May 10, 2013

Board of Trustees
Texas Municipal Retirement System (“TMRS” or the “System”)
Austin, Texas

Dear Trustees:

In accordance with the Texas Municipal Retirement System (“TMRS”) Act, the annual actuarial valuation of the assets and liabilities of the TMRS Pension Trust Fund was completed as of December 31, 2012.

The actuarial assumptions used for this valuation were initially developed from an actuarial investigation performed by Gabriel Roeder Smith & Company (“GRS”) of the experience of TMRS over the four years beginning January 1, 2006 to December 31, 2009. They were adopted in 2011 and first used in the December 31, 2010 actuarial valuation in conjunction with the fund restructuring that resulted from the passage of Senate Bill 350 during the 82nd Regular Session of the Texas Legislature. There have been no changes to the assumptions utilized since the 2010 valuation; the assumptions and methods used in this valuation are summarized in the Actuarial Section of the Comprehensive Annual Financial Report (CAFR).

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.

It is our opinion that the recommended assumptions and methods are internally consistent and are reasonably based on past and anticipated future experience of the System and comply with the parameters for disclosure as set forth in Governmental Accounting Standards Board Statements No. 25 and as amended in Statement No. 50. We prepared all of the supporting schedules in the Actuarial Section, the Required Supplementary Information in the Financial Section, including the Schedule of Funding Progress, the Schedule of Employer Contributions and the Notes to Trend Data, as well as the applicable notes to these schedules in the Financial Section of the CAFR.

The financing objective for each TMRS plan is to provide retirement, death and disability benefits for a member city’s employees financed by an employer contribution rate. This rate is determined annually and is expected to remain approximately level as a percentage of the employer’s covered payroll. 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 level percentage of payroll. The normal cost contribution rate finances the portion of an active member’s
Board of Trustees  
May 10, 2013  
Page 2 of 2  

projected retirement benefit allocated annually. The prior service contribution rate amortizes the unfunded actuarial accrued liability (“UAAL”) over the applicable period for that city. Both the normal cost and prior service contribution rates include recognition of the projected impact of annually repeating updated service credits and annuity increases.

The employer contribution rates for the municipalities participating in TMRS are certified annually by the Board of Trustees. These rates are actuarially determined and are based upon the plan provisions in effect as of April 1, 2013 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 the December 31, 2012 actuarial valuation will be applicable for the calendar year beginning January 1, 2014 and ending December 31, 2014.

To test how well the financing objective for each plan is being achieved, annual actuarial valuations are made. These actuarial valuations recognize differences in the past year between the actuarial assumptions and the actual experience, and any benefit changes for each plan. A separate actuarial valuation for each participating municipality was made based upon the plan of benefits in effect as of April 1, 2013.

The TMRS staff supplied all of the data for retired, active and inactive members as of December 31, 2012. 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 all of the asset data and financial information as of December 31, 2012. The amounts of the assets in the actuarial valuations agree with the amounts as reported by TMRS.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

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

Respectfully submitted,

Mark R. Randall, MAAA, FCA, EA  
Executive Vice President & Senior Consultant

Joseph P. Newton, MAAA, FSA, EA  
Senior Consultant

Gabriel Roeder Smith & Company
These actuarial assumptions were developed from an actuarial investigation of the experience of TMRS over the four-year period from January 1, 2006 to December 31, 2009. They were adopted by the Board of Trustees in May 2011 and first used in the December 31, 2010 actuarial valuation in conjunction with the fund restructuring that resulted from the passage of SB 350.

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. 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. Therefore, the pay used for the period year following the valuation date is equal to the reported pay for the prior year, increased by the salary increase assumption.
The above age-related rates are assumed for plan participants 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:

<table>
<thead>
<tr>
<th>Years of Service</th>
<th>Rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>12.00</td>
</tr>
<tr>
<td>1 - 2</td>
<td>9.00</td>
</tr>
<tr>
<td>2 - 3</td>
<td>7.00</td>
</tr>
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<tr>
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<td>5.50</td>
</tr>
<tr>
<td>9 - 10</td>
<td>5.50</td>
</tr>
</tbody>
</table>

**E. Annuity Increases** — The Consumer Price Index (CPI) is assumed to be 3.0% per year prospectively. Annuity Increases (also referred to as cost-of-living adjustments, or COLAs) 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:

<table>
<thead>
<tr>
<th>Age</th>
<th>Years of Service</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
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<td>0.1780</td>
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<td>6</td>
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<td>0.1621</td>
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<tr>
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<td>7</td>
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<td>0.1446</td>
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<td>0.1900</td>
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<td>0.0832</td>
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<td></td>
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<td>0.0832</td>
<td>0.0778</td>
</tr>
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<td>7</td>
<td>0.0752</td>
<td>0.0739</td>
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<td></td>
<td>9</td>
<td>0.0635</td>
<td>0.0575</td>
</tr>
</tbody>
</table>
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:

<table>
<thead>
<tr>
<th>Years From Retirement</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.0171</td>
<td>0.0219</td>
</tr>
<tr>
<td>2</td>
<td>0.0244</td>
<td>0.0307</td>
</tr>
<tr>
<td>3</td>
<td>0.0300</td>
<td>0.0374</td>
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<td>4</td>
<td>0.0348</td>
<td>0.0431</td>
</tr>
<tr>
<td>5</td>
<td>0.0390</td>
<td>0.0480</td>
</tr>
<tr>
<td>6</td>
<td>0.0429</td>
<td>0.0525</td>
</tr>
<tr>
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<td>0.0464</td>
<td>0.0566</td>
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<td>0.0497</td>
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<td>9</td>
<td>0.0528</td>
<td>0.0640</td>
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<tr>
<td>10</td>
<td>0.0557</td>
<td>0.0674</td>
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<tr>
<td>11</td>
<td>0.0585</td>
<td>0.0706</td>
</tr>
<tr>
<td>12</td>
<td>0.0612</td>
<td>0.0737</td>
</tr>
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<td>0.0766</td>
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<td>14</td>
<td>0.0662</td>
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<tr>
<td>15</td>
<td>0.0686</td>
<td>0.0822</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Age</th>
<th>Percent of Terminating Employees Choosing to Take a Refund</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>52.0%</td>
</tr>
<tr>
<td>30</td>
<td>47.9%</td>
</tr>
<tr>
<td>35</td>
<td>43.8%</td>
</tr>
<tr>
<td>40</td>
<td>39.7%</td>
</tr>
<tr>
<td>45</td>
<td>35.6%</td>
</tr>
<tr>
<td>50</td>
<td>31.5%</td>
</tr>
<tr>
<td>55</td>
<td>27.4%</td>
</tr>
</tbody>
</table>

Forfeiture rates end at first eligibility for retirement.
C. Service Retirees and Beneficiary Mortality Rates

1. For calculating the actuarial liability and the retirement contribution rates, the gender-distinct RP2000 Combined Healthy Mortality Table projected to the year 2003 by Scale AA.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>0.001053</td>
<td>0.000675</td>
</tr>
<tr>
<td>45</td>
<td>0.001450</td>
<td>0.001071</td>
</tr>
<tr>
<td>50</td>
<td>0.002025</td>
<td>0.001592</td>
</tr>
<tr>
<td>55</td>
<td>0.003421</td>
<td>0.002652</td>
</tr>
<tr>
<td>60</td>
<td>0.006428</td>
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<td>0.009561</td>
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<tr>
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<tr>
<td>80</td>
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<td>0.044922</td>
</tr>
</tbody>
</table>

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 119% for healthy male annuitants, 96% for healthy female annuitants, and 113% on a combined basis.

2. For determining the amount of the monthly retirement benefit at the time of retirement, the UP-1984 Table with an age setback of two years for retirees and an age setback of eight years for beneficiaries.

D. Disabled Annuitant Mortality Rates

1. 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%.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
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<tr>
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<td>50</td>
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</tr>
<tr>
<td>80</td>
<td>0.087498</td>
<td>0.057850</td>
</tr>
</tbody>
</table>
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.

2. For determining the amount of monthly retirement benefit at the time of retirement, the UP-1984 Table with an age setback of two years for retirees and an age setback of eight years for beneficiaries.

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

<table>
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<th>Age</th>
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<th>Females</th>
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<td>0.000198</td>
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<tr>
<td>60</td>
<td>0.003421</td>
<td>0.002652</td>
</tr>
<tr>
<td>65</td>
<td>0.006428</td>
<td>0.004980</td>
</tr>
</tbody>
</table>

Mortality Improvement: While future mortality improvement is 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.

F. Disability Rates

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.000042</td>
<td>0.000014</td>
</tr>
<tr>
<td>25</td>
<td>0.000049</td>
<td>0.000021</td>
</tr>
<tr>
<td>30</td>
<td>0.000095</td>
<td>0.000043</td>
</tr>
<tr>
<td>35</td>
<td>0.000265</td>
<td>0.000131</td>
</tr>
<tr>
<td>40</td>
<td>0.000673</td>
<td>0.000359</td>
</tr>
<tr>
<td>45</td>
<td>0.001295</td>
<td>0.000754</td>
</tr>
<tr>
<td>50</td>
<td>0.002082</td>
<td>0.001333</td>
</tr>
<tr>
<td>55</td>
<td>0.003061</td>
<td>0.002178</td>
</tr>
<tr>
<td>60</td>
<td>0.003842</td>
<td>0.002990</td>
</tr>
<tr>
<td>65</td>
<td>0.000042</td>
<td>0.000014</td>
</tr>
</tbody>
</table>
G. **Service Retirement Rates** (applied to both active and inactive members)

The base table rates vary by gender, entry age group, and age. These rates are then multiplied by 2 factors based on 1) employee contribution rate and employer match and 2) if the city has a recurring COLA.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Entry Age Groups</td>
<td>Entry Age Groups</td>
<td>Entries 32 and under</td>
<td>Ages 33-47</td>
</tr>
<tr>
<td>40-44</td>
<td>0.06</td>
<td>-</td>
<td>0.06</td>
<td>-</td>
</tr>
<tr>
<td>45-49</td>
<td>0.08</td>
<td>0.08</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>50-52</td>
<td>0.08</td>
<td>0.10</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>53</td>
<td>0.08</td>
<td>0.11</td>
<td>0.08</td>
<td>0.11</td>
</tr>
<tr>
<td>54</td>
<td>0.08</td>
<td>0.10</td>
<td>0.11</td>
<td>0.11</td>
</tr>
<tr>
<td>55-59</td>
<td>0.11</td>
<td>0.10</td>
<td>0.11</td>
<td>0.10</td>
</tr>
<tr>
<td>60</td>
<td>0.20</td>
<td>0.15</td>
<td>0.14</td>
<td>0.15</td>
</tr>
<tr>
<td>61</td>
<td>0.25</td>
<td>0.26</td>
<td>0.28</td>
<td>0.26</td>
</tr>
<tr>
<td>62</td>
<td>0.32</td>
<td>0.27</td>
<td>0.28</td>
<td>0.27</td>
</tr>
<tr>
<td>63</td>
<td>0.32</td>
<td>0.28</td>
<td>0.28</td>
<td>0.28</td>
</tr>
<tr>
<td>64</td>
<td>0.32</td>
<td>0.29</td>
<td>0.28</td>
<td>0.29</td>
</tr>
<tr>
<td>65</td>
<td>0.32</td>
<td>0.32</td>
<td>0.28</td>
<td>0.32</td>
</tr>
<tr>
<td>66-69</td>
<td>0.22</td>
<td>0.22</td>
<td>0.22</td>
<td>0.22</td>
</tr>
<tr>
<td>70-74</td>
<td>0.20</td>
<td>0.22</td>
<td>0.22</td>
<td>0.22</td>
</tr>
<tr>
<td>75 and over</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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

Plan design factors applied to base retirement rates are as follows:

<table>
<thead>
<tr>
<th>Employer Match</th>
<th>Employee Contribution Rate 5%</th>
<th>Employee Contribution Rate 6%</th>
<th>Employee Contribution Rate 7%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-1</td>
<td>0.75</td>
<td>0.80</td>
<td>0.84</td>
</tr>
<tr>
<td>1.5 -1</td>
<td>0.81</td>
<td>0.86</td>
<td>0.92</td>
</tr>
<tr>
<td>2 -1</td>
<td>0.86</td>
<td>0.93</td>
<td>1.00</td>
</tr>
</tbody>
</table>

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 value.

