u>
Total Rate	17.04%	5.91%	10.96%	6.24%	8.83%	15.66%	12.13%
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)	N/A	N/A	N/A	N/A	N/A	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	20.0 years	21.0 years	20.1 years	29.1 years	28.9 years	21.0 years	25.0 years
Number of annuitants	106	2	972	4	3	29	49
Number of active contributing members	215	7	1,764	5	7	65	119
Number of inactive members	175	3	776	4	14	28	37
Average age of contributing members	40.4 years	42.1 years	43.5 years	41.7 years	49.7 years	39.3 years	45.3 years
Average length of service of contributing members	8.8 years	6.4 years	9.2 years	2.0 years	6.6 years	9.9 years	10.0 years

	Anna	Annetta	Anson	Anthony	Aransas Pass	Archer City	Argyle
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,081,392	\$6,137	\$633,574	\$752,305	\$5,100,389	\$337,938	\$2,894,720
b. Noncontributing Members	552,548	0	69,308	129,544	1,282,209	134,687	552,470
c. Annuitants	<u>571,440</u>	<u>0</u>	<u>315,370</u>	<u>265,749</u>	<u>6,689,889</u>	<u>158,148</u>	<u>289,848</u>
2. Total Actuarial Accrued Liability	\$4,205,380	\$6,137	\$1,018,252	\$1,147,598	\$13,072,487	\$630,773	\$3,737,038
3. Actuarial value of assets	<u>3,235,181</u>	<u>5,780</u>	<u>1,024,549</u>	<u>835,318</u>	<u>10,345,761</u>	<u>583,999</u>	<u>3,065,101</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$970,199	\$357	(\$6,297)	\$312,280	\$2,726,726	\$46,774	\$671,937
5. Funded Ratio: (3) / (2)	76.9%	94.2%	100.6%	72.8%	79.1%	92.6%	82.0%
6. Annual Payroll	\$2,503,055	\$94,432	\$727,422	\$1,299,279	\$4,064,945	\$749,646	\$1,293,158
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	12.00%	2.23%	1.11%	1.21%	6.99%	3.03%	11.86%
Prior Service	<u>2.24%</u>	<u>0.06%</u>	<u>-0.05%</u>	<u>1.55%</u>	<u>3.88%</u>	<u>0.40%</u>	<u>3.13%</u>
Total Retirement	14.24%	2.29%	1.06%	2.76%	10.87%	3.43%	14.99%
Supplemental Death	<u>0.13%</u>	<u>0.09%</u>	<u>0.25%</u>	<u>0.14%</u>	<u>0.15%</u>	<u>0.21%</u>	<u>0.00%</u>
Total Rate	14.37%	2.38%	1.31%	2.90%	11.02%	3.64%	14.99%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	12.89%	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	N/A	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	7.3 years	25.0 years	24.0 years	29.0 years	24.3 years	26.9 years
Number of annuitants	3	0	9	6	38	5	9
Number of active contributing members	44	2	24	35	101	18	23
Number of inactive members	15	0	12	16	88	9	19
Average age of contributing members	43.7 years	41.2 years	45.4 years	41.5 years	41.4 years	47.6 years	47.4 years
Average length of service of contributing members	9.6 years	4.1 years	9.5 years	7.6 years	6.7 years	8.1 years	14.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Arlington	Arp	Aspermont	Athens	Atlanta	Aubrey	Avinger
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$456,528,618	\$231,968	\$157,352	\$16,537,293	\$1,842,612	\$1,253,267	\$65,302
b. Noncontributing Members	74,312,122	239,739	19,653	1,517,615	305,957	464,922	0
c. Annuitants	<u>507,141,470</u>	<u>84,646</u>	<u>169,667</u>	<u>14,560,525</u>	<u>1,122,788</u>	<u>273,038</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$1,037,982,210	\$556,353	\$346,672	\$32,615,433	\$3,271,357	\$1,991,227	\$65,302
3. Actuarial value of assets	<u>893,065,264</u>	<u>587,066</u>	<u>491,533</u>	<u>21,854,986</u>	<u>3,111,070</u>	<u>2,195,502</u>	<u>75,390</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$144,916,946	(\$30,713)	(\$144,861)	\$10,760,447	\$160,287	(\$204,275)	(\$10,088)
5. Funded Ratio: (3) / (2)	86.0%	105.5%	141.8%	67.0%	95.1%	110.3%	115.4%
6. Annual Payroll	\$159,969,916	\$291,675	\$246,176	\$6,500,306	\$1,519,953	\$1,780,605	\$28,298
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.57%	2.11%	1.12%	10.25%	3.34%	2.74%	3.59%
Prior Service	<u>6.36%</u>	<u>-0.66%</u>	<u>-1.12%</u>	<u>10.96%</u>	<u>0.76%</u>	<u>-0.72%</u>	<u>-2.24%</u>
Total Retirement	14.93%	1.45%	0.00%	21.21%	4.10%	2.02%	1.35%
Supplemental Death	<u>0.15%</u>	<u>0.23%</u>	<u>0.17%</u>	<u>0.20%</u>	<u>0.21%</u>	<u>0.13%</u>	<u>0.33%</u>
Total Rate	15.08%	1.68%	0.17%	21.41%	4.31%	2.15%	1.68%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	1.89%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	7.50%	N/A	7.50%	11.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	21.0 years	25.0 years	25.0 years	23.0 years	20.2 years	25.0 years	25.0 years
Number of annuitants	1,494	2	2	62	16	9	0
Number of active contributing members	2,462	8	6	117	40	49	1
Number of inactive members	917	6	3	38	8	72	0
Average age of contributing members	41.8 years	43.4 years	47.0 years	42.6 years	48.3 years	40.5 years	61.0 years
Average length of service of contributing members	11.2 years	8.6 years	8.8 years	10.8 years	10.7 years	7.1 years	15.1 years

	Azle	Baird	Balch Springs	Balcones Heights	Ballinger	Balmorhea	Bandera
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$11,054,518	\$102,060	\$16,210,835	\$4,960,487	\$1,362,477	\$12,434	\$1,268,118
b. Noncontributing Members	2,759,532	115,501	3,089,554	1,472,248	90,357	2,983	241,861
c. Annuitants	<u>5,264,392</u>	<u>315,757</u>	<u>8,457,552</u>	<u>8,575,282</u>	<u>1,753,876</u>	<u>0</u>	<u>363,370</u>
2. Total Actuarial Accrued Liability	\$19,078,442	\$533,318	\$27,757,941	\$15,008,017	\$3,206,710	\$15,417	\$1,873,349
3. Actuarial value of assets	<u>15,478,227</u>	<u>618,352</u>	<u>20,303,326</u>	<u>11,756,158</u>	<u>3,142,171</u>	<u>32,167</u>	<u>1,888,530</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$3,600,215	(\$85,034)	\$7,454,615	\$3,251,859	\$64,539	(\$16,750)	(\$15,181)
5. Funded Ratio: (3) / (2)	81.1%	115.9%	73.1%	78.3%	98.0%	208.6%	100.8%
6. Annual Payroll	\$5,851,269	\$399,065	\$8,998,087	\$2,532,325	\$1,205,506	\$28,811	\$559,356
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.01%	1.30%	9.31%	11.02%	3.07%	1.36%	10.00%
Prior Service	<u>3.87%</u>	<u>-1.30%</u>	<u>4.79%</u>	<u>7.42%</u>	<u>0.41%</u>	<u>-1.36%</u>	<u>-0.17%</u>
Total Retirement	11.88%	0.00%	14.10%	18.44%	3.48%	0.00%	9.83%
Supplemental Death	<u>0.16%</u>	<u>0.13%</u>	<u>0.15%</u>	<u>0.20%</u>	<u>0.27%</u>	<u>0.07%</u>	<u>0.40%</u>
Total Rate	12.04%	0.13%	14.25%	18.64%	3.75%	0.07%	10.23%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	17.93%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	12.50%	N/A	N/A	N/A	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	29.0 years	29.0 years	18.4 years	25.0 years	25.0 years
Number of annuitants	56	5	75	50	15	0	8
Number of active contributing members	109	12	167	49	37	1	14
Number of inactive members	88	10	100	43	10	3	16
Average age of contributing members	43.5 years	41.1 years	42.0 years	44.2 years	48.3 years	45.2 years	49.0 years
Average length of service of contributing members	10.3 years	4.2 years	7.4 years	10.1 years	7.7 years	6.3 years	8.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Bangs	Bartlett	Bartonville	Bastrop	Bay City	Bayou Vista	Baytown
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$676,058	\$479,925	\$69,190	\$8,863,054	\$11,672,642	\$123,011	\$140,466,784
b. Noncontributing Members	56,963	120,301	356,948	1,251,576	2,637,342	67,687	18,846,198
c. Annuitants	<u>1,005,194</u>	<u>300,932</u>	<u>439,294</u>	<u>3,881,104</u>	<u>16,234,796</u>	<u>64,871</u>	<u>110,009,054</u>
2. Total Actuarial Accrued Liability	\$1,738,215	\$901,158	\$865,432	\$13,995,734	\$30,544,780	\$255,569	\$269,322,036
3. Actuarial value of assets	<u>1,535,028</u>	<u>897,817</u>	<u>583,502</u>	<u>11,394,075</u>	<u>26,633,482</u>	<u>291,240</u>	<u>214,632,506</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$203,187	\$3,341	\$281,930	\$2,601,659	\$3,911,298	(\$35,671)	\$54,689,530
5. Funded Ratio: (3) / (2)	88.3%	99.6%	67.4%	81.4%	87.2%	114.0%	79.7%
6. Annual Payroll	\$475,742	\$722,331	\$424,982	\$5,312,988	\$6,641,725	\$252,774	\$44,903,302
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.60%	7.12%	7.09%	8.04%	5.50%	3.70%	9.33%
Prior Service	<u>2.83%</u>	<u>0.03%</u>	<u>5.41%</u>	<u>2.83%</u>	<u>4.13%</u>	<u>-0.89%</u>	<u>8.07%</u>
Total Retirement	13.43%	7.15%	12.50%	10.87%	9.63%	2.81%	17.40%
Supplemental Death	<u>0.38%</u>	<u>0.15%</u>	<u>0.09%</u>	<u>0.16%</u>	<u>0.23%</u>	<u>0.23%</u>	<u>0.16%</u>
Total Rate	13.81%	7.30%	12.59%	11.03%	9.86%	3.04%	17.56%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	6.11%	10.82%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	12.50%	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.0 years	23.8 years	16.9 years	29.0 years	21.0 years	25.0 years	23.0 years
Number of annuitants	9	5	2	39	100	1	403
Number of active contributing members	14	16	5	109	156	8	749
Number of inactive members	11	18	7	48	82	7	234
Average age of contributing members	52.8 years	45.9 years	45.2 years	45.0 years	43.7 years	46.5 years	41.8 years
Average length of service of contributing members	5.0 years	5.8 years	10.1 years	9.6 years	9.3 years	7.9 years	11.1 years

	Beaumont	Bedford	Bee Cave	Beeville	Bellaire	Bellmead	Bells
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$200,650,636	\$19,026,808	\$2,102,843	\$3,678,645	\$29,862,223	\$4,905,551	\$56,268
b. Noncontributing Members	18,449,035	840,870	1,305,463	1,768,034	6,009,136	869,770	49,155
c. Annuitants	<u>206,889,974</u>	<u>2,530,353</u>	<u>252,030</u>	<u>3,586,003</u>	<u>34,928,938</u>	<u>5,950,279</u>	<u>121,049</u>
2. Total Actuarial Accrued Liability	\$425,989,645	\$22,398,031	\$3,660,336	\$9,032,682	\$70,800,297	\$11,725,600	\$226,472
3. Actuarial value of assets	<u>343,903,761</u>	<u>11,133,154</u>	<u>3,147,705</u>	<u>11,204,808</u>	<u>57,491,138</u>	<u>10,805,508</u>	<u>311,914</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$82,085,884	\$11,264,877	\$512,631	(\$2,172,126)	\$13,309,159	\$920,092	(\$85,442)
5. Funded Ratio: (3) / (2)	80.7%	49.7%	86.0%	124.0%	81.2%	92.2%	137.7%
6. Annual Payroll	\$59,332,054	\$20,347,675	\$2,551,060	\$4,498,896	\$9,206,280	\$3,360,203	\$363,113
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.14%	4.78%	8.09%	3.29%	11.35%	7.42%	1.50%
Prior Service	<u>10.03%</u>	<u>3.24%</u>	<u>1.20%</u>	<u>-3.04%</u>	<u>9.85%</u>	<u>1.58%</u>	<u>-1.48%</u>
Total Retirement	19.17%	8.02%	9.29%	0.25%	21.20%	9.00%	0.02%
Supplemental Death	<u>0.00%</u>	<u>0.00%</u>	<u>0.14%</u>	<u>0.00%</u>	<u>0.23%</u>	<u>0.19%</u>	<u>0.13%</u>
Total Rate	19.17%	8.02%	9.43%	0.25%	21.43%	9.19%	0.15%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	7.54%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	13.50%	11.50%	N/A	12.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	20.0 years	28.4 years	27.4 years	25.0 years	22.0 years	29.1 years	25.0 years
Number of annuitants	766	33	6	56	112	28	4
Number of active contributing members	1,012	327	40	114	144	76	11
Number of inactive members	296	72	31	92	80	39	11
Average age of contributing members	45.0 years	42.5 years	43.2 years	42.9 years	44.9 years	41.4 years	43.5 years
Average length of service of contributing members	12.5 years	12.5 years	7.1 years	8.3 years	12.8 years	8.9 years	6.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Bellville	Belton	Benbrook	Berryville	Bertram	Big Lake	Big Sandy
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,161,880	\$8,990,808	\$27,051,529	\$164,814	\$81,445	\$3,728,983	\$702,542
b. Noncontributing Members	570,183	1,423,667	3,126,629	0	125,573	525,909	108,091
c. Annuitants	4,415,708	8,323,024	17,336,121	35,075	246,934	935,279	14,630
2. Total Actuarial Accrued Liability	\$10,147,771	\$18,737,499	\$47,514,279	\$199,889	\$453,952	\$5,190,171	\$825,263
3. Actuarial value of assets	7,297,722	16,895,239	39,664,924	219,360	458,539	3,503,023	767,047
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,850,049	\$1,842,260	\$7,849,355	(\$19,471)	(\$4,587)	\$1,687,148	\$58,216
5. Funded Ratio: (3) / (2)	71.9%	90.2%	83.5%	109.7%	101.0%	67.5%	92.9%
6. Annual Payroll	\$2,490,567	\$7,471,266	\$8,203,082	\$108,072	\$410,477	\$1,050,912	\$448,581
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.70%	5.41%	11.18%	2.79%	1.49%	7.53%	0.95%
Prior Service	8.30%	1.43%	6.17%	-1.13%	-0.07%	10.80%	1.73%
Total Retirement	14.00%	6.84%	17.35%	1.66%	1.42%	18.33%	2.68%
Supplemental Death	0.29%	0.17%	0.16%	0.50%	0.00%	0.27%	0.31%
Total Rate	14.29%	7.01%	17.51%	2.16%	1.42%	18.60%	2.99%
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	9.50%	7.50%	N/A	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	20.0 years	28.8 years	24.0 years	25.0 years	25.0 years	22.4 years	9.0 years
Number of annuitants	33	74	61	2	6	9	2
Number of active contributing members	56	162	110	3	10	25	12
Number of inactive members	26	99	38	0	10	5	13
Average age of contributing members	45.0 years	39.7 years	42.3 years	55.7 years	42.4 years	41.5 years	45.9 years
Average length of service of contributing members	10.5 years	8.6 years	12.9 years	10.4 years	7.0 years	10.6 years	12.6 years

	Big Spring	Bishop	Blanco	Blooming Grove	Blossom	Blue Mound	Blue Ridge
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$16,254,128	\$1,050,085	\$198,769	\$155,795	\$508,288	\$135,342	\$51,020
b. Noncontributing Members	4,226,254	142,740	93,736	99,783	43,407	90,394	10,478
c. Annuitants	26,922,152	977,230	303,577	108,145	130,641	157,325	27,793
2. Total Actuarial Accrued Liability	\$47,402,534	\$2,170,055	\$596,082	\$363,723	\$682,336	\$383,061	\$89,291
3. Actuarial value of assets	37,455,217	2,098,860	620,271	313,118	753,018	365,885	116,464
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$9,947,317	\$71,195	(\$24,189)	\$50,605	(\$70,682)	\$17,176	(\$27,173)
5. Funded Ratio: (3) / (2)	79.0%	96.7%	104.1%	86.1%	110.4%	95.5%	130.4%
6. Annual Payroll	\$8,591,142	\$710,360	\$501,902	\$160,381	\$163,212	\$666,818	\$185,315
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.22%	2.76%	1.64%	5.77%	5.83%	4.38%	1.21%
Prior Service	7.89%	0.99%	-0.30%	1.95%	-2.73%	0.15%	-0.92%
Total Retirement	16.11%	3.75%	1.34%	7.72%	3.10%	4.53%	0.29%
Supplemental Death	0.22%	0.29%	0.29%	0.13%	0.63%	0.11%	0.27%
Total Rate	16.33%	4.04%	1.63%	7.85%	3.73%	4.64%	0.56%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	4.14%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	7.50%	11.50%	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	22.0 years	13.0 years	25.0 years	25.8 years	25.0 years	28.6 years	25.0 years
Number of annuitants	134	14	4	1	3	5	2
Number of active contributing members	184	22	12	5	4	17	3
Number of inactive members	111	9	18	4	1	17	4
Average age of contributing members	42.0 years	48.4 years	48.0 years	42.9 years	57.4 years	40.5 years	36.3 years
Average length of service of contributing members	6.5 years	10.0 years	6.9 years	7.3 years	16.3 years	6.9 years	3.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Boerne	Bogata	Bonham	Booker	Borger	Bovina	Bowie
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$31,804,196	\$118,048	\$7,854,737	\$453,185	\$19,258,797	\$57,164	\$5,034,183
b. Noncontributing Members	1,607,456	9,094	1,671,051	29,816	2,153,673	44,032	1,875,527
c. Annuitants	<u>13,956,351</u>	<u>60,719</u>	<u>3,906,704</u>	<u>159,130</u>	<u>17,859,529</u>	<u>259,457</u>	<u>7,203,908</u>
2. Total Actuarial Accrued Liability	\$47,368,003	\$187,861	\$13,432,492	\$642,131	\$39,271,999	\$360,653	\$14,113,618
3. Actuarial value of assets	<u>32,773,321</u>	<u>271,366</u>	<u>13,128,135</u>	<u>640,058</u>	<u>31,557,222</u>	<u>416,184</u>	<u>12,332,468</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$14,594,682	(\$83,505)	\$304,357	\$2,073	\$7,714,777	(\$55,531)	\$1,781,150
5. Funded Ratio: (3) / (2)	69.2%	144.5%	97.7%	99.7%	80.4%	115.4%	87.4%
6. Annual Payroll	\$11,953,784	\$255,168	\$4,858,072	\$437,141	\$7,401,460	\$301,259	\$3,851,720
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.73%	1.76%	3.52%	5.20%	8.56%	1.04%	6.52%
Prior Service	<u>7.06%</u>	<u>-1.76%</u>	<u>0.76%</u>	<u>0.04%</u>	<u>6.56%</u>	<u>-1.04%</u>	<u>2.98%</u>
Total Retirement	17.79%	0.00%	4.28%	5.24%	15.12%	0.00%	9.50%
Supplemental Death	<u>0.16%</u>	<u>0.28%</u>	<u>0.00%</u>	<u>0.20%</u>	<u>0.22%</u>	<u>0.28%</u>	<u>0.18%</u>
Total Rate	17.95%	0.28%	4.28%	5.44%	15.34%	0.28%	9.68%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	5.25%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	10.50%	9.50%	N/A	7.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	25.0 years	10.1 years	16.1 years	25.0 years	25.0 years	24.0 years
Number of annuitants	67	2	43	3	84	6	60
Number of active contributing members	219	8	108	11	161	8	82
Number of inactive members	54	3	79	7	52	19	64
Average age of contributing members	42.8 years	50.0 years	41.9 years	45.6 years	42.4 years	36.7 years	41.8 years
Average length of service of contributing members	9.7 years	6.8 years	9.8 years	8.3 years	9.0 years	3.4 years	7.9 years

	Boyd	Brady	Brazoria	Breckenridge	Bremond	Brenham	Bridge City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$464,520	\$4,058,952	\$2,566,300	\$1,752,933	\$342,267	\$20,274,211	\$9,704,117
b. Noncontributing Members	213,556	1,660,518	284,371	617,931	110,383	3,200,093	1,341,928
c. Annuitants	<u>26,631</u>	<u>2,478,970</u>	<u>737,204</u>	<u>5,336,766</u>	<u>46,544</u>	<u>15,123,734</u>	<u>5,703,100</u>
2. Total Actuarial Accrued Liability	\$704,707	\$8,198,440	\$3,587,875	\$7,707,630	\$499,194	\$38,598,038	\$16,749,145
3. Actuarial value of assets	<u>753,842</u>	<u>6,645,248</u>	<u>3,342,915</u>	<u>6,464,838</u>	<u>332,720</u>	<u>36,360,074</u>	<u>13,828,251</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$49,135)	\$1,553,192	\$244,960	\$1,242,792	\$166,474	\$2,237,964	\$2,920,894
5. Funded Ratio: (3) / (2)	107.0%	81.1%	93.2%	83.9%	66.7%	94.2%	82.6%
6. Annual Payroll	\$661,233	\$3,296,851	\$1,124,213	\$2,222,322	\$225,295	\$10,823,953	\$3,194,182
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.60%	7.13%	5.48%	4.06%	5.02%	3.24%	9.60%
Prior Service	<u>-0.47%</u>	<u>2.90%</u>	<u>2.66%</u>	<u>3.23%</u>	<u>10.10%</u>	<u>2.63%</u>	<u>5.29%</u>
Total Retirement	3.13%	10.03%	8.14%	7.29%	15.12%	5.87%	14.89%
Supplemental Death	<u>0.00%</u>	<u>0.26%</u>	<u>0.20%</u>	<u>0.23%</u>	<u>0.28%</u>	<u>0.00%</u>	<u>0.28%</u>
Total Rate	3.13%	10.29%	8.34%	7.52%	15.40%	5.87%	15.17%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	3.01%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	12.50%	11.50%	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	26.0 years	10.0 years	29.0 years	8.7 years	9.5 years	29.0 years
Number of annuitants	2	45	13	47	2	104	38
Number of active contributing members	16	85	25	71	6	205	58
Number of inactive members	17	72	21	41	8	109	23
Average age of contributing members	41.1 years	43.5 years	47.9 years	39.3 years	44.0 years	43.6 years	47.4 years
Average length of service of contributing members	9.1 years	6.4 years	12.3 years	6.0 years	7.6 years	12.0 years	13.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Bridgeport	Bronte	Brookshire	Brownfield	Brownsville	Brownsville PUB	Brownwood
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,445,411	\$205,932	\$1,735,467	\$8,701,299	\$196,843,100	\$72,645,304	\$22,457,441
b. Noncontributing Members	1,983,939	0	1,344,153	725,698	10,107,230	7,521,130	2,565,268
c. Annuitants	<u>3,890,408</u>	<u>152,740</u>	<u>744,050</u>	<u>7,550,894</u>	<u>101,485,083</u>	<u>53,903,848</u>	<u>19,171,386</u>
2. Total Actuarial Accrued Liability	\$10,319,758	\$358,672	\$3,823,670	\$16,977,891	\$308,435,413	\$134,070,282	\$44,194,095
3. Actuarial value of assets	<u>8,200,962</u>	<u>263,617</u>	<u>4,008,070</u>	<u>15,735,822</u>	<u>249,574,819</u>	<u>115,261,980</u>	<u>36,221,196</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,118,796	\$95,055	(\$184,400)	\$1,242,069	\$58,860,594	\$18,808,302	\$7,972,899
5. Funded Ratio: (3) / (2)	79.5%	73.5%	104.8%	92.7%	80.9%	86.0%	82.0%
6. Annual Payroll	\$3,061,317	\$119,763	\$1,231,550	\$3,534,012	\$57,443,053	\$27,153,364	\$9,090,413
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.38%	1.58%	4.77%	4.70%	10.31%	7.26%	8.35%
Prior Service	<u>4.00%</u>	<u>7.42%</u>	<u>-0.94%</u>	<u>2.98%</u>	<u>7.43%</u>	<u>4.86%</u>	<u>5.66%</u>
Total Retirement	13.38%	9.00%	3.83%	7.68%	17.74%	12.12%	14.01%
Supplemental Death	<u>0.18%</u>	<u>0.16%</u>	<u>0.16%</u>	<u>0.00%</u>	<u>0.17%</u>	<u>0.17%</u>	<u>0.00%</u>
Total Rate	13.56%	9.16%	3.99%	7.68%	17.91%	12.29%	14.01%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	13.53%	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 1/2016	29.0 years	14.0 years	25.0 years	16.0 years	20.0 years	21.0 years	24.0 years
Number of annuitants	36	1	6	38	469	232	109
Number of active contributing members	59	3	36	86	1,142	562	218
Number of inactive members	68	0	36	28	200	84	69
Average age of contributing members	42.1 years	49.3 years	42.1 years	45.0 years	42.5 years	41.8 years	43.9 years
Average length of service of contributing members	7.9 years	18.3 years	7.0 years	10.6 years	11.2 years	11.0 years	9.5 years

	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	\$543,609	\$187,044	\$299,048	\$129,539,333	\$37,056	\$4,143,843	\$637,905
b. Noncontributing Members	58,337	2,473	113,576	26,643,095	25,720	617,971	176,945
c. Annuitants	<u>627,345</u>	<u>25,651</u>	<u>400,833</u>	<u>119,489,725</u>	<u>359,003</u>	<u>1,045,467</u>	<u>264,786</u>
2. Total Actuarial Accrued Liability	\$1,229,291	\$215,168	\$813,457	\$275,672,153	\$421,779	\$5,807,281	\$1,079,636
3. Actuarial value of assets	<u>1,095,098</u>	<u>269,770</u>	<u>874,378</u>	<u>226,876,818</u>	<u>558,275</u>	<u>4,566,878</u>	<u>1,115,382</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$134,193	(\$54,602)	(\$60,921)	\$48,795,335	(\$136,496)	\$1,240,403	(\$35,746)
5. Funded Ratio: (3) / (2)	89.1%	125.4%	107.5%	82.3%	132.4%	78.6%	103.3%
6. Annual Payroll	\$418,843	\$160,278	\$465,711	\$49,197,009	\$88,607	\$3,253,436	\$551,347
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.84%	5.19%	5.29%	8.64%	1.83%	11.46%	4.47%
Prior Service	<u>1.91%</u>	<u>-2.14%</u>	<u>-0.82%</u>	<u>6.40%</u>	<u>-1.83%</u>	<u>2.20%</u>	<u>-0.41%</u>
Total Retirement	9.75%	3.05%	4.47%	15.04%	0.00%	13.66%	4.06%
Supplemental Death	<u>0.00%</u>	<u>0.00%</u>	<u>0.18%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.15%</u>	<u>0.34%</u>
Total Rate	9.75%	3.05%	4.65%	15.04%	0.00%	13.81%	4.40%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	9.35%	N/A	3.84%	N/A	N/A	11.67%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	11.50%	N/A	9.50%	13.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	27.4 years	25.0 years	25.0 years	24.0 years	25.0 years	29.1 years	25.0 years
Number of annuitants	8	1	7	515	1	11	3
Number of active contributing members	12	9	13	824	3	70	16
Number of inactive members	4	3	7	388	3	24	11
Average age of contributing members	47.7 years	59.8 years	42.5 years	41.1 years	36.2 years	41.1 years	52.0 years
Average length of service of contributing members	8.6 years	5.6 years	4.7 years	10.7 years	4.6 years	6.6 years	9.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Bullard	Bulverde	Bunker Hill Village	Burkburnett	Burleson	Burnet	Cactus
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$959,141	\$1,018,558	\$1,156,150	\$5,330,723	\$47,373,522	\$9,522,042	\$236,382
b. Noncontributing Members	232,681	399,430	98,378	1,621,136	8,092,657	2,211,049	160,066
c. Annuitants	<u>21,327</u>	<u>311,156</u>	<u>1,261,720</u>	<u>5,945,190</u>	<u>19,847,959</u>	<u>8,165,628</u>	<u>587,371</u>
2. Total Actuarial Accrued Liability	\$1,213,149	\$1,729,144	\$2,516,248	\$12,897,049	\$75,314,138	\$19,898,719	\$983,819
3. Actuarial value of assets	<u>988,589</u>	<u>1,530,418</u>	<u>2,556,294</u>	<u>11,249,146</u>	<u>58,232,624</u>	<u>16,496,283</u>	<u>1,028,581</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$224,560	\$198,726	(\$40,046)	\$1,647,903	\$17,081,514	\$3,402,436	(\$44,762)
5. Funded Ratio: (3) / (2)	81.5%	88.5%	101.6%	87.2%	77.3%	82.9%	104.5%
6. Annual Payroll	\$906,541	\$1,170,485	\$565,598	\$2,757,305	\$19,063,451	\$5,414,990	\$891,221
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.51%	7.26%	10.23%	6.51%	9.92%	8.67%	2.56%
Prior Service	<u>1.45%</u>	<u>0.98%</u>	<u>-0.45%</u>	<u>3.52%</u>	<u>5.18%</u>	<u>3.63%</u>	<u>-0.32%</u>
Total Retirement	6.96%	8.24%	9.78%	10.03%	15.10%	12.30%	2.24%
Supplemental Death	<u>0.25%</u>	<u>0.11%</u>	<u>0.19%</u>	<u>0.21%</u>	<u>0.13%</u>	<u>0.16%</u>	<u>0.16%</u>
Total Rate	7.21%	8.35%	9.97%	10.24%	15.23%	12.46%	2.40%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	6.68%	7.50%	9.82%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	13.50%	10.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.4 years	29.1 years	25.0 years	28.0 years	29.0 years	29.0 years	25.0 years
Number of annuitants	1	6	6	45	90	50	9
Number of active contributing members	22	22	7	70	312	109	23
Number of inactive members	15	9	3	32	128	54	36
Average age of contributing members	42.6 years	41.1 years	50.3 years	43.4 years	42.1 years	42.8 years	35.5 years
Average length of service of contributing members	9.9 years	8.5 years	17.5 years	9.9 years	10.7 years	9.4 years	4.2 years

	Caddo Mills	Caldwell	Calvert	Cameron	Canadian	Canton	Canyon
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$208,103	\$5,123,441	\$80,293	\$1,744,598	\$1,844,176	\$5,275,384	\$12,403,948
b. Noncontributing Members	55,082	1,238,981	106,813	915,241	592,453	941,025	2,785,987
c. Annuitants	<u>48,602</u>	<u>2,897,049</u>	<u>10,871</u>	<u>2,027,623</u>	<u>1,275,978</u>	<u>2,067,330</u>	<u>10,313,701</u>
2. Total Actuarial Accrued Liability	\$311,787	\$9,259,471	\$197,977	\$4,687,462	\$3,712,607	\$8,283,739	\$25,503,636
3. Actuarial value of assets	<u>286,743</u>	<u>8,706,221</u>	<u>257,395</u>	<u>3,481,486</u>	<u>2,665,657</u>	<u>6,801,101</u>	<u>21,288,499</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$25,044	\$553,250	(\$59,418)	\$1,205,976	\$1,046,950	\$1,482,638	\$4,215,137
5. Funded Ratio: (3) / (2)	92.0%	94.0%	130.0%	74.3%	71.8%	82.1%	83.5%
6. Annual Payroll	\$524,961	\$1,981,219	\$350,360	\$1,532,406	\$857,281	\$2,473,096	\$4,143,469
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.98%	5.62%	1.76%	5.17%	7.89%	7.48%	10.04%
Prior Service	<u>0.28%</u>	<u>3.15%</u>	<u>-1.07%</u>	<u>4.95%</u>	<u>7.06%</u>	<u>3.77%</u>	<u>6.93%</u>
Total Retirement	3.26%	8.77%	0.69%	10.12%	14.95%	11.25%	16.97%
Supplemental Death	<u>0.14%</u>	<u>0.37%</u>	<u>0.25%</u>	<u>0.26%</u>	<u>0.13%</u>	<u>0.25%</u>	<u>0.18%</u>
Total Rate	3.40%	9.14%	0.94%	10.38%	15.08%	11.50%	17.15%
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 1/2016	28.2 years	11.0 years	25.0 years	25.0 years	29.0 years	25.0 years	22.0 years
Number of annuitants	1	24	1	25	9	27	35
Number of active contributing members	13	56	11	42	20	64	82
Number of inactive members	9	29	19	26	8	32	34
Average age of contributing members	45.6 years	49.2 years	47.0 years	42.7 years	37.2 years	44.4 years	44.2 years
Average length of service of contributing members	6.5 years	11.9 years	3.7 years	9.2 years	7.5 years	8.8 years	10.5 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Carmine	Carrizo Springs	Carrollton	Carthage	Castle Hills	Castroville	Cedar Hill
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$86,842	\$995,792	\$146,982,971	\$13,429,288	\$6,865,670	\$923,652	\$48,355,191
b. Noncontributing Members	41,890	163,036	55,491,995	1,539,158	1,084,091	1,018,237	7,038,618
c. Annuitants	<u>1,019</u>	<u>3,242,549</u>	<u>154,227,703</u>	<u>14,124,623</u>	<u>7,392,055</u>	<u>2,813,443</u>	<u>25,815,502</u>
2. Total Actuarial Accrued Liability	\$129,751	\$4,401,377	\$356,702,669	\$29,093,069	\$15,341,816	\$4,755,332	\$81,209,311
3. Actuarial value of assets	<u>135,024</u>	<u>4,242,709</u>	<u>334,260,620</u>	<u>23,116,736</u>	<u>13,130,857</u>	<u>4,177,111</u>	<u>69,687,093</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$5,273)	\$158,668	\$22,442,049	\$5,976,333	\$2,210,959	\$578,221	\$11,522,218
5. Funded Ratio: (3) / (2)	104.1%	96.4%	93.7%	79.5%	85.6%	87.8%	85.8%
6. Annual Payroll	\$28,116	\$1,447,099	\$50,826,456	\$4,157,482	\$3,086,796	\$1,595,571	\$19,759,581
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.89%	4.39%	7.56%	8.57%	7.61%	6.97%	9.01%
Prior Service	<u>-1.18%</u>	<u>0.63%</u>	<u>3.92%</u>	<u>10.09%</u>	<u>4.51%</u>	<u>2.10%</u>	<u>3.59%</u>
Total Retirement	1.71%	5.02%	11.48%	18.66%	12.12%	9.07%	12.60%
Supplemental Death	<u>0.11%</u>	<u>0.24%</u>	<u>0.00%</u>	<u>0.25%</u>	<u>0.18%</u>	<u>0.31%</u>	<u>0.15%</u>
Total Rate	1.82%	5.26%	11.48%	18.91%	12.30%	9.38%	12.75%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	8.91%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	9.50%	N/A	N/A	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	29.3 years	15.0 years	21.0 years	25.0 years	28.9 years	26.0 years
Number of annuitants	1	23	519	55	44	28	126
Number of active contributing members	1	49	781	77	61	36	324
Number of inactive members	2	17	524	39	29	39	135
Average age of contributing members	45.8 years	44.4 years	42.7 years	43.9 years	41.7 years	46.8 years	42.3 years
Average length of service of contributing members	23.3 years	5.0 years	11.7 years	10.2 years	10.7 years	7.0 years	10.8 years