B. Small City Methodology — For cities with fewer than 20 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.

C. Actuarial Cost Method — The actuarial cost method being used is known as the Projected Unit Credit actuarial cost method. The Projected Unit Credit 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 is the present value of the portion of projected benefits that is attributable to service accrued in the current year. The unfunded actuarial 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. For underfunded cities with 20 or more employees, the amortization as of the valuation date is a level percentage of payroll over a closed period of either 25 or 30 years. 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.

Under the Projected Unit Credit actuarial cost method, if actual plan experience is close to assumptions, the normal cost will increase each year for each employee as he or she approaches retirement age. However, if the age/service/gender characteristics of the active group remain constant, the total normal cost can be expected to remain somewhat level as a percentage of payroll. The total contribution is made up of the sum of the individual normal costs and the amortization payment on the unfunded actuarial accrued liability.
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.

2. Individual salaries used to project benefits: Actual salaries from the past three fiscal years are used to determine the Updated Service Credit (USC) final average salary as of the valuation date. For future salaries, a three-year exponential moving average of the past three years is projected forward with one year’s salary scale.

3. Pay increase timing: Beginning of (fiscal) year. This is equivalent to assuming that reported salaries represent amounts paid to members during the year ended on the valuation date.

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 his/her 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, he or she is assumed to commence benefits based on the service retirement rates shown in II(G).

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.
1. **Actuarial gain (loss)** — A measure of the difference between actual experience and that expected based upon the actuarial assumptions, during the period between two actuarial valuation dates, as determined in accordance with the actuarial cost method used.

2. **Actuarial accrued liability** — The actuarial present value of benefits attributable to all periods prior to the valuation date.

3. **Actuarial present value** — The value of an amount or series of amounts payable or receivable at various times, determined as of a given date (the valuation date) by the application of the actuarial assumptions.

4. **Actuarial value of assets** — The value of cash, investments, and other property belonging to a pension plan, as used by the actuary for the purpose of an actuarial valuation.

5. **Amortization period** — The period over which the existing unfunded or overfunded actuarial accrued liability is projected to be paid off, as a level percentage of payroll. Previously, this was an open, 25-year period. Effective with the December 31, 2007 valuation, the period is closed. In addition, for cities that experienced an increase in their 2009 rate of more than 0.5% of pay due to the assumption and funding method changes with the 2007 valuation, the period was extended from 25 to 30 years.

6. **Annual required contributions (ARC)** — The employer’s periodic required contributions to the defined benefit pension plan, calculated in accordance with GASB parameters under Statement 25.

7. **Average age of contributing members** — The average attained age as of the valuation date.

8. **Average length of service of contributing members** — The average length of total credited service in TMRS as of the valuation date.

9. **Current service benefits** — Benefits attributable to the member’s accumulated deposits and an amount provided by the municipality at retirement to match the accumulated deposits at the matching ratio in effect when the deposits were made.

10. **Funded ratio** — The actuarial value of assets expressed as a percentage of the actuarial accrued liability.

11. **Funding policy** — The program for the amounts and timing of contributions to be made by plan members and employers to provide the benefits specified by a pension plan.

12. **Normal cost contribution rate** — The actuarial present value of benefits allocated to a valuation year by the actuarial cost method, expressed as a percentage of the covered payroll. It is equal to the sum of the actuarial present value of benefits allocated to the year following the valuation date divided by the compensation expected to be received during the next year for the closed group of members as of the valuation date.

13. **Overfunded actuarial accrued liability** — The excess of the actuarial value of assets over the actuarial accrued liability.

14. **Phase-in rate** — Some cities experienced a significant increase in their calculated contribution rate due to actuarial assumption and method changes in the 2007 and 2008 valuations. The Full Rate less one-eighth of the increase from 2007, and one-seventh of the increase from 2008 is the phase-in rate, which is also called the minimum contribution rate. The amount remaining to be phased in was reduced for any city that has decreased benefits by the amount of the reduction in the full rate due to the change. The amount was similarly reduced by the impact of the Fund Restructuring effective for the December 31, 2010 valuation.

15. **Prior service benefits** — Benefits other than current service benefits. These include all benefits arising from prior service credits, special prior service credits, antecedent service credits, updated service credits, and increases in monthly benefit payments to annuitants (also referred to as Annuity Increases, or AI).

16. **Prior service contribution rate** — The level percentage of payroll required to amortize the unfunded or overfunded actuarial liability over a specified amortization period. If the rate is negative, it is offset against the normal cost contribution rate, with the limitation that the sum of the two rates cannot be negative.

17. **Projected Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years based on years of service. Benefits are allocated equally to each year of service over the individual’s career from hire to retirement. Normal costs are based on the portion of the benefit allocated to the year following the valuation year. Accrued liabilities are based on benefits allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial liability.

18. **Retirement contribution rate** — The sum of the normal cost contribution rate and the prior service contribution rate.

19. **Unfunded actuarial accrued liability** — The excess of the actuarial accrued liability over the actuarial value of assets.
Contributing Members

<table>
<thead>
<tr>
<th>Valuation Date</th>
<th>Number of Active Cities</th>
<th>Number</th>
<th>Annual Payroll</th>
<th>Average Annual Pay</th>
<th>Percent Increase in Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/31/2007</td>
<td>823</td>
<td>98,440</td>
<td>$4,221,290,731</td>
<td>$43,513</td>
<td>4.3%</td>
</tr>
<tr>
<td>12/31/2008</td>
<td>829</td>
<td>100,459</td>
<td>$4,529,989,369</td>
<td>45,551</td>
<td>4.7</td>
</tr>
<tr>
<td>12/31/2009</td>
<td>833</td>
<td>102,419</td>
<td>$4,769,041,587</td>
<td>47,014</td>
<td>3.2</td>
</tr>
<tr>
<td>12/31/2010</td>
<td>837</td>
<td>101,240</td>
<td>$4,797,903,131</td>
<td>47,117</td>
<td>0.2</td>
</tr>
<tr>
<td>12/31/2011</td>
<td>842</td>
<td>101,151</td>
<td>$4,853,135,055</td>
<td>47,958</td>
<td>1.8</td>
</tr>
<tr>
<td>12/31/2012</td>
<td>844</td>
<td>101,827</td>
<td>$4,961,671,305</td>
<td>48,889</td>
<td>1.9</td>
</tr>
</tbody>
</table>

As of December 31, 2012, there were four cities with no contributing members and no city contributions due. In addition, one privatized hospital had no contributing members, but paid a dollar contribution amount to TMRS that is calculated annually by the actuary. Thus there were 849 total city plans, with 844 of them active.

The average annual pay was calculated by dividing the annual payroll by the average of the number of contributing members at the beginning and the end of the year.

Retiree and Beneficiary Data

<table>
<thead>
<tr>
<th>Year Ended</th>
<th>Number of Accounts</th>
<th>Annual Benefit</th>
<th>Number of Accounts</th>
<th>Annual Benefit</th>
<th>Number of Accounts</th>
<th>Annual Benefit</th>
<th>% Increase in Annual Benefit</th>
<th>Average Annual Benefit</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/31/2007</td>
<td>2,933</td>
<td>$44,549,919</td>
<td>598</td>
<td>$6,241,842</td>
<td>34,510</td>
<td>$523,995,541</td>
<td>9.7%</td>
<td>$15,184</td>
</tr>
<tr>
<td>12/31/2008</td>
<td>2,962</td>
<td>59,560,238</td>
<td>609</td>
<td>6,232,194</td>
<td>36,863</td>
<td>577,323,585</td>
<td>10.2</td>
<td>15,656</td>
</tr>
<tr>
<td>12/31/2009</td>
<td>2,750</td>
<td>43,466,305</td>
<td>633</td>
<td>7,356,347</td>
<td>38,980</td>
<td>613,433,543</td>
<td>6.3</td>
<td>15,737</td>
</tr>
<tr>
<td>12/31/2010</td>
<td>3,193</td>
<td>61,116,748</td>
<td>714</td>
<td>8,750,654</td>
<td>41,459</td>
<td>665,799,637</td>
<td>8.5</td>
<td>16,059</td>
</tr>
<tr>
<td>12/31/2011</td>
<td>3,390</td>
<td>58,001,287</td>
<td>782</td>
<td>4,399,586</td>
<td>44,067</td>
<td>719,401,338</td>
<td>8.1</td>
<td>16,325</td>
</tr>
<tr>
<td>12/31/2012</td>
<td>3,545</td>
<td>72,731,553</td>
<td>710</td>
<td>8,898,201</td>
<td>46,902</td>
<td>783,234,690</td>
<td>8.9</td>
<td>16,699</td>
</tr>
</tbody>
</table>

The number of retirement accounts is greater than the number of people who retired, as some retirees worked for more than one city in TMRS and retired with a separate benefit from each city. As of December 31, 2012, there were 4,545 more retirement accounts than people who retired. In addition, this schedule excludes 574 retirees with a “cash-out” in lieu of a monthly benefit. These individuals are still entitled to supplemental death benefits.

The annual benefit is 12 times the amount payable in January following the valuation date, including any annuity increase, if applicable.
<table>
<thead>
<tr>
<th>Annual Report Year</th>
<th>Actuarial Value of Assets</th>
<th>Actuarial Accrued Liability (AAL)</th>
<th>Funded Ratio (1) / (2)</th>
<th>Unfunded AAL (UAAL) (2) - (1)</th>
<th>Covered Payroll</th>
<th>UAAL as a Percentage of Covered Payroll (4) / (5)</th>
<th>City Contributions</th>
<th>Average City Rate (7) / (8)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>$14,203.3</td>
<td>$19,278.8</td>
<td>73.7 %</td>
<td>$5,075.5</td>
<td>$4,221.3</td>
<td>120.2 %</td>
<td>$512.9</td>
<td>12.2 %</td>
</tr>
<tr>
<td>2008</td>
<td>15,149.7</td>
<td>20,360.8</td>
<td>74.4</td>
<td>5,211.1</td>
<td>4,530.0</td>
<td>115.0</td>
<td>567.2</td>
<td>12.5</td>
</tr>
<tr>
<td>2009</td>
<td>16,305.7</td>
<td>21,525.1</td>
<td>75.8</td>
<td>5,219.4</td>
<td>4,769.0</td>
<td>109.4</td>
<td>641.7</td>
<td>13.5</td>
</tr>
<tr>
<td>2010*</td>
<td>16,986.0</td>
<td>20,481.5</td>
<td>82.9</td>
<td>3,495.5</td>
<td>4,797.9</td>
<td>72.9</td>
<td>679.3</td>
<td>14.2</td>
</tr>
<tr>
<td>2011</td>
<td>18,347.0</td>
<td>21,563.3</td>
<td>85.1</td>
<td>3,216.4</td>
<td>4,853.3</td>
<td>66.3</td>
<td>703.8</td>
<td>14.5</td>
</tr>
<tr>
<td>2012</td>
<td>19,784.8</td>
<td>22,683.8</td>
<td>87.2</td>
<td>2,899.0</td>
<td>4,961.7</td>
<td>58.4</td>
<td>664.4</td>
<td>13.4</td>
</tr>
</tbody>
</table>

Each city participating in TMRS is financially responsible for its own plan. Therefore, the aggregate numbers shown above reflect only the aggregate condition of TMRS and do not indicate the status of any one plan.

Columns (1) and (2) above also include the assets and liabilities of the Supplemental Disability Benefits Fund, and for 2007 through 2009 also include the assets and liabilities of the former Current Service Annuity Reserve Fund.

* Actuarial assumptions were modified with the December 31, 2010 valuation, along with a change in the funding structure that resulted from the passage of Senate Bill 350.
The financing objective for each TMRS plan is to finance long-term benefit promises through contributions that remain approximately level from year to year as a percentage of the city’s payroll. If the contributions to each plan are level in concept and soundly executed, each plan will pay all promised benefits when due — the ultimate test of financial soundness. Testing for level contribution rates is the long-term test.

Presented above is one short-term means of checking a system’s progress under its funding program. The present assets are compared with: (1) current member contributions on deposit; (2) the liabilities for future benefits to present retired lives; and (3) the employer-financed portion of the liabilities for service already rendered by current members. In a system that has been following the discipline of level percentage of payroll financing, the liabilities for current member contributions on deposit (liability 1) and the liabilities for future benefits to present retired lives (liability 2) will be fully covered by present assets (except in rare circumstances). In addition, the employer-financed portion of liabilities for service already rendered by current members (liability 3) will be at least partially covered by the remainder of present assets. Generally, if a system has been using level cost financing, and if there are no changes in the plans of benefits, actuarial assumptions, or methods, the funded portion of liability 3 will increase over time, although it is uncommon for it to be fully funded.

Each city participating in TMRS is financially responsible for its own plan. Therefore, the aggregate numbers shown above reflect only the aggregate condition of TMRS and do not indicate the status of any one plan.
The financing objective for each TMRS plan is to finance long-term benefit promises through contributions that remain approximately level from year to year as a percentage of the city’s payroll. To test how well the financing objective is being achieved, an actuarial valuation is made each year to determine the city’s contribution rate for the calendar year beginning one year after the valuation date, which is then compared to the prior year’s rate.

Another important test is made periodically to evaluate the actuarial assumptions used to calculate each city’s contribution rate. As a result of the 2006-2009 study of actuarial experience, new actuarial assumptions were adopted by the Board of Trustees in 2011 and first used in the December 31, 2010 actuarial valuation.
<table>
<thead>
<tr>
<th>Description</th>
<th>2012</th>
<th>2011</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest</td>
<td>$226.0</td>
<td>$259.5</td>
</tr>
<tr>
<td>Amortization payments</td>
<td>(208.7)</td>
<td>(233.3)</td>
</tr>
<tr>
<td>Asset experience</td>
<td>(78.4)</td>
<td>(24.9)</td>
</tr>
<tr>
<td>Liability experience</td>
<td>(275.8)</td>
<td>(198.5)</td>
</tr>
<tr>
<td>Benefit modifications</td>
<td>12.1</td>
<td>(36.1)</td>
</tr>
<tr>
<td>Contributions different than actuarially calculated</td>
<td>7.4</td>
<td>(45.9)</td>
</tr>
<tr>
<td>Total</td>
<td>$(317.4)</td>
<td>$(279.2)</td>
</tr>
</tbody>
</table>
May 10, 2013

Board of Trustees
Texas Municipal Retirement System (“TMRS” or the “System”)
Austin, Texas

Dear Trustees:

Gabriel Roeder Smith & Company (“GRS”) has performed an actuarial valuation for the Supplemental Death Benefits Fund which is administered by the Texas Municipal Retirement System (“TMRS”) for the purposes of complying with Governmental Accounting Standards Board (“GASB”) Statement No. 43. The actuarial assumptions and funding method used for this valuation were initially developed from an actuarial investigation of the experience of TMRS over the four calendar years 2006-2009 performed by GRS. They were adopted in 2011 by the Board of Trustees and first used in the December 31, 2010 actuarial valuation. There have been no changes to the assumptions utilized since the 2010 valuation; the assumptions and methods used in this valuation are summarized in the Actuarial Section of the Comprehensive Annual Financial Report (CAFR).

It is our opinion that the recommended assumptions and methods are internally consistent and are reasonably based upon the past and anticipated long-term future experience of the System. Assumptions and methods were modified as needed for accounting purposes to conform to the requirements for disclosure as set forth in GASB Statement No. 43. We prepared all of the supporting schedules in the Actuarial Section, the Required Supplementary Information in the Financial Section including the Schedule of Funding Progress, the Schedule of Employer Contributions and the Notes to Trend Data, as well as the applicable notes to these schedules in the Financial Section of the CAFR.

The results of the actuarial valuation are dependent upon 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 and calculated contribution rates.

The TMRS Supplemental Death Benefits Fund is an optional cost-sharing multiple-employer defined benefit group life insurance plan. It provides death benefits to both active and retired members. Each participating municipality can elect to cover just active members, or active and retired members. A supplemental death contribution rate is determined annually for each participating municipality as a percentage of that city’s covered payroll. The contribution rate finances the expected benefit payments each year on a pay-as-you-go basis. However, this method does not meet the parameters under GASB Statements No. 43 and 45. Therefore, for purposes of meeting the GASB financial reporting requirements, retiree benefits are evaluated using the projected unit credit actuarial cost method for certain.
determining the Other Post-Employment Benefits (“OPEB”) cost. To the extent that experience differs from what is expected, the pooled assets of the Supplemental Death Benefits Fund act as a reserve. Since the benefit from this Fund is a flat dollar amount, not subject to inflationary factors, and since the asset reserve is adequate to cover adverse experience, we believe that the pay-as-you-go funding approach is reasonable and appropriate.

The employer contribution rates for the municipalities participating in the TMRS Supplemental Death Benefits Fund are certified annually by the Board of Trustees. These rates are determined actuarially, based on the plan provisions in effect as of April 1, 2013 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 the December 31, 2012 actuarial valuation will be applicable for the calendar year beginning January 1, 2014 and ending December 31, 2014.

The TMRS staff supplied all of the member data and annuitant data for active and retired members as of December 31, 2012. 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 all of the asset data and financial information as of December 31, 2012. The amounts of the assets in the actuarial valuations agree with the amounts as reported by TMRS.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of the TMRS Act and, where applicable, the Internal Revenue Code and the Statements of the Governmental Accounting Standards Board.

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

Respectfully submitted,

Mark R. Randall, MAAA, FCA, EA   Joseph P. Newton, MAAA, FSA, EA
Executive Vice President & Senior Consultant   Senior Consultant

Gabriel Roeder Smith & Company
These actuarial assumptions were developed from an actuarial investigation of the experience of TMRS over the four-year period from January 1, 2006 to December 31, 2009. They were adopted by the Board of Trustees in May 2011 and first used in the December 31, 2010 actuarial valuation in conjunction with the fund restructuring of the Pension Trust Fund that resulted from the passage of SB 350 in 2011.

I. Economic Assumptions

A. General Inflation – General inflation is assumed to be 3.00% per year.

B. Discount/Crediting Rates – 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.

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.

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:

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

<table>
<thead>
<tr>
<th>Years From Retirement</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0.0171</td>
<td>0.0219</td>
</tr>
<tr>
<td>2</td>
<td>0.0244</td>
<td>0.0307</td>
</tr>
<tr>
<td>3</td>
<td>0.0300</td>
<td>0.0374</td>
</tr>
<tr>
<td>4</td>
<td>0.0348</td>
<td>0.0431</td>
</tr>
<tr>
<td>5</td>
<td>0.0390</td>
<td>0.0480</td>
</tr>
<tr>
<td>6</td>
<td>0.0429</td>
<td>0.0525</td>
</tr>
<tr>
<td>7</td>
<td>0.0464</td>
<td>0.0566</td>
</tr>
<tr>
<td>8</td>
<td>0.0497</td>
<td>0.0604</td>
</tr>
<tr>
<td>9</td>
<td>0.0528</td>
<td>0.0640</td>
</tr>
<tr>
<td>10</td>
<td>0.0557</td>
<td>0.0674</td>
</tr>
<tr>
<td>11</td>
<td>0.0585</td>
<td>0.0706</td>
</tr>
<tr>
<td>12</td>
<td>0.0612</td>
<td>0.0737</td>
</tr>
<tr>
<td>13</td>
<td>0.0637</td>
<td>0.0766</td>
</tr>
<tr>
<td>14</td>
<td>0.0662</td>
<td>0.0794</td>
</tr>
<tr>
<td>15</td>
<td>0.0686</td>
<td>0.0822</td>
</tr>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>52.0%</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>47.9%</td>
<td></td>
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<tr>
<td>35</td>
<td>43.8%</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>39.7%</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>35.6%</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>31.5%</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>27.4%</td>
<td></td>
</tr>
</tbody>
</table>

Forfeiture rates end at first eligibility for retirement.