	Cedar Park	Celeste	Celina	Center	Centerville	Chandler	Charlotte
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$40,645,655	\$11,930	\$2,181,778	\$7,147,937	\$748,086	\$558,425	\$373,408
b. Noncontributing Members	6,382,007	34,852	952,463	660,710	110	54,708	76,864
c. Annuitants	<u>9,663,732</u>	<u>38,991</u>	<u>160,986</u>	<u>4,489,131</u>	<u>0</u>	<u>87,590</u>	<u>76,580</u>
2. Total Actuarial Accrued Liability	\$56,691,394	\$85,773	\$3,295,227	\$12,297,778	\$748,196	\$700,723	\$526,852
3. Actuarial value of assets	<u>47,986,845</u>	<u>27,151</u>	<u>3,658,881</u>	<u>9,010,211</u>	<u>551,742</u>	<u>437,368</u>	<u>467,275</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$8,704,549	\$58,622	(\$363,654)	\$3,287,567	\$196,454	\$263,355	\$59,577
5. Funded Ratio: (3) / (2)	84.6%	31.7%	111.0%	73.3%	73.7%	62.4%	88.7%
6. Annual Payroll	\$22,859,869	\$57,142	\$3,118,918	\$2,827,412	\$224,752	\$773,777	\$250,500
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.13%	1.33%	5.92%	9.28%	4.30%	1.84%	4.05%
Prior Service	<u>2.22%</u>	<u>7.70%</u>	<u>-0.73%</u>	<u>7.32%</u>	<u>12.14%</u>	<u>2.88%</u>	<u>2.24%</u>
Total Retirement	9.35%	9.03%	5.19%	16.60%	16.44%	4.72%	6.29%
Supplemental Death	<u>0.11%</u>	<u>0.12%</u>	<u>0.13%</u>	<u>0.18%</u>	<u>0.00%</u>	<u>0.24%</u>	<u>0.13%</u>
Total Rate	9.46%	9.15%	5.32%	16.78%	16.44%	4.96%	6.42%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	4.80%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	13.50%	N/A	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.6 years	19.0 years	25.0 years	25.0 years	8.6 years	16.0 years	13.9 years
Number of annuitants	86	1	2	39	0	2	1
Number of active contributing members	395	2	58	68	6	23	8
Number of inactive members	178	7	29	14	1	7	6
Average age of contributing members	40.4 years	38.0 years	40.8 years	43.0 years	45.3 years	52.5 years	47.7 years
Average length of service of contributing members	9.6 years	2.8 years	7.1 years	10.3 years	15.3 years	7.9 years	10.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Chester	Chico	Childress	Chireno	Christine	Cibolo	Cisco
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$231,084	\$211,857	\$3,344,996	\$602,019	\$9,655	\$5,032,410	\$1,267,786
b. Noncontributing Members	163,561	11,792	210,382	315,216	84	1,374,328	176,203
c. Annuitants	<u>0</u>	<u>105,542</u>	<u>4,227,205</u>	<u>677,316</u>	<u>17,823</u>	<u>1,378,834</u>	<u>1,139,227</u>
2. Total Actuarial Accrued Liability	\$394,645	\$329,191	\$7,782,583	\$1,594,551	\$27,562	\$7,785,572	\$2,583,216
3. Actuarial value of assets	<u>421,614</u>	<u>295,684</u>	<u>5,826,216</u>	<u>1,159,514</u>	<u>38,532</u>	<u>6,387,369</u>	<u>2,904,802</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$26,969)	\$33,507	\$1,956,367	\$435,037	(\$10,970)	\$1,398,203	(\$321,586)
5. Funded Ratio: (3) / (2)	106.8%	89.8%	74.9%	72.7%	139.8%	82.0%	112.4%
6. Annual Payroll	\$29,740	\$273,100	\$1,810,532	\$268,079	\$27,172	\$5,163,022	\$1,023,407
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.26%	2.03%	8.47%	8.80%	0.41%	10.47%	4.24%
Prior Service	<u>-5.71%</u>	<u>1.23%</u>	<u>6.24%</u>	<u>9.98%</u>	<u>-0.41%</u>	<u>1.57%</u>	<u>-1.98%</u>
Total Retirement	0.55%	3.26%	14.71%	18.78%	0.00%	12.04%	2.26%
Supplemental Death	<u>0.81%</u>	<u>0.39%</u>	<u>0.23%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.13%</u>	<u>0.20%</u>
Total Rate	1.36%	3.65%	14.94%	18.98%	0.00%	12.17%	2.46%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	10.79%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	N/A	13.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	12.8 years	29.1 years	26.0 years	25.0 years	28.9 years	25.0 years
Number of annuitants	0	3	31	3	2	19	14
Number of active contributing members	2	7	64	6	1	108	33
Number of inactive members	2	3	24	1	1	60	28
Average age of contributing members	67.8 years	57.5 years	44.0 years	44.4 years	31.9 years	39.1 years	40.8 years
Average length of service of contributing members	25.1 years	10.8 years	6.6 years	9.5 years	5.3 years	7.5 years	7.0 years

	Clarendon	Clarksville	Clarksville City	Clear Lake Shores	Cleburne	Cleveland	Clifton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$308,353	\$1,659,847	\$1,052,619	\$738,431	\$36,565,126	\$3,642,358	\$834,219
b. Noncontributing Members	75,622	599,277	82,446	132,519	4,817,637	1,453,849	348,487
c. Annuitants	<u>160,021</u>	<u>262,645</u>	<u>100,188</u>	<u>463,596</u>	<u>41,183,431</u>	<u>4,897,744</u>	<u>563,422</u>
2. Total Actuarial Accrued Liability	\$543,996	\$2,521,769	\$1,235,253	\$1,334,546	\$82,566,194	\$9,993,951	\$1,746,128
3. Actuarial value of assets	<u>667,379</u>	<u>2,871,658</u>	<u>1,368,600</u>	<u>1,068,627</u>	<u>62,004,341</u>	<u>8,074,122</u>	<u>1,896,087</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$123,383)	(\$349,889)	(\$133,347)	\$265,919	\$20,561,853	\$1,919,829	(\$149,959)
5. Funded Ratio: (3) / (2)	122.7%	113.9%	110.8%	80.1%	75.1%	80.8%	108.6%
6. Annual Payroll	\$408,551	\$945,100	\$201,685	\$674,600	\$14,606,440	\$2,994,536	\$1,007,402
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.59%	5.96%	3.92%	8.42%	9.12%	5.82%	1.67%
Prior Service	<u>-1.59%</u>	<u>-2.33%</u>	<u>-2.96%</u>	<u>2.34%</u>	<u>9.08%</u>	<u>4.04%</u>	<u>-0.94%</u>
Total Retirement	0.00%	3.63%	0.96%	10.76%	18.20%	9.86%	0.73%
Supplemental Death	<u>0.30%</u>	<u>0.23%</u>	<u>0.34%</u>	<u>0.16%</u>	<u>0.20%</u>	<u>0.27%</u>	<u>0.28%</u>
Total Rate	0.30%	3.86%	1.30%	10.92%	18.40%	10.13%	1.01%
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)	7.50%	11.50%	N/A	12.50%	N/A	11.50%	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	25.0 years	27.7 years	24.0 years	25.0 years	25.0 years
Number of annuitants	6	8	3	4	170	45	13
Number of active contributing members	14	30	4	15	281	72	24
Number of inactive members	11	25	4	11	83	61	20
Average age of contributing members	52.8 years	44.9 years	39.8 years	40.2 years	44.5 years	40.9 years	46.4 years
Average length of service of contributing members	8.0 years	8.6 years	12.1 years	8.2 years	10.0 years	7.4 years	8.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Clute	Clyde	Coahoma	Cockrell Hill	Coleman	College Station	Colleyville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,210,185	\$2,181,591	\$181,828	\$1,503,605	\$6,960,697	\$118,184,695	\$21,226,911
b. Noncontributing Members	2,476,261	330,338	108,961	718,160	1,575,513	27,287,394	5,677,099
c. Annuitants	<u>7,462,385</u>	<u>845,440</u>	<u>344,340</u>	<u>1,088,103</u>	<u>4,755,182</u>	<u>88,198,808</u>	<u>18,088,603</u>
2. Total Actuarial Accrued Liability	\$18,148,831	\$3,357,369	\$635,129	\$3,309,868	\$13,291,392	\$233,670,897	\$44,992,613
3. Actuarial value of assets	<u>17,236,511</u>	<u>2,696,428</u>	<u>677,917</u>	<u>3,484,476</u>	<u>10,393,424</u>	<u>202,844,913</u>	<u>46,766,941</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$912,320	\$660,941	(\$42,788)	(\$174,608)	\$2,897,968	\$30,825,984	(\$1,774,328)
5. Funded Ratio: (3) / (2)	95.0%	80.3%	106.7%	105.3%	78.2%	86.8%	103.9%
6. Annual Payroll	\$3,929,964	\$1,080,834	\$217,784	\$1,295,511	\$2,324,596	\$45,859,321	\$11,469,247
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.59%	9.32%	5.83%	8.81%	8.02%	8.33%	8.49%
Prior Service	<u>1.37%</u>	<u>3.54%</u>	<u>-1.24%</u>	<u>-0.85%</u>	<u>9.71%</u>	<u>4.45%</u>	<u>-0.91%</u>
Total Retirement	9.96%	12.86%	4.59%	7.96%	17.73%	12.78%	7.58%
Supplemental Death	<u>0.19%</u>	<u>0.19%</u>	<u>0.29%</u>	<u>0.14%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.15%</u>
Total Rate	10.15%	13.05%	4.88%	8.10%	17.73%	12.78%	7.73%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	7.00%	N/A	N/A	7.52%
Statutory Maximum Rate (Total Retirement Only)	13.50%	13.50%	11.50%	13.50%	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	27.9 years	28.9 years	25.0 years	25.0 years	18.0 years	23.0 years	25.0 years
Number of annuitants	48	10	4	12	43	362	99
Number of active contributing members	87	30	5	32	64	805	180
Number of inactive members	62	19	3	30	32	441	108
Average age of contributing members	42.3 years	42.4 years	48.9 years	40.2 years	47.2 years	40.3 years	42.1 years
Average length of service of contributing members	8.1 years	9.3 years	5.9 years	9.1 years	11.0 years	10.7 years	11.4 years

	Collinsville	Colmesneil	Colorado City	Columbus	Comanche	Commerce	Conroe
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$118,491	\$182,826	\$2,353,159	\$3,194,740	\$1,535,428	\$3,839,943	\$64,910,724
b. Noncontributing Members	1,560	0	705,612	1,080,435	87,109	1,705,188	8,832,400
c. Annuitants	<u>133,448</u>	<u>0</u>	<u>1,858,375</u>	<u>2,649,821</u>	<u>1,359,185</u>	<u>4,279,605</u>	<u>37,804,561</u>
2. Total Actuarial Accrued Liability	\$253,499	\$182,826	\$4,917,146	\$6,924,996	\$2,981,722	\$9,824,736	\$111,547,685
3. Actuarial value of assets	<u>301,056</u>	<u>145,000</u>	<u>4,723,580</u>	<u>5,777,964</u>	<u>2,657,903</u>	<u>8,772,696</u>	<u>87,731,876</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$47,557)	\$37,826	\$193,566	\$1,147,032	\$323,819	\$1,052,040	\$23,815,809
5. Funded Ratio: (3) / (2)	118.8%	79.3%	96.1%	83.4%	89.1%	89.3%	78.6%
6. Annual Payroll	\$251,737	\$122,323	\$1,532,863	\$1,692,383	\$1,034,770	\$2,898,087	\$23,638,855
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.85%	2.74%	7.45%	8.24%	2.91%	6.15%	9.20%
Prior Service	<u>-1.19%</u>	<u>3.96%</u>	<u>0.73%</u>	<u>4.91%</u>	<u>2.07%</u>	<u>2.23%</u>	<u>6.86%</u>
Total Retirement	0.66%	6.70%	8.18%	13.15%	4.98%	8.38%	16.06%
Supplemental Death	<u>0.23%</u>	<u>0.08%</u>	<u>0.30%</u>	<u>0.19%</u>	<u>0.04%</u>	<u>0.24%</u>	<u>0.00%</u>
Total Rate	0.89%	6.78%	8.48%	13.34%	5.28%	8.62%	16.06%
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)	8.50%	N/A	12.50%	N/A	7.50%	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	9.4 years	29.0 years	20.0 years	23.1 years	26.1 years	22.0 years
Number of annuitants	3	0	23	21	18	50	148
Number of active contributing members	7	3	43	37	29	82	392
Number of inactive members	2	0	41	27	10	75	127
Average age of contributing members	47.0 years	37.0 years	47.0 years	44.3 years	44.7 years	42.9 years	41.6 years
Average length of service of contributing members	7.3 years	13.3 years	7.2 years	10.1 years	10.5 years	7.4 years	10.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Converse	Cooper	Coppell	Copper Canyon	Copperas Cove	Corinth	Corpus Christi
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$13,747,362	\$893,005	\$81,120,288	\$155,854	\$23,064,361	\$20,275,155	\$253,253,413
b. Noncontributing Members	3,494,668	16,503	10,913,344	83,481	7,116,857	2,948,173	36,195,823
c. Annuitants	<u>5,835,398</u>	<u>379,159</u>	<u>31,156,954</u>	<u>38,770</u>	<u>21,984,687</u>	<u>7,268,391</u>	<u>378,790,069</u>
2. Total Actuarial Accrued Liability	\$23,077,428	\$1,288,667	\$123,190,586	\$278,105	\$52,165,905	\$30,491,719	\$668,239,305
3. Actuarial value of assets	<u>18,066,446</u>	<u>1,216,255</u>	<u>105,850,568</u>	<u>250,745</u>	<u>43,654,692</u>	<u>23,407,353</u>	<u>607,981,636</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$5,010,982	\$72,412	\$17,340,018	\$27,360	\$8,511,213	\$7,084,366	\$60,257,669
5. Funded Ratio: (3) / (2)	78.3%	94.4%	85.9%	90.2%	83.7%	76.8%	91.0%
6. Annual Payroll	\$6,209,017	\$419,163	\$26,259,298	\$165,914	\$11,276,912	\$8,968,798	\$116,520,813
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.16%	2.74%	10.95%	10.96%	7.95%	10.45%	3.98%
Prior Service	<u>4.67%</u>	<u>2.54%</u>	<u>4.16%</u>	<u>1.53%</u>	<u>4.36%</u>	<u>4.57%</u>	<u>5.60%</u>
Total Retirement	13.83%	5.28%	15.11%	12.49%	12.31%	15.02%	9.58%
Supplemental Death	<u>0.13%</u>	<u>0.31%</u>	<u>0.14%</u>	<u>0.55%</u>	<u>0.21%</u>	<u>0.12%</u>	<u>0.00%</u>
Total Rate	13.96%	5.59%	15.25%	13.04%	12.52%	15.14%	9.58%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	9.35%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	8.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	8.0 years	25.0 years	14.1 years	29.0 years	29.0 years	11.6 years
Number of annuitants	42	4	156	1	196	55	2,013
Number of active contributing members	145	13	376	3	246	146	2,245
Number of inactive members	118	1	154	4	180	75	776
Average age of contributing members	40.1 years	50.8 years	43.9 years	62.5 years	42.0 years	41.3 years	45.0 years
Average length of service of contributing members	8.7 years	13.1 years	12.8 years	16.6 years	11.6 years	11.7 years	11.6 years

	Corrigan	Corsicana	Cotulla	Crandall	Crane	Crawford	Crockett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$390,743	\$24,071,849	\$976,222	\$1,305,186	\$2,473,253	\$96,772	\$4,142,657
b. Noncontributing Members	196,337	3,578,211	43,047	538,597	141,468	0	1,195,370
c. Annuitants	<u>649,873</u>	<u>20,472,471</u>	<u>714,423</u>	<u>531,467</u>	<u>3,712,383</u>	<u>0</u>	<u>4,407,361</u>
2. Total Actuarial Accrued Liability	\$1,236,953	\$48,122,531	\$1,733,692	\$2,375,250	\$6,327,104	\$96,772	\$9,745,388
3. Actuarial value of assets	<u>1,255,769</u>	<u>40,026,887</u>	<u>1,386,472</u>	<u>2,433,370</u>	<u>5,883,027</u>	<u>116,004</u>	<u>8,977,923</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$18,816)	\$8,095,644	\$347,220	(\$58,120)	\$444,077	(\$19,232)	\$767,465
5. Funded Ratio: (3) / (2)	101.5%	83.2%	80.0%	102.4%	93.0%	119.9%	92.1%
6. Annual Payroll	\$819,981	\$8,711,954	\$1,240,768	\$1,157,830	\$1,227,478	\$178,619	\$2,543,768
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.00%	7.26%	4.19%	11.27%	8.21%	0.88%	6.11%
Prior Service	<u>-0.14%</u>	<u>6.74%</u>	<u>1.65%</u>	<u>-0.32%</u>	<u>2.09%</u>	<u>-0.68%</u>	<u>2.00%</u>
Total Retirement	0.86%	14.00%	5.84%	10.95%	10.30%	0.20%	8.11%
Supplemental Death	<u>0.22%</u>	<u>0.24%</u>	<u>0.24%</u>	<u>0.16%</u>	<u>0.18%</u>	<u>0.00%</u>	<u>0.30%</u>
Total Rate	1.08%	14.24%	6.08%	11.11%	10.48%	0.20%	8.41%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	9.94%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	11.50%	13.50%	15.50%	7.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	20.0 years	28.0 years	25.0 years	29.0 years	25.0 years	23.0 years
Number of annuitants	12	137	16	9	18	0	43
Number of active contributing members	25	170	41	25	24	5	71
Number of inactive members	25	75	59	26	2	0	29
Average age of contributing members	41.0 years	44.9 years	43.9 years	41.2 years	44.0 years	36.6 years	44.6 years
Average length of service of contributing members	5.5 years	12.5 years	3.8 years	7.2 years	10.0 years	6.1 years	9.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Crosbyton	Cross Plains	Cross Roads	Crowley	Crystal City	Cuero	Cumby
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$294,961	\$570,232	\$41,805	\$9,473,936	\$828,474	\$5,807,549	\$142,652
b. Noncontributing Members	274,181	244,052	0	1,571,776	649,386	1,101,616	43,511
c. Annuitants	<u>945,685</u>	<u>97,864</u>	<u>34,492</u>	<u>3,520,206</u>	<u>1,307,781</u>	<u>4,924,984</u>	<u>70,211</u>
2. Total Actuarial Accrued Liability	\$1,514,827	\$912,148	\$76,297	\$14,565,918	\$2,785,641	\$11,834,149	\$256,374
3. Actuarial value of assets	<u>1,547,045</u>	<u>845,485</u>	<u>50,072</u>	<u>12,537,176</u>	<u>3,525,621</u>	<u>9,186,416</u>	<u>198,796</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$32,218)	\$66,663	\$26,225	\$2,028,742	(\$739,980)	\$2,647,733	\$57,578
5. Funded Ratio: (3) / (2)	102.1%	92.7%	65.6%	86.1%	126.6%	77.6%	77.5%
6. Annual Payroll	\$357,261	\$342,822	\$252,749	\$5,175,816	\$1,496,847	\$4,753,375	\$390,667
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.88%	5.20%	6.59%	7.99%	3.40%	6.77%	1.51%
Prior Service	<u>-0.57%</u>	<u>2.37%</u>	<u>0.60%</u>	<u>2.27%</u>	<u>-3.11%</u>	<u>3.22%</u>	<u>0.85%</u>
Total Retirement	4.31%	7.57%	7.19%	10.26%	0.29%	9.99%	2.36%
Supplemental Death	<u>0.50%</u>	<u>0.45%</u>	<u>0.05%</u>	<u>0.13%</u>	<u>0.00%</u>	<u>0.21%</u>	<u>0.15%</u>
Total Rate	4.81%	8.02%	7.24%	10.39%	0.29%	10.20%	2.51%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	4.60%	N/A	7.20%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	10.50%	9.50%	N/A	12.50%	13.50%	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	10.0 years	29.0 years	28.9 years	25.0 years	29.0 years	29.1 years
Number of annuitants	13	1	1	40	19	47	2
Number of active contributing members	11	8	3	106	60	105	11
Number of inactive members	10	8	0	62	71	41	7
Average age of contributing members	46.0 years	49.9 years	37.5 years	41.7 years	41.8 years	43.3 years	43.0 years
Average length of service of contributing members	5.8 years	9.1 years	7.8 years	10.0 years	4.2 years	8.9 years	6.3 years

	Daingerfield	Daisetta	Dalhart	Dalworthington Gardens	Danbury	Darrrouzett	Dayton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$961,638	\$106,812	\$3,058,677	\$5,534,138	\$324,045	\$19,873	\$3,577,974
b. Noncontributing Members	518,905	33,268	952,643	561,692	16,025	174,762	688,963
c. Annuitants	<u>811,496</u>	<u>6,692</u>	<u>3,047,474</u>	<u>1,216,549</u>	<u>5,174</u>	<u>0</u>	<u>1,805,829</u>
2. Total Actuarial Accrued Liability	\$2,292,039	\$146,772	\$7,058,794	\$7,312,379	\$345,244	\$194,635	\$6,072,766
3. Actuarial value of assets	<u>2,040,592</u>	<u>187,613</u>	<u>7,139,652</u>	<u>4,467,606</u>	<u>249,514</u>	<u>195,652</u>	<u>5,400,861</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$251,447	(\$40,841)	(\$80,858)	\$2,844,773	\$95,730	(\$1,017)	\$671,905
5. Funded Ratio: (3) / (2)	89.0%	127.8%	101.1%	61.1%	72.3%	100.5%	88.9%
6. Annual Payroll	\$770,267	\$264,346	\$2,335,766	\$1,609,332	\$353,428	\$102,213	\$3,220,306
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.61%	1.92%	3.87%	10.55%	3.87%	1.44%	5.04%
Prior Service	<u>2.01%</u>	<u>-0.97%</u>	<u>-0.22%</u>	<u>11.40%</u>	<u>1.85%</u>	<u>-0.06%</u>	<u>1.21%</u>
Total Retirement	6.62%	0.95%	3.65%	21.95%	5.72%	1.38%	6.25%
Supplemental Death	<u>0.00%</u>	<u>0.29%</u>	<u>0.21%</u>	<u>0.16%</u>	<u>0.13%</u>	<u>0.04%</u>	<u>0.20%</u>
Total Rate	6.62%	1.24%	3.86%	22.11%	5.85%	1.42%	6.45%
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)	9.50%	N/A	11.50%	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.9 years	25.0 years	25.0 years	24.0 years	21.9 years	25.0 years	28.8 years
Number of annuitants	11	1	26	5	1	0	34
Number of active contributing members	18	9	59	27	10	3	81
Number of inactive members	9	7	64	19	7	3	46
Average age of contributing members	43.3 years	53.0 years	40.2 years	42.0 years	46.0 years	37.3 years	44.5 years
Average length of service of contributing members	8.6 years	5.3 years	7.9 years	11.3 years	7.0 years	2.2 years	7.6 years

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	De Leon	DeSoto	Decatur	Deer Park	Dekalb	Del Rio	Dell City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$180,323	\$49,883,371	\$14,231,378	\$49,208,793	\$282,281	\$16,235,057	\$141,182
b. Noncontributing Members	28,104	12,188,104	1,724,737	4,834,929	142,738	1,837,005	0
c. Annuitants	<u>332,559</u>	<u>38,409,278</u>	<u>3,791,496</u>	<u>57,926,284</u>	<u>149,501</u>	<u>5,543,589</u>	<u>223,048</u>
2. Total Actuarial Accrued Liability	\$540,986	\$100,480,753	\$19,747,611	\$111,970,006	\$574,520	\$23,615,651	\$364,230
3. Actuarial value of assets	<u>509,392</u>	<u>94,580,639</u>	<u>15,154,903</u>	<u>101,325,623</u>	<u>682,631</u>	<u>15,922,221</u>	<u>346,094</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$31,594	\$5,900,114	\$4,592,708	\$10,644,383	(\$108,111)	\$7,693,430	\$18,136
5. Funded Ratio: (3) / (2)	94.2%	94.1%	76.7%	90.5%	118.8%	67.4%	95.0%
6. Annual Payroll	\$467,515	\$21,431,628	\$5,900,726	\$17,529,039	\$506,281	\$17,468,492	\$78,324
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	0.86%	8.69%	10.52%	10.09%	2.62%	0.92%	4.92%
Prior Service	<u>0.39%</u>	<u>1.69%</u>	<u>4.50%</u>	<u>3.73%</u>	<u>-1.34%</u>	<u>3.19%</u>	<u>1.69%</u>
Total Retirement	1.25%	10.38%	15.02%	13.82%	1.28%	4.11%	6.61%
Supplemental Death	<u>0.17%</u>	<u>0.15%</u>	<u>0.19%</u>	<u>0.17%</u>	<u>0.23%</u>	<u>0.18%</u>	<u>0.16%</u>
Total Rate	1.42%	10.53%	15.21%	13.99%	1.51%	4.29%	6.77%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	5.24%
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	N/A	N/A	8.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.1 years	26.1 years	29.0 years	26.1 years	25.0 years	20.0 years	19.8 years
Number of annuitants	7	178	34	188	7	70	1
Number of active contributing members	14	322	115	283	16	462	2
Number of inactive members	10	182	54	102	9	145	0
Average age of contributing members	37.6 years	42.9 years	45.8 years	40.5 years	47.1 years	43.0 years	43.0 years
Average length of service of contributing members	4.2 years	11.7 years	11.4 years	11.3 years	5.8 years	8.9 years	10.7 years

	Denison	Denton	Denver City	Deport	Devine	Diboll	Dickens
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$28,053,524	\$231,083,891	\$3,074,433	\$20,216	\$2,616,995	\$3,784,213	\$23,772
b. Noncontributing Members	3,219,134	33,342,129	929,961	0	106,978	1,341,436	0
c. Annuitants	<u>25,875,538</u>	<u>119,982,018</u>	<u>4,330,931</u>	<u>74,772</u>	<u>382,267</u>	<u>4,371,848</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$57,148,196	\$384,408,038	\$8,335,325	\$94,988	\$3,106,240	\$9,497,497	\$23,772
3. Actuarial value of assets	<u>51,977,132</u>	<u>305,689,300</u>	<u>7,700,989</u>	<u>74,925</u>	<u>2,072,276</u>	<u>7,992,235</u>	<u>33,716</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$5,171,064	\$78,718,738	\$634,336	\$20,063	\$1,033,964	\$1,505,262	(\$9,944)
5. Funded Ratio: (3) / (2)	91.0%	79.5%	92.4%	78.9%	66.7%	84.2%	141.8%
6. Annual Payroll	\$10,289,527	\$73,484,801	\$1,262,341	\$42,641	\$1,458,681	\$1,924,629	\$59,456
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.72%	9.46%	5.92%	1.59%	3.07%	9.02%	1.79%
Prior Service	<u>4.08%</u>	<u>7.77%</u>	<u>5.67%</u>	<u>5.31%</u>	<u>5.14%</u>	<u>4.52%</u>	<u>-1.05%</u>
Total Retirement	11.80%	17.23%	11.59%	6.90%	8.21%	13.54%	0.74%
Supplemental Death	<u>0.00%</u>	<u>0.18%</u>	<u>0.24%</u>	<u>0.18%</u>	<u>0.20%</u>	<u>0.22%</u>	<u>0.07%</u>
Total Rate	11.80%	17.41%	11.83%	7.08%	8.41%	13.76%	0.81%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	13.20%	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 1/2016	17.0 years	20.0 years	11.0 years	11.0 years	20.0 years	29.0 years	25.0 years
Number of annuitants	129	470	18	2	7	29	0
Number of active contributing members	214	1,156	27	1	38	45	2
Number of inactive members	81	382	24	0	11	33	0
Average age of contributing members	45.3 years	43.9 years	44.7 years	49.4 years	46.4 years	41.7 years	42.5 years
Average length of service of contributing members	11.8 years	11.9 years	10.3 years	6.3 years	12.2 years	10.3 years	3.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Dickinson	Dilley	Dimmitt	Donna	Double Oak	Dripping Springs	Driscoll
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$9,941,918	\$965,297	\$1,910,751	\$3,604,755	\$379,612	\$316,770	\$10,280
b. Noncontributing Members	1,447,164	33,056	383,953	726,408	38,074	17,089	34,999
c. Annuitants	<u>1,864,623</u>	<u>812,649</u>	<u>1,740,026</u>	<u>978,515</u>	<u>25,233</u>	<u>0</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$13,253,705	\$1,811,002	\$4,034,730	\$5,309,678	\$442,919	\$333,859	\$45,279
3. Actuarial value of assets	<u>12,435,677</u>	<u>1,362,779</u>	<u>4,356,049</u>	<u>4,549,122</u>	<u>412,962</u>	<u>288,730</u>	<u>38,802</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$818,028	\$448,223	(\$321,319)	\$760,556	\$29,957	\$45,129	\$6,477
5. Funded Ratio: (3) / (2)	93.8%	75.2%	108.0%	85.7%	93.2%	86.5%	85.7%
6. Annual Payroll	\$4,312,597	\$1,284,924	\$930,918	\$3,522,444	\$586,004	\$410,904	\$69,762
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.35%	5.42%	6.82%	3.69%	4.73%	1.15%	1.37%
Prior Service	<u>1.10%</u>	<u>2.04%</u>	<u>-2.17%</u>	<u>1.39%</u>	<u>0.36%</u>	<u>0.71%</u>	<u>0.60%</u>
Total Retirement	8.45%	7.46%	4.65%	5.08%	5.09%	1.86%	1.97%
Supplemental Death	<u>0.18%</u>	<u>0.22%</u>	<u>0.00%</u>	<u>0.17%</u>	<u>0.25%</u>	<u>0.15%</u>	<u>0.12%</u>
Total Rate	8.63%	7.68%	4.65%	5.25%	5.34%	2.01%	2.09%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	7.22%	N/A	N/A	4.88%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	12.50%	9.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.8 years	28.4 years	25.0 years	24.1 years	20.9 years	23.9 years	23.9 years
Number of annuitants	23	15	16	25	3	0	0
Number of active contributing members	89	40	29	101	12	6	1
Number of inactive members	69	33	14	53	6	2	7
Average age of contributing members	44.4 years	45.0 years	49.0 years	40.5 years	45.3 years	49.1 years	42.2 years
Average length of service of contributing members	11.0 years	6.3 years	8.9 years	6.6 years	10.4 years	9.5 years	3.5 years

	Dublin	Dumas	Duncanville	Eagle Lake	Eagle Pass	Early	Earth
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,707,337	\$6,989,974	\$32,189,131	\$2,028,194	\$30,240,103	\$811,654	\$63,707
b. Noncontributing Members	586,280	1,700,410	10,272,941	782,303	2,485,554	96,024	65,711
c. Annuitants	<u>951,166</u>	<u>6,964,196</u>	<u>51,862,551</u>	<u>895,806</u>	<u>25,414,034</u>	<u>1,094,956</u>	<u>73,684</u>
2. Total Actuarial Accrued Liability	\$3,244,783	\$15,654,580	\$94,324,623	\$3,706,303	\$58,139,691	\$2,002,634	\$203,102
3. Actuarial value of assets	<u>2,405,089</u>	<u>14,298,622</u>	<u>97,379,960</u>	<u>3,530,817</u>	<u>54,566,724</u>	<u>2,166,749</u>	<u>147,830</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$839,694	\$1,355,958	(\$3,055,337)	\$175,486	\$3,572,967	(\$164,115)	\$55,272
5. Funded Ratio: (3) / (2)	74.1%	91.3%	103.2%	95.3%	93.9%	108.2%	72.8%
6. Annual Payroll	\$1,020,665	\$5,425,616	\$15,008,937	\$1,065,445	\$13,866,994	\$945,714	\$150,456
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.14%	4.78%	4.69%	7.03%	6.79%	3.43%	1.53%
Prior Service	<u>4.76%</u>	<u>1.44%</u>	<u>-1.28%</u>	<u>1.04%</u>	<u>2.29%</u>	<u>-1.09%</u>	<u>2.50%</u>
Total Retirement	13.90%	6.22%	3.41%	8.07%	9.08%	2.34%	4.03%
Supplemental Death	<u>0.20%</u>	<u>0.18%</u>	<u>0.00%</u>	<u>0.22%</u>	<u>0.22%</u>	<u>0.16%</u>	<u>0.19%</u>
Total Rate	14.10%	6.40%	3.41%	8.29%	9.30%	2.50%	4.22%
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	9.50%	N/A	12.50%	11.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	29.2 years	25.0 years	24.9 years	15.0 years	25.0 years	22.0 years
Number of annuitants	13	60	187	12	152	12	2
Number of active contributing members	30	120	243	29	357	24	6
Number of inactive members	36	83	132	26	109	10	4
Average age of contributing members	42.8 years	40.4 years	41.9 years	48.2 years	43.5 years	42.0 years	47.2 years
Average length of service of contributing members	6.6 years	8.4 years	10.7 years	8.5 years	10.0 years	6.4 years	5.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	East Mountain	East Tawakoni	Eastland	Ector	Eden	Edgewood	Edinburg
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$90,289	\$261,417	\$1,715,573	\$110,569	\$321,779	\$133,019	\$73,827,677
b. Noncontributing Members	43,792	63,063	317,402	5,070	86,365	89,428	5,401,493
c. Annuitants	<u>131,423</u>	<u>261,831</u>	<u>1,597,813</u>	<u>20,351</u>	<u>795,730</u>	<u>90,424</u>	<u>33,974,399</u>
2. Total Actuarial Accrued Liability	\$265,504	\$586,311	\$3,630,788	\$135,990	\$1,203,874	\$312,871	\$113,203,569
3. Actuarial value of assets	<u>221,783</u>	<u>609,622</u>	<u>3,184,327</u>	<u>144,768</u>	<u>1,094,323</u>	<u>252,679</u>	<u>80,721,164</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$43,721	(\$23,311)	\$446,461	(\$8,778)	\$109,551	\$60,192	\$32,482,405
5. Funded Ratio: (3) / (2)	83.5%	104.0%	87.7%	106.5%	90.9%	80.8%	71.3%
6. Annual Payroll	\$190,500	\$270,527	\$1,550,674	\$125,936	\$404,477	\$225,940	\$29,083,383
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	11.49%	5.94%	7.02%	2.09%	3.37%	1.84%	7.69%
Prior Service	<u>1.80%</u>	<u>-0.54%</u>	<u>1.77%</u>	<u>-0.44%</u>	<u>1.85%</u>	<u>1.68%</u>	<u>6.87%</u>
Total Retirement	13.29%	5.40%	8.79%	1.65%	5.22%	3.52%	14.56%
Supplemental Death	<u>0.09%</u>	<u>0.36%</u>	<u>0.30%</u>	<u>0.41%</u>	<u>0.29%</u>	<u>0.27%</u>	<u>0.14%</u>
Total Rate	13.38%	5.76%	9.09%	2.06%	5.51%	3.79%	14.70%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	12.38%	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	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	17.8 years	25.0 years	26.0 years	25.0 years	21.9 years	24.9 years	26.0 years
Number of annuitants	2	2	17	1	12	6	185
Number of active contributing members	6	8	39	3	11	7	685
Number of inactive members	2	4	23	2	6	7	183
Average age of contributing members	37.6 years	51.0 years	45.8 years	54.4 years	49.6 years	50.9 years	41.9 years
Average length of service of contributing members	3.1 years	5.6 years	8.7 years	9.6 years	7.6 years	7.8 years	8.9 years

	Edna	El Campo	Eldorado	Electra	Elgin	Elkhart	Elmendorf
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,345,245	\$12,876,758	\$609,434	\$467,920	\$5,573,322	\$235,084	\$67,433
b. Noncontributing Members	654,864	2,493,161	106,033	328,085	1,132,759	112,846	22,743
c. Annuitants	<u>2,357,398</u>	<u>9,906,027</u>	<u>1,449,116</u>	<u>894,545</u>	<u>1,704,822</u>	<u>331,404</u>	<u>17,191</u>
2. Total Actuarial Accrued Liability	\$7,357,507	\$25,275,946	\$2,164,583	\$1,690,550	\$8,410,903	\$679,334	\$107,367
3. Actuarial value of assets	<u>5,757,048</u>	<u>21,079,750</u>	<u>1,930,724</u>	<u>1,646,075</u>	<u>7,028,690</u>	<u>568,215</u>	<u>114,614</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,600,459	\$4,196,196	\$233,859	\$44,475	\$1,382,213	\$111,119	(\$7,247)
5. Funded Ratio: (3) / (2)	78.2%	83.4%	89.2%	97.4%	83.6%	83.6%	106.7%
6. Annual Payroll	\$2,009,386	\$5,227,801	\$685,083	\$1,061,909	\$3,077,771	\$290,785	\$317,063
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.53%	6.11%	4.60%	1.43%	8.20%	3.32%	1.01%
Prior Service	<u>5.73%</u>	<u>5.18%</u>	<u>1.97%</u>	<u>0.44%</u>	<u>2.76%</u>	<u>2.64%</u>	<u>-0.14%</u>
Total Retirement	11.26%	11.29%	6.57%	1.87%	10.96%	5.96%	0.87%
Supplemental Death	<u>0.20%</u>	<u>0.19%</u>	<u>0.21%</u>	<u>0.24%</u>	<u>0.28%</u>	<u>0.00%</u>	<u>0.10%</u>
Total Rate	11.46%	11.48%	6.78%	2.11%	11.24%	5.96%	0.97%
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	N/A	10.50%	7.50%	12.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	20.2 years	24.0 years	29.1 years	12.0 years	26.0 years	21.5 years	25.0 years
Number of annuitants	23	61	8	21	18	3	1
Number of active contributing members	45	109	19	32	69	7	8
Number of inactive members	29	51	11	29	46	2	10
Average age of contributing members	43.6 years	42.3 years	37.9 years	43.7 years	47.9 years	50.5 years	37.7 years
Average length of service of contributing members	10.4 years	11.4 years	4.5 years	5.7 years	10.8 years	6.8 years	2.9 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Emory	Ennis	Eules	Eustace	Everman	Fair Oaks Ranch	Fairfield
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$763,733	\$28,355,555	\$93,910,126	\$336,325	\$2,729,501	\$3,165,469	\$1,629,237
b. Noncontributing Members	101,500	2,159,805	12,631,656	76,676	453,019	689,159	597,128
c. Annuitants	<u>281,358</u>	<u>27,760,173</u>	<u>70,393,576</u>	<u>161,425</u>	<u>2,203,514</u>	<u>975,341</u>	<u>2,089,793</u>
2. Total Actuarial Accrued Liability	\$1,146,591	\$58,275,533	\$176,935,358	\$574,426	\$5,386,034	\$4,829,969	\$4,316,158
3. Actuarial value of assets	<u>1,215,892</u>	<u>49,028,542</u>	<u>152,789,010</u>	<u>549,282</u>	<u>4,705,513</u>	<u>4,194,755</u>	<u>4,971,986</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$69,301)	\$9,246,991	\$24,146,348	\$25,144	\$680,521	\$635,214	(\$655,828)
5. Funded Ratio: (3) / (2)	106.0%	84.1%	86.4%	95.6%	87.4%	86.8%	115.2%
6. Annual Payroll	\$873,119	\$9,176,045	\$26,436,993	\$378,859	\$1,749,084	\$2,118,700	\$1,742,451
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.03%	11.43%	10.64%	4.99%	6.00%	9.51%	5.18%
Prior Service	<u>-0.50%</u>	<u>6.50%</u>	<u>6.85%</u>	<u>1.03%</u>	<u>2.45%</u>	<u>1.73%</u>	<u>-2.37%</u>
Total Retirement	4.53%	17.93%	17.49%	6.02%	8.45%	11.24%	2.81%
Supplemental Death	<u>0.30%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.21%</u>	<u>0.22%</u>	<u>0.14%</u>	<u>0.20%</u>
Total Rate	4.83%	18.13%	17.49%	6.23%	8.67%	11.38%	3.01%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	6.19%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	13.50%	11.50%	13.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	24.0 years	19.0 years	7.5 years	25.0 years	29.1 years	25.0 years
Number of annuitants	6	111	191	5	19	9	23
Number of active contributing members	21	168	369	10	50	43	38
Number of inactive members	5	43	134	10	32	22	25
Average age of contributing members	49.7 years	44.2 years	43.3 years	44.3 years	42.2 years	41.1 years	44.2 years
Average length of service of contributing members	10.9 years	13.0 years	13.5 years	5.3 years	8.2 years	6.0 years	6.3 years