C. **Service Retirees and Beneficiary Mortality Rates**

For calculating the actuarial liability and the supplemental death contribution rates, the gender-distinct RP2000 Combined Healthy Mortality Table projected to the year 2003 by Scale AA.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>0.001053</td>
<td>0.000675</td>
</tr>
<tr>
<td>45</td>
<td>0.001450</td>
<td>0.001071</td>
</tr>
<tr>
<td>50</td>
<td>0.002025</td>
<td>0.001592</td>
</tr>
<tr>
<td>55</td>
<td>0.003421</td>
<td>0.002652</td>
</tr>
<tr>
<td>60</td>
<td>0.006422</td>
<td>0.004983</td>
</tr>
<tr>
<td>65</td>
<td>0.012210</td>
<td>0.009561</td>
</tr>
<tr>
<td>70</td>
<td>0.021222</td>
<td>0.016492</td>
</tr>
<tr>
<td>75</td>
<td>0.036267</td>
<td>0.027437</td>
</tr>
<tr>
<td>80</td>
<td>0.062456</td>
<td>0.044922</td>
</tr>
</tbody>
</table>

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 119% for healthy male annuitants, 96% for healthy female annuitants, and 113% on a combined basis.
D. Disabled Annuitant Mortality Rates

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

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>0.018057</td>
<td>0.005960</td>
</tr>
<tr>
<td>45</td>
<td>0.018057</td>
<td>0.005960</td>
</tr>
<tr>
<td>50</td>
<td>0.023180</td>
<td>0.009228</td>
</tr>
<tr>
<td>55</td>
<td>0.028354</td>
<td>0.013235</td>
</tr>
<tr>
<td>60</td>
<td>0.033634</td>
<td>0.017471</td>
</tr>
<tr>
<td>65</td>
<td>0.040139</td>
<td>0.022421</td>
</tr>
<tr>
<td>70</td>
<td>0.050066</td>
<td>0.030108</td>
</tr>
<tr>
<td>75</td>
<td>0.065654</td>
<td>0.041784</td>
</tr>
<tr>
<td>80</td>
<td>0.087498</td>
<td>0.057850</td>
</tr>
</tbody>
</table>

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. 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.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.000254</td>
<td>0.000162</td>
</tr>
<tr>
<td>25</td>
<td>0.000326</td>
<td>0.000182</td>
</tr>
<tr>
<td>30</td>
<td>0.000365</td>
<td>0.000198</td>
</tr>
<tr>
<td>35</td>
<td>0.000437</td>
<td>0.000256</td>
</tr>
<tr>
<td>40</td>
<td>0.000761</td>
<td>0.000459</td>
</tr>
<tr>
<td>45</td>
<td>0.001053</td>
<td>0.000675</td>
</tr>
<tr>
<td>50</td>
<td>0.001450</td>
<td>0.001071</td>
</tr>
<tr>
<td>55</td>
<td>0.002025</td>
<td>0.001592</td>
</tr>
<tr>
<td>60</td>
<td>0.003421</td>
<td>0.002652</td>
</tr>
<tr>
<td>65</td>
<td>0.006428</td>
<td>0.004980</td>
</tr>
</tbody>
</table>

Mortality Improvement: While future mortality improvement is 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.
### F. Disability Rates

<table>
<thead>
<tr>
<th>Age</th>
<th>Males</th>
<th>Females</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>0.000042</td>
<td>0.000014</td>
</tr>
<tr>
<td>25</td>
<td>0.000049</td>
<td>0.000021</td>
</tr>
<tr>
<td>30</td>
<td>0.000095</td>
<td>0.000043</td>
</tr>
<tr>
<td>35</td>
<td>0.000265</td>
<td>0.000131</td>
</tr>
<tr>
<td>40</td>
<td>0.000673</td>
<td>0.000359</td>
</tr>
<tr>
<td>45</td>
<td>0.001295</td>
<td>0.000754</td>
</tr>
<tr>
<td>50</td>
<td>0.002082</td>
<td>0.001333</td>
</tr>
<tr>
<td>55</td>
<td>0.003061</td>
<td>0.002178</td>
</tr>
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<td>60</td>
<td>0.003842</td>
<td>0.002990</td>
</tr>
<tr>
<td>65</td>
<td>0.000042</td>
<td>0.000014</td>
</tr>
</tbody>
</table>

### G. Service Retirement Rates

The base table rates vary by gender, entry age group, and age. These rates are then multiplied by 2 factors based on 1) employee contribution rate and employer match and 2) if the city has a recurring COLA.

<table>
<thead>
<tr>
<th>Age</th>
<th>Males Ages 32 and under</th>
<th>Males Ages 33-47</th>
<th>Males Ages 48 and over</th>
<th>Females Ages 32 and under</th>
<th>Females Ages 33-47</th>
<th>Females Ages 48 and over</th>
</tr>
</thead>
<tbody>
<tr>
<td>40-44</td>
<td>0.06</td>
<td>-</td>
<td>-</td>
<td>0.06</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>45-49</td>
<td>0.06</td>
<td>-</td>
<td>-</td>
<td>0.06</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>50-52</td>
<td>0.08</td>
<td>-</td>
<td>-</td>
<td>0.08</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>53</td>
<td>0.08</td>
<td>0.10</td>
<td>-</td>
<td>0.08</td>
<td>0.10</td>
<td>-</td>
</tr>
<tr>
<td>54</td>
<td>0.08</td>
<td>0.10</td>
<td>-</td>
<td>0.11</td>
<td>0.10</td>
<td>-</td>
</tr>
<tr>
<td>55-59</td>
<td>0.14</td>
<td>0.10</td>
<td>-</td>
<td>0.11</td>
<td>0.10</td>
<td>-</td>
</tr>
<tr>
<td>60</td>
<td>0.20</td>
<td>0.15</td>
<td>0.10</td>
<td>0.14</td>
<td>0.15</td>
<td>0.10</td>
</tr>
<tr>
<td>61</td>
<td>0.25</td>
<td>0.30</td>
<td>0.20</td>
<td>0.28</td>
<td>0.26</td>
<td>0.20</td>
</tr>
<tr>
<td>62</td>
<td>0.32</td>
<td>0.25</td>
<td>0.12</td>
<td>0.28</td>
<td>0.17</td>
<td>0.12</td>
</tr>
<tr>
<td>63</td>
<td>0.32</td>
<td>0.23</td>
<td>0.12</td>
<td>0.28</td>
<td>0.17</td>
<td>0.12</td>
</tr>
<tr>
<td>64</td>
<td>0.32</td>
<td>0.35</td>
<td>0.20</td>
<td>0.28</td>
<td>0.22</td>
<td>0.20</td>
</tr>
<tr>
<td>65</td>
<td>0.32</td>
<td>0.32</td>
<td>0.20</td>
<td>0.28</td>
<td>0.27</td>
<td>0.20</td>
</tr>
<tr>
<td>66-69</td>
<td>0.22</td>
<td>0.22</td>
<td>0.17</td>
<td>0.22</td>
<td>0.22</td>
<td>0.17</td>
</tr>
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<td>0.22</td>
<td>0.22</td>
<td>0.25</td>
</tr>
<tr>
<td>75 and over</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

Note: For cities without a 20-year/any age retirement provision, the rates for entry ages 32 and under are loaded by 20% for ages below 60.
Plan design factors applied to base retirement rates are as follows:

<table>
<thead>
<tr>
<th>Employer Match</th>
<th>Employee Contribution Rate</th>
<th>5%</th>
<th>6%</th>
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<td>0.86</td>
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<td>1.00</td>
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</table>

Recurring COLA: 1.00
No Recurring COLA: 0.90

III. Methods and Assumptions

A. Valuation of Assets – For purposes of actuarial valuation, assets of the Supplemental Death Benefits Fund are valued at “fund value” (or fund balance), as these assets are pooled with those of the Pension Trust Fund under the provisions of the TMRS Act.

B. Actuarial Cost Method – For the Supplemental Death Benefit Fund for GASB purposes, the actuarial cost method used is the Projected Unit Credit actuarial cost method. Under this method, the member’s projected “other postemployment benefits” (OPEB) are assumed to accrue in equal portions each year over the member’s career. The actuarial present value of benefits allocated to a valuation year is called the normal cost. The actuarial present value of benefits allocated to all periods prior to the valuation year is called the actuarial accrued liability. The unfunded actuarial accrued liability is amortized over a constant 25-year amortization period as a level percentage of payroll.

The funding policy of this plan is to assure that adequate resources are available to meet all death benefit payments for the upcoming year; the intent is not to prefund retiree term life insurance during employees’ entire careers. As such, contributions are utilized to fund active member deaths on a pay-as-you-go basis; any excess contributions and investment income over payments then become net assets available for OPEB.

IV. Other Assumptions

1. 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, he or she is assumed to commence benefits based on the service retirement rates shown in II(G).
2. There will be no recoveries once disabled.

3. Decrement timing: Decrernents of all types are assumed to occur mid-year.

4. Eligibility testing: Eligibility for benefits is determined based upon the age at the nearest birthday and service at the nearest whole year on the date the decrement is assumed to occur.

5. Decrement relativity: Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.

6. Incidence of contributions: Contributions are assumed to be received continuously throughout the year.

7. Benefit service: All members are assumed to accrue 1 year of eligibility service each year.

---

**Definitions (Supplemental Death Benefits Fund)**

1. **Actuarial gain (loss)** — A measure of the difference between actual experience and that expected based upon the actuarial assumptions, during the period between two actuarial valuation dates, as determined in accordance with the actuarial cost method used.

2. **Actuarial accrued liability** — The actuarial present value of benefits attributable to all periods prior to the valuation date.

3. **Actuarial present value** — The value of an amount or series of amounts payable or receivable at various times, determined as of a given date (the valuation date) by the application of the actuarial assumptions.

4. **Actuarial value of assets** — The value of cash, investments, and other property belonging to the plan, as used by the actuary for the purpose of an actuarial valuation. For this OPEB plan, assets are valued at “fund value” (or fund balance) as these assets are pooled with those of the TMRS Pension Trust Fund, under the provisions of the TMRS Act.

5. **Annual required contributions (ARC)** — The employer’s periodic required contributions to the OPEB plan, calculated in accordance with GASB parameters under Statement 43.

6. **Funded ratio** — The actuarial value of assets expressed as a percentage of the actuarial accrued liability.

7. **Funding policy** — The program for the amounts and timing of contributions to be made by plan members and employers to provide the benefits specified by an OPEB plan.

8. **Other post-employment benefits (OPEB)** — Post-employment benefits other than pension benefits. Specifically, for TMRS, the $7,500 Supplemental Death Benefit payable to the retirees of municipalities that have elected to offer this benefit.
9. **Projected Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years based on years of service. Benefits are allocated equally to each year of service over the individual’s career from hire to retirement. Normal costs are based on the portion of the benefit allocated to the year following the valuation year. Accrued liabilities are based on benefits allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial liability.

10. **Supplemental death contribution rate** — The actuarial present value of Supplemental Death Benefits expected to be paid during the coming year, expressed as a percentage of the covered payroll. The benefits include those payable to both active and retired participants after retirement, under the provisions adopted by each municipality.

11. **Unfunded actuarial accrued liability** — The excess of the actuarial accrued liability over the actuarial value of assets.

---

### Summary of Actuarial Liabilities & Funding Progress

**(Supplemental Death Benefits Fund)**

<table>
<thead>
<tr>
<th>Annual Report Year</th>
<th>Actuarial Value of Assets</th>
<th>Actuarial Accrued Liability (AAL)</th>
<th>Funded Ratio (1) / (2)</th>
<th>Unfunded AAL (UAAL) (2) - (1)</th>
<th>Covered Payroll</th>
<th>UAAL Divided by Covered Payroll (4) / (5)</th>
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<td>111.9</td>
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<td>3,103.5</td>
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<td>139.2</td>
<td>19.9</td>
<td>111.5</td>
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<tr>
<td>2012</td>
<td>25.7</td>
<td>147.9</td>
<td>17.4</td>
<td>122.2</td>
<td>3,233.4</td>
<td>3.8</td>
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</table>

Each city participating in TMRS may elect, by ordinance, to offer supplemental death benefits for their active employees, including or not including retirees. The aggregate numbers shown above reflect the aggregate condition of TMRS OPEB benefits.
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**: $559,796, $94,792,614, $45,137,284, $5,439,091, $6,963,477, $126,533, $161,751
   - **Noncontributing Members**: 64,807, 17,512,103, 9,907,294, 665,804, 3,073,941, 3,634, 26,663
   - **Annuitants**: 277,112, 123,284,738, 39,686,220, 797,300, 9,082,992, 36,123, 331,920

2. **Total Actuarial Accrued Liability**: $901,415, $235,589,455, $94,730,798, $6,902,395, $19,080,410, $166,290, $520,334

3. **Actuarial value of assets**: 851,075, 222,887,376, 94,883,851, 5,421,002, 13,157,016, 165,983, 590,310

4. **Unfunded/(overfunded) actuarial accrued liability**: $50,340, $12,702,079, ($153,053), $1,481,393, $5,923,394, $307, ($69,976)

5. **Funded Ratio**: 94.4%, 94.6%, 100.2%, 78.5%, 69.0%, 99.8%, 113.4%

6. **Annual Payroll**: $484,187, $41,183,621, $16,987,118, $3,926,694, $4,919,806, $201,764, $571,368

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

- **Normal Cost**: 2.83%, 8.86%, 9.58%, 5.26%, 7.67%, 1.88%, 1.26%
- **Prior Service**: 0.77%, 2.00%, 0.35%, 2.37%, 7.56%, 0.01%, -0.77%
- **Total Retirement**: 3.60%, 10.86%, 9.93%, 7.63%, 15.23%, 1.89%, 0.49%
- **Supplemental Death**: 0.30%, 0.24%, 0.17%, 0.16%, 0.19%, 0.13%, 0.26%
- **Total Rate**: 3.90%, 11.10%, 10.10%, 7.79%, 15.42%, 2.02%, 0.75%

#### Statutory Maximum Rate (Total Retirement Only)
- **Phase-In Rate (Minimum Contribution)**, Incl. Supplemental Death: N/A, N/A, 13.50%, N/A, N/A, N/A, N/A
- **Statutory Maximum Rate**: N/A, 11.50%, 13.50%, 11.50%, 13.50%, 13.50%, N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 19.4 years, 23.8 years, 2.5 years, 25.1 years, 25.1 years, 23.3 years, 25.0 years
- **Number of annuitants**: 5, 690, 147, 17, 61, 1, 6
- **Number of active contributing members**: 14, 978, 249, 118, 94, 5, 15
- **Number of inactive members**: 12, 334, 148, 72, 55, 1, 8
- **Average age of contributing members**: 42.6 years, 43.8 years, 41.5 years, 41.7 years, 40.5 years, 46.2 years, 43.4 years
- **Average length of service of contributing members**: 10.5 years, 10.7 years, 11.9 years, 10.3 years, 10.5 years, 8.6 years, 4.3 years

---

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**: $348,066, $17,765,577, $76,144,533, $2,818,013, $159,570, $2,009,079, $1,158,096
   - **Noncontributing Members**: 85,540, 2,808,278, 13,672,104, 322,172, 200,229, 670,980, 451,275
   - **Annuitants**: 90,833, 13,027,120, 28,083,676, 1,728,808, 361,060, 196,885, 1,158,096

2. **Total Actuarial Accrued Liability**: $524,439, $33,600,975, $117,900,313, $4,868,993, $720,859, $2,876,944, $1,818,337

3. **Actuarial value of assets**: 442,278, 29,581,556, 98,094,098, 5,960,413, 706,224, 2,246,112, 1,181,073

4. **Unfunded/(overfunded) actuarial accrued liability**: ($82,161), ($4,019,419), ($19,806,215), ($1,091,420), ($5,635,112), ($137,264), ($1,975,005)

5. **Funded Ratio**: 84.3%, 88.0%, 83.2%, 122.4%, 98.0%, 78.1%, 92.5%

6. **Annual Payroll**: $518,697, $9,817,134, $38,266,929, $2,303,942, $291,984, $1,975,905, $2,199,568

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

- **Normal Cost**: 2.81%, 7.83%, 10.50%, 4.06%, 5.58%, 8.59%, 3.84%
- **Prior Service**: 1.16%, 2.57%, 3.24%, -2.98%, 0.36%, 1.96%, 0.46%
- **Total Retirement**: 3.97%, 10.40%, 13.74%, 1.08%, 5.87%, 8.70%, 3.96%
- **Supplemental Death**: 0.15%, 0.00%, 0.13%, 0.20%, 0.29%, 0.11%, 0.12%
- **Total Rate**: 4.12%, 10.40%, 13.87%, 1.28%, 6.06%, 9.80%, 4.08%

#### Statutory Maximum Rate (Total Retirement Only)
- **Phase-In Rate (Minimum Contribution)**, Incl. Supplemental Death: N/A, N/A, 13.54%, N/A, N/A, N/A, N/A
- **Statutory Maximum Rate**: N/A, 11.50%, 13.50%, 11.50%, 13.50%, 13.50%, N/A

### ADDITIONAL INFORMATION

- **Number of annuitants**: 3, 119, 121, 28, 7, 1, 9
- **Number of active contributing members**: 11, 231, 657, 61, 10, 67, 50
- **Number of inactive members**: 8, 71, 263, 25, 58, 43
- **Average age of contributing members**: 41.2 years, 43.9 years, 41.8 years, 42.8 years, 36.6 years, 37.6 years, 38.8 years
- **Average length of service of contributing members**: 10.6 years, 9.9 years, 9.3 years, 8.8 years, 3.9 years, 5.6 years, 5.4 years
### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
   - a. Contributing Members: $23,734,403
   - b. Noncontributing Members: $6,643,965
   - c. Annuitants: $14,502,243

**2. Total Actuarial Accrued Liability:**
   - $44,880,611

**3. Actuarial value of assets:**
   - $36,130,761

**4. Unfunded/(overfunded) actuarial accrued liability:**
   - ($2) - (3): $8,749,850

**5. Funded Ratio:**
   - (3) / (2): 80.5%

**6. Annual Payroll:**
   - $9,822,728

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
   - Normal Cost: 11.51%
   - Prior Service: 5.59%
   - Total Retirement: 17.10%
   - Supplemental Death: 0.16%
   - Total Rate: 17.26%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
   - 16.47%

**Statutory Maximum Rate (Total Retirement Only)**
   - N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.1 years
- **Number of annuitants**: 84
- **Number of active contributing members**: 225
- **Number of inactive members**: 127
- **Average age of contributing members**: 41.2 years
- **Average length of service of contributing members**: 8.6 years

### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
   - a. Contributing Members: $2,607,692
   - b. Noncontributing Members: $174,861
   - c. Annuitants: $573,404

**2. Total Actuarial Accrued Liability:**
   - $3,355,957

**3. Actuarial value of assets:**
   - $2,245,021

**4. Unfunded/(overfunded) actuarial accrued liability:**
   - ($2) - (3): $1,110,936

**5. Funded Ratio:**
   - (3) / (2): 66.9%

**6. Annual Payroll:**
   - $2,209,974

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
   - Normal Cost: 7.97%
   - Prior Service: 3.14%
   - Total Retirement: 11.15%
   - Supplemental Death: 0.12%
   - Total Rate: 11.23%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
   - N/A

**Statutory Maximum Rate (Total Retirement Only)**
   - N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.1 years
- **Number of annuitants**: 3
- **Number of active contributing members**: 44
- **Number of inactive members**: 10
- **Average age of contributing members**: 40.9 years
- **Average length of service of contributing members**: 8.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   
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<th>Arp</th>
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2. **Total Actuarial Accrued Liability** (2)

3. **Actuarial value of assets**

4. **Unfunded/(overfunded) actuarial accrued liability:** (2) - (3)

5. **Funded Ratio:** (3) / (2)

6. **Annual Payroll**

#### CITY CONTRIBUTION RATES FOR 2014

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<thead>
<tr>
<th></th>
<th>Retirement</th>
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<th></th>
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<td>Prior Service</td>
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<td>Supplemental Death</td>
<td>Total Rate</td>
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#### ADDITIONAL INFORMATION

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<th>Baird</th>
<th>Balmorhea</th>
<th>Bandera</th>
<th>Bangs</th>
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<th>Balcones Heights</th>
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<td>$1,164,825</td>
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### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**

2. **Total Actuarial Accrued Liability** (2)

3. **Actuarial value of assets**

4. **Unfunded/(overfunded) actuarial accrued liability:** (2) - (3)

5. **Funded Ratio:** (3) / (2)

6. **Annual Payroll**

#### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
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<td>Supplemental Death</td>
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<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<td>$3,154,073</td>
<td>$15,974,446</td>
<td>$10,963,251</td>
<td>$1,164,825</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $151,474 $672,394 $6,853,881 $10,378,299 $92,464 $109,806,813 $183,065,091
   - b. Noncontributing Members 76,081 108,410 912,682 2,867,091 32,087 17,783,603 18,294,381
   - c. Annuitants 302,658 0 3,109,043 13,697,170 66,276 101,513,763 172,780,379

2. **Total Actuarial Accrued Liability**
   - $350,213 $780,804 $10,875,606 $26,942,560 $190,827 $229,104,179 $374,139,851

3. **Actuarial value of assets**
   - $732,238 $432,004 $9,153,263 $23,793,217 $232,662 $184,197,313 $302,442,540

4. **Unfunded/(overfunded) actuarial accrued liability:**
   - (2) - (3) ($202,025) $348,800 $1,722,343 $3,149,343 ($41,835) $44,906,866 $71,697,311

5. **Funded Ratio:**
   - (3) / (2) 138.1% 55.3% 84.2% 88.3% 121.9% 80.4% 80.8%

6. **Annual Payroll**
   - $625,603 $393,397 $5,033,761 $6,390,297 $245,388 $40,845,002 $58,266,526

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>1.90%</td>
<td>7.88%</td>
<td>9.76%</td>
<td>0.16%</td>
<td>11.94%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Prior Service</td>
<td>-1.90%</td>
<td>3.09%</td>
<td>2.14%</td>
<td>0.00%</td>
<td>3.12%</td>
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<td>N/A</td>
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<tr>
<td>Total Retirement</td>
<td>0.00%</td>
<td>0.00%</td>
<td>9.76%</td>
<td>0.00%</td>
<td>9.76%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.11%</td>
<td>0.25%</td>
<td>0.25%</td>
<td>0.00%</td>
<td>0.25%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Rate</td>
<td>0.11%</td>
<td>0.25%</td>
<td>11.94%</td>
<td>0.25%</td>
<td>12.19%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period: 22.1 years
- Number of annuitants: 13
- Number of active contributing members: 333
- Number of inactive members: 43
- Average age of contributing members: 42.3 years
- Average length of service of contributing members: 11.8 years

---

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - b. Noncontributing Members 710,001 777,340 1,736,510 5,559,389 1,563,321 139,258 606,631

2. **Total Actuarial Accrued Liability**
   - $17,582,830 $2,620,062 $8,172,715 $64,179,468 $9,736,082 $197,166 $8,982,300

3. **Actuarial value of assets**
   - $6,694,752 $2,265,982 $10,122,931 $50,862,700 $9,412,845 $257,296 $6,284,521

4. **Unfunded/(overfunded) actuarial accrued liability:**
   - (2) - (3) $10,888,078 $354,080 ($1,950,216) $13,316,768 $323,237 ($60,130) $2,697,779