	Fairview	Falfurrias	Falls City	Farmers Branch	Farmersville	Farwell	Fate
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,721,966	\$1,307,338	\$74,181	\$88,903,117	\$2,088,110	\$329,625	\$744,537
b. Noncontributing Members	918,772	165,766	101,164	24,732,860	688,522	91,207	572,871
c. Annuitants	<u>279,547</u>	<u>745,220</u>	<u>49,976</u>	<u>114,244,413</u>	<u>1,931,608</u>	<u>535,603</u>	<u>133,095</u>
2. Total Actuarial Accrued Liability	\$4,920,285	\$2,218,324	\$225,321	\$227,880,390	\$4,708,240	\$956,435	\$1,450,503
3. Actuarial value of assets	<u>4,041,516</u>	<u>2,077,802</u>	<u>138,176</u>	<u>197,669,030</u>	<u>4,156,272</u>	<u>835,883</u>	<u>1,189,243</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$878,769	\$140,522	\$87,145	\$30,211,360	\$551,968	\$120,552	\$261,260
5. Funded Ratio: (3) / (2)	82.1%	93.7%	61.3%	86.7%	88.3%	87.4%	82.0%
6. Annual Payroll	\$3,326,041	\$1,623,527	\$126,810	\$27,043,678	\$1,676,257	\$227,594	\$1,914,715
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.73%	1.12%	4.67%	9.52%	6.52%	10.45%	8.86%
Prior Service	<u>1.54%</u>	<u>0.56%</u>	<u>4.00%</u>	<u>8.10%</u>	<u>1.90%</u>	<u>3.06%</u>	<u>0.80%</u>
Total Retirement	10.27%	1.68%	8.67%	17.62%	8.42%	13.51%	9.66%
Supplemental Death	<u>0.15%</u>	<u>0.26%</u>	<u>0.31%</u>	<u>0.13%</u>	<u>0.20%</u>	<u>0.13%</u>	<u>0.10%</u>
Total Rate	10.42%	1.94%	8.98%	17.75%	8.62%	13.64%	9.76%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	9.72%	N/A	N/A	N/A	N/A	13.30%	7.91%
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.6 years	23.9 years	28.6 years	20.0 years	29.1 years	29.0 years	28.3 years
Number of annuitants	4	14	1	282	18	2	3
Number of active contributing members	53	41	4	370	33	7	37
Number of inactive members	27	26	8	237	15	13	26
Average age of contributing members	41.7 years	47.3 years	45.5 years	42.6 years	44.3 years	43.8 years	38.9 years
Average length of service of contributing members	8.4 years	10.4 years	4.1 years	12.5 years	7.8 years	8.5 years	5.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Fayetteville	Ferris	Flatonia	Florence	Floresville	Flower Mound	Floydada
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$46,866	\$756,014	\$3,125,673	\$127,885	\$2,300,662	\$61,942,690	\$2,174,392
b. Noncontributing Members	0	1,110,037	301,243	133,058	709,499	15,478,402	56,553
c. Annuitants	34,252	1,479,692	775,936	17,691	2,725,960	19,770,753	2,184,659
2. Total Actuarial Accrued Liability	\$81,118	\$3,345,743	\$4,202,852	\$278,634	\$5,736,121	\$97,191,845	\$4,415,604
3. Actuarial value of assets	88,975	3,033,217	3,403,806	299,195	4,354,651	88,622,884	3,799,508
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$7,857)	\$312,526	\$799,046	(\$20,561)	\$1,381,470	\$8,568,961	\$616,096
5. Funded Ratio: (3) / (2)	109.7%	90.7%	81.0%	107.4%	75.9%	91.2%	86.0%
6. Annual Payroll	\$49,314	\$1,723,450	\$831,624	\$311,922	\$2,171,650	\$31,495,064	\$1,017,658
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.04%	5.70%	9.19%	3.64%	5.98%	7.61%	4.87%
Prior Service	-1.00%	1.05%	8.53%	-0.41%	4.00%	1.57%	4.25%
Total Retirement	0.04%	6.75%	17.72%	3.23%	9.98%	9.18%	9.12%
Supplemental Death	0.00%	0.18%	0.18%	0.12%	0.00%	0.13%	0.29%
Total Rate	0.04%	6.93%	17.90%	3.35%	9.98%	9.31%	9.41%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	6.67%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	9.50%	N/A	N/A	11.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	28.9 years	15.0 years	25.0 years	25.0 years	29.1 years	21.0 years
Number of annuitants	1	21	10	2	25	144	18
Number of active contributing members	1	41	19	8	56	547	21
Number of inactive members	0	31	6	10	29	359	7
Average age of contributing members	49.5 years	42.0 years	46.6 years	40.6 years	44.4 years	41.1 years	45.8 years
Average length of service of contributing members	11.3 years	5.6 years	13.1 years	4.4 years	5.8 years	9.5 years	11.5 years

	Forest Hill	Forney	Fort Stockton	Franklin	Frankston	Fredericksburg	Freeport
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,507,055	\$12,043,901	\$6,880,837	\$264,633	\$221,978	\$20,607,273	\$8,419,731
b. Noncontributing Members	3,397,688	883,658	1,402,493	31,197	8,318	2,141,198	3,818,412
c. Annuitants	6,929,109	3,572,285	6,395,538	138,933	165,168	12,622,977	9,354,889
2. Total Actuarial Accrued Liability	\$18,833,852	\$16,499,844	\$14,678,868	\$434,763	\$395,464	\$35,371,448	\$21,593,032
3. Actuarial value of assets	15,697,256	12,444,705	11,438,566	501,571	360,862	31,521,832	17,117,835
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$3,136,596	\$4,055,139	\$3,240,302	(\$66,808)	\$34,602	\$3,849,616	\$4,475,197
5. Funded Ratio: (3) / (2)	83.3%	75.4%	77.9%	115.4%	91.3%	89.1%	79.3%
6. Annual Payroll	\$4,470,002	\$7,145,796	\$4,849,397	\$562,067	\$456,374	\$8,837,289	\$5,175,253
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.34%	10.82%	6.04%	3.54%	1.44%	5.56%	8.77%
Prior Service	4.06%	3.28%	4.21%	-0.75%	0.44%	3.69%	5.00%
Total Retirement	13.40%	14.10%	10.25%	2.79%	1.88%	9.25%	13.77%
Supplemental Death	0.11%	0.11%	0.27%	0.00%	0.28%	0.23%	0.15%
Total Rate	13.51%	14.21%	10.52%	2.79%	2.16%	9.48%	13.92%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	13.31%	N/A	N/A	N/A	N/A	13.36%
Statutory Maximum Rate (Total Retirement Only)	13.50%	13.50%	11.50%	11.50%	N/A	11.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	29.0 years	25.0 years	25.0 years	28.8 years	16.0 years	29.0 years
Number of annuitants	60	16	56	2	4	81	65
Number of active contributing members	83	124	113	15	13	163	113
Number of inactive members	67	31	55	9	5	44	104
Average age of contributing members	38.6 years	39.5 years	42.8 years	42.6 years	44.0 years	46.0 years	38.8 years
Average length of service of contributing members	7.4 years	7.8 years	7.2 years	5.0 years	6.9 years	13.6 years	6.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Freer	Friendswood	Friona	Frisco	Fritch	Frost	Fulshear
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$545,957	\$36,035,532	\$1,925,996	\$138,893,086	\$268,139	\$59,000	\$448,740
b. Noncontributing Members	71,934	6,469,779	615,833	12,001,971	308,670	5,784	5,799
c. Annuitants	<u>296,756</u>	<u>19,197,970</u>	<u>1,947,477</u>	<u>17,458,647</u>	<u>462,468</u>	<u>183,917</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$914,647	\$61,703,281	\$4,489,306	\$168,353,704	\$1,039,277	\$248,701	\$454,539
3. Actuarial value of assets	<u>624,463</u>	<u>51,542,223</u>	<u>3,894,534</u>	<u>133,238,138</u>	<u>1,651,782</u>	<u>229,667</u>	<u>291,986</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$290,184	\$10,161,058	\$594,772	\$35,115,566	(\$612,505)	\$19,034	\$162,553
5. Funded Ratio: (3) / (2)	68.3%	83.5%	86.8%	79.1%	158.9%	92.3%	64.2%
6. Annual Payroll	\$724,189	\$12,438,853	\$916,504	\$62,545,286	\$717,355	\$149,779	\$1,313,937
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.47%	10.42%	5.58%	10.75%	7.31%	2.45%	4.13%
Prior Service	<u>2.57%</u>	<u>5.02%</u>	<u>5.76%</u>	<u>3.25%</u>	<u>-5.37%</u>	<u>0.73%</u>	<u>0.80%</u>
Total Retirement	6.04%	15.44%	11.34%	14.00%	1.94%	3.18%	4.93%
Supplemental Death	<u>0.31%</u>	<u>0.21%</u>	<u>0.18%</u>	<u>0.13%</u>	<u>0.25%</u>	<u>0.00%</u>	<u>0.12%</u>
Total Rate	6.35%	15.65%	11.52%	14.13%	2.19%	3.18%	5.05%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	1.97%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.2 years	26.0 years	15.0 years	28.9 years	25.0 years	29.3 years	23.9 years
Number of annuitants	6	95	16	109	9	2	0
Number of active contributing members	23	194	24	924	21	5	31
Number of inactive members	10	97	24	297	29	1	5
Average age of contributing members	49.8 years	44.3 years	42.4 years	41.4 years	42.4 years	59.0 years	41.7 years
Average length of service of contributing members	7.0 years	12.2 years	8.9 years	9.8 years	3.0 years	4.6 years	4.0 years

	Fulton	Gainesville	Galena Park	Ganado	Garden Ridge	Garland	Garrison
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$153,309	\$17,977,782	\$6,272,777	\$683,026	\$1,146,278	\$442,641,088	\$497,346
b. Noncontributing Members	86,013	2,411,789	871,961	1,140,050	327,267	41,644,372	328,227
c. Annuitants	<u>108,730</u>	<u>18,245,197</u>	<u>9,141,878</u>	<u>756,562</u>	<u>527,919</u>	<u>336,808,889</u>	<u>844,408</u>
2. Total Actuarial Accrued Liability	\$348,052	\$38,634,768	\$16,286,616	\$2,579,638	\$2,001,464	\$821,094,349	\$1,669,981
3. Actuarial value of assets	<u>168,423</u>	<u>31,556,786</u>	<u>13,699,382</u>	<u>2,528,657</u>	<u>1,638,334</u>	<u>790,976,663</u>	<u>1,463,832</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$179,629	\$7,077,982	\$2,587,234	\$50,981	\$363,130	\$30,117,686	\$206,149
5. Funded Ratio: (3) / (2)	48.4%	81.7%	84.1%	98.0%	81.9%	96.3%	87.7%
6. Annual Payroll	\$244,995	\$10,643,532	\$2,804,553	\$481,218	\$1,344,343	\$135,805,916	\$224,254
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.69%	4.49%	8.57%	11.11%	5.92%	8.10%	8.37%
Prior Service	<u>10.79%</u>	<u>4.82%</u>	<u>5.33%</u>	<u>0.77%</u>	<u>1.56%</u>	<u>2.20%</u>	<u>6.66%</u>
Total Retirement	17.48%	9.31%	13.90%	11.88%	7.48%	10.30%	15.03%
Supplemental Death	<u>0.40%</u>	<u>0.21%</u>	<u>0.27%</u>	<u>0.36%</u>	<u>0.15%</u>	<u>0.20%</u>	<u>0.36%</u>
Total Rate	17.88%	9.52%	14.17%	12.24%	7.63%	10.50%	15.39%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	7.00%	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 1/2016	8.0 years	20.0 years	29.0 years	19.9 years	29.1 years	13.0 years	20.0 years
Number of annuitants	1	125	56	9	13	1,199	5
Number of active contributing members	5	208	62	9	26	1,949	5
Number of inactive members	3	89	39	6	19	465	4
Average age of contributing members	51.7 years	43.4 years	41.9 years	48.8 years	43.1 years	45.1 years	44.4 years
Average length of service of contributing members	9.2 years	10.3 years	8.9 years	8.8 years	10.9 years	13.6 years	9.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Gary	Gatesville	George West	Georgetown	Giddings	Gilmer	Gladewater
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$148,549	\$9,725,828	\$1,007,446	\$69,752,386	\$7,211,254	\$3,597,549	\$2,209,712
b. Noncontributing Members	2,721	1,002,710	39,590	7,949,498	744,393	455,158	1,064,784
c. Annuitants	<u>225,617</u>	<u>5,277,729</u>	<u>274,117</u>	<u>26,461,607</u>	<u>4,777,421</u>	<u>3,929,151</u>	<u>2,425,803</u>
2. Total Actuarial Accrued Liability	\$376,887	\$16,006,267	\$1,321,153	\$104,163,491	\$12,733,068	\$7,981,858	\$5,700,299
3. Actuarial value of assets	<u>276,014</u>	<u>12,546,676</u>	<u>924,332</u>	<u>86,743,754</u>	<u>9,305,179</u>	<u>6,433,659</u>	<u>5,713,244</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$100,873	\$3,459,591	\$396,821	\$17,419,737	\$3,427,889	\$1,548,199	(\$12,945)
5. Funded Ratio: (3) / (2)	73.2%	78.4%	70.0%	83.3%	73.1%	80.6%	100.2%
6. Annual Payroll	\$158,101	\$3,434,792	\$1,505,712	\$33,234,608	\$2,642,238	\$1,960,634	\$2,715,685
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.52%	9.59%	3.50%	8.25%	8.72%	7.96%	3.24%
Prior Service	<u>3.76%</u>	<u>6.31%</u>	<u>1.52%</u>	<u>3.22%</u>	<u>9.74%</u>	<u>4.97%</u>	<u>-0.03%</u>
Total Retirement	7.28%	15.90%	5.02%	11.47%	18.46%	12.93%	3.21%
Supplemental Death	<u>0.00%</u>	<u>0.30%</u>	<u>0.13%</u>	<u>0.14%</u>	<u>0.22%</u>	<u>0.24%</u>	<u>0.20%</u>
Total Rate	7.28%	16.20%	5.15%	11.61%	18.68%	13.17%	3.41%
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)	7.50%	N/A	N/A	13.50%	N/A	N/A	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.0 years	25.2 years	29.1 years	26.0 years	19.0 years	25.0 years	25.0 years
Number of annuitants	2	40	4	141	29	29	31
Number of active contributing members	3	74	41	527	71	47	60
Number of inactive members	2	23	18	163	29	26	61
Average age of contributing members	43.7 years	45.0 years	38.7 years	42.0 years	44.6 years	42.7 years	43.7 years
Average length of service of contributing members	8.6 years	11.7 years	6.9 years	9.3 years	9.9 years	10.1 years	8.7 years

	Glen Rose	Glenn Heights	Godley	Goldsmith	Goldthwaite	Goliad	Gonzales
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,107,466	\$3,734,669	\$139,370	\$164,390	\$2,595,088	\$368,694	\$7,208,400
b. Noncontributing Members	450,510	1,606,593	42,814	87,508	339,041	231,616	1,654,968
c. Annuitants	<u>1,639,066</u>	<u>1,643,965</u>	<u>127,710</u>	<u>0</u>	<u>2,274,398</u>	<u>1,026,619</u>	<u>6,655,551</u>
2. Total Actuarial Accrued Liability	\$3,197,042	\$6,985,227	\$309,894	\$251,898	\$5,208,527	\$1,626,929	\$15,518,919
3. Actuarial value of assets	<u>2,635,772</u>	<u>7,055,944</u>	<u>266,818</u>	<u>239,049</u>	<u>3,976,749</u>	<u>1,793,162</u>	<u>12,209,639</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$561,270	(\$70,717)	\$43,076	\$12,849	\$1,231,778	(\$166,233)	\$3,309,280
5. Funded Ratio: (3) / (2)	82.4%	101.0%	86.1%	94.9%	76.4%	110.2%	78.7%
6. Annual Payroll	\$932,242	\$3,148,848	\$369,615	\$166,794	\$578,767	\$425,948	\$4,660,053
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	11.80%	3.34%	1.32%	1.62%	9.86%	3.52%	6.02%
Prior Service	<u>3.48%</u>	<u>-0.14%</u>	<u>0.67%</u>	<u>1.11%</u>	<u>15.97%</u>	<u>-2.46%</u>	<u>4.37%</u>
Total Retirement	15.28%	3.20%	1.99%	2.73%	25.83%	1.06%	10.39%
Supplemental Death	<u>0.32%</u>	<u>0.16%</u>	<u>0.18%</u>	<u>0.35%</u>	<u>0.29%</u>	<u>0.25%</u>	<u>0.20%</u>
Total Rate	15.60%	3.36%	2.17%	3.08%	26.12%	1.31%	10.59%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	15.24%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	12.50%	8.50%	7.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	25.0 years	29.3 years	8.2 years	19.0 years	25.0 years	26.0 years
Number of annuitants	13	34	4	0	6	9	45
Number of active contributing members	22	66	10	4	11	8	112
Number of inactive members	11	70	10	1	5	20	77
Average age of contributing members	45.7 years	43.4 years	40.2 years	55.1 years	50.0 years	43.4 years	39.7 years
Average length of service of contributing members	8.7 years	9.4 years	6.0 years	13.2 years	14.6 years	8.8 years	7.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
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	Graford	Graham	Granbury	Grand Prairie	Grand Saline	Grandview	Granger
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$70,444	\$5,360,081	\$17,032,284	\$234,939,057	\$1,301,820	\$746,784	\$91,396
b. Noncontributing Members	0	1,096,842	2,442,436	30,220,864	403,307	62,083	84,308
c. Annuitants	0	9,064,536	14,476,262	204,915,609	827,973	423,419	167,028
2. Total Actuarial Accrued Liability	\$70,444	\$15,521,459	\$33,950,982	\$470,075,530	\$2,533,100	\$1,232,286	\$342,732
3. Actuarial value of assets	62,611	12,692,160	26,683,750	401,667,459	2,440,697	1,272,383	426,907
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$7,833	\$2,829,299	\$7,267,232	\$68,408,071	\$92,403	(\$40,097)	(\$84,175)
5. Funded Ratio: (3) / (2)	88.9%	81.8%	78.6%	85.4%	96.4%	103.3%	124.6%
6. Annual Payroll	\$123,355	\$3,433,840	\$7,992,845	\$77,244,326	\$836,068	\$720,291	\$247,304
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.85%	6.72%	9.33%	9.44%	4.71%	5.43%	2.05%
Prior Service	0.80%	5.19%	5.87%	6.22%	0.86%	-0.35%	-2.05%
Total Retirement	2.65%	11.91%	15.20%	15.66%	5.57%	5.08%	0.00%
Supplemental Death	0.20%	0.33%	0.22%	0.18%	0.38%	0.00%	0.00%
Total Rate	2.85%	12.24%	15.42%	15.84%	5.95%	5.08%	0.00%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	4.65%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	9.50%	11.50%	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	9.6 years	25.0 years	24.0 years	21.0 years	18.0 years	25.0 years	25.0 years
Number of annuitants	0	64	76	629	13	7	7
Number of active contributing members	3	79	163	1,166	21	16	8
Number of inactive members	0	38	58	377	19	10	11
Average age of contributing members	52.6 years	46.9 years	44.8 years	42.4 years	50.9 years	43.1 years	49.4 years
Average length of service of contributing members	6.6 years	8.4 years	9.0 years	11.9 years	9.6 years	7.6 years	4.9 years

	Granite Shoals	Grapeland	Grapevine	Greenville	Gregory	Grey Forest	Groesbeck
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$746,329	\$245,939	\$124,143,642	\$46,601,471	\$81,552	\$5,562,912	\$921,695
b. Noncontributing Members	147,851	66,238	15,938,805	8,547,110	81,282	797,195	131,627
c. Annuitants	101,084	318,030	91,722,262	44,615,272	136,559	5,279,009	324,652
2. Total Actuarial Accrued Liability	\$995,264	\$630,207	\$231,804,709	\$99,763,853	\$299,393	\$11,639,116	\$1,377,974
3. Actuarial value of assets	929,974	576,573	185,059,845	93,682,891	397,521	9,442,150	1,158,927
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$65,290	\$53,634	\$46,744,864	\$6,080,962	(\$98,128)	\$2,196,966	\$219,047
5. Funded Ratio: (3) / (2)	93.4%	91.5%	79.8%	93.9%	132.8%	81.1%	84.1%
6. Annual Payroll	\$1,587,840	\$438,658	\$38,613,727	\$17,623,640	\$347,392	\$2,349,879	\$1,382,342
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.21%	3.41%	11.04%	7.07%	5.51%	8.78%	1.31%
Prior Service	0.24%	0.71%	8.02%	3.23%	-1.78%	6.40%	1.02%
Total Retirement	4.45%	4.12%	19.06%	10.30%	3.73%	15.18%	2.33%
Supplemental Death	0.20%	0.00%	0.00%	0.22%	0.17%	0.22%	0.25%
Total Rate	4.65%	4.12%	19.06%	10.52%	3.90%	15.40%	2.58%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	4.46%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	N/A	N/A	9.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.5 years	28.8 years	23.0 years	14.0 years	25.0 years	21.8 years	24.1 years
Number of annuitants	5	7	305	234	2	17	9
Number of active contributing members	32	12	541	321	9	37	35
Number of inactive members	17	11	192	135	11	11	12
Average age of contributing members	44.9 years	54.8 years	45.2 years	45.9 years	45.6 years	45.4 years	48.0 years
Average length of service of contributing members	7.1 years	8.2 years	12.8 years	11.5 years	3.7 years	8.7 years	9.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Groom	Groves	Groveton	Gruver	Gun Barrel City	Gunter	Hale Center
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$51,082	\$17,919,810	\$118,911	\$227,975	\$1,846,639	\$113,898	\$136,403
b. Noncontributing Members	11,730	1,261,074	12,028	344,452	305,673	6,985	51,591
c. Annuitants	192,743	15,583,978	30,413	453,347	704,893	58,923	59,388
2. Total Actuarial Accrued Liability	\$255,555	\$34,764,862	\$161,352	\$1,025,774	\$2,857,205	\$179,806	\$247,382
3. Actuarial value of assets	271,191	33,726,944	168,375	1,029,728	2,633,312	227,908	232,206
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$15,636)	\$1,037,918	(\$7,023)	(\$3,954)	\$223,893	(\$48,102)	\$15,176
5. Funded Ratio: (3) / (2)	106.1%	97.0%	104.4%	100.4%	92.2%	126.8%	93.9%
6. Annual Payroll	\$183,705	\$6,124,973	\$243,014	\$252,189	\$1,719,515	\$344,819	\$408,904
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.80%	7.09%	1.66%	6.48%	4.77%	4.22%	1.53%
Prior Service	-0.54%	1.79%	-0.18%	-0.10%	0.75%	-0.88%	0.21%
Total Retirement	2.26%	8.88%	1.48%	6.38%	5.52%	3.34%	1.74%
Supplemental Death	0.00%	0.00%	0.18%	0.00%	0.19%	0.13%	0.17%
Total Rate	2.26%	8.88%	1.66%	6.38%	5.71%	3.47%	1.91%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	3.38%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	7.50%	12.50%	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	12.0 years	25.0 years	25.0 years	29.2 years	25.0 years	29.0 years
Number of annuitants	4	82	2	3	16	3	1
Number of active contributing members	4	96	11	6	45	8	10
Number of inactive members	2	25	1	10	22	4	7
Average age of contributing members	50.4 years	44.7 years	54.6 years	42.8 years	45.1 years	42.1 years	45.1 years
Average length of service of contributing members	3.8 years	15.3 years	6.1 years	4.0 years	8.6 years	6.2 years	5.6 years

	Hallettsville	Hallsville	Halton City	Hamilton	Hamlin	Happy	Harker Heights
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,237,456	\$245,125	\$48,253,772	\$1,981,391	\$605,032	\$107,763	\$27,374,699
b. Noncontributing Members	524,951	49,367	12,082,853	205,311	305,164	101,976	4,574,005
c. Annuitants	1,631,496	294,141	41,573,746	1,615,169	1,885,527	348,495	6,812,030
2. Total Actuarial Accrued Liability	\$6,393,903	\$588,633	\$101,910,371	\$3,801,871	\$2,795,723	\$558,234	\$38,760,734
3. Actuarial value of assets	5,487,782	403,514	79,995,155	2,868,358	2,448,645	473,764	29,476,777
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$906,121	\$185,119	\$21,915,216	\$933,513	\$347,078	\$84,470	\$9,283,957
5. Funded Ratio: (3) / (2)	85.8%	68.6%	78.5%	75.4%	87.6%	84.9%	76.0%
6. Annual Payroll	\$1,390,768	\$633,413	\$16,063,517	\$689,496	\$454,851	\$103,735	\$10,845,705
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.53%	1.25%	10.13%	11.24%	6.48%	7.67%	9.68%
Prior Service	5.52%	1.69%	8.59%	9.50%	4.41%	4.71%	4.95%
Total Retirement	12.05%	2.94%	18.72%	20.74%	10.89%	12.38%	14.63%
Supplemental Death	0.28%	0.16%	0.19%	0.33%	0.41%	0.36%	0.15%
Total Rate	12.33%	3.10%	18.91%	21.07%	11.30%	12.74%	14.78%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	12.64%	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 1/2016	16.0 years	29.0 years	25.0 years	21.0 years	29.0 years	29.0 years	29.0 years
Number of annuitants	16	4	163	17	13	3	53
Number of active contributing members	37	16	264	22	15	2	203
Number of inactive members	12	16	131	8	14	2	117
Average age of contributing members	49.5 years	41.8 years	44.0 years	44.7 years	40.8 years	48.5 years	40.8 years
Average length of service of contributing members	15.7 years	4.3 years	12.4 years	9.7 years	5.5 years	7.8 years	12.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Harlingen	Harlingen Waterworks Sys	Hart	Haskell	Haslet	Hawkins	Hays
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$35,092,573	\$8,376,813	\$59,736	\$275,791	\$1,163,722	\$1,495,073	\$19,744
b. Noncontributing Members	7,457,713	2,255,672	28,365	255,125	252,127	48,888	0
c. Annuitants	40,748,906	10,131,561	43,594	588,489	247,386	193,017	103,827
2. Total Actuarial Accrued Liability	\$83,299,192	\$20,764,046	\$131,695	\$1,119,405	\$1,663,235	\$1,736,978	\$123,571
3. Actuarial value of assets	80,552,283	21,677,831	90,706	1,557,877	1,702,256	1,542,634	142,660
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,746,909	(\$913,785)	\$40,989	(\$438,472)	(\$39,021)	\$194,344	(\$19,089)
5. Funded Ratio: (3) / (2)	96.7%	104.4%	68.9%	139.2%	102.3%	88.8%	115.4%
6. Annual Payroll	\$11,697,095	\$5,705,063	\$133,401	\$582,166	\$829,432	\$394,665	\$19,052
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.15%	1.60%	0.75%	1.11%	8.47%	8.11%	12.13%
Prior Service	2.86%	-1.01%	1.93%	-1.11%	-0.30%	5.22%	-6.31%
Total Retirement	7.01%	0.59%	2.68%	0.00%	8.17%	13.33%	5.82%
Supplemental Death	0.29%	0.26%	0.00%	0.18%	0.17%	0.26%	0.87%
Total Rate	7.30%	0.85%	2.68%	0.18%	8.34%	13.59%	6.69%
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)	15.50%	9.50%	N/A	9.50%	15.50%	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	12.0 years	25.0 years	25.1 years	25.0 years	25.0 years	11.9 years	25.0 years
Number of annuitants	296	99	2	9	4	8	2
Number of active contributing members	240	133	4	16	19	11	1
Number of inactive members	78	45	1	8	14	3	0
Average age of contributing members	47.9 years	43.9 years	35.6 years	38.3 years	44.0 years	49.6 years	65.1 years
Average length of service of contributing members	16.4 years	10.3 years	6.0 years	3.9 years	10.6 years	16.7 years	5.3 years

	Hearne	Heath	Hedley	Hedwig Village	Helotes	Hemphill	Hempstead
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,903,052	\$5,238,700	\$7,289	\$2,529,422	\$3,328,241	\$1,765,806	\$4,654,770
b. Noncontributing Members	857,299	1,403,156	115,239	670,673	560,034	173,469	301,377
c. Annuitants	2,637,688	1,108,535	22,268	1,258,148	553,390	242,165	4,379,458
2. Total Actuarial Accrued Liability	\$7,398,039	\$7,750,391	\$144,796	\$4,458,243	\$4,441,665	\$2,181,440	\$9,335,605
3. Actuarial value of assets	5,095,217	7,015,817	153,385	4,017,628	3,999,337	2,175,861	8,125,886
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,302,822	\$734,574	(\$8,589)	\$440,615	\$442,328	\$5,579	\$1,209,719
5. Funded Ratio: (3) / (2)	68.9%	90.5%	105.9%	90.1%	90.0%	99.7%	87.0%
6. Annual Payroll	\$2,086,626	\$3,057,326	\$53,316	\$1,843,783	\$3,002,374	\$1,059,260	\$2,732,183
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.21%	9.31%	4.01%	4.10%	4.93%	3.32%	6.08%
Prior Service	6.79%	1.39%	-1.01%	2.02%	1.16%	0.19%	2.56%
Total Retirement	15.00%	10.70%	3.00%	6.12%	6.09%	3.51%	8.64%
Supplemental Death	0.18%	0.16%	0.54%	0.20%	0.12%	0.32%	0.24%
Total Rate	15.18%	10.86%	3.54%	6.32%	6.21%	3.83%	8.88%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	10.53%	3.39%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	11.50%	N/A	12.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	26.0 years	29.0 years	25.0 years	16.0 years	17.7 years	3.0 years	29.0 years
Number of annuitants	24	11	1	9	10	4	22
Number of active contributing members	54	42	3	29	60	26	63
Number of inactive members	31	31	6	16	19	5	30
Average age of contributing members	43.7 years	43.9 years	52.4 years	46.0 years	40.4 years	49.1 years	47.0 years
Average length of service of contributing members	8.3 years	12.5 years	1.8 years	10.9 years	11.4 years	10.5 years	9.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Henderson	Henrietta	Hereford	Hewitt	Hickory Creek	Hico	Hidalgo
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,083,407	\$744,148	\$9,128,214	\$8,963,323	\$1,575,462	\$278,736	\$8,877,969
b. Noncontributing Members	1,853,196	440,878	2,251,221	1,318,922	239,672	321,580	3,243,628
c. Annuitants	<u>14,245,925</u>	<u>1,122,885</u>	<u>6,522,045</u>	<u>4,888,531</u>	<u>439,029</u>	<u>223,047</u>	<u>2,164,537</u>
2. Total Actuarial Accrued Liability	\$28,182,528	\$2,307,911	\$17,901,480	\$15,170,776	\$2,254,163	\$823,363	\$14,286,134
3. Actuarial value of assets	<u>21,795,028</u>	<u>1,802,404</u>	<u>15,206,622</u>	<u>11,600,763</u>	<u>1,925,449</u>	<u>903,134</u>	<u>12,065,971</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$6,387,500	\$505,507	\$2,694,858	\$3,570,013	\$328,714	(\$79,771)	\$2,220,163
5. Funded Ratio: (3) / (2)	77.3%	78.1%	84.9%	76.5%	85.4%	109.7%	84.5%
6. Annual Payroll	\$5,568,714	\$640,833	\$4,358,211	\$3,852,394	\$1,082,377	\$362,901	\$4,685,424
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.94%	9.54%	6.33%	9.96%	9.05%	5.93%	9.20%
Prior Service	<u>7.40%</u>	<u>4.56%</u>	<u>4.10%</u>	<u>5.35%</u>	<u>1.76%</u>	<u>-1.38%</u>	<u>3.44%</u>
Total Retirement	15.34%	14.10%	10.43%	15.31%	10.81%	4.55%	12.64%
Supplemental Death	<u>0.18%</u>	<u>0.22%</u>	<u>0.20%</u>	<u>0.13%</u>	<u>0.10%</u>	<u>0.33%</u>	<u>0.00%</u>
Total Rate	15.52%	14.32%	10.63%	15.44%	10.91%	4.88%	12.64%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	15.40%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	11.50%	N/A	13.50%	11.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.0 years	29.0 years	23.0 years	29.1 years	28.9 years	25.0 years	20.0 years
Number of annuitants	65	9	38	24	8	4	20
Number of active contributing members	115	17	89	81	18	11	127
Number of inactive members	53	13	33	48	15	7	85
Average age of contributing members	39.4 years	46.5 years	41.3 years	39.9 years	36.8 years	49.5 years	43.7 years
Average length of service of contributing members	9.0 years	6.5 years	10.4 years	9.7 years	7.4 years	4.9 years	8.0 years

	Higgins	Highland Park	Highland Village	Hill Country Village	Hillsboro	Hilshire Village	Hitchcock
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$224,323	\$28,474,551	\$20,102,570	\$866,395	\$9,279,670	\$47,527	\$1,781,609
b. Noncontributing Members	0	5,433,148	5,468,359	332,231	2,032,827	0	644,892
c. Annuitants	<u>70,803</u>	<u>31,255,968</u>	<u>5,101,267</u>	<u>253,542</u>	<u>4,915,635</u>	<u>0</u>	<u>851,365</u>
2. Total Actuarial Accrued Liability	\$295,126	\$65,163,667	\$30,672,196	\$1,452,168	\$16,228,132	\$47,527	\$3,277,866
3. Actuarial value of assets	<u>301,352</u>	<u>69,526,808</u>	<u>25,992,156</u>	<u>1,519,460</u>	<u>13,199,392</u>	<u>2,266</u>	<u>3,246,741</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$6,226)	(\$4,363,141)	\$4,680,040	(\$67,292)	\$3,028,740	\$45,261	\$31,125
5. Funded Ratio: (3) / (2)	102.1%	106.7%	84.7%	104.6%	81.3%	4.8%	99.1%
6. Annual Payroll	\$107,381	\$11,524,161	\$8,946,311	\$718,801	\$4,516,854	\$75,308	\$1,776,391
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.00%	5.52%	10.18%	3.73%	5.72%	2.79%	3.29%
Prior Service	<u>-0.36%</u>	<u>-2.38%</u>	<u>3.02%</u>	<u>-0.59%</u>	<u>5.03%</u>	<u>9.93%</u>	<u>0.53%</u>
Total Retirement	3.64%	3.14%	13.20%	3.14%	10.75%	12.72%	3.82%
Supplemental Death	<u>0.36%</u>	<u>0.00%</u>	<u>0.16%</u>	<u>0.13%</u>	<u>0.00%</u>	<u>0.35%</u>	<u>0.20%</u>
Total Rate	4.00%	3.14%	13.36%	3.27%	10.75%	13.07%	4.02%
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%	N/A	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	29.1 years	25.0 years	19.0 years	7.0 years	3.6 years
Number of annuitants	1	98	48	4	54	0	11
Number of active contributing members	3	116	145	14	105	2	47
Number of inactive members	0	31	98	14	64	0	49
Average age of contributing members	59.4 years	45.9 years	42.7 years	44.4 years	42.8 years	63.6 years	44.2 years
Average length of service of contributing members	15.5 years	15.6 years	10.0 years	12.3 years	9.7 years	6.4 years	10.1 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Holland	Holliday	Hollywood Park	Hondo	Honey Grove	Hooks	Howe
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$315,312	\$358,435	\$2,421,230	\$5,060,535	\$791,023	\$365,116	\$771,831
b. Noncontributing Members	54,672	86,474	554,577	1,727,038	242,947	203,475	473,908
c. Annuitants	<u>104,631</u>	<u>0</u>	<u>1,681,182</u>	<u>6,519,318</u>	<u>156,622</u>	<u>207,444</u>	<u>429,838</u>
2. Total Actuarial Accrued Liability	\$474,615	\$444,909	\$4,656,989	\$13,306,891	\$1,190,592	\$776,035	\$1,675,577
3. Actuarial value of assets	<u>415,122</u>	<u>478,618</u>	<u>3,967,494</u>	<u>11,563,571</u>	<u>1,141,376</u>	<u>847,447</u>	<u>1,728,901</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$59,493	(\$33,709)	\$689,495	\$1,743,320	\$49,216	(\$71,412)	(\$53,324)
5. Funded Ratio: (3) / (2)	87.5%	107.6%	85.2%	86.9%	95.9%	109.2%	103.2%
6. Annual Payroll	\$199,104	\$373,143	\$1,583,264	\$3,814,508	\$408,993	\$527,248	\$525,480
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.72%	2.50%	6.43%	6.36%	6.35%	1.72%	5.14%
Prior Service	<u>1.92%</u>	<u>-0.57%</u>	<u>2.52%</u>	<u>2.64%</u>	<u>0.94%</u>	<u>-0.85%</u>	<u>-0.64%</u>
Total Retirement	7.64%	1.93%	8.95%	9.00%	7.29%	0.87%	4.50%
Supplemental Death	<u>0.35%</u>	<u>0.00%</u>	<u>0.14%</u>	<u>0.18%</u>	<u>0.28%</u>	<u>0.18%</u>	<u>0.27%</u>
Total Rate	7.99%	1.93%	9.09%	9.18%	7.57%	1.05%	4.77%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	7.91%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	10.50%	9.50%	10.50%	11.50%	9.50%	7.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.2 years	25.0 years	29.0 years	29.0 years	17.9 years	25.0 years	25.0 years
Number of annuitants	2	0	16	46	3	3	9
Number of active contributing members	5	9	31	105	11	13	12
Number of inactive members	2	6	18	47	13	5	17
Average age of contributing members	54.7 years	47.3 years	41.5 years	42.8 years	47.7 years	42.7 years	43.2 years
Average length of service of contributing members	16.6 years	9.5 years	9.9 years	8.3 years	9.6 years	9.4 years	10.6 years