5. **Funded Ratio:**
   - (3) / (2) 38.1% 86.5% 123.9% 79.3% 96.7% 130.5% 70.0%

6. **Annual Payroll**
   - $19,221,865 $1,956,247 $3,794,697 $8,921,295 $2,984,097 $257,035 $2,325,629

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>1.46%</td>
<td>7.40%</td>
<td>8.86%</td>
<td>0.16%</td>
<td>9.02%</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Prior Service</td>
<td>-1.90%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>0.00%</td>
<td>0.00%</td>
<td>9.02%</td>
<td>0.00%</td>
<td>9.02%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.11%</td>
<td>0.25%</td>
<td>0.25%</td>
<td>0.00%</td>
<td>0.25%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Rate</td>
<td>0.11%</td>
<td>0.25%</td>
<td>9.02%</td>
<td>0.25%</td>
<td>9.27%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period: 22.1 years
- Number of annuitants: 13
- Number of active contributing members: 333
- Number of inactive members: 43
- Average age of contributing members: 42.3 years
- Average length of service of contributing members: 11.8 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $8,845,340
   - b. Noncontributing Members: 1,140,219
   - c. Annuitants: 5,660,112

2. **Total Actuarial Accrued Liability**: $15,665,671

3. **Actuarial value of assets**: $14,730,366

4. **Unfunded/(overfunded) actuarial accrued liability**: ($935,305)

5. **Funded Ratio**: 94.0%

6. **Annual Payroll**: $6,715,925

### CITY CONTRIBUTION RATES FOR 2014

CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Suplemental Death</th>
<th>Total Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retiremen</td>
<td>5.75%</td>
<td>0.87%</td>
<td>6.62%</td>
<td>0.19%</td>
<td>6.81%</td>
</tr>
<tr>
<td>Prior Servic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94.0%</td>
<td>12.56%</td>
<td>18.27%</td>
<td>1.01%</td>
<td>0.41%</td>
<td>18.42%</td>
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<tr>
<td>Total</td>
<td>7.202</td>
<td>31.3.</td>
<td>31.3.</td>
<td>4.1.</td>
<td>35.4.</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<td>N/A</td>
<td>N/A</td>
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<td>11.9%</td>
<td>9.0%</td>
<td>9.1%</td>
<td>9.5%</td>
<td>11.5%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014

| Number of annuitants | 253 | 25.2 | 24.9 | 18.8 | 25.0 | 24.1 | 25.3 |
| Number of active contributing members | 62 | 53 | 2 | 6 | 9 | 2 | 112 |
| Number of inactive members | 93 | 28 | 0 | 8 | 5 | 14 | 108 |
| Average age of contributing members | 412 | 41.7 | 53.7 | 45.1 | 43.1 | 46.2 | 42.5 |
| Average length of service of contributing members | 90 | 13.0 | 8.4 | 6.8 | 9.8 | 12.8 | 8.2 |

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $740,357
   - b. Noncontributing Members: 359,258
   - c. Annuitants: 868,120

2. **Total Actuarial Accrued Liability**: $1,967,735

3. **Actuarial value of assets**: $1,932,291

4. **Unfunded/(overfunded) actuarial accrued liability**: ($35,444)

5. **Funded Ratio**: 98.2%

6. **Annual Payroll**: $681,605

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Suplemental Death</th>
<th>Total Rate</th>
</tr>
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<tbody>
<tr>
<td>Retiremen</td>
<td>4.69%</td>
<td>0.32%</td>
<td>5.01%</td>
<td>0.24%</td>
<td>5.23%</td>
</tr>
<tr>
<td>Prior Servic</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>94.0%</td>
<td>1.26%</td>
<td>1.24%</td>
<td>1.24%</td>
<td>0.10%</td>
<td>1.34%</td>
</tr>
<tr>
<td>Total</td>
<td>4.25%</td>
<td>1.23%</td>
<td>1.23%</td>
<td>0.50%</td>
<td>6.48%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>11.5%</td>
<td>7.3%</td>
<td>11.5%</td>
<td>7.3%</td>
<td>11.5%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014

| Number of annuitants | 260 | 24.6 | 20.0 | 25.1 | 20.4 | 100.0 | 25.4 |
| Number of active contributing members | 13 | 3 | 1 | 2 | 3 | 2 | 57 |
| Number of inactive members | 23 | 13 | 5 | 4 | 15 | 4 | 206 |
| Average age of contributing members | 46.5 | 46.3 | 40.5 | 55.4 | 38.0 | 34.9 | 43.1 |
| Average length of service of contributing members | 7.1 | 6.0 | 5.7 | 14.3 | 4.1 | 2.2 | 9.4 |
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - b. Noncontributing Members 2,316 1,477,053 27,942 2,518,978 14,073 1,401,129 145,193
   - c. Annuitants 65,982 2,416,201 160,955 17,239,290 274,548 4,454,798 26,766

2. **Total Actuarial Accrued Liability**
   - $154,602 $11,050,031 $492,799 $34,402,604 $335,016 $12,111,241 $578,083

3. **Actuarial value of assets** 231,073 11,063,623 535,918 27,617,878 402,043 10,564,586 598,749

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)** ($76,471) ($13,592) ($43,119) $6,784,726 ($67,027) $1,546,655 ($20,666)

5. **Funded Ratio: (3) / (2)** 149.5% 100.1% 108.7% 80.3% 120.0% 87.2% 103.6%

6. **Annual Payroll** $227,176 $4,712,297 $379,881 $6,667,127 $296,945 $3,815,562 $574,727

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 1.07% 5.19% 4.44% 10.43% 0.51% 8.27% 0.27%
- Prior Service -1.07% -0.02% -0.71% 6.40% -0.51% 2.54% -0.23%
- Total Retirement 0.00% 5.17% 3.73% 16.83% 0.00% 10.81% 0.04%
- Supplemental Death 0.21% 0.00% 0.18% 0.21% 0.20% 0.19% 0.00%
- Total Rate 0.21% 5.17% 3.91% 17.04% 0.20% 11.00% 0.04%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death** N/A N/A N/A N/A N/A 10.72% N/A

**Statutory Maximum Rate (Total Retirement Only)** 7.50% 10.90% 9.50% N/A 7.50% 11.50% 9.50%

### ADDITIONAL INFORMATION

<table>
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<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2014</th>
<th>100.0 years</th>
<th>21.4 years</th>
<th>25.3 years</th>
<th>25.0 years</th>
<th>100.0 years</th>
<th>25.2 years</th>
<th>24.3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>2</td>
<td>35</td>
<td>3</td>
<td>81</td>
<td>6</td>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>9</td>
<td>107</td>
<td>10</td>
<td>154</td>
<td>11</td>
<td>97</td>
<td>15</td>
</tr>
<tr>
<td>Number of inactive members</td>
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<td>70</td>
<td>4</td>
<td>43</td>
<td>10</td>
<td>57</td>
<td>12</td>
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<tr>
<td>Average age of contributing members</td>
<td>44.7 years</td>
<td>42.0 years</td>
<td>43.7 years</td>
<td>40.9 years</td>
<td>36.5 years</td>
<td>45.2 years</td>
<td>41.1 years</td>
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<tr>
<td>Average length of service of contributing members</td>
<td>5.5 years</td>
<td>10.5 years</td>
<td>8.3 years</td>
<td>8.9 years</td>
<td>2.2 years</td>
<td>8.8 years</td>
<td>10.1 years</td>
</tr>
</tbody>
</table>

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $3,204,196 $1,848,130 $2,139,098 $110,137 $19,321,250 $7,556,600 $3,665,951
   - b. Noncontributing Members 1,840,588 265,652 717,976 64,789 2,543,367 1,302,481 1,580,160
   - c. Annuitants 2,144,834 703,344 4,310,598 48,204 11,408,175 6,101,302 3,817,218

2. **Total Actuarial Accrued Liability**
   - $7,189,618 $2,817,126 $7,167,672 $223,130 $33,272,792 $14,960,383 $9,063,329

3. **Actuarial value of assets** 5,354,839 2,783,756 6,032,143 258,433 32,677,524 11,700,489 6,778,328

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)** $1,834,779 $33,370 $1,135,529 $35,303 $595,268 $3,259,894 $2,285,001

5. **Funded Ratio: (3) / (2)** 74.5% 98.8% 84.2% 115.8% 98.2% 78.2% 74.8%

6. **Annual Payroll** $3,099,090 $1,078,244 $2,128,147 $217,032 $10,324,863 $3,095,983 $2,955,397

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 7.62% 7.64% 5.29% 1.42% 5.90% 9.23% 7.79%
- Prior Service 3.64% 0.20% 3.36% -0.42% 0.79% 6.68% 4.81%
- Total Retirement 11.26% 7.84% 8.65% 0.40% 6.69% 15.91% 12.60%
- Supplemental Death 0.24% 0.19% 0.24% 0.24% 0.00% 0.23% 0.13%
- Total Rate 11.50% 8.03% 8.89% 0.64% 6.69% 16.14% 12.73%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death** 11.10% N/A N/A N/A N/A N/A 12.36%

**Statutory Maximum Rate (Total Retirement Only)** 12.50% 11.50% N/A 7.50% 11.50% N/A 13.50%

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2014</th>
<th>26.0 years</th>
<th>23.9 years</th>
<th>25.0 years</th>
<th>25.2 years</th>
<th>8.7 years</th>
<th>24.7 years</th>
<th>25.5 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>42</td>
<td>13</td>
<td>39</td>
<td>2</td>
<td>90</td>
<td>38</td>
<td>32</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>77</td>
<td>27</td>
<td>71</td>
<td>6</td>
<td>214</td>
<td>59</td>
<td>63</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>34</td>
<td>12</td>
<td>40</td>
<td>7</td>
<td>242</td>
<td>59</td>
<td>59</td>
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<tr>
<td>Average age of contributing members</td>
<td>43.4 years</td>
<td>47.1 years</td>
<td>41.0 years</td>
<td>44.2 years</td>
<td>44.5 years</td>
<td>39.5 years</td>
<td>7.3 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>43.4 years</td>
<td>47.1 years</td>
<td>41.0 years</td>
<td>44.2 years</td>
<td>44.5 years</td>
<td>39.5 years</td>
<td>7.3 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members
     - Brownsville: $291,572
     - Brownville: $3,246,788
     - Brownsville PUB: $14,949,743
   - Noncontributing Members
     - Brownsville: $1,417,865
     - Brownsville PUB: $700,264
   - Annuitants
     - Brownsville: $678,663
     - Brownsville PUB: $6,465,900
2. Total Actuarial Accrued Liability
   - Brownsville: $158,660,645
   - Brownsville PUB: $1,031,140
3. Actuarial value of assets
   - Brownsville: $201,544
   - Brownsville PUB: $220,191
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Brownsville: ($90,028)
   - Brownsville PUB: ($68,301)
5. Funded Ratio: (3) / (2)
   - Brownsville: 69.1%
   - Brownsville PUB: 145.0%
6. Annual Payroll
   - Brownsville: $124,946
   - Brownsville PUB: $149,856