	Hubbard	Hudson	Hudson Oaks	Hughes Springs	Humble	Hunters Creek Village	Huntington
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$246,236	\$485,188	\$1,953,263	\$3,170,729	\$35,770,126	\$368,902	\$922,893
b. Noncontributing Members	39,815	17,031	518,302	35,401	2,654,768	97,076	158,264
c. Annuitants	<u>8,962</u>	<u>75,847</u>	<u>508,625</u>	<u>411,280</u>	<u>22,292,039</u>	<u>631,699</u>	<u>1,890,992</u>
2. Total Actuarial Accrued Liability	\$295,013	\$578,066	\$2,980,190	\$3,617,410	\$60,716,933	\$1,097,677	\$2,972,149
3. Actuarial value of assets	<u>343,795</u>	<u>562,825</u>	<u>2,237,611</u>	<u>3,488,924</u>	<u>52,639,599</u>	<u>758,609</u>	<u>2,438,205</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$48,782)	\$15,241	\$742,579	\$128,486	\$8,077,334	\$339,068	\$533,944
5. Funded Ratio: (3) / (2)	116.5%	97.4%	75.1%	96.4%	86.7%	69.1%	82.0%
6. Annual Payroll	\$430,059	\$650,928	\$1,242,170	\$600,504	\$12,444,055	\$399,193	\$675,748
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.11%	3.33%	9.43%	9.51%	9.16%	8.98%	9.20%
Prior Service	<u>-0.71%</u>	<u>0.16%</u>	<u>3.46%</u>	<u>5.85%</u>	<u>4.42%</u>	<u>5.02%</u>	<u>4.57%</u>
Total Retirement	0.40%	3.49%	12.89%	15.36%	13.58%	14.00%	13.77%
Supplemental Death	<u>0.20%</u>	<u>0.16%</u>	<u>0.09%</u>	<u>0.23%</u>	<u>0.17%</u>	<u>0.54%</u>	<u>0.17%</u>
Total Rate	0.60%	3.65%	12.98%	15.59%	13.75%	14.54%	13.94%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	12.56%	N/A	N/A	12.69%	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 1/2016	25.0 years	21.9 years	28.9 years	4.0 years	22.0 years	27.9 years	29.0 years
Number of annuitants	2	2	9	4	87	7	10
Number of active contributing members	13	16	23	13	187	6	18
Number of inactive members	7	4	15	2	40	2	11
Average age of contributing members	41.2 years	44.6 years	37.6 years	53.2 years	43.0 years	48.7 years	39.9 years
Average length of service of contributing members	7.2 years	7.5 years	7.5 years	18.6 years	12.8 years	15.9 years	6.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Huntsville	Hurst	Hutchins	Hutto	Huxley	Idalou	Ingleside
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$33,101,850	\$68,440,771	\$3,204,670	\$6,623,364	\$147,936	\$317,970	\$4,861,876
b. Noncontributing Members	6,427,559	9,965,196	1,036,831	2,028,731	203,231	42,438	859,188
c. Annuitants	<u>36,547,062</u>	<u>58,145,818</u>	<u>1,031,636</u>	<u>1,053,184</u>	<u>311,241</u>	<u>0</u>	<u>2,959,757</u>
2. Total Actuarial Accrued Liability	\$76,076,471	\$136,551,785	\$5,273,137	\$9,705,279	\$662,408	\$360,408	\$8,680,821
3. Actuarial value of assets	<u>57,849,174</u>	<u>130,389,785</u>	<u>5,182,012</u>	<u>8,071,322</u>	<u>810,730</u>	<u>303,200</u>	<u>7,364,999</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$18,227,297	\$6,162,000	\$91,125	\$1,633,957	(\$148,322)	\$57,208	\$1,315,822
5. Funded Ratio: (3) / (2)	76.0%	95.5%	98.3%	83.2%	122.4%	84.1%	84.8%
6. Annual Payroll	\$12,614,424	\$24,122,700	\$2,405,180	\$5,115,547	\$318,952	\$559,546	\$2,810,157
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.21%	7.58%	6.72%	11.29%	2.25%	3.47%	7.64%
Prior Service	<u>9.86%</u>	<u>2.05%</u>	<u>0.22%</u>	<u>1.85%</u>	<u>-2.25%</u>	<u>0.59%</u>	<u>2.71%</u>
Total Retirement	17.07%	9.63%	6.94%	13.14%	0.00%	4.06%	10.35%
Supplemental Death	<u>0.18%</u>	<u>0.00%</u>	<u>0.13%</u>	<u>0.11%</u>	<u>0.21%</u>	<u>0.10%</u>	<u>0.31%</u>
Total Rate	17.25%	9.63%	7.07%	13.25%	0.21%	4.16%	10.66%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	6.96%	11.96%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	11.50%	N/A	9.50%	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	21.9 years	17.3 years	28.8 years	28.9 years	25.0 years	29.1 years	28.9 years
Number of annuitants	165	222	19	12	5	0	31
Number of active contributing members	249	386	57	89	9	13	74
Number of inactive members	113	135	52	38	6	11	57
Average age of contributing members	42.3 years	42.2 years	39.7 years	40.7 years	38.1 years	42.7 years	48.1 years
Average length of service of contributing members	11.3 years	11.7 years	8.1 years	8.4 years	6.9 years	5.9 years	11.4 years

	Ingram	Iowa Colony	Iowa Park	Iraan	Irving	Italy	Itasca
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$377,588	\$370,603	\$3,989,187	\$441,285	\$320,865,515	\$202,301	\$697,094
b. Noncontributing Members	112,321	0	524,757	60,082	46,939,097	153,418	83,168
c. Annuitants	<u>202,029</u>	<u>0</u>	<u>2,730,019</u>	<u>751,808</u>	<u>265,839,950</u>	<u>154,922</u>	<u>836,299</u>
2. Total Actuarial Accrued Liability	\$691,938	\$370,603	\$7,243,963	\$1,253,175	\$633,644,562	\$510,641	\$1,616,561
3. Actuarial value of assets	<u>620,222</u>	<u>11,200</u>	<u>5,856,835</u>	<u>969,070</u>	<u>577,172,501</u>	<u>373,137</u>	<u>1,607,672</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$71,716	\$359,403	\$1,387,128	\$284,105	\$56,472,061	\$137,504	\$8,889
5. Funded Ratio: (3) / (2)	89.6%	3.0%	80.9%	77.3%	91.1%	73.1%	99.5%
6. Annual Payroll	\$491,709	\$168,118	\$1,681,710	\$236,359	\$95,584,463	\$717,907	\$620,591
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.49%	5.46%	5.98%	5.70%	8.94%	1.14%	10.14%
Prior Service	<u>0.90%</u>	<u>28.47%</u>	<u>7.65%</u>	<u>8.73%</u>	<u>4.39%</u>	<u>1.11%</u>	<u>0.08%</u>
Total Retirement	5.39%	33.93%	13.63%	14.43%	13.33%	2.25%	10.22%
Supplemental Death	<u>0.00%</u>	<u>0.26%</u>	<u>0.22%</u>	<u>0.39%</u>	<u>0.18%</u>	<u>0.08%</u>	<u>0.21%</u>
Total Rate	5.39%	34.19%	13.85%	14.82%	13.51%	2.33%	10.43%
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)	9.50%	N/A	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.9 years	9.0 years	14.2 years	19.9 years	19.3 years	28.9 years	28.0 years
Number of annuitants	8	0	20	5	835	7	5
Number of active contributing members	12	4	45	6	1,383	19	17
Number of inactive members	7	0	34	5	396	13	24
Average age of contributing members	50.1 years	58.5 years	44.1 years	44.5 years	44.0 years	38.9 years	45.2 years
Average length of service of contributing members	7.9 years	9.8 years	9.7 years	7.9 years	13.7 years	5.0 years	4.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Jacinto City	Jacksboro	Jacksonville	Jasper	Jefferson	Jersey Village	Jewett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$4,542,398	\$2,183,536	\$13,498,637	\$9,864,390	\$769,314	\$8,562,012	\$547,907
b. Noncontributing Members	1,008,781	780,952	1,513,093	890,245	140,415	2,585,146	27,744
c. Annuitants	<u>2,415,549</u>	<u>2,847,179</u>	<u>10,540,979</u>	<u>11,859,389</u>	<u>617,560</u>	<u>8,502,714</u>	<u>427,292</u>
2. Total Actuarial Accrued Liability	\$7,966,728	\$5,811,667	\$25,552,709	\$22,614,024	\$1,527,289	\$19,649,872	\$1,002,943
3. Actuarial value of assets	<u>6,698,779</u>	<u>4,720,983</u>	<u>22,212,202</u>	<u>20,466,206</u>	<u>1,416,924</u>	<u>15,868,419</u>	<u>843,270</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,267,949	\$1,090,684	\$3,340,507	\$2,147,818	\$110,365	\$3,781,453	\$159,673
5. Funded Ratio: (3) / (2)	84.1%	81.2%	86.9%	90.5%	92.8%	80.8%	84.1%
6. Annual Payroll	\$2,333,274	\$1,559,324	\$5,575,026	\$5,019,747	\$651,670	\$4,973,416	\$309,277
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.16%	9.72%	7.10%	4.83%	2.04%	10.48%	5.00%
Prior Service	<u>4.60%</u>	<u>4.04%</u>	<u>3.69%</u>	<u>4.11%</u>	<u>1.27%</u>	<u>4.40%</u>	<u>3.33%</u>
Total Retirement	8.76%	13.76%	10.79%	8.94%	3.31%	14.88%	8.33%
Supplemental Death	<u>0.24%</u>	<u>0.22%</u>	<u>0.20%</u>	<u>0.23%</u>	<u>0.32%</u>	<u>0.15%</u>	<u>0.26%</u>
Total Rate	9.00%	13.98%	10.99%	9.17%	3.63%	15.03%	8.59%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	13.64%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	13.50%	N/A	15.50%	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	16.0 years	29.0 years	25.9 years	13.5 years	19.0 years	28.9 years	24.0 years
Number of annuitants	22	16	82	75	7	40	2
Number of active contributing members	49	40	125	111	18	88	7
Number of inactive members	34	36	55	40	19	55	3
Average age of contributing members	46.2 years	44.1 years	42.4 years	43.9 years	46.8 years	43.7 years	50.2 years
Average length of service of contributing members	10.4 years	6.7 years	11.1 years	10.5 years	11.0 years	10.5 years	10.6 years

	Joaquin	Johnson City	Jones Creek	Jonestown	Josephine	Joshua	Jourdanton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$88,286	\$655,362	\$293,251	\$634,877	\$207,914	\$1,312,910	\$1,314,404
b. Noncontributing Members	31,701	253,216	0	166,365	0	696,831	227,677
c. Annuitants	<u>146,648</u>	<u>608,191</u>	<u>86,519</u>	<u>234,918</u>	<u>0</u>	<u>251,693</u>	<u>776,313</u>
2. Total Actuarial Accrued Liability	\$266,635	\$1,516,769	\$379,770	\$1,036,160	\$207,914	\$2,261,434	\$2,318,394
3. Actuarial value of assets	<u>205,676</u>	<u>1,236,823</u>	<u>322,447</u>	<u>915,052</u>	<u>192,485</u>	<u>2,348,039</u>	<u>2,024,948</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$60,959	\$279,946	\$57,323	\$121,108	\$15,429	(\$86,605)	\$293,446
5. Funded Ratio: (3) / (2)	77.1%	81.5%	84.9%	88.3%	92.6%	103.8%	87.3%
6. Annual Payroll	\$283,461	\$619,624	\$246,704	\$1,165,872	\$192,383	\$1,594,801	\$1,261,231
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.65%	6.49%	3.76%	4.54%	5.56%	5.40%	4.82%
Prior Service	<u>1.30%</u>	<u>2.91%</u>	<u>1.98%</u>	<u>0.60%</u>	<u>0.77%</u>	<u>-0.34%</u>	<u>1.34%</u>
Total Retirement	3.95%	9.40%	5.74%	5.14%	6.33%	5.06%	6.16%
Supplemental Death	<u>0.39%</u>	<u>0.14%</u>	<u>0.38%</u>	<u>0.24%</u>	<u>0.12%</u>	<u>0.12%</u>	<u>0.26%</u>
Total Rate	4.34%	9.54%	6.12%	5.38%	6.45%	5.18%	6.42%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	6.28%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	10.50%	N/A	N/A	N/A	13.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	26.8 years	24.1 years	15.9 years	29.0 years	13.5 years	25.0 years	29.2 years
Number of annuitants	3	5	2	4	0	4	11
Number of active contributing members	5	13	6	25	5	35	36
Number of inactive members	3	8	0	10	0	28	21
Average age of contributing members	57.5 years	45.2 years	54.9 years	48.5 years	45.8 years	43.0 years	48.6 years
Average length of service of contributing members	12.3 years	8.1 years	14.1 years	6.0 years	9.8 years	8.7 years	7.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Junction	Justin	Karnes City	Katy	Kaufman	Keene	Keller
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,456,355	\$630,706	\$983,186	\$21,849,323	\$6,393,015	\$6,545,505	\$47,765,673
b. Noncontributing Members	540,337	312,645	311,625	2,004,082	999,012	822,033	11,191,456
c. Annuitants	<u>1,712,754</u>	<u>334,548</u>	<u>796,936</u>	<u>13,353,095</u>	<u>4,181,629</u>	<u>1,653,156</u>	<u>20,297,626</u>
2. Total Actuarial Accrued Liability	\$3,709,446	\$1,277,899	\$2,091,747	\$37,206,500	\$11,573,656	\$9,020,694	\$79,254,755
3. Actuarial value of assets	<u>3,038,836</u>	<u>1,227,615</u>	<u>1,782,169</u>	<u>32,163,534</u>	<u>9,602,503</u>	<u>6,748,945</u>	<u>64,754,216</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$670,610	\$50,284	\$309,578	\$5,042,966	\$1,971,153	\$2,271,749	\$14,500,539
5. Funded Ratio: (3) / (2)	81.9%	96.1%	85.2%	86.4%	83.0%	74.8%	81.7%
6. Annual Payroll	\$646,907	\$1,173,236	\$1,132,554	\$9,560,655	\$2,827,835	\$2,462,278	\$18,403,410
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.41%	2.04%	3.42%	11.21%	9.99%	8.15%	9.97%
Prior Service	<u>6.01%</u>	<u>0.25%</u>	<u>1.58%</u>	<u>3.24%</u>	<u>4.03%</u>	<u>6.11%</u>	<u>4.96%</u>
Total Retirement	14.42%	2.29%	5.00%	14.45%	14.02%	14.26%	14.93%
Supplemental Death	<u>0.25%</u>	<u>0.00%</u>	<u>0.21%</u>	<u>0.18%</u>	<u>0.21%</u>	<u>0.17%</u>	<u>0.14%</u>
Total Rate	14.67%	2.29%	5.21%	14.63%	14.23%	14.43%	15.07%
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%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.9 years	28.5 years	29.0 years	26.1 years	29.0 years	23.0 years	25.0 years
Number of annuitants	13	5	8	52	33	14	101
Number of active contributing members	18	25	28	163	66	53	288
Number of inactive members	18	18	9	42	45	30	157
Average age of contributing members	45.4 years	39.1 years	45.1 years	42.4 years	43.0 years	41.7 years	42.0 years
Average length of service of contributing members	11.3 years	7.3 years	7.8 years	9.8 years	10.3 years	10.1 years	11.8 years

	Kemah	Kemp	Kenedy	Kennedale	Kermit	Kerrville	Kerrville PUB
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,440,978	\$47,236	\$1,079,210	\$5,812,296	\$3,925,939	\$33,483,103	\$11,364,182
b. Noncontributing Members	519,550	227,811	519,043	3,499,417	1,244,047	5,871,873	4,936,071
c. Annuitants	<u>598,432</u>	<u>232,506</u>	<u>366,841</u>	<u>2,887,632</u>	<u>4,487,375</u>	<u>26,113,861</u>	<u>6,435,355</u>
2. Total Actuarial Accrued Liability	\$3,558,960	\$507,553	\$1,965,094	\$12,199,345	\$9,657,361	\$65,468,837	\$22,735,608
3. Actuarial value of assets	<u>3,532,452</u>	<u>693,285</u>	<u>1,701,052</u>	<u>10,108,124</u>	<u>7,371,666</u>	<u>62,222,481</u>	<u>20,587,160</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$26,508	(\$185,732)	\$264,042	\$2,091,221	\$2,285,695	\$3,246,356	\$2,148,448
5. Funded Ratio: (3) / (2)	99.3%	136.6%	86.6%	82.9%	76.3%	95.0%	90.6%
6. Annual Payroll	\$1,937,638	\$201,761	\$1,573,260	\$3,557,884	\$2,092,890	\$14,961,156	\$3,933,431
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.15%	2.03%	3.31%	10.82%	9.05%	7.17%	8.45%
Prior Service	<u>0.08%</u>	<u>-2.03%</u>	<u>0.97%</u>	<u>3.40%</u>	<u>6.31%</u>	<u>1.25%</u>	<u>3.35%</u>
Total Retirement	5.23%	0.00%	4.28%	14.22%	15.36%	8.42%	11.80%
Supplemental Death	<u>0.13%</u>	<u>0.00%</u>	<u>0.19%</u>	<u>0.16%</u>	<u>0.23%</u>	<u>0.18%</u>	<u>0.22%</u>
Total Rate	5.36%	0.00%	4.47%	14.38%	15.59%	8.60%	12.02%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	13.49%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	7.50%	13.50%	N/A	15.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.4 years	25.0 years	29.0 years	29.0 years	29.0 years	29.2 years	26.1 years
Number of annuitants	7	8	8	25	28	200	27
Number of active contributing members	34	7	40	68	51	285	61
Number of inactive members	29	22	16	90	64	150	23
Average age of contributing members	42.9 years	44.1 years	44.7 years	41.0 years	45.0 years	43.4 years	45.0 years
Average length of service of contributing members	12.6 years	3.5 years	7.3 years	11.8 years	7.9 years	10.5 years	12.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Kilgore	Killeen	Kingsville	Kirby	Kirbyville	Knox City	Kountze
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$15,488,829	\$81,110,209	\$23,675,247	\$2,938,415	\$574,050	\$105,643	\$422,150
b. Noncontributing Members	1,751,996	7,630,588	4,634,348	1,400,579	119,572	226,125	114,618
c. Annuitants	<u>22,243,618</u>	<u>66,020,063</u>	<u>24,957,881</u>	<u>2,330,892</u>	<u>1,100,190</u>	<u>133,866</u>	<u>19,549</u>
2. Total Actuarial Accrued Liability	\$39,484,443	\$154,760,860	\$53,267,476	\$6,669,886	\$1,793,812	\$465,634	\$556,317
3. Actuarial value of assets	<u>32,940,736</u>	<u>137,094,823</u>	<u>48,216,816</u>	<u>5,520,051</u>	<u>1,459,677</u>	<u>571,290</u>	<u>586,803</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$6,543,707	\$17,666,037	\$5,050,660	\$1,149,835	\$334,135	(\$105,656)	(\$30,486)
5. Funded Ratio: (3) / (2)	83.4%	88.6%	90.5%	82.8%	81.4%	122.7%	105.5%
6. Annual Payroll	\$7,323,236	\$47,970,858	\$10,845,934	\$1,970,484	\$711,600	\$276,465	\$865,192
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.36%	4.97%	6.29%	9.74%	2.64%	3.47%	1.16%
Prior Service	<u>5.27%</u>	<u>3.16%</u>	<u>3.08%</u>	<u>3.37%</u>	<u>2.71%</u>	<u>-2.41%</u>	<u>-0.22%</u>
Total Retirement	14.63%	8.13%	9.37%	13.11%	5.35%	1.06%	0.94%
Supplemental Death	<u>0.22%</u>	<u>0.15%</u>	<u>0.00%</u>	<u>0.12%</u>	<u>0.33%</u>	<u>0.31%</u>	<u>0.16%</u>
Total Rate	14.85%	8.28%	9.37%	13.23%	5.68%	1.37%	1.10%
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	13.50%	N/A	13.50%	7.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.0 years	15.7 years	23.1 years	29.1 years	29.1 years	25.0 years	25.0 years
Number of annuitants	117	407	146	16	19	4	2
Number of active contributing members	155	1,017	271	55	23	9	23
Number of inactive members	74	337	118	71	28	14	38
Average age of contributing members	43.4 years	41.8 years	43.7 years	38.9 years	43.0 years	50.6 years	44.8 years
Average length of service of contributing members	8.7 years	10.6 years	9.5 years	7.7 years	6.6 years	8.9 years	6.2 years

	Kress	Krugerville	Krum	Kyle	La Coste	La Feria	La Grange
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$230,448	\$87,777	\$499,145	\$12,348,945	\$182,721	\$3,741,919	\$8,161,815
b. Noncontributing Members	3,057	34,738	477,676	1,032,174	27,746	514,527	971,053
c. Annuitants	<u>93,857</u>	<u>57,959</u>	<u>76,436</u>	<u>1,655,342</u>	<u>30,172</u>	<u>1,580,786</u>	<u>3,905,289</u>
2. Total Actuarial Accrued Liability	\$327,362	\$180,474	\$1,053,257	\$15,036,461	\$240,639	\$5,837,232	\$13,038,157
3. Actuarial value of assets	<u>307,902</u>	<u>152,133</u>	<u>1,142,978</u>	<u>11,362,532</u>	<u>277,006</u>	<u>4,330,650</u>	<u>10,836,375</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$19,460	\$28,341	(\$89,721)	\$3,673,929	(\$36,367)	\$1,506,582	\$2,201,782
5. Funded Ratio: (3) / (2)	94.1%	84.3%	108.5%	75.6%	115.1%	74.2%	83.1%
6. Annual Payroll	\$53,303	\$558,119	\$1,159,355	\$7,849,826	\$251,194	\$2,054,006	\$2,595,688
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.86%	7.16%	4.18%	8.80%	1.83%	4.06%	9.29%
Prior Service	<u>6.68%</u>	<u>0.47%</u>	<u>-0.49%</u>	<u>2.72%</u>	<u>-0.91%</u>	<u>5.71%</u>	<u>6.15%</u>
Total Retirement	10.54%	7.63%	3.69%	11.52%	0.92%	9.77%	15.44%
Supplemental Death	<u>0.00%</u>	<u>0.10%</u>	<u>0.13%</u>	<u>0.14%</u>	<u>0.00%</u>	<u>0.24%</u>	<u>0.26%</u>
Total Rate	10.54%	7.73%	3.82%	11.66%	0.92%	10.01%	15.70%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	6.49%	3.64%	10.88%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	11.50%	13.50%	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	6.2 years	14.2 years	25.0 years	28.7 years	25.0 years	18.0 years	20.0 years
Number of annuitants	3	1	4	13	3	22	26
Number of active contributing members	1	9	26	155	7	53	66
Number of inactive members	1	6	27	49	2	44	20
Average age of contributing members	62.2 years	43.5 years	41.7 years	41.0 years	52.0 years	45.4 years	49.2 years
Average length of service of contributing members	23.7 years	8.9 years	7.7 years	7.6 years	11.3 years	9.3 years	11.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	La Grulla	La Joya	La Marque	La Porte	La Vernia	Lacy-Lakeview	Ladonia
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$256,910	\$522,523	\$6,106,366	\$72,701,273	\$132,050	\$3,522,890	\$7,539
b. Noncontributing Members	39,489	108,346	3,558,754	6,792,526	102,435	551,554	16,596
c. Annuitants	<u>184,965</u>	<u>520,415</u>	<u>11,543,892</u>	<u>58,095,471</u>	<u>109,639</u>	<u>2,370,942</u>	<u>60,181</u>
2. Total Actuarial Accrued Liability	\$481,364	\$1,151,284	\$21,209,012	\$137,589,270	\$344,124	\$6,445,386	\$84,316
3. Actuarial value of assets	<u>606,253</u>	<u>458,887</u>	<u>18,522,633</u>	<u>118,097,181</u>	<u>231,638</u>	<u>4,786,676</u>	<u>118,504</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$124,889)	\$692,397	\$2,686,379	\$19,492,089	\$112,486	\$1,658,710	(\$34,188)
5. Funded Ratio: (3) / (2)	125.9%	39.9%	87.3%	85.8%	67.3%	74.3%	140.5%
6. Annual Payroll	\$248,959	\$1,115,991	\$5,148,481	\$21,632,636	\$546,227	\$1,942,722	\$57,733
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.46%	1.25%	6.09%	8.88%	1.25%	8.65%	3.84%
Prior Service	<u>-3.16%</u>	<u>4.23%</u>	<u>3.02%</u>	<u>6.76%</u>	<u>1.19%</u>	<u>4.93%</u>	<u>-3.73%</u>
Total Retirement	3.30%	5.48%	9.11%	15.64%	2.44%	13.58%	0.11%
Supplemental Death	<u>0.22%</u>	<u>0.18%</u>	<u>0.16%</u>	<u>0.16%</u>	<u>0.12%</u>	<u>0.18%</u>	<u>0.16%</u>
Total Rate	3.52%	5.66%	9.27%	15.80%	2.56%	13.76%	0.27%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	13.74%	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	11.50%	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	22.0 years	28.9 years	19.0 years	29.0 years	29.1 years	25.0 years
Number of annuitants	5	6	76	174	2	18	3
Number of active contributing members	10	39	102	373	16	49	2
Number of inactive members	8	49	92	127	6	25	5
Average age of contributing members	48.3 years	43.8 years	41.2 years	43.6 years	39.0 years	40.2 years	27.0 years
Average length of service of contributing members	8.7 years	5.3 years	7.9 years	12.6 years	4.6 years	7.7 years	1.4 years

	Lago Vista	Laguna Vista	Lake Dallas	Lake Jackson	Lake Worth	Lakeport	Lakeside
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,226,884	\$396,377	\$3,704,253	\$28,138,592	\$10,869,364	\$147,964	\$584,554
b. Noncontributing Members	672,956	110,115	1,204,763	4,052,116	1,238,392	1,507	87,223
c. Annuitants	<u>1,565,185</u>	<u>0</u>	<u>2,854,593</u>	<u>21,258,536</u>	<u>4,166,768</u>	<u>25,984</u>	<u>96,936</u>
2. Total Actuarial Accrued Liability	\$7,465,025	\$506,492	\$7,763,609	\$53,449,244	\$16,274,524	\$175,455	\$768,713
3. Actuarial value of assets	<u>7,297,801</u>	<u>518,663</u>	<u>6,645,124</u>	<u>49,074,863</u>	<u>12,725,822</u>	<u>271,064</u>	<u>752,892</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$167,224	(\$12,171)	\$1,118,485	\$4,374,381	\$3,548,702	(\$95,609)	\$15,821
5. Funded Ratio: (3) / (2)	97.8%	102.4%	85.6%	91.8%	78.2%	154.5%	97.9%
6. Annual Payroll	\$3,493,261	\$564,822	\$1,867,243	\$9,930,048	\$4,806,460	\$166,798	\$504,866
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.17%	2.64%	8.92%	7.82%	7.98%	2.70%	6.91%
Prior Service	<u>0.31%</u>	<u>-0.14%</u>	<u>3.64%</u>	<u>3.91%</u>	<u>4.54%</u>	<u>-2.70%</u>	<u>0.22%</u>
Total Retirement	6.48%	2.50%	12.56%	11.73%	12.52%	0.00%	7.13%
Supplemental Death	<u>0.21%</u>	<u>0.12%</u>	<u>0.24%</u>	<u>0.21%</u>	<u>0.17%</u>	<u>0.15%</u>	<u>0.27%</u>
Total Rate	6.69%	2.62%	12.80%	11.94%	12.69%	0.15%	7.40%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	6.58%
Statutory Maximum Rate (Total Retirement Only)	12.50%	N/A	13.50%	N/A	12.50%	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.9 years	25.0 years	26.5 years	15.0 years	26.0 years	25.0 years	21.0 years
Number of annuitants	25	0	31	110	31	1	2
Number of active contributing members	87	15	32	208	95	5	10
Number of inactive members	42	7	35	118	48	1	14
Average age of contributing members	47.1 years	44.4 years	44.5 years	42.1 years	43.6 years	45.6 years	45.2 years
Average length of service of contributing members	8.1 years	6.0 years	7.9 years	11.1 years	11.2 years	9.2 years	11.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Lakeside City	Lakeway	Lamesa	Lampasas	Lancaster	Laredo	Lavon
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$71,870	\$8,242,830	\$4,926,269	\$11,978,000	\$26,903,129	\$344,811,384	\$355,427
b. Noncontributing Members	0	1,836,602	1,144,080	2,322,733	11,389,291	16,724,082	275,219
c. Annuitants	<u>56,274</u>	<u>4,704,826</u>	<u>8,061,125</u>	<u>5,667,221</u>	<u>30,901,220</u>	<u>155,962,113</u>	<u>24,380</u>
2. Total Actuarial Accrued Liability	\$128,144	\$14,784,258	\$14,131,474	\$19,967,954	\$69,193,640	\$517,497,579	\$655,026
3. Actuarial value of assets	<u>134,829</u>	<u>11,539,572</u>	<u>14,405,574</u>	<u>16,086,190</u>	<u>56,618,817</u>	<u>354,875,377</u>	<u>675,619</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$6,685)	\$3,244,686	(\$274,100)	\$3,881,764	\$12,574,823	\$162,622,202	(\$20,593)
5. Funded Ratio: (3) / (2)	105.2%	78.1%	101.9%	80.6%	81.8%	68.6%	103.1%
6. Annual Payroll	\$124,302	\$5,565,606	\$2,956,118	\$4,755,037	\$13,863,623	\$99,036,928	\$664,204
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.56%	9.58%	4.18%	9.02%	8.06%	9.39%	4.91%
Prior Service	<u>-0.34%</u>	<u>3.37%</u>	<u>-0.58%</u>	<u>5.14%</u>	<u>5.24%</u>	<u>11.90%</u>	<u>-0.20%</u>
Total Retirement	1.22%	12.95%	3.60%	14.16%	13.30%	21.29%	4.71%
Supplemental Death	<u>0.20%</u>	<u>0.15%</u>	<u>0.00%</u>	<u>0.18%</u>	<u>0.14%</u>	<u>0.19%</u>	<u>0.16%</u>
Total Rate	1.42%	13.10%	3.60%	14.34%	13.44%	21.48%	4.87%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	12.78%	N/A	N/A	N/A	N/A	4.38%
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	13.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	29.0 years	25.0 years	25.0 years	29.0 years	20.0 years	25.0 years
Number of annuitants	3	44	49	53	159	780	1
Number of active contributing members	3	97	63	112	223	2,003	15
Number of inactive members	0	64	37	56	188	427	13
Average age of contributing members	46.8 years	42.9 years	46.5 years	42.3 years	39.5 years	44.3 years	47.2 years
Average length of service of contributing members	13.0 years	7.8 years	8.5 years	9.6 years	8.4 years	11.6 years	7.9 years

	League City	Leander	Lefors	Leon Valley	Leonard	Levelland	Lewisville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$70,253,163	\$15,291,667	\$26,213	\$13,151,923	\$165,782	\$13,019,794	\$140,543,469
b. Noncontributing Members	11,860,832	1,862,975	0	4,590,096	251,447	1,478,809	15,069,511
c. Annuitants	<u>35,407,137</u>	<u>4,736,326</u>	<u>0</u>	<u>18,998,669</u>	<u>199,986</u>	<u>9,135,825</u>	<u>93,533,036</u>
2. Total Actuarial Accrued Liability	\$117,521,132	\$21,890,968	\$26,213	\$36,740,688	\$617,215	\$23,634,428	\$249,146,016
3. Actuarial value of assets	<u>92,117,510</u>	<u>16,760,480</u>	<u>3,214</u>	<u>32,965,514</u>	<u>674,026</u>	<u>21,204,996</u>	<u>205,312,907</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$25,403,622	\$5,130,488	\$22,999	\$3,775,174	(\$56,811)	\$2,429,432	\$43,833,109
5. Funded Ratio: (3) / (2)	78.4%	76.6%	12.3%	89.7%	109.2%	89.7%	82.4%
6. Annual Payroll	\$28,743,262	\$10,856,055	\$99,770	\$4,979,483	\$553,360	\$4,716,397	\$46,322,426
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.01%	9.45%	0.78%	8.66%	1.26%	7.93%	9.63%
Prior Service	<u>5.85%</u>	<u>2.73%</u>	<u>3.07%</u>	<u>5.32%</u>	<u>-0.65%</u>	<u>4.01%</u>	<u>6.64%</u>
Total Retirement	14.86%	12.18%	3.85%	13.98%	0.61%	11.94%	16.27%
Supplemental Death	<u>0.15%</u>	<u>0.13%</u>	<u>0.05%</u>	<u>0.19%</u>	<u>0.25%</u>	<u>0.19%</u>	<u>0.00%</u>
Total Rate	15.01%	12.31%	3.90%	14.17%	0.86%	12.13%	16.27%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	11.74%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	15.50%	13.50%	N/A	N/A	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.0 years	29.0 years	9.0 years	21.0 years	25.0 years	18.0 years	21.0 years
Number of annuitants	166	37	0	79	4	47	326
Number of active contributing members	479	196	4	99	14	97	699
Number of inactive members	167	80	0	48	20	21	244
Average age of contributing members	41.6 years	41.5 years	29.9 years	44.3 years	44.6 years	43.3 years	41.8 years
Average length of service of contributing members	9.9 years	8.5 years	3.0 years	13.1 years	4.7 years	11.0 years	12.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Lexington	Liberty	Liberty Hill	Lindale	Linden	Lipan	Little Elm
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$370,542	\$7,775,615	\$202,610	\$3,731,303	\$475,645	\$97,935	\$17,209,788
b. Noncontributing Members	373,146	2,494,491	104,564	515,257	115,994	0	1,642,927
c. Annuitants	<u>896,363</u>	<u>1,995,671</u>	<u>0</u>	<u>1,294,463</u>	<u>77,047</u>	<u>0</u>	<u>2,353,646</u>
2. Total Actuarial Accrued Liability	\$1,640,051	\$12,265,777	\$307,174	\$5,541,023	\$668,686	\$97,935	\$21,206,361
3. Actuarial value of assets	<u>1,445,402</u>	<u>6,683,894</u>	<u>290,914</u>	<u>3,751,597</u>	<u>687,035</u>	<u>98,865</u>	<u>16,922,763</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$194,649	\$5,581,883	\$16,260	\$1,789,426	(\$18,349)	(\$930)	\$4,283,598
5. Funded Ratio: (3) / (2)	88.1%	54.5%	94.7%	67.7%	102.7%	100.9%	79.8%
6. Annual Payroll	\$412,414	\$4,118,344	\$520,101	\$2,092,948	\$489,549	\$154,609	\$11,278,305
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.02%	4.89%	2.53%	8.34%	1.58%	1.73%	10.70%
Prior Service	<u>2.77%</u>	<u>12.85%</u>	<u>0.22%</u>	<u>6.00%</u>	<u>-0.24%</u>	<u>-0.04%</u>	<u>2.22%</u>
Total Retirement	8.79%	17.74%	2.75%	14.34%	1.34%	1.69%	12.92%
Supplemental Death	<u>0.00%</u>	<u>0.00%</u>	<u>0.22%</u>	<u>0.00%</u>	<u>0.38%</u>	<u>0.23%</u>	<u>0.13%</u>
Total Rate	8.79%	17.74%	2.97%	14.34%	1.72%	1.92%	13.05%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	8.77%	N/A	N/A	N/A	N/A	N/A	12.28%
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 1/2016	28.2 years	13.8 years	20.9 years	21.0 years	25.0 years	25.0 years	28.4 years
Number of annuitants	7	26	0	9	3	0	26
Number of active contributing members	11	98	15	49	12	5	198
Number of inactive members	15	97	6	18	10	0	78
Average age of contributing members	41.4 years	41.9 years	47.4 years	43.4 years	53.5 years	54.2 years	42.7 years
Average length of service of contributing members	3.9 years	8.8 years	4.2 years	8.3 years	12.2 years	7.1 years	8.8 years

	Littlefield	Live Oak	Liverpool	Livingston	Llano	Lockhart	Lockney
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,253,176	\$20,780,722	\$22,863	\$14,591,025	\$2,934,645	\$13,856,453	\$292,802
b. Noncontributing Members	1,420,862	2,586,035	8,565	1,068,570	707,222	3,789,998	53,322
c. Annuitants	<u>2,567,154</u>	<u>9,776,949</u>	<u>0</u>	<u>7,618,524</u>	<u>2,290,676</u>	<u>8,812,681</u>	<u>88,844</u>
2. Total Actuarial Accrued Liability	\$7,241,192	\$33,143,706	\$31,428	\$23,278,119	\$5,932,543	\$26,459,132	\$434,968
3. Actuarial value of assets	<u>6,338,264</u>	<u>26,445,342</u>	<u>28,682</u>	<u>19,453,815</u>	<u>4,832,580</u>	<u>22,699,508</u>	<u>635,179</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$902,928	\$6,698,364	\$2,746	\$3,824,304	\$1,099,963	\$3,759,624	(\$200,211)
5. Funded Ratio: (3) / (2)	87.5%	79.8%	91.3%	83.6%	81.5%	85.8%	146.0%
6. Annual Payroll	\$2,036,465	\$6,245,579	\$164,083	\$3,741,725	\$1,785,462	\$5,638,390	\$158,761
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.99%	10.31%	1.73%	8.09%	5.20%	7.18%	2.05%
Prior Service	<u>3.11%</u>	<u>7.31%</u>	<u>0.19%</u>	<u>7.96%</u>	<u>4.47%</u>	<u>4.68%</u>	<u>-2.05%</u>
Total Retirement	9.10%	17.62%	1.92%	16.05%	9.67%	11.86%	0.00%
Supplemental Death	<u>0.22%</u>	<u>0.15%</u>	<u>0.18%</u>	<u>0.26%</u>	<u>0.34%</u>	<u>0.23%</u>	<u>0.67%</u>
Total Rate	9.32%	17.77%	2.10%	16.31%	10.01%	12.09%	0.67%
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	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	21.0 years	22.0 years	10.9 years	18.0 years	20.0 years	21.0 years	25.0 years
Number of annuitants	38	54	0	35	32	61	2
Number of active contributing members	55	114	4	83	38	128	4
Number of inactive members	36	42	4	12	20	86	5
Average age of contributing members	40.0 years	43.8 years	46.4 years	45.1 years	49.1 years	41.7 years	45.7 years
Average length of service of contributing members	8.2 years	13.8 years	2.2 years	12.2 years	10.8 years	10.3 years	10.3 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Lone Star	Longview	Loraine	Lorena	Lorenzo	Los Fresnos	Lott
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$509,399	\$74,421,405	\$3,649	\$517,864	\$138,714	\$1,970,785	\$70,934
b. Noncontributing Members	461,652	11,291,795	58,817	405,961	60,606	304,834	37,263
c. Annuitants	<u>286,815</u>	<u>67,996,157</u>	<u>20,003</u>	<u>93,657</u>	<u>178,286</u>	<u>401,830</u>	<u>10,080</u>
2. Total Actuarial Accrued Liability	\$1,257,866	\$153,709,357	\$82,469	\$1,017,482	\$377,606	\$2,677,449	\$118,277
3. Actuarial value of assets	<u>1,272,943</u>	<u>139,137,202</u>	<u>83,700</u>	<u>1,012,165</u>	<u>463,870</u>	<u>3,045,457</u>	<u>148,494</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$15,077)	\$14,572,155	(\$1,231)	\$5,317	(\$86,264)	(\$368,008)	(\$30,217)
5. Funded Ratio: (3) / (2)	101.2%	90.5%	101.5%	99.5%	122.8%	113.7%	125.5%
6. Annual Payroll	\$418,878	\$31,560,559	\$103,903	\$576,789	\$214,737	\$1,775,298	\$317,942
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.06%	6.57%	2.12%	6.62%	4.71%	2.13%	1.47%
Prior Service	<u>-0.23%</u>	<u>3.29%</u>	<u>-0.07%</u>	<u>0.05%</u>	<u>-2.53%</u>	<u>-1.30%</u>	<u>-0.60%</u>
Total Retirement	2.83%	9.86%	2.05%	6.67%	2.18%	0.83%	0.87%
Supplemental Death	<u>0.18%</u>	<u>0.20%</u>	<u>0.05%</u>	<u>0.25%</u>	<u>0.00%</u>	<u>0.17%</u>	<u>0.24%</u>
Total Rate	3.01%	10.06%	2.10%	6.92%	2.18%	1.00%	1.11%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	6.54%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	15.50%	N/A	10.50%	9.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	20.5 years	25.0 years	29.3 years	25.0 years	25.0 years	25.0 years
Number of annuitants	4	434	1	5	5	11	2
Number of active contributing members	10	626	3	15	7	51	8
Number of inactive members	10	249	5	16	4	35	24
Average age of contributing members	45.9 years	43.5 years	34.4 years	48.3 years	43.8 years	40.8 years	43.5 years
Average length of service of contributing members	12.4 years	10.2 years	0.6 years	7.8 years	4.5 years	9.5 years	2.6 years

	Lovelady	Lubbock	Lucas	Lufkin	Luling	Lumberton	Lyford
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$31,521	\$268,132,316	\$1,096,217	\$44,224,071	\$5,523,199	\$5,931,014	\$466,322
b. Noncontributing Members	3,292	43,481,442	893,605	5,635,963	443,592	291,220	2,182
c. Annuitants	<u>11,925</u>	<u>316,416,378</u>	<u>325,319</u>	<u>35,062,983</u>	<u>2,434,095</u>	<u>1,727,471</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$46,738	\$628,030,136	\$2,315,141	\$84,923,017	\$8,400,886	\$7,949,705	\$468,504
3. Actuarial value of assets	<u>32,470</u>	<u>512,967,659</u>	<u>1,710,590</u>	<u>67,747,486</u>	<u>6,781,528</u>	<u>5,983,518</u>	<u>319,742</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$14,268	\$115,062,477	\$604,551	\$17,175,531	\$1,619,358	\$1,966,187	\$148,762
5. Funded Ratio: (3) / (2)	69.5%	81.7%	73.9%	79.8%	80.7%	75.3%	68.2%
6. Annual Payroll	\$105,312	\$91,793,485	\$1,424,987	\$15,403,985	\$3,159,953	\$1,969,176	\$388,998
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.93%	9.66%	10.71%	7.89%	4.91%	9.89%	1.12%
Prior Service	<u>1.16%</u>	<u>8.30%</u>	<u>2.61%</u>	<u>7.83%</u>	<u>3.60%</u>	<u>6.80%</u>	<u>3.24%</u>
Total Retirement	6.09%	17.96%	13.32%	15.72%	8.51%	16.69%	4.36%
Supplemental Death	<u>0.17%</u>	<u>0.00%</u>	<u>0.16%</u>	<u>0.21%</u>	<u>0.29%</u>	<u>0.19%</u>	<u>0.00%</u>
Total Rate	6.26%	17.96%	13.48%	15.93%	8.80%	16.88%	4.36%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	13.31%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	13.50%	N/A	11.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	15.8 years	23.0 years	26.0 years	21.0 years	21.0 years	22.0 years	16.0 years
Number of annuitants	1	1,160	7	197	35	16	0
Number of active contributing members	3	1,683	26	340	79	40	14
Number of inactive members	2	581	25	147	39	7	4
Average age of contributing members	49.0 years	43.5 years	44.4 years	43.2 years	43.6 years	46.0 years	49.7 years
Average length of service of contributing members	4.1 years	11.1 years	6.7 years	10.5 years	9.7 years	10.2 years	15.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Lytle	Madisonville	Magnolia	Malakoff	Manor	Mansfield	Manvel
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,175,298	\$2,180,206	\$426,650	\$1,090,398	\$1,267,055	\$90,178,413	\$814,537
b. Noncontributing Members	108,154	297,097	264,690	195,683	265,179	6,424,620	161,672
c. Annuitants	<u>99,944</u>	<u>1,044,704</u>	<u>285,807</u>	<u>375,856</u>	<u>120,194</u>	<u>25,928,112</u>	<u>230,770</u>
2. Total Actuarial Accrued Liability	\$2,383,396	\$3,522,007	\$977,147	\$1,661,937	\$1,652,428	\$122,531,145	\$1,206,979
3. Actuarial value of assets	<u>2,006,814</u>	<u>2,940,805</u>	<u>1,074,026</u>	<u>1,587,212</u>	<u>1,725,247</u>	<u>103,720,933</u>	<u>1,175,622</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$376,582	\$581,202	(\$96,879)	\$74,725	(\$72,819)	\$18,810,212	\$31,357
5. Funded Ratio: (3) / (2)	84.2%	83.5%	109.9%	95.5%	104.4%	84.6%	97.4%
6. Annual Payroll	\$916,098	\$1,361,621	\$1,248,430	\$1,023,297	\$1,930,589	\$31,222,146	\$1,289,642
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.95%	6.28%	1.87%	5.49%	3.60%	10.35%	5.49%
Prior Service	<u>3.06%</u>	<u>2.75%</u>	<u>-0.49%</u>	<u>0.43%</u>	<u>-0.24%</u>	<u>3.79%</u>	<u>0.16%</u>
Total Retirement	9.01%	9.03%	1.38%	5.92%	3.36%	14.14%	5.65%
Supplemental Death	<u>0.15%</u>	<u>0.38%</u>	<u>0.30%</u>	<u>0.22%</u>	<u>0.11%</u>	<u>0.14%</u>	<u>0.14%</u>
Total Rate	9.16%	9.41%	1.68%	6.14%	3.47%	14.28%	5.79%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	1.46%	5.32%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	11.50%	8.50%	13.50%	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	19.2 years	24.1 years	25.0 years	28.1 years	25.0 years	25.0 years	23.2 years
Number of annuitants	1	19	12	11	3	132	7
Number of active contributing members	22	34	24	26	42	496	30
Number of inactive members	6	25	22	14	31	137	22
Average age of contributing members	43.1 years	45.6 years	43.2 years	48.9 years	39.3 years	41.6 years	42.1 years
Average length of service of contributing members	10.0 years	8.9 years	9.0 years	10.4 years	6.9 years	10.7 years	8.6 years

	Marble Falls	Marfa	Marion	Marlin	Marshall	Mart	Martindale
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$10,282,126	\$874,337	\$575,470	\$1,337,100	\$20,544,976	\$272,683	\$57,950
b. Noncontributing Members	1,892,105	147,438	47,683	749,026	3,479,252	346,307	50,732
c. Annuitants	<u>5,031,135</u>	<u>1,133,233</u>	<u>97,931</u>	<u>2,826,483</u>	<u>27,711,017</u>	<u>387,414</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$17,205,366	\$2,155,008	\$721,084	\$4,912,609	\$51,735,245	\$1,006,404	\$108,682
3. Actuarial value of assets	<u>17,649,506</u>	<u>2,623,680</u>	<u>787,723</u>	<u>4,131,815</u>	<u>43,712,722</u>	<u>1,262,615</u>	<u>73,192</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$444,140)	(\$468,672)	(\$66,639)	\$780,794	\$8,022,523	(\$256,211)	\$35,490
5. Funded Ratio: (3) / (2)	102.6%	121.7%	109.2%	84.1%	84.5%	125.5%	67.3%
6. Annual Payroll	\$5,739,475	\$955,602	\$468,714	\$1,640,093	\$8,102,678	\$437,560	\$146,078
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.84%	4.00%	5.93%	6.54%	9.80%	4.96%	5.61%
Prior Service	<u>-0.49%</u>	<u>-3.09%</u>	<u>-0.89%</u>	<u>2.75%</u>	<u>6.39%</u>	<u>-3.69%</u>	<u>3.24%</u>
Total Retirement	4.35%	0.91%	5.04%	9.29%	16.19%	1.27%	8.85%
Supplemental Death	<u>0.18%</u>	<u>0.40%</u>	<u>0.42%</u>	<u>0.31%</u>	<u>0.26%</u>	<u>0.25%</u>	<u>0.16%</u>
Total Rate	4.53%	1.31%	5.46%	9.60%	16.45%	1.52%	9.01%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	8.83%	N/A	1.25%	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	11.50%	11.50%	N/A	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	25.0 years	29.0 years	24.0 years	25.0 years	9.0 years
Number of annuitants	61	20	3	43	156	8	0
Number of active contributing members	105	26	11	47	179	12	4
Number of inactive members	56	21	8	75	60	32	4
Average age of contributing members	43.6 years	49.4 years	50.5 years	44.5 years	45.7 years	41.4 years	50.4 years
Average length of service of contributing members	10.6 years	6.0 years	8.4 years	6.8 years	11.0 years	5.3 years	7.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Mason	Matador	Mathis	Maud	Maypearl	McAllen	McCamey
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,911,016	\$85,070	\$590,880	\$64,353	\$89,995	\$133,810,156	\$969,272
b. Noncontributing Members	166,218	0	590,381	1,071	73,533	13,732,335	13,109
c. Annuitants	<u>573,884</u>	<u>95,757</u>	<u>1,136,462</u>	<u>0</u>	<u>35,158</u>	<u>65,571,945</u>	<u>428,281</u>
2. Total Actuarial Accrued Liability	\$2,651,118	\$180,827	\$2,317,723	\$65,424	\$198,686	\$213,114,436	\$1,410,662
3. Actuarial value of assets	<u>2,417,295</u>	<u>135,982</u>	<u>2,773,537</u>	<u>23,248</u>	<u>197,428</u>	<u>202,571,016</u>	<u>1,461,552</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$233,823	\$44,845	(\$455,814)	\$42,176	\$1,258	\$10,543,420	(\$50,890)
5. Funded Ratio: (3) / (2)	91.2%	75.2%	119.7%	35.5%	99.4%	95.1%	103.6%
6. Annual Payroll	\$1,121,990	\$132,108	\$1,396,124	\$187,128	\$217,308	\$64,858,050	\$367,070
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.19%	2.14%	5.10%	1.44%	1.58%	4.39%	2.48%
Prior Service	<u>1.85%</u>	<u>3.98%</u>	<u>-2.06%</u>	<u>1.84%</u>	<u>0.06%</u>	<u>1.89%</u>	<u>-0.87%</u>
Total Retirement	6.04%	6.12%	3.04%	3.28%	1.64%	6.28%	1.61%
Supplemental Death	<u>0.23%</u>	<u>0.36%</u>	<u>0.19%</u>	<u>0.12%</u>	<u>0.21%</u>	<u>0.00%</u>	<u>0.23%</u>
Total Rate	6.27%	6.48%	3.23%	3.40%	1.85%	6.28%	1.84%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	2.59%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	N/A	13.50%	N/A	7.50%	13.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	15.0 years	10.5 years	25.0 years	16.8 years	12.3 years	10.6 years	25.0 years
Number of annuitants	10	1	22	0	1	412	7
Number of active contributing members	32	3	46	7	7	1,489	10
Number of inactive members	12	0	86	2	8	304	5
Average age of contributing members	46.1 years	56.0 years	42.6 years	41.2 years	46.4 years	41.8 years	44.7 years
Average length of service of contributing members	8.9 years	9.5 years	4.7 years	3.6 years	7.2 years	10.5 years	9.8 years

	McGregor	McKinney	McLean	McLendon-Chisholm	Meadowlakes	Meadows Place	Melissa
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,539,473	\$131,850,124	\$147,020	\$48,894	\$257,369	\$2,658,414	\$1,811,871
b. Noncontributing Members	1,139,822	22,869,684	192,706	0	74,197	750,137	128,481
c. Annuitants	<u>2,445,573</u>	<u>51,147,517</u>	<u>4,414</u>	<u>0</u>	<u>0</u>	<u>2,102,368</u>	<u>399,669</u>
2. Total Actuarial Accrued Liability	\$6,124,868	\$205,867,325	\$344,140	\$48,894	\$331,566	\$5,510,919	\$2,340,021
3. Actuarial value of assets	<u>5,114,432</u>	<u>168,797,943</u>	<u>352,333</u>	<u>3,899</u>	<u>374,895</u>	<u>5,495,399</u>	<u>2,077,589</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,010,436	\$37,069,382	(\$8,193)	\$44,995	(\$43,329)	\$15,520	\$262,432
5. Funded Ratio: (3) / (2)	83.5%	82.0%	102.4%	8.0%	113.1%	99.7%	88.8%
6. Annual Payroll	\$2,127,697	\$57,746,695	\$219,565	\$121,754	\$497,266	\$1,382,975	\$1,903,392
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.80%	11.47%	1.81%	2.31%	1.85%	5.26%	6.26%
Prior Service	<u>2.75%</u>	<u>3.71%</u>	<u>-0.23%</u>	<u>6.10%</u>	<u>-0.55%</u>	<u>0.66%</u>	<u>0.81%</u>
Total Retirement	10.55%	15.18%	1.58%	8.41%	1.30%	5.92%	7.07%
Supplemental Death	<u>0.25%</u>	<u>0.13%</u>	<u>0.24%</u>	<u>0.81%</u>	<u>0.15%</u>	<u>0.19%</u>	<u>0.16%</u>
Total Rate	10.80%	15.31%	1.82%	9.22%	1.45%	6.11%	7.23%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	6.35%
Statutory Maximum Rate (Total Retirement Only)	12.50%	N/A	N/A	N/A	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.9 years	29.0 years	25.0 years	7.0 years	25.0 years	1.8 years	28.2 years
Number of annuitants	30	226	1	0	0	11	9
Number of active contributing members	49	870	6	2	10	23	43
Number of inactive members	45	289	5	0	7	27	20
Average age of contributing members	43.7 years	41.9 years	53.0 years	57.3 years	41.4 years	48.4 years	43.0 years
Average length of service of contributing members	8.2 years	10.7 years	7.2 years	7.9 years	4.3 years	11.9 years	10.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Memorial Villages PD	Memphis	Menard	Mercedes	Meridian	Merkel	Mertzon
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,281,055	\$1,230,013	\$519,344	\$12,851,089	\$443,619	\$599,152	\$11,268
b. Noncontributing Members	809,648	5,550	54,160	1,112,205	5,200	119,531	110,273
c. Annuitants	<u>8,962,487</u>	<u>819,324</u>	<u>869,733</u>	<u>4,445,766</u>	<u>98,630</u>	<u>876,906</u>	<u>270,285</u>
2. Total Actuarial Accrued Liability	\$13,053,190	\$2,054,887	\$1,443,237	\$18,409,060	\$547,449	\$1,595,589	\$391,826
3. Actuarial value of assets	<u>11,067,729</u>	<u>2,034,485</u>	<u>1,730,150</u>	<u>12,924,156</u>	<u>602,655</u>	<u>1,089,412</u>	<u>194,111</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,985,461	\$20,402	(\$286,913)	\$5,484,904	(\$55,206)	\$506,177	\$197,715
5. Funded Ratio: (3) / (2)	84.8%	99.0%	119.9%	70.2%	110.1%	68.3%	49.5%
6. Annual Payroll	\$3,151,316	\$527,010	\$250,347	\$4,349,481	\$337,759	\$483,951	\$263,284
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.66%	4.29%	3.21%	10.50%	3.29%	7.28%	4.14%
Prior Service	<u>3.64%</u>	<u>0.64%</u>	<u>-3.21%</u>	<u>8.59%</u>	<u>-1.03%</u>	<u>6.05%</u>	<u>4.34%</u>
Total Retirement	9.30%	4.93%	0.00%	19.09%	2.26%	13.33%	8.48%
Supplemental Death	<u>0.16%</u>	<u>0.26%</u>	<u>0.00%</u>	<u>0.19%</u>	<u>0.11%</u>	<u>0.12%</u>	<u>0.28%</u>
Total Rate	9.46%	5.19%	0.00%	19.28%	2.37%	13.45%	8.76%
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 1/2016	29.0 years	7.0 years	25.0 years	22.0 years	25.0 years	29.0 years	29.0 years
Number of annuitants	33	9	4	40	2	7	2
Number of active contributing members	41	18	7	111	9	15	5
Number of inactive members	12	5	2	47	2	10	10
Average age of contributing members	42.1 years	47.2 years	49.1 years	44.4 years	41.1 years	39.5 years	41.6 years
Average length of service of contributing members	11.5 years	11.8 years	13.3 years	10.8 years	8.5 years	5.8 years	0.8 years

	Mesquite	Mexia	Midland	Midlothian	Milano	Miles	Milford
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$194,181,677	\$8,101,552	\$111,287,877	\$20,405,512	\$10,812	\$36,891	\$666,355
b. Noncontributing Members	18,907,486	1,126,039	21,955,997	3,654,686	0	134,187	25,172
c. Annuitants	<u>196,963,018</u>	<u>4,991,127</u>	<u>152,714,876</u>	<u>10,540,942</u>	<u>0</u>	<u>0</u>	<u>76,212</u>
2. Total Actuarial Accrued Liability	\$410,052,181	\$14,218,718	\$285,958,750	\$34,601,140	\$10,812	\$171,078	\$767,739
3. Actuarial value of assets	<u>377,923,752</u>	<u>12,260,974</u>	<u>246,596,743</u>	<u>27,843,295</u>	<u>724</u>	<u>234,475</u>	<u>663,394</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$32,128,429	\$1,957,744	\$39,362,007	\$6,757,845	\$10,088	(\$63,397)	\$104,345
5. Funded Ratio: (3) / (2)	92.2%	86.2%	86.2%	80.5%	6.7%	137.1%	86.4%
6. Annual Payroll	\$69,025,202	\$3,980,132	\$41,220,171	\$10,840,083	\$64,200	\$93,788	\$233,263
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.75%	8.96%	8.51%	10.45%	1.49%	1.00%	3.57%
Prior Service	<u>5.39%</u>	<u>2.84%</u>	<u>6.51%</u>	<u>3.60%</u>	<u>2.60%</u>	<u>-1.00%</u>	<u>4.71%</u>
Total Retirement	10.14%	11.80%	15.02%	14.05%	4.09%	0.00%	8.28%
Supplemental Death	<u>0.00%</u>	<u>0.22%</u>	<u>0.21%</u>	<u>0.15%</u>	<u>0.29%</u>	<u>0.07%</u>	<u>0.52%</u>
Total Rate	10.14%	12.02%	15.23%	14.20%	4.38%	0.07%	8.80%
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	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	10.7 years	29.1 years	22.0 years	29.1 years	7.0 years	25.0 years	12.0 years
Number of annuitants	665	45	558	67	0	0	2
Number of active contributing members	1,038	99	703	189	2	4	8
Number of inactive members	300	70	458	74	0	5	4
Average age of contributing members	42.9 years	41.6 years	41.8 years	41.5 years	46.1 years	41.4 years	53.7 years
Average length of service of contributing members	12.1 years	8.2 years	9.7 years	9.9 years	3.4 years	3.8 years	10.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Mineola	Mineral Wells	Mission	Missouri City	Monahans	Mont Belvieu	Montgomery
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,724,097	\$13,672,736	\$48,872,990	\$32,392,220	\$6,825,736	\$11,872,462	\$231,632
b. Noncontributing Members	649,163	2,541,626	4,668,302	8,608,638	590,617	2,189,924	262,677
c. Annuitants	<u>2,011,130</u>	<u>12,579,919</u>	<u>18,052,014</u>	<u>43,205,416</u>	<u>4,554,441</u>	<u>3,248,405</u>	<u>317,642</u>
2. Total Actuarial Accrued Liability	\$5,384,390	\$28,794,281	\$71,593,306	\$84,206,274	\$11,970,794	\$17,310,791	\$811,951
3. Actuarial value of assets	<u>5,875,341</u>	<u>26,196,732</u>	<u>63,667,418</u>	<u>84,436,087</u>	<u>10,207,758</u>	<u>12,721,817</u>	<u>950,878</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$490,951)	\$2,597,549	\$7,925,888	(\$229,813)	\$1,763,036	\$4,588,974	(\$138,927)
5. Funded Ratio: (3) / (2)	109.1%	91.0%	88.9%	100.3%	85.3%	73.5%	117.1%
6. Annual Payroll	\$2,046,467	\$7,268,923	\$26,781,741	\$19,459,114	\$3,180,275	\$4,164,641	\$829,422
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.04%	6.07%	6.08%	4.89%	5.26%	9.50%	5.18%
Prior Service	<u>-1.51%</u>	<u>2.78%</u>	<u>1.78%</u>	<u>0.51%</u>	<u>3.67%</u>	<u>6.43%</u>	<u>-1.05%</u>
Total Retirement	3.53%	8.85%	7.86%	5.40%	8.93%	15.93%	4.13%
Supplemental Death	<u>0.23%</u>	<u>0.25%</u>	<u>0.14%</u>	<u>0.12%</u>	<u>0.25%</u>	<u>0.16%</u>	<u>0.00%</u>
Total Rate	3.76%	9.10%	8.00%	5.52%	9.18%	16.09%	4.13%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	3.77%
Statutory Maximum Rate (Total Retirement Only)	11.50%	11.50%	12.50%	15.50%	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	18.0 years	27.0 years	0.0 years	23.0 years	28.5 years	25.0 years
Number of annuitants	23	98	144	154	26	13	8
Number of active contributing members	46	162	630	312	57	65	15
Number of inactive members	27	111	220	134	29	22	24
Average age of contributing members	42.1 years	45.2 years	41.6 years	39.8 years	44.1 years	44.6 years	37.7 years
Average length of service of contributing members	9.9 years	10.0 years	9.5 years	9.9 years	11.8 years	11.9 years	4.3 years

	Moody	Morgan's Point	Morgan's Point Resort	Morton	Moulton	Mount Enterprise	Mt. Pleasant
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$339,602	\$1,296,525	\$987,148	\$1,280,766	\$664,154	\$152,542	\$17,399,346
b. Noncontributing Members	155	1,129,959	859,670	365,955	406,248	0	4,250,260
c. Annuitants	<u>378,157</u>	<u>1,300,857</u>	<u>765,448</u>	<u>194,907</u>	<u>896,202</u>	<u>0</u>	<u>8,494,845</u>
2. Total Actuarial Accrued Liability	\$717,914	\$3,727,341	\$2,612,266	\$1,841,628	\$1,966,604	\$152,542	\$30,144,451
3. Actuarial value of assets	<u>688,701</u>	<u>3,634,490</u>	<u>2,304,162</u>	<u>1,930,052</u>	<u>1,874,216</u>	<u>151,968</u>	<u>24,372,372</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$29,213	\$92,851	\$308,104	(\$88,424)	\$92,388	\$574	\$5,772,079
5. Funded Ratio: (3) / (2)	95.9%	97.5%	88.2%	104.8%	95.3%	99.6%	80.9%
6. Annual Payroll	\$433,855	\$902,903	\$894,229	\$358,574	\$451,006	\$107,093	\$6,581,220
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.14%	9.06%	9.69%	6.09%	5.14%	1.79%	9.83%
Prior Service	<u>1.55%</u>	<u>0.59%</u>	<u>1.99%</u>	<u>-1.55%</u>	<u>1.54%</u>	<u>0.12%</u>	<u>5.52%</u>
Total Retirement	2.69%	9.65%	11.68%	4.54%	6.68%	1.91%	15.35%
Supplemental Death	<u>0.24%</u>	<u>0.34%</u>	<u>0.25%</u>	<u>0.17%</u>	<u>0.16%</u>	<u>0.34%</u>	<u>0.18%</u>
Total Rate	2.93%	9.99%	11.93%	4.71%	6.84%	2.25%	15.53%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	8.93%	10.44%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	13.50%	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	4.8 years	29.4 years	29.1 years	25.0 years	19.0 years	5.0 years	25.0 years
Number of annuitants	3	10	19	2	11	0	80
Number of active contributing members	11	15	22	9	11	2	145
Number of inactive members	1	8	17	5	14	0	78
Average age of contributing members	45.7 years	47.3 years	44.5 years	46.1 years	45.0 years	58.5 years	41.8 years
Average length of service of contributing members	8.2 years	11.9 years	7.9 years	13.9 years	9.9 years	17.8 years	10.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Mt. Vernon	Muenster	Muleshoe	Munday	Murphy	Nacogdoches	Naples
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,401,564	\$203,384	\$4,389,657	\$180,571	\$8,358,224	\$42,648,035	\$220,913
b. Noncontributing Members	182,418	266,972	952,215	10,526	2,838,461	5,013,754	24,776
c. Annuitants	<u>1,357,673</u>	<u>825,480</u>	<u>2,782,119</u>	<u>76,893</u>	<u>3,079,890</u>	<u>39,361,383</u>	<u>164,060</u>
2. Total Actuarial Accrued Liability	\$2,941,655	\$1,295,836	\$8,123,991	\$267,990	\$14,276,575	\$87,023,172	\$409,749
3. Actuarial value of assets	<u>2,630,082</u>	<u>1,636,426</u>	<u>6,931,670</u>	<u>154,282</u>	<u>11,655,864</u>	<u>72,275,641</u>	<u>502,330</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$311,573	(\$340,590)	\$1,192,321	\$113,708	\$2,620,711	\$14,747,531	(\$92,581)
5. Funded Ratio: (3) / (2)	89.4%	126.3%	85.3%	57.6%	81.6%	83.1%	122.6%
6. Annual Payroll	\$840,664	\$498,018	\$1,292,495	\$300,251	\$6,408,182	\$15,685,100	\$355,738
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	7.91%	4.79%	9.20%	1.14%	11.40%	7.70%	3.57%
Prior Service	<u>2.28%</u>	<u>-4.30%</u>	<u>6.69%</u>	<u>2.19%</u>	<u>2.36%</u>	<u>6.23%</u>	<u>-1.64%</u>
Total Retirement	10.19%	0.49%	15.89%	3.33%	13.76%	13.93%	1.93%
Supplemental Death	<u>0.24%</u>	<u>0.00%</u>	<u>0.21%</u>	<u>0.26%</u>	<u>0.13%</u>	<u>0.18%</u>	<u>0.42%</u>
Total Rate	10.43%	0.49%	16.10%	3.59%	13.89%	14.11%	2.35%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	12.00%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	N/A	N/A	13.50%	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	26.0 years	25.0 years	20.0 years	29.0 years	29.1 years	23.0 years	25.0 years
Number of annuitants	18	9	19	2	22	180	4
Number of active contributing members	21	13	33	9	111	299	9
Number of inactive members	12	7	22	6	72	103	11
Average age of contributing members	43.2 years	49.8 years	46.7 years	40.3 years	40.3 years	42.0 years	53.8 years
Average length of service of contributing members	8.3 years	3.6 years	11.3 years	10.3 years	10.3 years	11.7 years	7.3 years

	Nash	Nassau Bay	Natalia	Navasota	Nederland	Needville	New Boston
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$996,627	\$4,978,625	\$86,310	\$6,875,246	\$25,730,687	\$1,043,271	\$927,203
b. Noncontributing Members	69,651	1,027,748	56,163	927,383	3,140,997	223,503	353,003
c. Annuitants	<u>373,247</u>	<u>1,886,041</u>	<u>75,490</u>	<u>3,735,271</u>	<u>19,891,346</u>	<u>906,628</u>	<u>2,022,100</u>
2. Total Actuarial Accrued Liability	\$1,439,525	\$7,892,414	\$217,963	\$11,537,900	\$48,763,030	\$2,173,402	\$3,302,306
3. Actuarial value of assets	<u>1,383,558</u>	<u>5,258,093</u>	<u>187,427</u>	<u>10,481,072</u>	<u>51,389,908</u>	<u>2,173,207</u>	<u>3,420,300</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$55,967	\$2,634,321	\$30,536	\$1,056,828	(\$2,626,878)	\$195	(\$117,994)
5. Funded Ratio: (3) / (2)	96.1%	66.6%	86.0%	90.8%	105.4%	100.0%	103.6%
6. Annual Payroll	\$848,443	\$2,605,882	\$413,144	\$3,650,858	\$7,077,285	\$639,073	\$1,184,761
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.76%	9.41%	1.84%	4.92%	7.76%	3.23%	2.97%
Prior Service	<u>0.82%</u>	<u>5.84%</u>	<u>0.48%</u>	<u>2.57%</u>	<u>-2.34%</u>	<u>0.03%</u>	<u>-0.63%</u>
Total Retirement	4.58%	15.25%	2.32%	7.49%	5.42%	3.26%	2.34%
Supplemental Death	<u>0.18%</u>	<u>0.13%</u>	<u>0.17%</u>	<u>0.19%</u>	<u>0.00%</u>	<u>0.38%</u>	<u>0.22%</u>
Total Rate	4.76%	15.38%	2.49%	7.68%	5.42%	3.64%	2.56%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	4.48%	14.80%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	N/A	11.50%	N/A	9.50%	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	9.8 years	29.0 years	23.7 years	15.0 years	25.0 years	1.1 years	25.0 years
Number of annuitants	8	15	2	35	85	11	17
Number of active contributing members	18	44	12	93	115	16	34
Number of inactive members	5	25	14	43	21	10	22
Average age of contributing members	39.6 years	44.3 years	48.5 years	41.8 years	44.4 years	49.8 years	47.3 years
Average length of service of contributing members	10.3 years	14.3 years	4.2 years	9.2 years	15.2 years	11.9 years	6.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	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	\$66,541,026	\$38,071,172	\$119,355	\$83,582	\$556,397	\$159,792	\$269,135
b. Noncontributing Members	9,397,527	4,704,066	27,570	1,117	135,755	50,509	171,749
c. Annuitants	46,246,360	22,416,866	53,747	16,516	195,719	20,490	163,360
2. Total Actuarial Accrued Liability	\$122,184,913	\$65,192,104	\$200,672	\$101,215	\$887,871	\$230,791	\$604,244
3. Actuarial value of assets	90,355,657	57,013,071	273,365	53,765	824,470	295,033	575,463
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$31,829,256	\$8,179,033	(\$72,693)	\$47,450	\$63,401	(\$64,242)	\$28,781
5. Funded Ratio: (3) / (2)	73.9%	87.5%	136.2%	53.1%	92.9%	127.8%	95.2%
6. Annual Payroll	\$30,174,200	\$12,703,664	\$191,788	\$76,079	\$415,949	\$345,816	\$209,054
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	11.13%	6.73%	2.17%	0.64%	3.64%	2.78%	4.58%
Prior Service	6.10%	5.72%	-2.17%	4.02%	1.61%	-1.17%	1.35%
Total Retirement	17.23%	12.45%	0.00%	4.66%	5.25%	1.61%	5.93%
Supplemental Death	0.13%	0.18%	0.00%	0.11%	0.00%	0.00%	0.25%
Total Rate	17.36%	12.63%	0.00%	4.77%	5.25%	1.61%	6.18%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	5.55%
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	7.50%	N/A	7.50%	9.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	15.0 years	25.0 years	24.0 years	12.0 years	25.0 years	13.2 years
Number of annuitants	216	92	1	1	4	2	1
Number of active contributing members	535	231	4	1	10	10	5
Number of inactive members	216	59	4	1	7	10	2
Average age of contributing members	40.6 years	42.8 years	53.0 years	34.5 years	52.1 years	39.4 years	50.8 years
Average length of service of contributing members	10.0 years	10.7 years	12.2 years	12.8 years	9.6 years	4.1 years	15.5 years

	Newark	Newton	Nixon	Nocona	Nolanville	Normangee	North Richland Hills
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$21,519	\$2,722,048	\$385,315	\$1,357,850	\$71,536	\$28,377	\$110,738,130
b. Noncontributing Members	0	11,323	45,602	470,340	15,500	150,629	19,649,665
c. Annuitants	0	2,978,095	221,476	379,757	7,086	24,892	83,531,075
2. Total Actuarial Accrued Liability	\$21,519	\$5,711,466	\$652,393	\$2,207,947	\$94,122	\$203,898	\$213,918,870
3. Actuarial value of assets	8,029	3,998,682	662,458	1,823,531	54,447	245,336	184,635,120
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$13,490	\$1,712,784	(\$10,065)	\$384,416	\$39,675	(\$41,438)	\$29,283,750
5. Funded Ratio: (3) / (2)	37.3%	70.0%	101.5%	82.6%	57.8%	120.3%	86.3%
6. Annual Payroll	\$115,920	\$969,507	\$653,988	\$871,642	\$456,115	\$233,785	\$34,288,238
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.62%	8.54%	1.10%	6.34%	1.39%	4.57%	10.60%
Prior Service	1.71%	12.04%	-0.10%	2.92%	0.50%	-1.12%	5.66%
Total Retirement	3.33%	20.58%	1.00%	9.26%	1.89%	3.45%	16.26%
Supplemental Death	0.11%	0.23%	0.22%	0.21%	0.14%	0.14%	0.00%
Total Rate	3.44%	20.81%	1.22%	9.47%	2.03%	3.59%	16.26%
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	11.50%	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	8.0 years	22.0 years	25.0 years	23.0 years	29.3 years	25.0 years	23.0 years
Number of annuitants	0	14	6	10	1	2	282
Number of active contributing members	3	20	22	26	13	7	542
Number of inactive members	0	4	13	29	12	6	231
Average age of contributing members	41.1 years	43.1 years	44.8 years	45.4 years	37.9 years	41.5 years	42.3 years
Average length of service of contributing members	2.7 years	11.1 years	5.6 years	8.1 years	2.7 years	3.1 years	12.5 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Northlake	O'Donnell	Oak Point	Oak Ridge North	Odem	Odessa	Oglesby
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,208,011	\$66,547	\$1,104,204	\$5,364,382	\$609,259	\$81,774,322	\$870
b. Noncontributing Members	225,671	35,287	471,412	1,656,371	9,527	19,930,817	0
c. Annuitants	<u>103,597</u>	<u>119,058</u>	<u>57,260</u>	<u>621,021</u>	<u>455,675</u>	<u>120,820,490</u>	<u>73,517</u>
2. Total Actuarial Accrued Liability	\$1,537,279	\$220,892	\$1,632,876	\$7,641,774	\$1,074,461	\$222,525,629	\$74,387
3. Actuarial value of assets	<u>1,365,043</u>	<u>175,257</u>	<u>1,381,484</u>	<u>6,235,351</u>	<u>851,646</u>	<u>190,847,873</u>	<u>80,384</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$172,236	\$45,635	\$251,392	\$1,406,423	\$222,815	\$31,677,756	(\$5,997)
5. Funded Ratio: (3) / (2)	88.8%	79.3%	84.6%	81.6%	79.3%	85.8%	108.1%
6. Annual Payroll	\$1,200,647	\$93,963	\$1,042,413	\$2,600,202	\$463,682	\$35,863,559	\$49,628
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.16%	1.66%	5.21%	8.58%	4.06%	7.54%	0.77%
Prior Service	<u>0.84%</u>	<u>5.17%</u>	<u>1.49%</u>	<u>3.13%</u>	<u>2.78%</u>	<u>5.85%</u>	<u>-0.76%</u>
Total Retirement	9.00%	6.83%	6.70%	11.71%	6.84%	13.39%	0.01%
Supplemental Death	<u>0.11%</u>	<u>0.25%</u>	<u>0.13%</u>	<u>0.16%</u>	<u>0.36%</u>	<u>0.18%</u>	<u>0.53%</u>
Total Rate	9.11%	7.08%	6.83%	11.87%	7.20%	13.57%	0.54%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	8.09%	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 1/2016	28.3 years	11.8 years	25.8 years	28.9 years	29.0 years	23.0 years	25.0 years
Number of annuitants	4	2	4	8	7	482	2
Number of active contributing members	20	3	17	49	12	662	1
Number of inactive members	17	2	24	21	4	392	0
Average age of contributing members	40.9 years	53.4 years	43.5 years	42.9 years	52.1 years	41.5 years	34.0 years
Average length of service of contributing members	8.9 years	12.9 years	7.7 years	8.8 years	12.6 years	8.8 years	1.4 years