### CITY CONTRIBUTION RATES FOR 2014

- Retirement
  - Normal Cost:
    - Brownsville: 3.34%
    - Brownsville PUB: 6.82%
  - Prior Service:
    - Brownsville: 5.23%
    - Brownsville PUB: 2.22%
  - Total Retirement:
    - Brownsville: 8.57%
    - Brownsville PUB: 8.79%
- Supplemental Death:
  - Brownsville: 0.22%
  - Brownsville PUB: 0.22%
- Total Rate:
  - Brownsville: 8.79%
  - Brownsville PUB: 8.99%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death:
  - Brownsville: N/A
  - Brownsville PUB: N/A
- Statutory Maximum Rate (Total Retirement Only):
  - Brownsville: 11.50%
  - Brownsville PUB: 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
  - Brownsville: 20.0 years
  - Brownsville PUB: 25.0 years
- Number of annuitants
  - Brownsville: 8
  - Brownsville PUB: 1
- Number of active contributing members
  - Brownsville: 427
  - Brownsville PUB: 358
- Number of inactive members
  - Brownsville: 185
  - Brownsville PUB: 17
- Average age of contributing members
  - Brownsville: 43.0 years
  - Brownsville PUB: 64.2 years
- Average length of service of contributing members
  - Brownsville: 11.2 years
  - Brownsville PUB: 11.2 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members
     - Brownwood Public Library: $123,633
     - Bryan: $203,271
   - Noncontributing Members
     - Brownwood Public Library: $2,301
     - Bryan: $169,733
   - Annuitants
     - Brownwood Public Library: $25,956
     - Bryan: $346,134
2. Total Actuarial Accrued Liability
   - Brownwood Public Library: $151,890
   - Bryan: $719,138
3. Actuarial value of assets
   - Brownwood Public Library: $220,191
   - Bryan: $810,292
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Brownwood Public Library: ($68,301)
   - Bryan: ($91,154)
5. Funded Ratio: (3) / (2)
   - Brownwood Public Library: 145.0%
   - Bryan: 112.7%
6. Annual Payroll
   - Brownwood Public Library: $149,856
   - Bryan: $405,408

### CITY CONTRIBUTION RATES FOR 2014

- Retirement
  - Normal Cost:
    - Brownwood Public Library: 6.82%
    - Bryan: 3.83%
  - Prior Service:
    - Brownwood Public Library: -2.87%
    - Bryan: -1.42%
  - Total Retirement:
    - Brownwood Public Library: 3.95%
    - Bryan: 2.41%
- Supplemental Death:
  - Brownwood Public Library: 0.00%
  - Bryan: 0.14%
- Total Rate:
  - Brownwood Public Library: 3.95%
  - Bryan: 2.55%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death:
  - Brownwood Public Library: N/A
  - Bryan: N/A
- Statutory Maximum Rate (Total Retirement Only):
  - Brownwood Public Library: 11.50%
  - Bryan: 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
  - Brownwood Public Library: 25.0 years
  - Bryan: 24.9 years
- Number of annuitants
  - Brownwood Public Library: 1
  - Bryan: 5
- Number of active contributing members
  - Brownwood Public Library: 13
  - Bryan: 818
- Average age of contributing members
  - Brownwood Public Library: 64.2 years
  - Bryan: 40.0 years
- Average length of service of contributing members
  - Brownwood Public Library: 11.2 years
  - Bryan: 11.1 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Bulverde</th>
<th>Banker Hill Village</th>
<th>Burkburnett</th>
<th>Burleson</th>
<th>Burnet</th>
<th>Canton</th>
<th>Conroe</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$1,161,308</td>
<td>$1,672,265</td>
<td>$4,638,210</td>
<td>$8,958,303</td>
<td>$122,818</td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>268,912</td>
<td>75,406</td>
<td>1,573,984</td>
<td>7,725,385</td>
<td>50,792</td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>19,202</td>
<td>567,052</td>
<td>5,252,148</td>
<td>14,462,316</td>
<td>112,2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$1,449,422</td>
<td>$2,314,723</td>
<td>$11,464,342</td>
<td>$61,417,096</td>
<td>222,548</td>
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<td></td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>1,116,425</td>
<td>2,376,818</td>
<td>10,248,031</td>
<td>46,772,309</td>
<td>216,568</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4. Funded Ratio: (3) / (2)</td>
<td>77.0%</td>
<td>102.7%</td>
<td>89.4%</td>
<td>76.2%</td>
<td>94.6%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Annual Payroll</td>
<td>$1,138,401</td>
<td>$537,994</td>
<td>$2,652,901</td>
<td>$17,653,418</td>
<td>548,866</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CITY CONTRIBUTION RATES FOR 2014</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>4.69%</td>
<td>10.05%</td>
<td>7.70%</td>
<td>10.30%</td>
<td>2.14%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior Service</td>
<td>2.08%</td>
<td>-0.73%</td>
<td>3.34%</td>
<td>5.19%</td>
<td>0.21%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Retirement</td>
<td>6.77%</td>
<td>9.30%</td>
<td>11.04%</td>
<td>15.49%</td>
<td>2.35%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.14%</td>
<td>0.29%</td>
<td>0.216%</td>
<td>0.13%</td>
<td>0.12%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Rate</td>
<td>6.91%</td>
<td>9.99%</td>
<td>11.25%</td>
<td>15.62%</td>
<td>2.43%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>15.25%</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>13.50%</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Dew</th>
<th>Colb</th>
<th>Camn</th>
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<th>Carm</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>20.6 years</td>
<td>24.8 years</td>
<td>19.9 years</td>
<td>25.3 years</td>
<td>100.0 years</td>
<td>17.2 years</td>
<td></td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>2</td>
<td>5</td>
<td>43</td>
<td>77</td>
<td>22</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>21</td>
<td>8</td>
<td>71</td>
<td>295</td>
<td>119</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>7</td>
<td>1</td>
<td>23</td>
<td>117</td>
<td>57</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>44.8 years</td>
<td>50.2 years</td>
<td>43.7 years</td>
<td>41.8 years</td>
<td>42.1 years</td>
<td>40.4 years</td>
<td></td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>164 years</td>
<td>15.1 years</td>
<td>10.4 years</td>
<td>108 years</td>
<td>8.0 years</td>
<td>4.7 years</td>
<td></td>
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</tbody>
</table>

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Calw</th>
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<th>Cano</th>
<th>Carm</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$4,404,184</td>
<td>$97,357</td>
<td>$1,622,930</td>
<td>$1,738,977</td>
<td>$4,174,061</td>
<td>$9,556,340</td>
<td>$68,665</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>1,052,212</td>
<td>47,316</td>
<td>726,850</td>
<td>535,419</td>
<td>551,751</td>
<td>2,339,440</td>
<td>37,990</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>2,101,848</td>
<td>11,265</td>
<td>1,924,306</td>
<td>791,869</td>
<td>1,976,303</td>
<td>9,666,850</td>
<td>993</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$7,867,244</td>
<td>$155,738</td>
<td>$4,264,086</td>
<td>$3,066,265</td>
<td>$6,702,315</td>
<td>$21,362,630</td>
<td>$107,648</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>7,640,751</td>
<td>202,076</td>
<td>$2,955,677</td>
<td>$2,215,103</td>
<td>$5,544,706</td>
<td>$18,154,490</td>
<td>$111,666</td>
</tr>
<tr>
<td>4. Funded Ratio: (3) / (2)</td>
<td>97.1%</td>
<td>129.8%</td>
<td>69.3%</td>
<td>72.2%</td>
<td>82.7%</td>
<td>84.2%</td>
<td>103.7%</td>
</tr>
<tr>
<td>5. Annual Payroll</td>
<td>$1,916,814</td>
<td>$310,513</td>
<td>$1,142,297</td>
<td>$814,896</td>
<td>$2,399,156</td>
<td>$3,697,941</td>
<td>$24,828</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Dew</th>
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<th>Cano</th>
<th>Carm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>9.22%</td>
<td>1.57%</td>
<td>5.93%</td>
<td>9.50%</td>
<td>8.79%</td>
<td>11.94%</td>
<td>6.10%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.75%</td>
<td>-0.96%</td>
<td>7.09%</td>
<td>6.51%</td>
<td>3.08%</td>
<td>5.78%</td>
<td>-1.02%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.97%</td>
<td>0.63%</td>
<td>13.02%</td>
<td>16.01%</td>
<td>11.82%</td>
<td>17.68%</td>
<td>5.08%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.31%</td>
<td>0.26%</td>
<td>0.31%</td>
<td>0.17%</td>
<td>0.20%</td>
<td>0.17%</td>
<td>0.10%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>10.28%</td>
<td>0.89%</td>
<td>13.33%</td>
<td>16.18%</td>
<td>12.02%</td>
<td>17.85%</td>
<td>5.18%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>15.87%</td>
<td>N/A</td>
<td>17.70%</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>13.50%</td>
<td>N/A</td>
<td>7.50%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th></th>
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<th>Cana</th>
<th>Cano</th>
<th>Cano</th>
<th>Carm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>56</td>
<td>11</td>
<td>23</td>
<td>62</td>
<td>26</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>25</td>
<td>19</td>
<td>22</td>
<td>7</td>
<td>26</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>47.5 years</td>
<td>51.4 years</td>
<td>47.2 years</td>
<td>39.8 years</td>
<td>42.5 years</td>
<td>43.7 years</td>
<td></td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>11.3 years</td>
<td>4.8 years</td>
<td>11.8 years</td>
<td>7.3 years</td>
<td>8.4 years</td>
<td>10.1 years</td>
<td></td>
</tr>
</tbody>
</table>

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**Note:** The table continues with similar information for other municipalities.
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members: $1,741,796
   - b. Noncontributing Members: 89,441
   - c. Annuitants: 2,481,923

2. Total Actuarial Accrued Liability: $4,313,160

3. Actuarial value of assets: 4,192,843

4. Unfunded/(overfunded) actuarial accrued liability: $120,317

5. Funded Ratio: 97.2%

6. Annual Payroll: $1,121,816

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**
  - Normal Cost: 5.31%
  - Prior Service: 0.72%
  - Total Retirement: 6.03%
  - Supplementary Death: 0.24%
  - Total Rate: 6.27%

- **Supplemental Death**
  - 0.24%

- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
  - N/A

- **Statutory Maximum Rate (Total Retirement Only)**
  - N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
  - Celeste: 22.5 years
  - Celina: 25.0 years
  - Center: 24.7 years
  - Centerville: 25.2 years
  - Chester: 20.6 years
  - Chandler: 25.5 years
  - Charlotte: 25.4 years
  - Ceder Park: 20.8 years

- Number of annuitants: 20
- Number of active contributing members: 43
- Number of inactive members: 5
- Average age of contributing members: 43.7 years
- Average length of service of contributing members: 8.0 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members: $13,869
   - b. Noncontributing Members: 28,144
   - c. Annuitants: 39,198

2. Total Actuarial Accrued Liability: $81,211

3. Actuarial value of assets: 22,514

4. Unfunded/(overfunded) actuarial accrued liability: $58,697

5. Funded Ratio: 27.7%

6. Annual Payroll: $102,318

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**
  - Normal Cost: 1.07%
  - Prior Service: 4.34%
  - Total Retirement: 5.41%
  - Total Rate: 5.57%