	Old River-Winfree	Olmos Park	Olney	Omaha	Onalaska	Orange	Orange Grove
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$21,510	\$1,089,934	\$661,801	\$138,404	\$143,089	\$28,804,613	\$262,762
b. Noncontributing Members	3,907	1,001,379	47,507	24,320	49,225	4,338,153	59,610
c. Annuitants	<u>0</u>	<u>2,608,952</u>	<u>158,963</u>	<u>64,168</u>	<u>28,679</u>	<u>30,907,078</u>	<u>601,998</u>
2. Total Actuarial Accrued Liability	\$25,417	\$4,700,265	\$868,271	\$226,892	\$220,993	\$64,049,844	\$924,370
3. Actuarial value of assets	<u>49,994</u>	<u>5,211,378</u>	<u>757,398</u>	<u>153,538</u>	<u>261,955</u>	<u>54,786,112</u>	<u>1,104,601</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$24,577)	(\$511,113)	\$110,873	\$73,354	(\$40,962)	\$9,263,732	(\$180,231)
5. Funded Ratio: (3) / (2)	196.7%	110.9%	87.2%	67.7%	118.5%	85.5%	119.5%
6. Annual Payroll	\$30,489	\$1,622,578	\$745,056	\$191,453	\$402,268	\$8,570,411	\$424,132
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.11%	3.19%	5.83%	1.76%	2.25%	10.90%	4.62%
Prior Service	<u>-2.11%</u>	<u>-1.98%</u>	<u>0.87%</u>	<u>3.01%</u>	<u>-0.64%</u>	<u>6.97%</u>	<u>-2.67%</u>
Total Retirement	0.00%	1.21%	6.70%	4.77%	1.61%	17.87%	1.95%
Supplemental Death	<u>0.00%</u>	<u>0.00%</u>	<u>0.15%</u>	<u>0.26%</u>	<u>0.12%</u>	<u>0.00%</u>	<u>0.15%</u>
Total Rate	0.00%	1.21%	6.85%	5.03%	1.73%	17.87%	2.10%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	6.02%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	11.50%	N/A	N/A	9.50%	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	28.4 years	17.8 years	25.0 years	24.0 years	25.0 years
Number of annuitants	0	32	6	1	4	122	5
Number of active contributing members	1	36	24	6	12	157	11
Number of inactive members	1	54	12	1	14	57	7
Average age of contributing members	53.2 years	39.4 years	47.1 years	51.0 years	40.7 years	44.8 years	44.3 years
Average length of service of contributing members	8.6 years	7.9 years	7.5 years	8.9 years	3.7 years	12.6 years	6.4 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Ore City	Overton	Ovilla	Oyster Creek	Paducah	Palacios	Palestine
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$176,902	\$346,655	\$1,104,769	\$1,313,779	\$186,140	\$2,536,127	\$13,952,975
b. Noncontributing Members	66,744	257,530	591,442	24,589	299,177	989,109	3,720,972
c. Annuitants	<u>15,557</u>	<u>383,950</u>	<u>369,134</u>	<u>1,069,734</u>	<u>767,461</u>	<u>1,572,347</u>	<u>23,017,777</u>
2. Total Actuarial Accrued Liability	\$259,203	\$988,135	\$2,065,345	\$2,408,102	\$1,252,778	\$5,097,583	\$40,691,724
3. Actuarial value of assets	<u>289,397</u>	<u>1,227,811</u>	<u>1,990,960</u>	<u>2,174,933</u>	<u>1,339,432</u>	<u>3,574,734</u>	<u>31,794,379</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$30,194)	(\$239,676)	\$74,385	\$233,169	(\$86,654)	\$1,522,849	\$8,897,345
5. Funded Ratio: (3) / (2)	111.6%	124.3%	96.4%	90.3%	106.9%	70.1%	78.1%
6. Annual Payroll	\$335,204	\$592,026	\$987,284	\$807,498	\$311,717	\$1,412,702	\$8,011,533
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.33%	3.47%	8.29%	7.49%	4.23%	9.87%	7.51%
Prior Service	<u>-0.57%</u>	<u>-2.55%</u>	<u>0.44%</u>	<u>1.86%</u>	<u>-1.75%</u>	<u>6.95%</u>	<u>6.42%</u>
Total Retirement	0.76%	0.92%	8.73%	9.35%	2.48%	16.82%	13.93%
Supplemental Death	<u>0.19%</u>	<u>0.27%</u>	<u>0.17%</u>	<u>0.21%</u>	<u>0.35%</u>	<u>0.23%</u>	<u>0.20%</u>
Total Rate	0.95%	1.19%	8.90%	9.56%	2.83%	17.05%	14.13%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	7.40%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	11.50%	13.50%	13.50%	9.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	28.5 years	24.1 years	25.0 years	24.0 years	29.0 years
Number of annuitants	1	11	11	16	11	17	141
Number of active contributing members	9	17	25	19	10	33	162
Number of inactive members	5	26	34	4	8	31	95
Average age of contributing members	46.5 years	41.9 years	43.8 years	45.5 years	48.1 years	44.8 years	41.3 years
Average length of service of contributing members	6.9 years	6.8 years	9.6 years	8.4 years	5.7 years	8.4 years	9.1 years

	Palmer	Palmhurst	Palmview	Pampa	Panhandle	Panorama Village	Pantego
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$881,623	\$256,151	\$894,755	\$19,042,618	\$1,413,834	\$1,032,605	\$3,053,926
b. Noncontributing Members	335,484	46,445	171,509	2,094,958	375,571	1,732	2,382,613
c. Annuitants	<u>157,168</u>	<u>13,190</u>	<u>88,783</u>	<u>19,892,759</u>	<u>1,051,778</u>	<u>683,325</u>	<u>8,561,749</u>
2. Total Actuarial Accrued Liability	\$1,374,275	\$315,786	\$1,155,047	\$41,030,335	\$2,841,183	\$1,717,662	\$13,998,288
3. Actuarial value of assets	<u>1,257,856</u>	<u>338,654</u>	<u>791,617</u>	<u>27,696,004</u>	<u>1,993,618</u>	<u>1,730,873</u>	<u>11,520,884</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$116,419	(\$22,868)	\$363,430	\$13,334,331	\$847,565	(\$13,211)	\$2,477,404
5. Funded Ratio: (3) / (2)	91.5%	107.2%	68.5%	67.5%	70.2%	100.8%	82.3%
6. Annual Payroll	\$934,549	\$946,115	\$1,777,336	\$6,934,572	\$789,672	\$562,484	\$2,205,364
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.06%	0.99%	0.70%	8.17%	7.12%	5.81%	10.08%
Prior Service	<u>0.72%</u>	<u>-0.15%</u>	<u>1.32%</u>	<u>13.10%</u>	<u>6.51%</u>	<u>-0.15%</u>	<u>6.49%</u>
Total Retirement	6.78%	0.84%	2.02%	21.27%	13.63%	5.66%	16.57%
Supplemental Death	<u>0.16%</u>	<u>0.08%</u>	<u>0.07%</u>	<u>0.26%</u>	<u>0.00%</u>	<u>0.43%</u>	<u>0.13%</u>
Total Rate	6.94%	0.92%	2.09%	21.53%	13.63%	6.09%	16.70%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	16.49%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	12.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	25.0 years	24.0 years	22.0 years	26.6 years	25.0 years	29.0 years
Number of annuitants	4	2	1	134	11	9	40
Number of active contributing members	23	24	45	151	18	12	42
Number of inactive members	20	24	18	87	9	1	82
Average age of contributing members	39.6 years	37.1 years	36.3 years	42.6 years	44.9 years	54.6 years	39.5 years
Average length of service of contributing members	5.7 years	5.3 years	6.5 years	9.1 years	11.3 years	15.5 years	8.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Paris	Parker	Pasadena	Pearland	Pearsall	Pecos City	Perryton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$25,100,723	\$1,479,712	\$185,854,549	\$71,069,671	\$2,590,007	\$5,494,096	\$11,148,316
b. Noncontributing Members	4,656,990	119,609	19,066,230	10,718,875	828,554	1,108,351	1,643,849
c. Annuitants	<u>24,195,853</u>	<u>1,211,201</u>	<u>177,100,240</u>	<u>26,812,642</u>	<u>1,768,789</u>	<u>5,197,984</u>	<u>5,867,520</u>
2. Total Actuarial Accrued Liability	\$53,953,566	\$2,810,522	\$382,021,019	\$108,601,188	\$5,187,350	\$11,800,431	\$18,659,685
3. Actuarial value of assets	<u>52,270,436</u>	<u>2,065,416</u>	<u>353,640,561</u>	<u>88,635,488</u>	<u>4,875,908</u>	<u>12,099,136</u>	<u>15,709,913</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,683,130	\$745,106	\$28,380,458	\$19,965,700	\$311,442	(\$298,705)	\$2,949,772
5. Funded Ratio: (3) / (2)	96.9%	73.5%	92.6%	81.6%	94.0%	102.5%	84.2%
6. Annual Payroll	\$11,825,984	\$1,115,127	\$56,205,126	\$34,089,409	\$2,458,888	\$4,708,884	\$3,571,250
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.64%	6.51%	8.61%	9.98%	2.51%	5.58%	7.11%
Prior Service	<u>2.09%</u>	<u>4.69%</u>	<u>4.09%</u>	<u>3.39%</u>	<u>0.78%</u>	<u>-0.40%</u>	<u>7.00%</u>
Total Retirement	5.73%	11.20%	12.70%	13.37%	3.29%	5.18%	14.11%
Supplemental Death	<u>0.23%</u>	<u>0.20%</u>	<u>0.23%</u>	<u>0.12%</u>	<u>0.22%</u>	<u>0.25%</u>	<u>0.20%</u>
Total Rate	5.96%	11.40%	12.93%	13.49%	3.51%	5.43%	14.31%
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	13.50%	7.50%	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	8.0 years	21.0 years	17.0 years	28.9 years	25.9 years	25.0 years	16.0 years
Number of annuitants	198	6	687	146	22	55	31
Number of active contributing members	263	20	960	561	72	107	84
Number of inactive members	107	9	235	226	77	94	65
Average age of contributing members	43.3 years	47.9 years	44.1 years	41.7 years	43.0 years	43.2 years	40.9 years
Average length of service of contributing members	11.3 years	11.6 years	12.6 years	9.7 years	7.2 years	7.0 years	8.9 years

	Pflugerville	Pharr	Pilot Point	Pinehurst	Pineland	Piney Point Village	Pittsburg
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$30,214,515	\$41,321,290	\$1,064,943	\$1,939,863	\$1,687,455	\$166,500	\$3,825,476
b. Noncontributing Members	5,602,853	4,262,958	609,629	381,633	10,294	44,515	1,379,876
c. Annuitants	<u>9,137,773</u>	<u>20,325,147</u>	<u>1,389,599</u>	<u>2,641,538</u>	<u>241,180</u>	<u>193,175</u>	<u>2,371,435</u>
2. Total Actuarial Accrued Liability	\$44,955,141	\$65,909,395	\$3,064,171	\$4,963,034	\$1,938,929	\$404,190	\$7,576,787
3. Actuarial value of assets	<u>35,196,139</u>	<u>58,982,997</u>	<u>2,714,723</u>	<u>3,734,097</u>	<u>1,777,755</u>	<u>381,558</u>	<u>6,223,965</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$9,759,002	\$6,926,398	\$349,448	\$1,228,937	\$161,174	\$22,632	\$1,352,822
5. Funded Ratio: (3) / (2)	78.3%	89.5%	88.6%	75.2%	91.7%	94.4%	82.1%
6. Annual Payroll	\$15,638,431	\$23,264,509	\$1,567,356	\$1,071,222	\$448,135	\$393,376	\$1,353,331
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.03%	4.29%	7.74%	9.51%	4.97%	6.06%	7.56%
Prior Service	<u>3.61%</u>	<u>2.23%</u>	<u>1.29%</u>	<u>6.63%</u>	<u>5.29%</u>	<u>0.63%</u>	<u>7.79%</u>
Total Retirement	13.64%	6.52%	9.03%	16.14%	10.26%	6.69%	15.35%
Supplemental Death	<u>0.14%</u>	<u>0.13%</u>	<u>0.15%</u>	<u>0.32%</u>	<u>0.31%</u>	<u>0.46%</u>	<u>0.22%</u>
Total Rate	13.78%	6.65%	9.18%	16.46%	10.57%	7.15%	15.57%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	9.11%	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 1/2016	29.0 years	19.1 years	29.0 years	29.0 years	8.0 years	11.4 years	18.0 years
Number of annuitants	48	162	15	25	5	5	21
Number of active contributing members	281	540	38	21	12	6	32
Number of inactive members	120	137	42	9	2	5	25
Average age of contributing members	42.2 years	40.0 years	41.6 years	45.4 years	50.3 years	54.6 years	42.2 years
Average length of service of contributing members	9.4 years	9.2 years	5.9 years	9.1 years	17.0 years	7.3 years	9.0 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Plains	Plainview	Plano	Pleasanton	Point	Ponder	Port Aransas
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$932,607	\$15,801,402	\$494,872,196	\$6,952,625	\$108,799	\$453,396	\$6,911,619
b. Noncontributing Members	265,401	4,388,145	53,604,886	1,640,557	31,087	53,517	903,086
c. Annuitants	<u>206,753</u>	<u>17,648,935</u>	<u>300,389,710</u>	<u>5,848,982</u>	<u>151,397</u>	<u>60,683</u>	<u>4,497,389</u>
2. Total Actuarial Accrued Liability	\$1,404,761	\$37,838,482	\$848,866,792	\$14,442,164	\$291,283	\$567,596	\$12,312,094
3. Actuarial value of assets	<u>1,464,253</u>	<u>33,244,007</u>	<u>729,243,767</u>	<u>9,926,046</u>	<u>237,723</u>	<u>525,312</u>	<u>8,878,928</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$59,492)	\$4,594,475	\$119,623,025	\$4,516,118	\$53,560	\$42,284	\$3,433,166
5. Funded Ratio: (3) / (2)	104.2%	87.9%	85.9%	68.7%	81.6%	92.6%	72.1%
6. Annual Payroll	\$332,568	\$5,832,910	\$140,546,926	\$4,173,324	\$237,204	\$442,006	\$4,609,104
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.87%	8.41%	11.05%	9.77%	4.25%	4.67%	7.91%
Prior Service	<u>-1.13%</u>	<u>5.37%</u>	<u>6.39%</u>	<u>6.51%</u>	<u>1.59%</u>	<u>0.62%</u>	<u>4.31%</u>
Total Retirement	5.74%	13.78%	17.44%	16.28%	5.84%	5.29%	12.22%
Supplemental Death	<u>0.14%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.17%</u>	<u>0.00%</u>	<u>0.32%</u>	<u>0.24%</u>
Total Rate	5.88%	13.78%	17.44%	16.45%	5.84%	5.61%	12.46%
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	N/A	9.50%	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	22.0 years	19.0 years	27.0 years	20.9 years	23.8 years	29.0 years
Number of annuitants	3	99	942	29	2	2	37
Number of active contributing members	8	138	2,200	94	7	9	107
Number of inactive members	4	44	777	46	7	7	56
Average age of contributing members	42.0 years	45.1 years	43.9 years	41.2 years	40.7 years	52.6 years	47.4 years
Average length of service of contributing members	13.8 years	10.9 years	12.5 years	7.7 years	3.3 years	9.9 years	7.4 years

	Port Arthur	Port Isabel	Port Lavaca	Port Neches	Portland	Post	Poteet
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$89,039,123	\$3,094,768	\$4,000,175	\$21,639,186	\$13,796,160	\$1,092,269	\$439,066
b. Noncontributing Members	7,914,900	540,877	1,418,650	812,783	1,334,380	149,663	282,311
c. Annuitants	<u>79,366,691</u>	<u>967,190</u>	<u>4,470,072</u>	<u>18,196,201</u>	<u>6,588,959</u>	<u>424,624</u>	<u>337,781</u>
2. Total Actuarial Accrued Liability	\$176,320,714	\$4,602,835	\$9,888,897	\$40,648,170	\$21,719,499	\$1,666,556	\$1,059,158
3. Actuarial value of assets	<u>146,501,254</u>	<u>4,512,949</u>	<u>8,926,112</u>	<u>38,205,332</u>	<u>15,804,255</u>	<u>1,239,257</u>	<u>1,336,267</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$29,819,460	\$89,886	\$962,785	\$2,442,838	\$5,915,244	\$427,299	(\$277,109)
5. Funded Ratio: (3) / (2)	83.1%	98.0%	90.3%	94.0%	72.8%	74.4%	126.2%
6. Annual Payroll	\$31,345,386	\$2,556,273	\$3,719,883	\$5,942,381	\$5,749,771	\$550,214	\$768,395
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.47%	3.45%	4.18%	8.76%	7.66%	3.81%	2.99%
Prior Service	<u>7.14%</u>	<u>0.20%</u>	<u>1.50%</u>	<u>2.80%</u>	<u>6.64%</u>	<u>6.27%</u>	<u>-2.27%</u>
Total Retirement	13.61%	3.65%	5.68%	11.56%	14.30%	10.08%	0.72%
Supplemental Death	<u>0.25%</u>	<u>0.18%</u>	<u>0.25%</u>	<u>0.00%</u>	<u>0.17%</u>	<u>0.48%</u>	<u>0.25%</u>
Total Rate	13.86%	3.83%	5.93%	11.56%	14.47%	10.56%	0.97%
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	9.50%	9.50%	N/A	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	19.0 years	29.9 years	28.9 years	22.0 years	24.0 years	17.1 years	25.0 years
Number of annuitants	419	15	56	69	51	10	6
Number of active contributing members	543	80	91	91	113	15	25
Number of inactive members	96	57	76	16	68	5	27
Average age of contributing members	47.0 years	41.4 years	39.5 years	42.7 years	43.2 years	51.4 years	42.4 years
Average length of service of contributing members	13.6 years	8.0 years	8.1 years	15.8 years	11.0 years	12.8 years	6.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Poth	Pottsboro	Premont	Presidio	Primera	Princeton	Prosper
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$312,936	\$548,714	\$355,756	\$640,077	\$352,203	\$2,136,249	\$6,972,651
b. Noncontributing Members	38,886	117,182	32,906	171,082	25,802	485,602	2,535,478
c. Annuitants	<u>204,034</u>	<u>194,135</u>	<u>483,173</u>	<u>176,818</u>	<u>64,095</u>	<u>1,620,072</u>	<u>266,959</u>
2. Total Actuarial Accrued Liability	\$555,856	\$860,031	\$871,835	\$987,977	\$442,100	\$4,241,923	\$9,775,088
3. Actuarial value of assets	<u>466,941</u>	<u>807,378</u>	<u>964,797</u>	<u>1,129,278</u>	<u>505,806</u>	<u>3,928,911</u>	<u>8,008,178</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$88,915	\$52,653	(\$92,962)	(\$141,301)	(\$63,706)	\$313,012	\$1,766,910
5. Funded Ratio: (3) / (2)	84.0%	93.9%	110.7%	114.3%	114.4%	92.6%	81.9%
6. Annual Payroll	\$402,493	\$811,145	\$564,392	\$1,397,328	\$556,350	\$1,975,299	\$7,047,451
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.03%	5.32%	1.06%	1.08%	1.05%	9.69%	11.93%
Prior Service	<u>1.46%</u>	<u>0.39%</u>	<u>-1.04%</u>	<u>-0.64%</u>	<u>-0.72%</u>	<u>0.92%</u>	<u>1.45%</u>
Total Retirement	3.49%	5.71%	0.02%	0.44%	0.33%	10.61%	13.38%
Supplemental Death	<u>0.33%</u>	<u>0.15%</u>	<u>0.25%</u>	<u>0.17%</u>	<u>0.17%</u>	<u>0.13%</u>	<u>0.00%</u>
Total Rate	3.82%	5.86%	0.27%	0.61%	0.50%	10.74%	13.38%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	4.99%	N/A	N/A	N/A	10.28%	12.37%
Statutory Maximum Rate (Total Retirement Only)	9.50%	13.50%	7.50%	N/A	7.50%	13.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.1 years	27.1 years	25.0 years	25.0 years	25.0 years	28.8 years	29.0 years
Number of annuitants	4	8	11	5	3	13	7
Number of active contributing members	12	20	18	41	18	44	107
Number of inactive members	5	16	10	19	8	21	49
Average age of contributing members	45.7 years	43.4 years	48.9 years	44.6 years	41.9 years	41.3 years	41.2 years
Average length of service of contributing members	7.6 years	9.9 years	8.1 years	6.4 years	7.2 years	5.8 years	9.0 years

	Quanah	Queen City	Quinlan	Quintana	Quitague	Quitman	Ralls
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,383,374	\$298,703	\$213,456	\$14,543	\$151,277	\$2,049,564	\$468,564
b. Noncontributing Members	56,936	186,314	96,538	39,271	0	168,151	145,724
c. Annuitants	<u>1,530,591</u>	<u>4,833</u>	<u>96,211</u>	<u>0</u>	<u>36,394</u>	<u>1,263,020</u>	<u>885,037</u>
2. Total Actuarial Accrued Liability	\$2,970,901	\$489,850	\$406,205	\$53,814	\$187,671	\$3,480,735	\$1,499,325
3. Actuarial value of assets	<u>2,623,287</u>	<u>557,487</u>	<u>286,590</u>	<u>56,663</u>	<u>161,411</u>	<u>3,321,890</u>	<u>1,379,549</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$347,614	(\$67,637)	\$119,615	(\$2,849)	\$26,260	\$158,845	\$119,776
5. Funded Ratio: (3) / (2)	88.3%	113.8%	70.6%	105.3%	86.0%	95.4%	92.0%
6. Annual Payroll	\$576,161	\$503,555	\$537,662	\$86,093	\$108,289	\$865,899	\$354,832
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.30%	2.30%	9.05%	1.54%	1.66%	6.17%	4.92%
Prior Service	<u>5.64%</u>	<u>-0.85%</u>	<u>1.43%</u>	<u>-0.21%</u>	<u>2.74%</u>	<u>1.93%</u>	<u>2.30%</u>
Total Retirement	9.94%	1.45%	10.48%	1.33%	4.40%	8.10%	7.22%
Supplemental Death	<u>0.33%</u>	<u>0.21%</u>	<u>0.11%</u>	<u>0.09%</u>	<u>0.32%</u>	<u>0.19%</u>	<u>0.38%</u>
Total Rate	10.27%	1.66%	10.59%	1.42%	4.72%	8.29%	7.60%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	10.25%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	12.50%	N/A	N/A	11.50%	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	14.0 years	25.0 years	24.1 years	25.0 years	11.0 years	12.0 years	22.0 years
Number of annuitants	13	2	3	0	1	12	9
Number of active contributing members	17	14	15	2	4	23	11
Number of inactive members	2	19	17	3	0	9	14
Average age of contributing members	45.8 years	43.7 years	38.8 years	44.3 years	57.8 years	44.4 years	46.7 years
Average length of service of contributing members	12.7 years	5.6 years	4.6 years	2.8 years	11.6 years	9.9 years	6.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Rancho Viejo	Ranger	Rankin	Ransom Canyon	Raymondville	Red Oak	Redwater
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,053,153	\$1,141,129	\$421,532	\$1,164,255	\$2,395,550	\$3,598,263	\$111,738
b. Noncontributing Members	98,494	329,758	20,551	0	378,842	1,443,921	77,810
c. Annuitants	<u>1,103,662</u>	<u>218,544</u>	<u>188,633</u>	<u>314,326</u>	<u>4,637,952</u>	<u>581,851</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$2,255,309	\$1,689,431	\$630,716	\$1,478,581	\$7,412,344	\$5,624,035	\$189,548
3. Actuarial value of assets	<u>2,183,873</u>	<u>1,591,639</u>	<u>647,406</u>	<u>812,598</u>	<u>8,455,695</u>	<u>5,074,876</u>	<u>163,076</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$71,436	\$97,792	(\$16,690)	\$665,983	(\$1,043,351)	\$549,159	\$26,472
5. Funded Ratio: (3) / (2)	96.8%	94.2%	102.6%	55.0%	114.1%	90.2%	86.0%
6. Annual Payroll	\$524,218	\$815,390	\$233,761	\$507,164	\$2,179,420	\$4,521,110	\$259,440
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.42%	8.09%	1.52%	4.55%	3.49%	4.61%	2.71%
Prior Service	<u>1.81%</u>	<u>0.69%</u>	<u>-0.45%</u>	<u>9.85%</u>	<u>-3.01%</u>	<u>0.70%</u>	<u>0.68%</u>
Total Retirement	6.23%	8.78%	1.07%	14.40%	0.48%	5.31%	3.39%
Supplemental Death	<u>0.08%</u>	<u>0.00%</u>	<u>0.27%</u>	<u>0.20%</u>	<u>0.28%</u>	<u>0.13%</u>	<u>0.21%</u>
Total Rate	6.31%	8.78%	1.34%	14.60%	0.76%	5.44%	3.60%
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%	7.50%	N/A	15.50%	12.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	9.0 years	29.3 years	25.0 years	19.0 years	25.0 years	29.2 years	22.8 years
Number of annuitants	2	5	2	2	49	15	0
Number of active contributing members	10	28	6	11	73	79	8
Number of inactive members	5	51	1	0	22	55	3
Average age of contributing members	35.3 years	44.0 years	50.4 years	46.9 years	42.0 years	41.4 years	51.1 years
Average length of service of contributing members	9.6 years	4.8 years	13.3 years	12.6 years	7.5 years	9.3 years	3.7 years

	Refugio	Reklaw	Reno (Lamar County)	Reno (Parker County)	Rhame	Rice	Richardson
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$661,871	\$650,485	\$364,111	\$104,764	\$174,291	\$43,257	\$214,454,708
b. Noncontributing Members	49,701	306,784	166,197	53,940	324,603	35,628	34,094,303
c. Annuitants	<u>848,642</u>	<u>143,689</u>	<u>41,133</u>	<u>7,106</u>	<u>258,763</u>	<u>56,470</u>	<u>204,076,412</u>
2. Total Actuarial Accrued Liability	\$1,560,214	\$1,100,958	\$571,441	\$165,810	\$757,657	\$135,355	\$452,625,423
3. Actuarial value of assets	<u>2,140,536</u>	<u>868,134</u>	<u>732,212</u>	<u>214,589</u>	<u>786,267</u>	<u>171,269</u>	<u>403,661,975</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$580,322)	\$232,824	(\$160,771)	(\$48,779)	(\$28,610)	(\$35,914)	\$48,963,448
5. Funded Ratio: (3) / (2)	137.2%	78.9%	128.1%	129.4%	103.8%	126.5%	89.2%
6. Annual Payroll	\$1,114,602	\$216,699	\$456,735	\$465,914	\$572,806	\$256,350	\$66,960,545
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	0.70%	7.24%	5.40%	3.18%	6.44%	1.20%	7.13%
Prior Service	<u>-0.70%</u>	<u>9.10%</u>	<u>-2.22%</u>	<u>-0.66%</u>	<u>-0.31%</u>	<u>-0.88%</u>	<u>6.19%</u>
Total Retirement	0.00%	16.34%	3.18%	2.52%	6.13%	0.32%	13.32%
Supplemental Death	<u>0.00%</u>	<u>0.40%</u>	<u>0.09%</u>	<u>0.26%</u>	<u>0.14%</u>	<u>0.11%</u>	<u>0.00%</u>
Total Rate	0.00%	16.74%	3.27%	2.78%	6.27%	0.43%	13.32%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	5.05%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	11.50%	N/A	13.50%	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	16.0 years	25.0 years	25.0 years	25.0 years	25.0 years	16.0 years
Number of annuitants	19	3	1	2	6	2	587
Number of active contributing members	29	5	10	14	11	9	964
Number of inactive members	7	4	8	14	17	6	319
Average age of contributing members	41.3 years	49.6 years	42.2 years	42.2 years	42.4 years	39.7 years	44.1 years
Average length of service of contributing members	7.7 years	13.2 years	10.5 years	6.3 years	9.7 years	2.7 years	13.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Richland Hills	Richland Springs	Richmond	Richwood	Riesel	Rio Grande City	Rio Vista
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$11,528,941	\$39,107	\$18,481,124	\$2,173,351	\$181,975	\$5,758,080	\$172,112
b. Noncontributing Members	4,993,115	0	3,293,568	236,446	83,430	1,095,920	203,938
c. Annuitants	<u>11,229,392</u>	<u>145,108</u>	<u>12,593,629</u>	<u>949,758</u>	<u>53,468</u>	<u>484,768</u>	<u>194,048</u>
2. Total Actuarial Accrued Liability	\$27,751,448	\$184,215	\$34,368,321	\$3,359,555	\$318,873	\$7,338,768	\$570,098
3. Actuarial value of assets	<u>24,291,973</u>	<u>198,825</u>	<u>30,260,697</u>	<u>2,773,967</u>	<u>175,062</u>	<u>5,766,651</u>	<u>394,640</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$3,459,475	(\$14,610)	\$4,107,624	\$585,588	\$143,811	\$1,572,117	\$175,458
5. Funded Ratio: (3) / (2)	87.5%	107.9%	88.0%	82.6%	54.9%	78.6%	69.2%
6. Annual Payroll	\$4,295,892	\$10,493	\$7,268,949	\$954,617	\$288,805	\$4,891,146	\$364,129
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.96%	6.37%	9.24%	7.14%	1.35%	5.40%	1.94%
Prior Service	<u>5.20%</u>	<u>-6.37%</u>	<u>3.97%</u>	<u>3.86%</u>	<u>4.22%</u>	<u>1.86%</u>	<u>3.03%</u>
Total Retirement	16.16%	0.00%	13.21%	11.00%	5.57%	7.26%	4.97%
Supplemental Death	<u>0.26%</u>	<u>1.87%</u>	<u>0.15%</u>	<u>0.20%</u>	<u>0.30%</u>	<u>0.12%</u>	<u>0.24%</u>
Total Rate	16.42%	1.87%	13.36%	11.20%	5.87%	7.38%	5.21%
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 1/2016	24.0 years	25.0 years	21.0 years	25.0 years	16.0 years	28.9 years	25.0 years
Number of annuitants	76	1	48	12	1	9	3
Number of active contributing members	73	1	139	19	8	140	9
Number of inactive members	102	0	71	15	8	61	5
Average age of contributing members	46.4 years	71.0 years	42.6 years	44.1 years	40.9 years	40.4 years	39.9 years
Average length of service of contributing members	12.1 years	22.2 years	11.3 years	10.9 years	8.2 years	6.4 years	6.6 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	\$38,485	\$6,241,905	\$17,486,427	\$95,120	\$7,726,203	\$8,177,554	\$7,115,587
b. Noncontributing Members	78,295	1,091,184	3,986,883	5,340	623,521	1,199,910	1,184,827
c. Annuitants	<u>20,005</u>	<u>5,046,537</u>	<u>2,041,812</u>	<u>74,055</u>	<u>925,580</u>	<u>4,523,390</u>	<u>5,411,164</u>
2. Total Actuarial Accrued Liability	\$136,785	\$12,379,626	\$23,515,122	\$174,515	\$9,275,304	\$13,900,854	\$13,711,578
3. Actuarial value of assets	<u>196,950</u>	<u>10,157,531</u>	<u>17,846,134</u>	<u>108,687</u>	<u>6,924,638</u>	<u>12,307,060</u>	<u>10,497,455</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$60,165)	\$2,222,095	\$5,668,988	\$65,828	\$2,350,666	\$1,593,794	\$3,214,123
5. Funded Ratio: (3) / (2)	144.0%	82.1%	75.9%	62.3%	74.7%	88.5%	76.6%
6. Annual Payroll	\$205,991	\$2,380,088	\$8,326,815	\$118,327	\$3,062,532	\$5,436,963	\$2,311,192
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.62%	9.14%	12.59%	1.47%	8.73%	3.93%	6.45%
Prior Service	<u>-1.62%</u>	<u>6.36%</u>	<u>3.93%</u>	<u>4.25%</u>	<u>4.44%</u>	<u>2.17%</u>	<u>10.08%</u>
Total Retirement	0.00%	15.50%	16.52%	5.72%	13.17%	6.10%	16.53%
Supplemental Death	<u>0.39%</u>	<u>0.30%</u>	<u>0.00%</u>	<u>0.22%</u>	<u>0.16%</u>	<u>0.14%</u>	<u>0.24%</u>
Total Rate	0.39%	15.80%	16.52%	5.94%	13.33%	6.24%	16.77%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	15.66%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	22.0 years	29.1 years	18.5 years	29.0 years	19.4 years	20.0 years
Number of annuitants	1	44	17	2	12	42	36
Number of active contributing members	7	56	119	4	68	117	46
Number of inactive members	10	33	57	2	25	55	42
Average age of contributing members	45.1 years	44.8 years	41.4 years	46.7 years	41.4 years	39.3 years	41.8 years
Average length of service of contributing members	5.2 years	9.5 years	10.7 years	8.0 years	9.8 years	7.7 years	12.6 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Roby	Rockdale	Rockport	Rocksprings	Rockwall	Rogers	Rollingwood
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$61,773	\$2,501,291	\$11,922,778	\$30,189	\$45,259,906	\$115,835	\$708,655
b. Noncontributing Members	151,684	548,465	1,163,177	1,925	4,949,312	125,129	543,424
c. Annuitants	<u>425,377</u>	<u>1,235,878</u>	<u>11,537,719</u>	<u>325,760</u>	<u>19,662,293</u>	<u>467,862</u>	<u>378,500</u>
2. Total Actuarial Accrued Liability	\$638,834	\$4,285,634	\$24,623,674	\$357,874	\$69,871,511	\$708,826	\$1,630,579
3. Actuarial value of assets	<u>689,488</u>	<u>3,365,156</u>	<u>20,355,227</u>	<u>413,681</u>	<u>56,497,948</u>	<u>649,705</u>	<u>1,578,103</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$50,654)	\$920,478	\$4,268,447	(\$55,807)	\$13,373,563	\$59,121	\$52,476
5. Funded Ratio: (3) / (2)	107.9%	78.5%	82.7%	115.6%	80.9%	91.7%	96.8%
6. Annual Payroll	\$107,346	\$1,833,784	\$4,954,744	\$163,499	\$17,177,938	\$295,359	\$777,690
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.05%	6.75%	9.78%	1.86%	11.72%	3.19%	7.87%
Prior Service	<u>-2.97%</u>	<u>2.90%</u>	<u>5.42%</u>	<u>-1.86%</u>	<u>4.50%</u>	<u>1.16%</u>	<u>0.51%</u>
Total Retirement	2.08%	9.65%	15.20%	0.00%	16.22%	4.35%	8.38%
Supplemental Death	<u>0.38%</u>	<u>0.27%</u>	<u>0.23%</u>	<u>0.00%</u>	<u>0.14%</u>	<u>0.00%</u>	<u>0.20%</u>
Total Rate	2.46%	9.92%	15.43%	0.00%	16.36%	4.35%	8.58%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	1.97%	N/A	N/A	N/A	N/A	N/A	8.04%
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	N/A	N/A	N/A	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	29.0 years	25.0 years	25.0 years	29.0 years	28.9 years	18.8 years
Number of annuitants	3	22	55	2	69	5	5
Number of active contributing members	4	47	118	8	259	8	14
Number of inactive members	4	31	43	1	73	13	16
Average age of contributing members	38.5 years	47.4 years	45.6 years	46.2 years	42.6 years	39.8 years	42.9 years
Average length of service of contributing members	4.5 years	7.9 years	9.8 years	1.7 years	13.0 years	7.0 years	9.4 years

	Roma	Roscoe	Rosebud	Rosenberg	Rotan	Round Rock	Rowlett
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,281,400	\$262,147	\$75,695	\$29,398,108	\$279,226	\$137,100,498	\$52,540,787
b. Noncontributing Members	918,184	39,726	34,698	8,389,769	18,705	13,057,597	17,043,014
c. Annuitants	<u>2,233,100</u>	<u>84,232</u>	<u>45,955</u>	<u>20,643,783</u>	<u>27,065</u>	<u>54,970,187</u>	<u>30,667,110</u>
2. Total Actuarial Accrued Liability	\$10,432,684	\$386,105	\$156,348	\$58,431,660	\$324,996	\$205,128,282	\$100,250,911
3. Actuarial value of assets	<u>8,466,642</u>	<u>397,592</u>	<u>169,181</u>	<u>47,662,353</u>	<u>446,201</u>	<u>164,980,629</u>	<u>89,408,352</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,966,042	(\$11,487)	(\$12,833)	\$10,769,307	(\$121,205)	\$40,147,653	\$10,842,559
5. Funded Ratio: (3) / (2)	81.2%	103.0%	108.2%	81.6%	137.3%	80.4%	89.2%
6. Annual Payroll	\$3,481,235	\$236,769	\$350,284	\$12,949,570	\$208,635	\$50,373,348	\$21,614,115
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.11%	1.54%	1.57%	8.25%	0.92%	10.38%	9.33%
Prior Service	<u>4.40%</u>	<u>-0.31%</u>	<u>-0.23%</u>	<u>5.23%</u>	<u>-0.92%</u>	<u>5.02%</u>	<u>3.09%</u>
Total Retirement	10.51%	1.23%	1.34%	13.48%	0.00%	15.40%	12.42%
Supplemental Death	<u>0.22%</u>	<u>0.33%</u>	<u>0.21%</u>	<u>0.14%</u>	<u>0.30%</u>	<u>0.13%</u>	<u>0.00%</u>
Total Rate	10.73%	1.56%	1.55%	13.62%	0.30%	15.53%	12.42%
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)	11.50%	N/A	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	18.0 years	25.0 years	25.0 years	25.0 years	25.0 years	25.0 years	25.9 years
Number of annuitants	33	2	4	122	2	227	158
Number of active contributing members	118	6	12	236	4	826	354
Number of inactive members	46	3	9	123	2	286	217
Average age of contributing members	44.7 years	51.9 years	46.3 years	39.9 years	48.9 years	42.1 years	41.4 years
Average length of service of contributing members	10.4 years	11.1 years	3.3 years	10.2 years	17.5 years	11.0 years	10.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Royse City	Rule	Runaway Bay	Runge	Rusk	Sabinal	Sachse
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,607,206	\$67,439	\$260,366	\$475,668	\$1,984,974	\$487,555	\$11,905,663
b. Noncontributing Members	908,986	46,096	85,013	55,058	102,950	41,941	4,474,139
c. Annuitants	<u>853,295</u>	<u>151,149</u>	<u>118,650</u>	<u>42,018</u>	<u>885,822</u>	<u>372,458</u>	<u>5,648,334</u>
2. Total Actuarial Accrued Liability	\$5,369,487	\$264,684	\$464,029	\$572,744	\$2,973,746	\$901,954	\$22,028,136
3. Actuarial value of assets	<u>4,170,830</u>	<u>251,604</u>	<u>595,922</u>	<u>384,984</u>	<u>3,007,569</u>	<u>924,635</u>	<u>18,293,618</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,198,657	\$13,080	(\$131,893)	\$187,760	(\$33,823)	(\$22,681)	\$3,734,518
5. Funded Ratio: (3) / (2)	77.7%	95.1%	128.4%	67.2%	101.1%	102.5%	83.0%
6. Annual Payroll	\$2,783,000	\$85,625	\$598,912	\$164,417	\$1,525,965	\$465,199	\$7,145,218
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.01%	4.33%	3.59%	4.85%	5.83%	2.99%	10.40%
Prior Service	<u>2.51%</u>	<u>3.67%</u>	<u>-1.39%</u>	<u>10.11%</u>	<u>-0.14%</u>	<u>-0.31%</u>	<u>3.02%</u>
Total Retirement	12.52%	8.00%	2.20%	14.96%	5.69%	2.68%	13.42%
Supplemental Death	<u>0.16%</u>	<u>0.17%</u>	<u>0.33%</u>	<u>0.53%</u>	<u>0.14%</u>	<u>0.34%</u>	<u>0.15%</u>
Total Rate	12.68%	8.17%	2.53%	15.49%	5.83%	3.02%	13.57%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	11.64%	N/A	2.43%	N/A	5.59%	N/A	13.18%
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	9.50%	N/A	10.50%	9.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.6 years	4.6 years	25.0 years	15.1 years	25.0 years	25.0 years	29.0 years
Number of annuitants	14	1	6	1	14	7	46
Number of active contributing members	55	4	14	6	37	16	130
Number of inactive members	32	1	13	2	8	23	104
Average age of contributing members	42.9 years	44.4 years	48.9 years	55.7 years	44.0 years	45.6 years	44.3 years
Average length of service of contributing members	8.3 years	4.5 years	6.9 years	9.8 years	9.5 years	7.7 years	10.0 years

	Saginaw	Saint Jo	Salado	San Angelo	San Antonio	San Antonio Water System	San Augustine
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$21,483,897	\$73,089	\$250,739	\$86,175,397	\$651,725,754	\$88,284,720	\$2,200,095
b. Noncontributing Members	1,310,999	41,542	77,450	10,553,214	108,196,500	11,531,251	441,080
c. Annuitants	<u>7,498,468</u>	<u>423,426</u>	<u>104,140</u>	<u>108,867,867</u>	<u>632,829,729</u>	<u>79,732,878</u>	<u>1,799,168</u>
2. Total Actuarial Accrued Liability	\$30,293,364	\$538,057	\$432,329	\$205,596,478	\$1,392,751,983	\$179,548,849	\$4,440,343
3. Actuarial value of assets	<u>20,804,516</u>	<u>543,761</u>	<u>415,779</u>	<u>164,842,656</u>	<u>1,223,162,411</u>	<u>154,981,913</u>	<u>3,966,142</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$9,488,848	(\$5,704)	\$16,550	\$40,753,822	\$169,589,572	\$24,566,936	\$474,201
5. Funded Ratio: (3) / (2)	68.7%	101.1%	96.2%	80.2%	87.8%	86.3%	89.3%
6. Annual Payroll	\$7,592,430	\$246,919	\$406,116	\$30,781,074	\$312,563,448	\$95,631,972	\$1,123,987
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.79%	5.70%	6.74%	8.07%	6.21%	1.99%	7.23%
Prior Service	<u>8.06%</u>	<u>-0.15%</u>	<u>0.24%</u>	<u>9.02%</u>	<u>4.15%</u>	<u>1.70%</u>	<u>2.96%</u>
Total Retirement	17.85%	5.55%	6.98%	17.09%	10.36%	3.69%	10.19%
Supplemental Death	<u>0.15%</u>	<u>0.23%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.00%</u>	<u>0.22%</u>
Total Rate	18.00%	5.78%	7.18%	17.09%	10.36%	3.69%	10.41%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	4.53%	6.43%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	10.50%	N/A	N/A	N/A	5.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.0 years	25.0 years	28.0 years	22.0 years	18.5 years	23.0 years	21.0 years
Number of annuitants	43	6	4	561	4,154	1,060	17
Number of active contributing members	139	8	13	665	6,266	1,648	27
Number of inactive members	55	9	3	293	2,101	423	18
Average age of contributing members	42.5 years	33.4 years	44.2 years	43.3 years	45.6 years	45.8 years	48.8 years
Average length of service of contributing members	12.3 years	3.6 years	9.1 years	10.7 years	11.4 years	14.2 years	9.1 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	San Benito	San Felipe	San Juan	San Marcos	San Saba	Sanger	Sansom Park
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,461,653	\$127,400	\$5,530,801	\$103,263,542	\$2,696,872	\$5,235,986	\$422,088
b. Noncontributing Members	1,303,766	124,417	1,691,200	13,494,017	242,355	437,701	721,186
c. Annuitants	<u>4,444,269</u>	<u>0</u>	<u>2,024,676</u>	<u>53,954,278</u>	<u>2,500,607</u>	<u>1,726,644</u>	<u>462,638</u>
2. Total Actuarial Accrued Liability	\$11,209,688	\$251,817	\$9,246,677	\$170,711,837	\$5,439,834	\$7,400,331	\$1,605,912
3. Actuarial value of assets	<u>9,765,960</u>	<u>203,703</u>	<u>9,818,015</u>	<u>131,968,239</u>	<u>4,576,337</u>	<u>6,407,770</u>	<u>1,693,586</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,443,728	\$48,114	(\$571,338)	\$38,743,598	\$863,497	\$992,561	(\$87,674)
5. Funded Ratio: (3) / (2)	87.1%	80.9%	106.2%	77.3%	84.1%	86.6%	105.5%
6. Annual Payroll	\$5,974,601	\$169,637	\$7,895,958	\$33,908,094	\$1,862,596	\$3,226,899	\$1,291,556
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.34%	1.27%	2.22%	9.71%	5.37%	5.35%	6.61%
Prior Service	<u>1.56%</u>	<u>2.30%</u>	<u>-0.46%</u>	<u>7.78%</u>	<u>2.68%</u>	<u>1.78%</u>	<u>-0.43%</u>
Total Retirement	4.90%	3.57%	1.76%	17.49%	8.05%	7.13%	6.18%
Supplemental Death	<u>0.19%</u>	<u>0.15%</u>	<u>0.14%</u>	<u>0.16%</u>	<u>0.21%</u>	<u>0.13%</u>	<u>0.13%</u>
Total Rate	5.09%	3.72%	1.90%	17.65%	8.26%	7.26%	6.31%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	4.48%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	10.50%	N/A	10.50%	12.50%	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.0 years	17.0 years	25.0 years	22.0 years	29.0 years	28.9 years	25.0 years
Number of annuitants	62	0	45	231	22	12	12
Number of active contributing members	168	4	210	555	48	64	35
Number of inactive members	88	6	92	216	12	20	70
Average age of contributing members	42.6 years	45.6 years	40.8 years	42.8 years	41.1 years	41.8 years	36.3 years
Average length of service of contributing members	8.7 years	8.3 years	8.3 years	11.4 years	7.7 years	11.0 years	4.5 years

	Santa Fe	Savoy	Schertz	Schulenburg	Seabrook	Seadrift	Seagoville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$7,241,152	\$43,045	\$33,760,675	\$5,349,671	\$17,725,489	\$437,979	\$7,985,672
b. Noncontributing Members	980,689	90,943	4,581,904	717,646	1,528,757	13,439	1,210,687
c. Annuitants	<u>2,408,402</u>	<u>55,328</u>	<u>11,886,472</u>	<u>6,398,962</u>	<u>10,869,747</u>	<u>41,636</u>	<u>4,424,892</u>
2. Total Actuarial Accrued Liability	\$10,630,243	\$189,316	\$50,229,051	\$12,466,279	\$30,123,993	\$493,054	\$13,621,251
3. Actuarial value of assets	<u>7,884,515</u>	<u>264,065</u>	<u>35,200,062</u>	<u>9,975,428</u>	<u>26,571,950</u>	<u>388,025</u>	<u>12,241,726</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,745,728	(\$74,749)	\$15,028,989	\$2,490,851	\$3,552,043	\$105,029	\$1,379,525
5. Funded Ratio: (3) / (2)	74.2%	139.5%	70.1%	80.0%	88.2%	78.7%	89.9%
6. Annual Payroll	\$3,095,300	\$143,649	\$15,716,036	\$1,680,933	\$5,693,893	\$356,067	\$4,096,495
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.73%	4.11%	10.41%	9.83%	8.66%	1.02%	7.36%
Prior Service	<u>5.58%</u>	<u>-3.28%</u>	<u>5.53%</u>	<u>11.49%</u>	<u>5.06%</u>	<u>2.92%</u>	<u>2.17%</u>
Total Retirement	12.31%	0.83%	15.94%	21.32%	13.72%	3.94%	9.53%
Supplemental Death	<u>0.00%</u>	<u>0.21%</u>	<u>0.12%</u>	<u>0.23%</u>	<u>0.17%</u>	<u>0.16%</u>	<u>0.17%</u>
Total Rate	12.31%	1.04%	16.06%	21.55%	13.89%	4.10%	9.70%
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	10.50%	N/A	N/A	N/A	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	29.0 years	18.1 years	17.0 years	13.0 years	24.0 years
Number of annuitants	17	2	67	23	50	2	48
Number of active contributing members	66	5	302	36	86	9	92
Number of inactive members	47	9	133	13	27	5	52
Average age of contributing members	41.4 years	45.3 years	41.1 years	46.3 years	45.0 years	47.1 years	43.3 years
Average length of service of contributing members	10.6 years	4.6 years	9.3 years	13.5 years	12.8 years	13.1 years	10.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Seagraves	Sealy	Seguin	Selma	Seminole	Seven Points	Seymour
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$555,740	\$6,528,036	\$36,335,590	\$10,023,332	\$6,252,839	\$415,302	\$1,538,367
b. Noncontributing Members	113,230	2,901,800	4,984,829	954,978	2,190,930	119,170	324,234
c. Annuitants	<u>1,156,938</u>	<u>3,253,724</u>	<u>32,763,408</u>	<u>2,803,671</u>	<u>5,856,186</u>	<u>649,378</u>	<u>2,146,351</u>
2. Total Actuarial Accrued Liability	\$1,825,908	\$12,683,560	\$74,083,827	\$13,781,981	\$14,299,955	\$1,183,850	\$4,008,952
3. Actuarial value of assets	<u>1,504,907</u>	<u>10,032,450</u>	<u>58,530,975</u>	<u>10,941,241</u>	<u>12,084,471</u>	<u>1,366,751</u>	<u>3,455,517</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$321,001	\$2,651,110	\$15,552,852	\$2,840,740	\$2,215,484	(\$182,901)	\$553,435
5. Funded Ratio: (3) / (2)	82.4%	79.1%	79.0%	79.4%	84.5%	115.4%	86.2%
6. Annual Payroll	\$591,701	\$2,797,340	\$16,670,563	\$4,732,457	\$2,531,402	\$607,372	\$1,064,263
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.95%	9.55%	7.67%	11.58%	7.63%	7.66%	3.14%
Prior Service	<u>3.14%</u>	<u>5.48%</u>	<u>7.58%</u>	<u>3.46%</u>	<u>5.90%</u>	<u>-1.90%</u>	<u>4.22%</u>
Total Retirement	10.09%	15.03%	15.25%	15.04%	13.53%	5.76%	7.36%
Supplemental Death	<u>0.36%</u>	<u>0.19%</u>	<u>0.19%</u>	<u>0.13%</u>	<u>0.24%</u>	<u>0.16%</u>	<u>0.35%</u>
Total Rate	10.45%	15.22%	15.44%	15.17%	13.77%	5.92%	7.71%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	14.84%	N/A	4.03%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	N/A	13.50%	8.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	28.9 years	29.0 years	17.0 years	29.2 years	22.4 years	25.0 years	17.0 years
Number of annuitants	11	19	205	12	29	8	25
Number of active contributing members	18	52	334	84	55	18	30
Number of inactive members	30	29	122	28	34	25	16
Average age of contributing members	44.2 years	42.4 years	42.7 years	40.3 years	40.8 years	41.5 years	45.0 years
Average length of service of contributing members	6.5 years	10.8 years	10.2 years	9.4 years	7.9 years	2.9 years	9.2 years

	Shady Shores	Shallowater	Shamrock	Shavano Park	Shenandoah	Shepherd	Sherman
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$6,073	\$373,212	\$823,926	\$2,620,838	\$5,328,547	\$331,381	\$57,531,034
b. Noncontributing Members	4,863	431,610	33,629	1,636,985	1,907,773	59,704	7,429,019
c. Annuitants	<u>0</u>	<u>262,274</u>	<u>1,274,558</u>	<u>1,088,811</u>	<u>2,559,107</u>	<u>0</u>	<u>57,603,140</u>
2. Total Actuarial Accrued Liability	\$10,936	\$1,067,096	\$2,132,113	\$5,346,634	\$9,795,427	\$391,085	\$122,563,193
3. Actuarial value of assets	<u>14,952</u>	<u>1,102,695</u>	<u>1,547,433</u>	<u>4,572,230</u>	<u>6,475,241</u>	<u>499,783</u>	<u>107,065,245</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$4,016)	(\$35,599)	\$584,680	\$774,404	\$3,320,186	(\$108,698)	\$15,497,948
5. Funded Ratio: (3) / (2)	136.7%	103.3%	72.6%	85.5%	66.1%	127.8%	87.4%
6. Annual Payroll	\$36,291	\$553,728	\$801,379	\$2,223,889	\$3,235,609	\$278,070	\$21,158,282
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.80%	3.24%	2.95%	11.38%	11.51%	4.78%	8.30%
Prior Service	<u>-0.70%</u>	<u>-0.40%</u>	<u>5.11%</u>	<u>2.01%</u>	<u>5.93%</u>	<u>-2.46%</u>	<u>4.99%</u>
Total Retirement	1.10%	2.84%	8.06%	13.39%	17.44%	2.32%	13.29%
Supplemental Death	<u>0.06%</u>	<u>0.19%</u>	<u>0.48%</u>	<u>0.13%</u>	<u>0.14%</u>	<u>0.17%</u>	<u>0.20%</u>
Total Rate	1.16%	3.03%	8.54%	13.52%	17.58%	2.49%	13.49%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	11.63%	16.12%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	9.50%	N/A	13.50%	N/A	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	21.1 years	29.1 years	29.0 years	25.0 years	22.0 years
Number of annuitants	0	5	17	21	14	0	285
Number of active contributing members	2	15	23	48	48	9	387
Number of inactive members	1	9	10	80	32	3	127
Average age of contributing members	42.7 years	43.7 years	49.9 years	39.8 years	42.0 years	51.6 years	43.1 years
Average length of service of contributing members	6.5 years	5.1 years	7.3 years	7.6 years	9.9 years	9.4 years	11.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Shiner	Shoreacres	Silsbee	Silverton	Sinton	Skellytown	Slaton
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,788,968	\$379,527	\$7,696,877	\$102,796	\$3,317,704	\$7,354	\$3,182,853
b. Noncontributing Members	195,290	652,135	1,525,945	28,352	1,083,710	55,756	853,026
c. Annuitants	<u>1,580,435</u>	<u>461,392</u>	<u>6,746,919</u>	<u>633,613</u>	<u>3,174,096</u>	<u>90,606</u>	<u>2,674,353</u>
2. Total Actuarial Accrued Liability	\$3,564,693	\$1,493,054	\$15,969,741	\$764,761	\$7,575,510	\$153,716	\$6,710,232
3. Actuarial value of assets	<u>3,074,103</u>	<u>1,527,248</u>	<u>12,197,338</u>	<u>803,273</u>	<u>5,820,517</u>	<u>209,826</u>	<u>6,676,031</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$490,590	(\$34,194)	\$3,772,403	(\$38,512)	\$1,754,993	(\$56,110)	\$34,201
5. Funded Ratio: (3) / (2)	86.2%	102.3%	76.4%	105.0%	76.8%	136.5%	99.5%
6. Annual Payroll	\$985,741	\$714,404	\$2,749,553	\$66,490	\$2,050,712	\$132,282	\$1,864,513
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.23%	5.50%	8.74%	4.86%	7.45%	3.43%	5.85%
Prior Service	<u>3.99%</u>	<u>-0.30%</u>	<u>8.64%</u>	<u>-3.65%</u>	<u>4.95%</u>	<u>-2.67%</u>	<u>0.16%</u>
Total Retirement	7.22%	5.20%	17.38%	1.21%	12.40%	0.76%	6.01%
Supplemental Death	<u>0.32%</u>	<u>0.18%</u>	<u>0.00%</u>	<u>0.29%</u>	<u>0.21%</u>	<u>0.16%</u>	<u>0.32%</u>
Total Rate	7.54%	5.38%	17.38%	1.50%	12.61%	0.92%	6.33%
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	9.50%	N/A	N/A	N/A	9.50%	12.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	17.3 years	25.0 years	25.0 years	25.0 years	29.0 years	25.0 years	15.4 years
Number of annuitants	13	4	40	2	20	2	31
Number of active contributing members	28	14	60	3	59	5	47
Number of inactive members	9	17	22	1	39	12	32
Average age of contributing members	48.6 years	45.8 years	42.5 years	38.7 years	42.0 years	43.1 years	43.0 years
Average length of service of contributing members	13.0 years	4.1 years	10.1 years	6.3 years	6.9 years	5.8 years	8.6 years

	Smithville	Smyer	Snyder	Somerset	Somerville	Sonora	Sour Lake
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,657,806	\$181,261	\$12,065,889	\$66,077	\$493,630	\$935,393	\$475,008
b. Noncontributing Members	1,092,505	0	2,259,661	55,336	239,813	602,760	116,891
c. Annuitants	<u>998,745</u>	<u>0</u>	<u>14,187,381</u>	<u>112,850</u>	<u>300,945</u>	<u>2,363,638</u>	<u>0</u>
2. Total Actuarial Accrued Liability	\$4,749,056	\$181,261	\$28,512,931	\$234,263	\$1,034,388	\$3,901,791	\$591,899
3. Actuarial value of assets	<u>4,279,173</u>	<u>168,484</u>	<u>23,670,960</u>	<u>230,877</u>	<u>1,023,625</u>	<u>3,490,287</u>	<u>740,633</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$469,883	\$12,777	\$4,841,971	\$3,386	\$10,763	\$411,504	(\$148,734)
5. Funded Ratio: (3) / (2)	90.1%	93.0%	83.0%	98.6%	99.0%	89.5%	125.1%
6. Annual Payroll	\$2,119,889	\$72,771	\$4,467,730	\$266,054	\$551,680	\$1,186,309	\$507,308
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.39%	4.78%	9.29%	2.57%	5.16%	6.85%	1.12%
Prior Service	<u>1.56%</u>	<u>3.22%</u>	<u>6.82%</u>	<u>0.33%</u>	<u>0.24%</u>	<u>2.01%</u>	<u>-1.12%</u>
Total Retirement	5.95%	8.00%	16.11%	2.90%	5.40%	8.86%	0.00%
Supplemental Death	<u>0.23%</u>	<u>0.15%</u>	<u>0.23%</u>	<u>0.34%</u>	<u>0.26%</u>	<u>0.23%</u>	<u>0.29%</u>
Total Rate	6.18%	8.15%	16.34%	3.24%	5.66%	9.09%	0.29%
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)	9.50%	13.50%	N/A	9.50%	9.50%	N/A	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	20.9 years	6.2 years	25.0 years	4.2 years	9.9 years	28.9 years	25.0 years
Number of annuitants	21	0	45	5	8	27	0
Number of active contributing members	61	2	85	7	17	33	13
Number of inactive members	42	0	42	23	11	22	31
Average age of contributing members	45.3 years	53.0 years	44.3 years	45.2 years	50.8 years	44.8 years	43.6 years
Average length of service of contributing members	8.2 years	18.3 years	10.2 years	3.0 years	7.4 years	6.4 years	10.7 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	South Houston	South Padre Island	Southlake	Southside Place	Spearman	Spring Valley Village	Springtown
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,593,622	\$16,466,263	\$44,128,824	\$2,051,752	\$1,284,981	\$4,013,110	\$2,003,210
b. Noncontributing Members	1,300,605	4,446,592	10,949,779	264,155	655,769	1,328,233	888,029
c. Annuitants	<u>7,136,613</u>	<u>5,979,284</u>	<u>16,989,695</u>	<u>1,760,051</u>	<u>3,373,938</u>	<u>3,929,319</u>	<u>606,316</u>
2. Total Actuarial Accrued Liability	\$21,030,840	\$26,892,139	\$72,068,298	\$4,075,958	\$5,314,688	\$9,270,662	\$3,497,555
3. Actuarial value of assets	<u>18,573,401</u>	<u>24,718,787</u>	<u>63,389,347</u>	<u>3,542,492</u>	<u>4,708,821</u>	<u>9,124,270</u>	<u>3,462,815</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,457,439	\$2,173,352	\$8,678,951	\$533,466	\$605,867	\$146,392	\$34,740
5. Funded Ratio: (3) / (2)	88.3%	91.9%	88.0%	86.9%	88.6%	98.4%	99.0%
6. Annual Payroll	\$4,709,886	\$7,697,990	\$20,192,874	\$1,135,308	\$862,481	\$2,329,358	\$1,520,566
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.06%	10.83%	9.02%	7.90%	8.54%	5.69%	9.84%
Prior Service	<u>4.88%</u>	<u>1.63%</u>	<u>2.48%</u>	<u>2.72%</u>	<u>4.06%</u>	<u>0.38%</u>	<u>0.13%</u>
Total Retirement	10.94%	12.46%	11.50%	10.62%	12.60%	6.07%	9.97%
Supplemental Death	<u>0.23%</u>	<u>0.17%</u>	<u>0.12%</u>	<u>0.19%</u>	<u>0.22%</u>	<u>0.22%</u>	<u>0.17%</u>
Total Rate	11.17%	12.63%	11.62%	10.81%	12.82%	6.29%	10.14%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	12.28%	N/A	9.67%
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	13.50%	N/A	13.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	14.0 years	29.1 years	29.1 years	28.9 years	29.0 years	26.8 years	29.9 years
Number of annuitants	55	38	89	12	19	20	12
Number of active contributing members	108	163	315	20	23	37	42
Number of inactive members	43	80	143	12	37	20	34
Average age of contributing members	46.7 years	43.9 years	41.3 years	45.3 years	42.5 years	45.3 years	45.0 years
Average length of service of contributing members	12.1 years	9.1 years	11.0 years	9.5 years	6.0 years	13.8 years	6.3 years

	Spur	Stafford	Stamford	Stanton	Star Harbor	Stephenville	Sterling City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$514,629	\$16,475,813	\$968,827	\$1,964,991	\$255,354	\$20,446,730	\$207,327
b. Noncontributing Members	262,872	2,903,347	310,222	356,953	338,977	3,833,146	21,204
c. Annuitants	<u>0</u>	<u>14,483,271</u>	<u>1,636,005</u>	<u>311,646</u>	<u>147,070</u>	<u>13,617,635</u>	<u>183,321</u>
2. Total Actuarial Accrued Liability	\$777,501	\$33,862,431	\$2,915,054	\$2,633,590	\$741,401	\$37,897,511	\$411,852
3. Actuarial value of assets	<u>713,022</u>	<u>29,229,403</u>	<u>2,955,173</u>	<u>2,377,711</u>	<u>703,156</u>	<u>32,735,323</u>	<u>432,951</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$64,479	\$4,633,028	(\$40,119)	\$255,879	\$38,245	\$5,162,188	(\$21,099)
5. Funded Ratio: (3) / (2)	91.7%	86.3%	101.4%	90.3%	94.8%	86.4%	105.1%
6. Annual Payroll	\$318,086	\$7,066,145	\$880,656	\$874,917	\$175,400	\$7,102,098	\$207,159
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.48%	10.48%	5.30%	4.49%	7.69%	8.92%	1.03%
Prior Service	<u>2.65%</u>	<u>4.03%</u>	<u>-0.29%</u>	<u>3.08%</u>	<u>1.58%</u>	<u>5.27%</u>	<u>-0.64%</u>
Total Retirement	5.13%	14.51%	5.01%	7.57%	9.27%	14.19%	0.39%
Supplemental Death	<u>0.18%</u>	<u>0.20%</u>	<u>0.38%</u>	<u>0.25%</u>	<u>0.31%</u>	<u>0.20%</u>	<u>0.00%</u>
Total Rate	5.31%	14.71%	5.39%	7.82%	9.58%	14.39%	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	N/A	9.50%	9.50%	N/A	N/A	7.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	9.2 years	26.0 years	25.0 years	12.0 years	20.0 years	20.0 years	25.0 years
Number of annuitants	0	64	23	5	5	70	4
Number of active contributing members	10	137	25	17	6	142	5
Number of inactive members	8	47	29	7	6	75	1
Average age of contributing members	52.3 years	43.2 years	46.8 years	49.0 years	45.6 years	43.5 years	51.0 years
Average length of service of contributing members	12.0 years	9.4 years	7.7 years	13.2 years	7.6 years	12.1 years	13.1 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Stinnett	Stockdale	Stratford	Sudan	Sugar Land	Sulphur Springs	Sundown
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$478,499	\$93,280	\$355,020	\$358,978	\$121,969,739	\$16,672,036	\$813,063
b. Noncontributing Members	667,697	1,022	176,265	388	19,339,434	2,244,858	733,033
c. Annuitants	<u>473,165</u>	<u>0</u>	<u>491,961</u>	<u>268,965</u>	<u>37,933,974</u>	<u>14,133,095</u>	<u>1,123,032</u>
2. Total Actuarial Accrued Liability	\$1,619,361	\$94,302	\$1,023,246	\$628,331	\$179,243,147	\$33,049,989	\$2,669,128
3. Actuarial value of assets	<u>1,959,266</u>	<u>22,450</u>	<u>854,067</u>	<u>591,321</u>	<u>153,994,953</u>	<u>32,503,565</u>	<u>2,314,016</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$339,905)	\$71,852	\$169,179	\$37,010	\$25,248,194	\$546,424	\$355,112
5. Funded Ratio: (3) / (2)	121.0%	23.8%	83.5%	94.1%	85.9%	98.3%	86.7%
6. Annual Payroll	\$537,378	\$325,626	\$557,792	\$255,210	\$41,912,490	\$7,442,296	\$605,432
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	2.58%	1.77%	5.55%	0.79%	10.92%	4.49%	6.56%
Prior Service	<u>-2.58%</u>	<u>2.32%</u>	<u>1.75%</u>	<u>2.12%</u>	<u>3.79%</u>	<u>0.88%</u>	<u>3.45%</u>
Total Retirement	0.00%	4.09%	7.30%	2.91%	14.71%	5.37%	10.01%
Supplemental Death	<u>0.25%</u>	<u>0.50%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.14%</u>	<u>0.20%</u>	<u>0.25%</u>
Total Rate	0.25%	4.59%	7.50%	2.91%	14.85%	5.57%	10.26%
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)	9.50%	N/A	N/A	7.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	12.0 years	29.1 years	8.1 years	25.0 years	10.2 years	28.1 years
Number of annuitants	6	0	8	3	148	102	12
Number of active contributing members	13	7	12	7	655	139	15
Number of inactive members	15	1	20	1	230	43	14
Average age of contributing members	45.1 years	57.7 years	46.2 years	43.5 years	42.4 years	44.8 years	44.9 years
Average length of service of contributing members	5.7 years	15.8 years	6.4 years	13.4 years	11.8 years	12.6 years	6.6 years

	Sunnyvale	Sunray	Sunrise Beach Village	Sunset Valley	Surfside Beach	Sweeny	Sweetwater
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,191,135	\$1,265,150	\$59,514	\$2,158,997	\$214,354	\$1,793,600	\$13,857,398
b. Noncontributing Members	1,100,954	179,128	33,764	953,270	122,620	374,387	1,256,444
c. Annuitants	<u>2,068,757</u>	<u>1,029,466</u>	<u>111,283</u>	<u>1,385,479</u>	<u>40,452</u>	<u>2,946,782</u>	<u>13,420,383</u>
2. Total Actuarial Accrued Liability	\$4,360,846	\$2,473,744	\$204,561	\$4,497,746	\$377,426	\$5,114,769	\$28,534,225
3. Actuarial value of assets	<u>3,632,035</u>	<u>1,706,835</u>	<u>225,124</u>	<u>3,906,203</u>	<u>484,759</u>	<u>3,971,076</u>	<u>22,181,412</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$728,811	\$766,909	(\$20,563)	\$591,543	(\$107,333)	\$1,143,693	\$6,352,813
5. Funded Ratio: (3) / (2)	83.3%	69.0%	110.1%	86.8%	128.4%	77.6%	77.7%
6. Annual Payroll	\$1,543,613	\$530,102	\$422,706	\$1,662,740	\$666,543	\$874,418	\$4,726,653
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.46%	9.07%	1.29%	9.15%	1.67%	9.03%	8.71%
Prior Service	<u>2.73%</u>	<u>9.86%</u>	<u>-0.31%</u>	<u>2.05%</u>	<u>-1.01%</u>	<u>8.23%</u>	<u>9.44%</u>
Total Retirement	12.19%	18.93%	0.98%	11.20%	0.66%	17.26%	18.15%
Supplemental Death	<u>0.16%</u>	<u>0.29%</u>	<u>0.15%</u>	<u>0.11%</u>	<u>0.19%</u>	<u>0.29%</u>	<u>0.27%</u>
Total Rate	12.35%	19.22%	1.13%	11.31%	0.85%	17.55%	18.42%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	12.30%	N/A	N/A	10.40%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	7.50%	13.50%	7.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	22.0 years	25.0 years	29.2 years	25.0 years	25.0 years	21.0 years
Number of annuitants	13	9	2	8	1	18	70
Number of active contributing members	31	13	10	28	21	19	106
Number of inactive members	19	12	10	17	21	9	30
Average age of contributing members	45.0 years	41.2 years	40.2 years	39.5 years	46.0 years	42.6 years	44.9 years
Average length of service of contributing members	6.3 years	7.6 years	5.0 years	7.0 years	4.3 years	8.3 years	11.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	TMRS	Taft	Tahoka	Tatum	Taylor	Teague	Temple
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$19,441,979	\$1,299,926	\$958,224	\$153,190	\$12,182,723	\$758,316	\$77,854,184
b. Noncontributing Members	1,936,546	370,079	57,391	63,176	3,453,651	636,469	11,678,205
c. Annuitants	<u>13,685,759</u>	<u>1,073,067</u>	<u>1,002,140</u>	<u>115,251</u>	<u>10,363,327</u>	<u>1,341,371</u>	<u>75,392,408</u>
2. Total Actuarial Accrued Liability	\$35,064,284	\$2,743,072	\$2,017,755	\$331,617	\$25,999,701	\$2,736,156	\$164,924,797
3. Actuarial value of assets	<u>27,855,890</u>	<u>2,064,310</u>	<u>2,454,160</u>	<u>291,040</u>	<u>20,273,098</u>	<u>2,398,505</u>	<u>136,099,382</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$7,208,394	\$678,762	(\$436,405)	\$40,577	\$5,726,603	\$337,651	\$28,825,415
5. Funded Ratio: (3) / (2)	79.4%	75.3%	121.6%	87.8%	78.0%	87.7%	82.5%
6. Annual Payroll	\$7,877,322	\$1,195,892	\$622,571	\$377,732	\$6,641,151	\$855,711	\$28,503,722
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	10.99%	8.67%	3.35%	1.39%	7.21%	9.78%	9.48%
Prior Service	<u>5.76%</u>	<u>3.28%</u>	<u>-3.35%</u>	<u>0.70%</u>	<u>4.99%</u>	<u>2.28%</u>	<u>6.37%</u>
Total Retirement	16.75%	11.95%	0.00%	2.09%	12.20%	12.06%	15.85%
Supplemental Death	<u>0.16%</u>	<u>0.28%</u>	<u>0.24%</u>	<u>0.26%</u>	<u>0.23%</u>	<u>0.42%</u>	<u>0.20%</u>
Total Rate	16.91%	12.23%	0.24%	2.35%	12.43%	12.48%	16.05%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	12.18%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	11.50%	7.50%	N/A	13.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	29.0 years	25.0 years	23.6 years	28.9 years	29.0 years	25.0 years
Number of annuitants	31	9	9	5	72	20	347
Number of active contributing members	88	29	17	12	135	23	638
Number of inactive members	23	89	4	9	106	23	303
Average age of contributing members	46.8 years	42.1 years	41.2 years	44.3 years	43.5 years	43.9 years	43.4 years
Average length of service of contributing members	11.4 years	6.6 years	10.2 years	4.0 years	10.1 years	5.9 years	10.2 years

	Tenaha	Terrell	Terrell Hills	Tex Municipal League IEBP	Tex Municipal League IRP	Texarkana	Texarkana Police Dept
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$238,575	\$26,761,477	\$5,181,543	\$17,253,413	\$83,419,567	\$17,552,393	\$17,007,316
b. Noncontributing Members	1,533	1,897,068	1,946,876	3,541,153	5,488,132	5,396,526	3,605,237
c. Annuitants	<u>71,671</u>	<u>19,805,956</u>	<u>4,053,444</u>	<u>2,299,778</u>	<u>20,417,000</u>	<u>25,278,791</u>	<u>20,341,552</u>
2. Total Actuarial Accrued Liability	\$311,779	\$48,464,501	\$11,181,863	\$23,094,344	\$109,324,699	\$48,227,710	\$40,954,105
3. Actuarial value of assets	<u>343,830</u>	<u>38,929,120</u>	<u>9,334,075</u>	<u>23,096,657</u>	<u>109,949,264</u>	<u>40,378,656</u>	<u>34,619,480</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$32,051)	\$9,535,381	\$1,847,788	(\$2,313)	(\$624,565)	\$7,849,054	\$6,334,625
5. Funded Ratio: (3) / (2)	110.3%	80.3%	83.5%	100.0%	100.6%	83.7%	84.5%
6. Annual Payroll	\$317,415	\$8,871,950	\$2,421,667	\$9,395,687	\$22,467,973	\$8,265,595	\$5,814,309
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.15%	10.38%	8.25%	3.74%	9.53%	9.50%	10.46%
Prior Service	<u>-0.64%</u>	<u>6.77%</u>	<u>4.41%</u>	<u>0.22%</u>	<u>-0.17%</u>	<u>5.98%</u>	<u>6.30%</u>
Total Retirement	0.51%	17.15%	12.66%	3.96%	9.36%	15.48%	16.76%
Supplemental Death	<u>0.10%</u>	<u>0.20%</u>	<u>0.14%</u>	<u>0.22%</u>	<u>0.20%</u>	<u>0.00%</u>	<u>0.00%</u>
Total Rate	0.61%	17.35%	12.80%	4.18%	9.56%	15.48%	16.76%
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	12.50%	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	29.0 years	0.0 years	25.0 years	25.0 years	29.0 years
Number of annuitants	5	103	24	16	53	160	65
Number of active contributing members	10	165	49	126	234	212	88
Number of inactive members	2	39	36	45	39	92	26
Average age of contributing members	43.4 years	43.9 years	37.0 years	48.6 years	48.5 years	46.4 years	37.7 years
Average length of service of contributing members	5.8 years	11.5 years	8.2 years	10.6 years	14.3 years	9.4 years	12.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Texarkana Water Utilities	Texas City	Texas Municipal League	Texhoma	The Colony	Thompsons	Thorndale
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$19,037,377	\$59,279,489	\$8,011,720	\$38,972	\$39,290,730	\$118,468	\$369,339
b. Noncontributing Members	1,709,234	4,914,607	2,479,587	114	8,132,449	0	87,253
c. Annuitants	15,343,189	69,491,892	8,315,630	14,988	23,533,513	27,251	212,777
2. Total Actuarial Accrued Liability	\$36,089,800	\$133,685,988	\$18,806,937	\$54,074	\$70,956,692	\$145,719	\$669,369
3. Actuarial value of assets	28,821,849	110,315,600	15,615,846	63,979	63,092,167	129,821	667,263
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$7,267,951	\$23,370,388	\$3,191,091	(\$9,905)	\$7,864,525	\$15,898	\$2,106
5. Funded Ratio: (3) / (2)	79.9%	82.5%	83.0%	118.3%	88.9%	89.1%	99.7%
6. Annual Payroll	\$6,989,492	\$20,136,329	\$2,659,243	\$17,618	\$17,553,555	\$122,172	\$324,438
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.53%	8.76%	7.34%	1.58%	9.24%	1.74%	5.61%
Prior Service	7.30%	7.91%	8.29%	-1.58%	2.82%	1.10%	0.09%
Total Retirement	15.83%	16.67%	15.63%	0.00%	12.06%	2.84%	5.70%
Supplemental Death	0.00%	0.00%	0.17%	0.63%	0.16%	0.23%	0.27%
Total Rate	15.83%	16.67%	15.80%	0.63%	12.22%	3.07%	5.97%
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	N/A	N/A	7.50%	N/A	N/A	9.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	21.0 years	22.0 years	21.5 years	25.0 years	25.0 years	16.0 years	8.6 years
Number of annuitants	97	279	21	1	140	1	3
Number of active contributing members	159	410	30	1	284	3	8
Number of inactive members	33	145	21	1	142	0	6
Average age of contributing members	43.4 years	42.6 years	44.6 years	58.4 years	43.2 years	53.7 years	51.1 years
Average length of service of contributing members	10.0 years	10.1 years	11.8 years	17.9 years	11.2 years	9.8 years	8.4 years

	Thrall	Three Rivers	Throckmorton	Tiki Island	Timpson	Tioga	Tolar
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$63,029	\$2,822,286	\$59,283	\$353,117	\$610,746	\$205,114	\$235,564
b. Noncontributing Members	0	420,121	229,356	82,318	23,154	19,461	134,358
c. Annuitants	0	1,230,295	345,623	0	122,093	10,237	0
2. Total Actuarial Accrued Liability	\$63,029	\$4,472,702	\$634,262	\$435,435	\$755,993	\$234,812	\$369,922
3. Actuarial value of assets	13,140	3,933,799	607,872	395,928	748,953	269,081	361,279
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$49,889	\$538,903	\$26,390	\$39,507	\$7,040	(\$34,269)	\$8,643
5. Funded Ratio: (3) / (2)	20.8%	88.0%	95.8%	90.9%	99.1%	114.6%	97.7%
6. Annual Payroll	\$155,593	\$1,941,304	\$151,064	\$392,837	\$532,111	\$255,849	\$193,186
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.62%	2.73%	5.53%	1.87%	2.12%	1.34%	7.11%
Prior Service	3.91%	2.41%	1.01%	0.75%	0.10%	-0.84%	0.26%
Total Retirement	5.53%	5.14%	6.54%	2.62%	2.22%	0.50%	7.37%
Supplemental Death	0.32%	0.24%	0.16%	0.34%	0.13%	0.14%	0.17%
Total Rate	5.85%	5.38%	6.70%	2.96%	2.35%	0.64%	7.54%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	6.95%
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	9.50%	N/A	7.50%	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	10.0 years	15.5 years	29.0 years	19.2 years	18.8 years	25.0 years	28.7 years
Number of annuitants	0	9	6	0	4	1	0
Number of active contributing members	5	45	5	6	12	7	5
Number of inactive members	0	29	5	4	7	7	5
Average age of contributing members	52.1 years	46.8 years	37.4 years	51.0 years	45.3 years	44.7 years	47.6 years
Average length of service of contributing members	8.2 years	9.6 years	2.8 years	11.6 years	8.8 years	11.0 years	10.3 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Tom Bean	Tomball	Trent	Trenton	Trinidad	Trinity	Trophy Club
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$84,514	\$17,321,613	\$133,809	\$57,057	\$218,047	\$533,301	\$7,078,454
b. Noncontributing Members	44,615	3,089,021	0	47,450	29,592	105,640	3,915,786
c. Annuitants	<u>65,534</u>	<u>12,094,355</u>	<u>13,213</u>	<u>198,627</u>	<u>223,893</u>	<u>492,835</u>	<u>3,973,499</u>
2. Total Actuarial Accrued Liability	\$194,663	\$32,504,989	\$147,022	\$303,134	\$471,532	\$1,131,776	\$14,967,739
3. Actuarial value of assets	<u>187,177</u>	<u>26,876,654</u>	<u>141,751</u>	<u>317,977</u>	<u>395,607</u>	<u>967,591</u>	<u>12,641,334</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$7,486	\$5,628,335	\$5,271	(\$14,843)	\$75,925	\$164,185	\$2,326,405
5. Funded Ratio: (3) / (2)	96.2%	82.7%	96.4%	104.9%	83.9%	85.5%	84.5%
6. Annual Payroll	\$275,556	\$9,240,130	\$78,086	\$160,607	\$236,219	\$858,514	\$4,354,377
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.82%	9.78%	4.83%	4.32%	1.31%	5.53%	9.54%
Prior Service	<u>0.18%</u>	<u>3.52%</u>	<u>2.04%</u>	<u>-0.58%</u>	<u>2.41%</u>	<u>1.11%</u>	<u>3.09%</u>
Total Retirement	2.00%	13.30%	6.87%	3.74%	3.72%	6.64%	12.63%
Supplemental Death	<u>0.21%</u>	<u>0.19%</u>	<u>0.46%</u>	<u>0.30%</u>	<u>0.36%</u>	<u>0.25%</u>	<u>0.12%</u>
Total Rate	2.21%	13.49%	7.33%	4.04%	4.08%	6.89%	12.75%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	3.99%	N/A	6.30%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	11.50%	9.50%	7.50%	11.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.0 years	29.0 years	3.6 years	25.0 years	19.0 years	28.8 years	29.0 years
Number of annuitants	1	64	1	3	6	8	25
Number of active contributing members	8	153	2	5	7	28	72
Number of inactive members	10	46	0	8	6	25	79
Average age of contributing members	47.9 years	41.9 years	59.7 years	44.8 years	46.1 years	41.5 years	41.5 years
Average length of service of contributing members	6.6 years	9.6 years	18.0 years	2.9 years	8.5 years	4.0 years	9.2 years

	Troup	Troy	Tulia	Turkey	Tye	Tyler	Universal City
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$420,582	\$361,241	\$4,241,367	\$22,849	\$363,536	\$99,903,167	\$21,204,949
b. Noncontributing Members	167,517	26,302	977,478	33,155	45,538	14,074,419	2,203,974
c. Annuitants	<u>502,306</u>	<u>190,239</u>	<u>3,297,330</u>	<u>175,909</u>	<u>252,130</u>	<u>98,375,149</u>	<u>5,775,537</u>
2. Total Actuarial Accrued Liability	\$1,090,405	\$577,782	\$8,516,175	\$231,913	\$661,204	\$212,352,735	\$29,184,460
3. Actuarial value of assets	<u>962,653</u>	<u>487,091</u>	<u>7,811,098</u>	<u>183,088</u>	<u>510,682</u>	<u>154,938,734</u>	<u>19,791,033</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$127,752	\$90,691	\$705,077	\$48,825	\$150,522	\$57,414,001	\$9,393,427
5. Funded Ratio: (3) / (2)	88.3%	84.3%	91.7%	78.9%	77.2%	73.0%	67.8%
6. Annual Payroll	\$762,097	\$389,374	\$1,417,047	\$88,546	\$411,506	\$33,030,238	\$6,694,767
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	4.69%	7.40%	7.74%	2.00%	4.43%	8.43%	9.82%
Prior Service	<u>0.97%</u>	<u>1.78%</u>	<u>3.88%</u>	<u>3.19%</u>	<u>2.13%</u>	<u>12.20%</u>	<u>8.63%</u>
Total Retirement	5.66%	9.18%	11.62%	5.19%	6.56%	20.63%	18.45%
Supplemental Death	<u>0.23%</u>	<u>0.41%</u>	<u>0.26%</u>	<u>0.28%</u>	<u>0.18%</u>	<u>0.22%</u>	<u>0.19%</u>
Total Rate	5.89%	9.59%	11.88%	5.47%	6.74%	20.85%	18.64%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	5.04%	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	12.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	29.0 years	18.5 years	18.0 years	29.0 years	28.6 years	21.0 years	26.0 years
Number of annuitants	10	8	25	3	4	492	45
Number of active contributing members	21	10	35	3	11	652	123
Number of inactive members	15	5	26	2	6	220	72
Average age of contributing members	43.5 years	51.2 years	42.0 years	47.8 years	47.5 years	43.4 years	43.5 years
Average length of service of contributing members	9.2 years	13.2 years	11.0 years	10.4 years	12.5 years	10.1 years	11.3 years



**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	University Park	Uvalde	Valley View	Van	Van Alstyne	Van Horn	Vega
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$47,292,163	\$5,845,466	\$18,505	\$1,325,976	\$1,570,149	\$1,813,912	\$704,623
b. Noncontributing Members	5,264,829	1,644,620	0	67,630	1,090,240	169,648	0
c. Annuitants	28,527,520	6,535,854	0	523,500	950,680	1,480,828	797,519
2. Total Actuarial Accrued Liability	\$81,084,512	\$14,025,940	\$18,505	\$1,917,106	\$3,611,069	\$3,464,388	\$1,502,142
3. Actuarial value of assets	81,749,202	12,397,630	5,971	1,838,872	2,969,417	2,982,734	1,205,364
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$664,690)	\$1,628,310	\$12,534	\$78,234	\$641,652	\$481,654	\$296,778
5. Funded Ratio: (3) / (2)	100.8%	88.4%	32.3%	95.9%	82.2%	86.1%	80.2%
6. Annual Payroll	\$15,454,912	\$5,811,018	\$172,123	\$994,894	\$1,458,549	\$1,002,047	\$235,450
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.28%	4.27%	1.37%	7.07%	7.96%	4.28%	10.08%
Prior Service	0.27%	1.69%	0.97%	0.50%	2.54%	3.37%	11.19%
Total Retirement	5.55%	5.96%	2.34%	7.57%	10.50%	7.65%	21.27%
Supplemental Death	0.00%	0.18%	0.13%	0.22%	0.11%	0.17%	0.18%
Total Rate	5.55%	6.14%	2.47%	7.79%	10.61%	7.82%	21.45%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	9.63%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	9.50%	N/A	12.50%	12.50%	9.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	0.0 years	26.9 years	9.0 years	24.6 years	29.1 years	21.0 years	15.0 years
Number of annuitants	123	64	0	8	11	13	3
Number of active contributing members	207	157	4	23	32	23	6
Number of inactive members	51	89	0	8	42	11	0
Average age of contributing members	47.3 years	39.8 years	39.2 years	45.4 years	34.2 years	44.8 years	42.5 years
Average length of service of contributing members	17.0 years	6.7 years	5.0 years	10.7 years	5.6 years	11.8 years	8.5 years

	Venus	Vernon	Victoria	Vidor	Village Fire Department	Volente	Waco
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$584,063	\$10,761,806	\$65,889,065	\$9,012,838	\$7,013,907	\$11,810	\$233,605,390
b. Noncontributing Members	101,200	2,100,376	16,648,053	983,935	2,036,477	7,124	19,101,200
c. Annuitants	619,371	9,529,971	91,114,791	7,096,199	7,961,313	0	176,269,627
2. Total Actuarial Accrued Liability	\$1,304,634	\$22,392,153	\$173,651,909	\$17,092,972	\$17,011,697	\$18,934	\$428,976,217
3. Actuarial value of assets	1,158,139	16,388,499	132,528,354	14,139,571	15,846,227	24,988	369,441,417
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$146,495	\$6,003,654	\$41,123,555	\$2,953,401	\$1,165,470	(\$6,054)	\$59,534,800
5. Funded Ratio: (3) / (2)	88.8%	73.2%	76.3%	82.7%	93.1%	132.0%	86.1%
6. Annual Payroll	\$622,813	\$4,321,851	\$28,038,757	\$3,154,299	\$3,337,537	\$86,991	\$77,367,978
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.57%	8.34%	7.22%	8.98%	3.02%	6.56%	6.85%
Prior Service	1.48%	9.46%	9.46%	6.57%	3.68%	-0.44%	6.11%
Total Retirement	11.05%	17.80%	16.68%	15.55%	6.70%	6.12%	12.96%
Supplemental Death	0.00%	0.26%	0.18%	0.19%	0.13%	0.48%	0.00%
Total Rate	11.05%	18.06%	16.86%	15.74%	6.83%	6.60%	12.96%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	9.49%	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 1/2016	25.0 years	22.0 years	24.0 years	21.0 years	12.0 years	25.0 years	17.5 years
Number of annuitants	7	68	415	38	22	0	867
Number of active contributing members	14	98	569	70	46	1	1,513
Number of inactive members	10	55	305	27	24	1	436
Average age of contributing members	42.7 years	42.9 years	40.1 years	45.1 years	39.8 years	64.0 years	44.6 years
Average length of service of contributing members	7.9 years	9.7 years	9.7 years	10.7 years	11.8 years	1.3 years	11.9 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Waelder	Wake Village	Waller	Wallis	Walnut Springs	Waskom	Watauga
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$446,094	\$1,692,532	\$1,278,765	\$325,462	\$106,039	\$683,855	\$19,679,777
b. Noncontributing Members	155,563	383,813	205,016	107,851	0	143,898	6,888,593
c. Annuitants	<u>188,080</u>	<u>1,365,258</u>	<u>1,362,653</u>	<u>439,255</u>	<u>9,078</u>	<u>1,044,806</u>	<u>13,282,963</u>
2. Total Actuarial Accrued Liability	\$789,737	\$3,441,603	\$2,846,434	\$872,568	\$115,117	\$1,872,559	\$39,851,333
3. Actuarial value of assets	<u>783,689</u>	<u>2,777,489</u>	<u>2,841,778</u>	<u>889,132</u>	<u>113,404</u>	<u>1,511,088</u>	<u>33,682,651</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$6,048	\$664,114	\$4,656	(\$16,564)	\$1,713	\$361,471	\$6,168,682
5. Funded Ratio: (3) / (2)	99.2%	80.7%	99.8%	101.9%	98.5%	80.7%	84.5%
6. Annual Payroll	\$585,519	\$1,017,523	\$1,404,875	\$333,205	\$87,776	\$733,939	\$8,954,822
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.78%	9.63%	3.90%	2.66%	1.58%	3.14%	8.92%
Prior Service	<u>0.07%</u>	<u>3.77%</u>	<u>0.02%</u>	<u>-0.31%</u>	<u>0.43%</u>	<u>3.26%</u>	<u>4.24%</u>
Total Retirement	1.85%	13.40%	3.92%	2.35%	2.01%	6.40%	13.16%
Supplemental Death	<u>0.23%</u>	<u>0.32%</u>	<u>0.31%</u>	<u>0.19%</u>	<u>0.29%</u>	<u>0.17%</u>	<u>0.16%</u>
Total Rate	2.08%	13.72%	4.23%	2.54%	2.30%	6.57%	13.32%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	12.54%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	13.50%	9.50%	8.50%	N/A	7.50%	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	22.2 years	29.0 years	26.9 years	25.0 years	5.1 years	23.0 years	26.0 years
Number of annuitants	4	17	17	5	1	8	82
Number of active contributing members	15	28	28	9	2	16	169
Number of inactive members	19	8	10	10	0	13	132
Average age of contributing members	43.6 years	45.4 years	52.3 years	47.1 years	56.1 years	44.6 years	41.6 years
Average length of service of contributing members	7.0 years	9.0 years	8.8 years	7.6 years	14.7 years	9.1 years	9.9 years

	Waxahachie	Weatherford	Webster	Weimar	Wellington	Wells	Weslaco
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$30,074,980	\$54,938,532	\$29,518,570	\$4,391,490	\$1,837,017	\$9,149	\$12,965,587
b. Noncontributing Members	2,873,616	6,661,284	4,839,714	911,132	72,464	45,817	3,145,905
c. Annuitants	<u>21,608,585</u>	<u>34,287,769</u>	<u>15,055,634</u>	<u>1,885,660</u>	<u>1,015,758</u>	<u>226,940</u>	<u>18,161,565</u>
2. Total Actuarial Accrued Liability	\$54,557,181	\$95,887,585	\$49,413,918	\$7,188,282	\$2,925,239	\$281,906	\$34,273,057
3. Actuarial value of assets	<u>43,721,273</u>	<u>83,657,476</u>	<u>40,575,327</u>	<u>5,973,460</u>	<u>3,072,688</u>	<u>278,487</u>	<u>32,354,648</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$10,835,908	\$12,230,109	\$8,838,591	\$1,214,822	(\$147,449)	\$3,419	\$1,918,409
5. Funded Ratio: (3) / (2)	80.1%	87.2%	82.1%	83.1%	105.0%	98.8%	94.4%
6. Annual Payroll	\$12,096,463	\$19,825,431	\$9,791,686	\$1,185,260	\$433,331	\$75,908	\$8,875,626
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	9.05%	8.97%	11.75%	8.26%	4.90%	3.47%	4.40%
Prior Service	<u>5.78%</u>	<u>3.88%</u>	<u>5.22%</u>	<u>9.10%</u>	<u>-2.14%</u>	<u>0.26%</u>	<u>1.57%</u>
Total Retirement	14.83%	12.85%	16.97%	17.36%	2.76%	3.73%	5.97%
Supplemental Death	<u>0.18%</u>	<u>0.18%</u>	<u>0.19%</u>	<u>0.39%</u>	<u>0.49%</u>	<u>0.00%</u>	<u>0.17%</u>
Total Rate	15.01%	13.03%	17.16%	17.75%	3.25%	3.73%	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	N/A	N/A	N/A	N/A	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	24.0 years	25.0 years	29.0 years	15.0 years	25.0 years	29.1 years	19.9 years
Number of annuitants	106	175	77	18	9	3	145
Number of active contributing members	221	345	170	26	13	2	207
Number of inactive members	35	127	77	10	3	4	135
Average age of contributing members	44.1 years	41.8 years	43.8 years	51.8 years	54.4 years	37.0 years	40.2 years
Average length of service of contributing members	10.0 years	10.8 years	12.9 years	15.1 years	18.5 years	1.8 years	8.2 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	West	West Columbia	West Lake Hills	West Orange	West Tawakoni	West Univ. Place	Westlake
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$593,630	\$1,907,406	\$3,813,081	\$4,554,527	\$696,389	\$16,546,758	\$3,529,475
b. Noncontributing Members	228,519	560,407	1,340,966	658,516	80,271	5,696,015	371,172
c. Annuitants	<u>942,725</u>	<u>1,144,441</u>	<u>2,267,200</u>	<u>3,652,336</u>	<u>359,191</u>	<u>19,662,711</u>	<u>443,526</u>
2. Total Actuarial Accrued Liability	\$1,764,874	\$3,612,254	\$7,421,247	\$8,865,379	\$1,135,851	\$41,905,484	\$4,344,173
3. Actuarial value of assets	<u>1,913,192</u>	<u>4,157,300</u>	<u>5,961,093</u>	<u>6,844,470</u>	<u>794,809</u>	<u>36,870,258</u>	<u>3,516,461</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$148,318)	(\$545,046)	\$1,460,154	\$2,020,909	\$341,042	\$5,035,226	\$827,712
5. Funded Ratio: (3) / (2)	108.4%	115.1%	80.3%	77.2%	70.0%	88.0%	80.9%
6. Annual Payroll	\$758,962	\$1,331,804	\$1,860,320	\$1,258,259	\$463,047	\$7,930,886	\$2,172,018
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	3.38%	5.02%	11.94%	9.61%	5.01%	9.16%	9.14%
Prior Service	<u>-1.23%</u>	<u>-2.58%</u>	<u>4.53%</u>	<u>10.61%</u>	<u>5.53%</u>	<u>3.67%</u>	<u>2.24%</u>
Total Retirement	2.15%	2.44%	16.47%	20.22%	10.54%	12.83%	11.38%
Supplemental Death	<u>0.26%</u>	<u>0.00%</u>	<u>0.28%</u>	<u>0.00%</u>	<u>0.30%</u>	<u>0.18%</u>	<u>0.15%</u>
Total Rate	2.41%	2.44%	16.75%	20.22%	10.84%	13.01%	11.53%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	16.05%	N/A	N/A	12.07%	10.52%
Statutory Maximum Rate (Total Retirement Only)	9.50%	11.50%	N/A	N/A	N/A	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	25.0 years	29.1 years	23.1 years	19.0 years	29.0 years	28.1 years
Number of annuitants	10	17	20	17	9	100	8
Number of active contributing members	20	33	29	23	13	108	30
Number of inactive members	8	27	26	11	11	79	17
Average age of contributing members	45.5 years	47.2 years	44.2 years	50.2 years	45.3 years	43.1 years	45.0 years
Average length of service of contributing members	9.6 years	9.2 years	10.2 years	13.5 years	7.4 years	12.0 years	9.4 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	\$438,078	\$2,348,762	\$7,616,035	\$457,368	\$87,140	\$4,075,320	\$10,556,652
b. Noncontributing Members	239,159	475,993	2,078,062	17,543	142,993	790,701	3,965,783
c. Annuitants	<u>1,100,278</u>	<u>1,046,972</u>	<u>3,637,395</u>	<u>644,563</u>	<u>293,687</u>	<u>5,610,155</u>	<u>9,835,823</u>
2. Total Actuarial Accrued Liability	\$1,777,515	\$3,871,727	\$13,331,492	\$1,119,474	\$523,820	\$10,476,176	\$24,358,258
3. Actuarial value of assets	<u>1,762,924</u>	<u>3,239,669</u>	<u>12,324,885</u>	<u>1,053,624</u>	<u>378,670</u>	<u>9,195,376</u>	<u>20,655,000</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$14,591	\$632,058	\$1,006,607	\$65,850	\$145,150	\$1,280,800	\$3,703,258
5. Funded Ratio: (3) / (2)	99.2%	83.7%	92.4%	94.1%	72.3%	87.8%	84.8%
6. Annual Payroll	\$1,034,624	\$2,316,084	\$4,603,677	\$241,570	\$217,891	\$2,038,009	\$5,876,321
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	1.17%	9.35%	4.67%	6.71%	3.18%	11.45%	6.64%
Prior Service	<u>0.08%</u>	<u>1.57%</u>	<u>1.38%</u>	<u>1.72%</u>	<u>3.91%</u>	<u>3.63%</u>	<u>3.88%</u>
Total Retirement	1.25%	10.92%	6.05%	8.43%	7.09%	15.08%	10.52%
Supplemental Death	<u>0.26%</u>	<u>0.18%</u>	<u>0.20%</u>	<u>0.25%</u>	<u>0.46%</u>	<u>0.18%</u>	<u>0.23%</u>
Total Rate	1.51%	11.10%	6.25%	8.68%	7.55%	15.26%	10.75%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	9.15%	N/A	N/A	N/A	14.88%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	13.50%	9.50%	N/A	7.50%	N/A	11.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	30.0 years	29.3 years	24.9 years	24.9 years	28.2 years	29.0 years	26.0 years
Number of annuitants	22	13	33	2	5	29	66
Number of active contributing members	21	55	95	7	6	45	117
Number of inactive members	8	27	40	1	10	18	95
Average age of contributing members	41.7 years	41.7 years	42.5 years	38.3 years	45.0 years	43.1 years	43.5 years
Average length of service of contributing members	6.9 years	7.0 years	11.0 years	7.1 years	3.3 years	10.2 years	9.8 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Whiteface	Whitehouse	Whitesboro	Whitewright	Whitney	Wichita Falls	Willis
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$265,953	\$1,741,812	\$3,355,831	\$506,170	\$337,937	\$100,847,818	\$3,140,309
b. Noncontributing Members	203,859	572,173	659,123	297,021	209,188	12,493,797	370,407
c. Annuitants	<u>20,638</u>	<u>1,465,110</u>	<u>1,615,739</u>	<u>245,266</u>	<u>249,002</u>	<u>120,249,743</u>	<u>938,550</u>
2. Total Actuarial Accrued Liability	\$490,450	\$3,779,095	\$5,630,693	\$1,048,457	\$796,127	\$233,591,358	\$4,449,266
3. Actuarial value of assets	<u>564,400</u>	<u>3,605,391</u>	<u>5,146,378</u>	<u>1,030,211</u>	<u>714,682</u>	<u>192,163,697</u>	<u>3,872,740</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$73,950)	\$173,704	\$484,315	\$18,246	\$81,445	\$41,427,661	\$576,526
5. Funded Ratio: (3) / (2)	115.1%	95.4%	91.4%	98.3%	89.8%	82.3%	87.0%
6. Annual Payroll	\$133,914	\$1,732,914	\$1,817,584	\$713,064	\$610,119	\$44,111,926	\$1,879,179
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.70%	4.53%	4.64%	4.20%	3.31%	4.87%	7.34%
Prior Service	<u>-3.48%</u>	<u>0.58%</u>	<u>2.26%</u>	<u>0.15%</u>	<u>0.77%</u>	<u>7.05%</u>	<u>1.82%</u>
Total Retirement	2.22%	5.11%	6.90%	4.35%	4.08%	11.92%	9.16%
Supplemental Death	<u>0.37%</u>	<u>0.16%</u>	<u>0.21%</u>	<u>0.16%</u>	<u>0.15%</u>	<u>0.00%</u>	<u>0.14%</u>
Total Rate	2.59%	5.27%	7.11%	4.51%	4.23%	11.92%	9.30%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	4.19%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	9.50%	9.50%	9.50%	7.50%	N/A	13.50%
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	25.0 years	29.0 years	16.0 years	28.3 years	29.1 years	19.0 years	27.7 years
Number of annuitants	1	15	23	6	8	591	15
Number of active contributing members	3	37	47	20	18	1,005	41
Number of inactive members	1	28	24	13	16	331	15
Average age of contributing members	49.2 years	41.5 years	45.3 years	39.7 years	44.0 years	44.9 years	42.1 years
Average length of service of contributing members	12.4 years	8.0 years	10.4 years	6.3 years	7.8 years	11.1 years	9.3 years

	Willow Park	Wills Point	Wilmer	Wimberley	Windcrest	Winfield	Wink
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$683,822	\$1,358,005	\$1,205,813	\$148,085	\$2,879,473	\$59,082	\$159,688
b. Noncontributing Members	121,774	743,240	574,380	17,034	1,993,463	3,826	155,618
c. Annuitants	<u>68,193</u>	<u>1,902,267</u>	<u>736,038</u>	<u>11,151</u>	<u>2,722,728</u>	<u>0</u>	<u>248,723</u>
2. Total Actuarial Accrued Liability	\$873,789	\$4,003,512	\$2,516,231	\$176,270	\$7,595,664	\$62,908	\$564,029
3. Actuarial value of assets	<u>695,829</u>	<u>3,267,844</u>	<u>2,760,210</u>	<u>169,114</u>	<u>7,102,080</u>	<u>51,799</u>	<u>599,270</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$177,960	\$735,668	(\$243,979)	\$7,156	\$493,584	\$11,109	(\$35,241)
5. Funded Ratio: (3) / (2)	79.6%	81.6%	109.7%	95.9%	93.5%	82.3%	106.2%
6. Annual Payroll	\$1,500,675	\$1,089,102	\$1,293,206	\$329,824	\$2,714,181	\$267,511	\$245,214
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	5.83%	6.02%	3.11%	1.96%	6.20%	1.52%	6.32%
Prior Service	<u>0.77%</u>	<u>4.90%</u>	<u>-1.19%</u>	<u>0.15%</u>	<u>1.05%</u>	<u>0.27%</u>	<u>-0.90%</u>
Total Retirement	6.60%	10.92%	1.92%	2.11%	7.25%	1.79%	5.42%
Supplemental Death	<u>0.11%</u>	<u>0.20%</u>	<u>0.11%</u>	<u>0.24%</u>	<u>0.19%</u>	<u>0.11%</u>	<u>0.27%</u>
Total Rate	6.71%	11.12%	2.03%	2.35%	7.44%	1.90%	5.69%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	7.43%	N/A	5.11%
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	11.50%	N/A	10.50%	N/A	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	23.8 years	20.0 years	25.0 years	21.5 years	29.1 years	23.7 years	25.0 years
Number of annuitants	3	16	18	3	36	0	4
Number of active contributing members	42	28	38	8	59	6	8
Number of inactive members	32	29	42	8	57	2	1
Average age of contributing members	41.3 years	42.9 years	40.2 years	45.4 years	46.1 years	41.8 years	43.1 years
Average length of service of contributing members	6.2 years	7.7 years	8.1 years	8.8 years	7.5 years	7.4 years	4.4 years

**TEXAS MUNICIPAL RETIREMENT SYSTEM**  
**ACTUARIAL VALUATION OF PARTICIPATING MUNICIPALITIES - DECEMBER 31, 2014**

	Winnsboro	Winona	Winters	Wofforth	Woodcreek	Woodsboro	Woodville
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,269,833	\$94,196	\$920,302	\$2,204,678	\$17,033	\$101,928	\$4,409,653
b. Noncontributing Members	301,735	133,870	183,434	34,765	2,620	101,893	342,147
c. Annuitants	<u>3,237,790</u>	<u>319,977</u>	<u>1,847,556</u>	<u>763,858</u>	<u>66,907</u>	<u>134,735</u>	<u>1,474,016</u>
2. Total Actuarial Accrued Liability	\$4,809,358	\$548,043	\$2,951,292	\$3,003,301	\$86,560	\$338,556	\$6,225,816
3. Actuarial value of assets	<u>4,013,008</u>	<u>671,071</u>	<u>2,729,333</u>	<u>2,178,823</u>	<u>88,534</u>	<u>574,791</u>	<u>5,048,470</u>
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$796,350	(\$123,028)	\$221,959	\$824,478	(\$1,974)	(\$236,235)	\$1,177,346
5. Funded Ratio: (3) / (2)	83.4%	122.4%	92.5%	72.5%	102.3%	169.8%	81.1%
6. Annual Payroll	\$1,363,733	\$290,524	\$539,863	\$1,080,162	\$97,985	\$342,374	\$1,327,702
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	6.40%	10.02%	6.53%	6.47%	3.05%	3.21%	8.49%
Prior Service	<u>3.48%</u>	<u>-2.67%</u>	<u>2.65%</u>	<u>4.58%</u>	<u>-0.13%</u>	<u>-3.21%</u>	<u>7.13%</u>
Total Retirement	9.88%	7.35%	9.18%	11.05%	2.92%	0.00%	15.62%
Supplemental Death	<u>0.25%</u>	<u>0.16%</u>	<u>0.33%</u>	<u>0.15%</u>	<u>0.28%</u>	<u>0.10%</u>	<u>0.21%</u>
Total Rate	10.13%	7.51%	9.51%	11.20%	3.20%	0.10%	15.83%
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%	11.50%	11.50%	N/A	7.50%	N/A
<b>ADDITIONAL INFORMATION</b>							
Equivalent Single Amortization Period as of 1/2016	27.5 years	25.0 years	24.0 years	27.1 years	25.0 years	25.0 years	17.2 years
Number of annuitants	25	2	15	5	2	1	11
Number of active contributing members	36	4	16	25	3	10	31
Number of inactive members	24	9	12	11	2	6	14
Average age of contributing members	45.2 years	44.7 years	43.8 years	39.5 years	63.1 years	42.3 years	44.1 years
Average length of service of contributing members	6.2 years	3.4 years	7.1 years	9.1 years	2.2 years	4.3 years	11.9 years

	Woodway	Wortham	Wylie	Yoakum	Yorktown	Zavalla	
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$12,894,216	\$195,397	\$36,753,683	\$10,319,821	\$542,220	\$106,248	
b. Noncontributing Members	2,409,635	77,470	5,012,073	1,477,292	65,153	94,915	
c. Annuitants	<u>5,965,289</u>	<u>158,666</u>	<u>8,531,633</u>	<u>9,890,761</u>	<u>729,134</u>	<u>244,663</u>	
2. Total Actuarial Accrued Liability	\$21,269,140	\$431,533	\$50,297,389	\$21,687,874	\$1,336,507	\$445,826	
3. Actuarial value of assets	<u>17,435,755</u>	<u>503,541</u>	<u>38,413,738</u>	<u>17,869,697</u>	<u>1,374,597</u>	<u>477,361</u>	
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$3,833,385	(\$72,008)	\$11,883,651	\$3,818,177	(\$38,090)	(\$31,535)	
5. Funded Ratio: (3) / (2)	82.0%	116.7%	76.4%	82.4%	102.8%	107.1%	
6. Annual Payroll	\$4,147,411	\$326,297	\$16,395,133	\$3,495,778	\$532,481	\$161,458	
<b>CITY CONTRIBUTION RATES FOR 2016</b>							
Retirement							
Normal Cost	8.48%	6.01%	10.56%	7.41%	1.15%	3.00%	
Prior Service	<u>7.20%</u>	<u>-1.39%</u>	<u>4.19%</u>	<u>7.67%</u>	<u>-0.45%</u>	<u>-1.23%</u>	
Total Retirement	15.68%	4.62%	14.75%	15.08%	0.70%	1.77%	
Supplemental Death	<u>0.15%</u>	<u>0.10%</u>	<u>0.12%</u>	<u>0.26%</u>	<u>0.35%</u>	<u>0.00%</u>	
Total Rate	15.83%	4.72%	14.87%	15.34%	1.05%	1.77%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	14.57%	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 1/2016	18.0 years	25.0 years	29.0 years	21.0 years	25.0 years	25.0 years	
Number of annuitants	31	2	66	49	11	2	
Number of active contributing members	76	8	255	81	15	6	
Number of inactive members	47	8	112	51	20	10	
Average age of contributing members	40.6 years	41.9 years	41.1 years	45.4 years	47.4 years	37.3 years	
Average length of service of contributing members	9.2 years	4.0 years	9.6 years	11.7 years	10.8 years	3.4 years	

TEXAS MUNICIPAL RETIREMENT SYSTEM  
ACTUARIAL VALUATION OF INACTIVE MUNICIPALITIES - DECEMBER 31, 2014

	Crystal Beach	Floresville No. 1	Graham Regional Med Cntr	Nacogdoches Memorial Hosp	Roy H. Laird Mem Hospital	Santa Anna	
<b>SUMMARY OF ACTUARIAL INFORMATION</b>							
1. Actuarial Accrued Liability							
a. Contributing Members	\$0	\$0	\$0	\$0	\$0	\$0	
b. Noncontributing Members	681	0	8,304,495	0	6,813,244	0	
c. Annuitants	<u>78,370</u>	<u>20,147</u>	<u>8,528,627</u>	<u>0</u>	<u>4,509,190</u>	<u>550</u>	
2. Total Actuarial Accrued Liability	\$79,051	\$20,147	\$16,833,122	\$0	\$11,322,434	\$550	
3. Actuarial value of assets	<u>368,197</u>	<u>53,331</u>	<u>18,211,052</u>	<u>1,799,368</u>	<u>11,069,556</u>	<u>476,656</u>	
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$289,146)	(\$33,184)	(\$1,377,930)	(\$1,799,368)	\$252,878	(\$476,106)	
5. Funded Ratio: (3) / (2)	465.8%	264.7%	108.2%	N/A	97.8%	86664.7%	
6. Annual Payroll	\$0	\$0	\$0	\$0	\$0	\$0	
<b>CITY CONTRIBUTION AMOUNT FOR 2016</b>	\$ -	\$ -	\$ -	\$ -	\$ 29,245	\$ -	
Amortization Period	N/A	N/A	N/A	N/A	13 years	N/A	
<b>ADDITIONAL INFORMATION</b>							
Number of annuitants	1	1	79	0	49	1	
Number of inactive members	1	0	227	0	48	0	