- **Supplemental Death**
  - 0.12%

- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
  - N/A

- **Statutory Maximum Rate (Total Retirement Only)**
  - N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
  - Celeste: 25.0 years
  - Celina: 25.1 years
  - Center: 24.7 years
  - Centerville: 20.0 years
  - Chester: 28.0 years
  - Chandler: 25.0 years
  - Charlotte: 28.0 years
  - Ceder Park: 25.0 years

- Number of annuitants: 1
- Number of active contributing members: 3
- Number of inactive members: 5
- Average age of contributing members: 43.1 years
- Average length of service of contributing members: 8.0 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $197,678 $2,748,053 $353,054 $4,408 $4,017,167 $992,226 $258,238
   b. Noncontributing Members 0 188,909 3,504,597 675,052 3,862 1,060,516 1,298,341
   c. Annuitants 58,530 3,504,597 675,052 3,862 1,060,516 1,298,341 160,349
   2. Total Actuarial Accrued Liability $256,208 $6,441,559 $1,310,747 $23,899 $5,984,759 $2,409,955 $481,227
   3. Actuarial value of assets 240,896 5,110,179 1,002,375 35,194 4,480,317 2,609,117 590,365
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $15,312 $1,331,380 $308,372 ($11,295) $1,504,442 ($199,162) ($109,138)
   5. Funded Ratio: (3) / (2) 94.0% 79.3% 76.5% 147.3% 74.9% 108.3% 122.7%
   6. Annual Payroll $269,198 $1,558,453 $257,137 $22,960 $4,011,343 $998,891 $453,101

### CITY CONTRIBUTION RATES FOR 2014

Retirement
- Normal Cost 2.44% 9.84% 10.31% 0.00% 7.01% 4.84% 1.26%
- Prior Service 0.42% 5.35% 7.92% 0.00% 2.62% -1.26% -1.26%
- Total Retirement 2.86% 15.19% 18.23% 0.00% 9.63% 3.58% 0.00%
- Supplemental Death 0.44% 0.21% 0.17% 0.00% 0.12% 0.17% 0.34%
- Total Rate 3.30% 15.40% 18.40% 0.00% 9.75% 3.75% 0.34%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A 14.84% N/A N/A N/A N/A N/A
- Statutory Maximum Rate (Total Retirement Only) N/A N/A N/A N/A 13.50% 9.50% 7.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014 19.5 years 25.2 years 23.1 years 0.0 years 21.2 years 24.8 years 35.3 years
- Number of annuitants 2 26 3 1 17 17 6
- Number of active contributing members 8 55 6 1 98 35 15
- Number of inactive members 0 23 1 2 51 35 6
- Average age of contributing members 55.2 years 43.5 years 42.4 years 29.9 years 39.9 years 41.9 years 48.4 years
- Average length of service of contributing members 8.7 years 7.7 years 7.5 years 3.3 years 7.5 years 6.1 years 7.5 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $1,121,663 $863,953 $810,569 $28,950,563 $2,875,095 $653,235 $7,147,717
   b. Noncontributing Members 608,652 72,538 74,947 5,358,972 1,336,839 395,347 2,738,649
   c. Annuitants 228,838 82,500 186,080 36,964,956 4,208,013 569,303 6,054,312
   2. Total Actuarial Accrued Liability $1,959,153 $1,018,991 $1,071,596 $71,274,491 $8,419,947 $1,617,885 $15,940,678
   3. Actuarial value of assets 2,422,614 1,187,217 896,525 54,387,267 7,000,743 1,729,519 15,231,205
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($463,461) ($168,226) $175,071 $16,887,224 $1,419,204 ($111,634) $709,473
   5. Funded Ratio: (3) / (2) 123.7% 116.5% 83.7% 76.3% 83.1% 106.9% 95.5%
   6. Annual Payroll $884,108 $217,749 $668,339 $14,537,501 $3,064,780 $1,027,144 $3,804,963

### CITY CONTRIBUTION RATES FOR 2014

Retirement
- Normal Cost 7.92% 8.36% 8.14% 10.82% 7.04% 2.07% 10.07%
- Prior Service -3.30% -4.86% 1.63% 7.36% 2.95% -0.68% 1.57%
- Total Retirement 4.62% 3.70% 9.77% 18.12% 9.95% 1.39% 11.24%
- Supplemental Death 0.21% 0.35% 0.12% 0.20% 0.29% 0.24% 0.18%
- Total Rate 4.83% 4.05% 9.89% 18.32% 10.24% 1.63% 11.42%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A 9.94% N/A N/A N/A N/A 9.5%
- Statutory Maximum Rate (Total Retirement Only) 11.50% N/A 12.50% N/A 13.50% 7.50% 13.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014 25.0 years 25.0 years 25.0 years 25.0 years 25.0 years 25.0 years 25.0 years
- Number of annuitants 7 2 3 152 40 13 41
- Number of active contributing members 27 5 14 291 71 27 86
- Number of inactive members 27 4 13 87 48 14 68
- Average age of contributing members 44.1 years 48.5 years 41.7 years 43.7 years 43.8 years 44.8 years 42.5 years
- Average length of service of contributing members 7.7 years 7.5 years 7.5 years 8.9 years 7.5 years 7.2 years 8.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members: $1,701,211, $125,179, $1,619,322, $6,107,748, $106,912,457, $20,979,368, $57,111
   - Noncontributing Members: $34,024, $200,012, $570,769, $1,285,409, $27,238,277, $5,977,345, $5,327
   - Annuitants: $637,905, $260,043, $510,795, $4,113,041, $63,924,825, $11,682,562, $134,910

2. **Total Actuarial Accrued Liability**: $2,673,140, $585,234, $2,700,886, $11,506,198, $198,075,559, $38,639,275, $197,348


4. **Unfunded/(overfunded) actuarial accrued liability**: $455,973, $(34,049), $(324,793), $2,523,639, $23,798,264, $(2,452,712), $(64,888)

5. **Funded Ratio**: 82.9%, 105.8%, 112.0%, 78.1%, 88.0%, 106.3%, 132.9%

6. **Annual Payroll**: $1,140,280, $159,517, $1,202,249, $2,398,025, $43,252,690, $10,297,058, $222,957

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost: 9.89%, 6.24%, 7.83%, 11.98%, 10.09%, 8.28%, 1.76%
- Prior Service: 2.50%, -1.34%, -1.70%, 6.56%, 3.44%, -1.44%, -1.76%
- Total Retirement: 12.39%, 4.90%, 6.13%, 18.54%, 13.53%, 6.84%, 0.00%
- Supplemental Death: 0.20%, 0.37%, 0.16%, 0.00%, 0.00%, 0.16%, 0.20%
- Total Rate: 12.59%, 5.27%, 6.29%, 18.54%, 13.53%, 7.00%, 0.20%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: N/A, 8.82%, 13.60%, N/A, 9.51%, 16.48%, 13.68%

**Statutory Maximum Rate (Total Retirement Only)**: N/A, 12.50%, 7.50%, N/A, 11.50%, N/A, 13.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.3 years, 25.1 years, 25.0 years, 25.4 years, 25.3 years, 26.8 years, 26.8 years
- Number of annuitants: 8, 4, 7, 41, 298, 72, 2
- Number of active contributing members: 35, 4, 33, 61, 795, 169, 6
- Number of inactive members: 22, 4, 33, 36, 97, 3
- Average age of contributing members: 43.5 years, 48.8 years, 42.2 years, 48.8 years, 40.5 years, 43.0 years, 44.9 years
- Average length of service of contributing members: 8.3 years, 6.6 years, 9.6 years, 12.0 years, 11.4 years, 12.3 years, 6.5 years

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost: 3.40%, 8.07%, 9.83%, 4.14%, 7.59%, 11.66%, 9.71%
- Prior Service: 3.13%, 0.66%, 4.31%, 1.54%, 1.80%, 5.44%, 4.47%
- Total Retirement: 6.53%, 8.68%, 14.14%, 5.68%, 9.48%, 17.10%, 14.18%
- Supplemental Death: 0.07%, 0.23%, 0.24%, 0.30%, 0.24%, 0.00%, 0.11%
- Total Rate: 6.60%, 8.91%, 14.38%, 5.98%, 9.72%, 17.10%, 14.29%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: N/A, 8.82%, 13.60%, N/A, 9.51%, 16.48%, 13.68%

**Statutory Maximum Rate (Total Retirement Only)**: N/A, 12.50%, 7.50%, N/A, 11.50%, N/A, 13.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 8.8 years, 22.0 years, 25.0 years, 247 years, 248 years, 25.1 years, 25.5 years
- Number of annuitants: 0, 22, 19, 17, 45, 124, 40
- Number of active contributing members: 4, 39, 38, 30, 76, 389, 138
- Number of inactive members: 1, 46, 25, 12, 67, 108, 104
- Average age of contributing members: 37.6 years, 42.4 years, 45.3 years, 46.1 years, 43.6 years, 42.1 years, 39.0 years
- Average length of service of contributing members: 9.4 years, 6.0 years, 10.3 years, 10.4 years, 7.8 years, 10.7 years, 8.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   
a. Contributing Members
   - Cooper: $707,037
   - Coppell: $69,894,766
   - Copper Canyon: $123,184
   - Corpus Christi: $20,570,419
   - Corrigan: $439,232

   b. Noncontributing Members
   - Cooper: 20,122
   - Coppell: 9,800,356
   - Copper Canyon: 121,633
   - Corpus Christi: 5,269,984
   - Corrigan: 164,254

   c. Annuitants
   - Cooper: 375,218
   - Coppell: 20,756,131
   - Copper Canyon: 0
   - Corpus Christi: 17,860,005
   - Corrigan: 5,265,994

2. **Total Actuarial Accrued Liability**
   - Cooper: $1,102,377
   - Coppell: $106,451,353
   - Copper Canyon: 0
   - Corpus Christi: $45,799,844
   - Corrigan: $439,232

3. **Actuarial value of assets**
   - Cooper: $1,048,769
   - Coppell: 86,292,881
   - Copper Canyon: 386,759
   - Corpus Christi: $37,694,754
   - Corrigan: $558,527,434

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
   - Cooper: $53,608
   - Coppell: 14,158,372
   - Copper Canyon: 45,058
   - Corpus Christi: 8,105,090
   - Corrigan: 41,424,714
   - Corrigan: -31,299

5. **Funded Ratio: (3) / (2)**
   - Cooper: 95.1%
   - Coppell: 85.9%
   - Copper Canyon: 81.6%
   - Corpus Christi: 82.3%
   - Corrigan: 78.2%

6. **Annual Payroll**
   - Cooper: $435,555
   - Coppell: 24,668,366
   - Copper Canyon: 151,674
   - Corpus Christi: 11,113,826
   - Corrigan: 781,081

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost: 4.92% to 5.70%
- Prior Service: 0.78% to 0.26%
- Total Retirement: 5.70% to 15.68%
- Supplemental Death: 0.26% to 0.43%
- Total Rate: 5.96% to 5.32%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A to 15.75%
- Statutory Maximum Rate (Total Retirement Only): 8.50% to 12.86%

**Supplemental Death**
- 0.26% to 0.29%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A to 15.75%

**Statutory Maximum Rate (Total Retirement Only)**
- 8.50% to 15.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 24.7 years to 25.3 years
- Number of annuitants: 3 to 119
- Number of active contributing members: 13 to 196
- Number of inactive members: 2 to 67
- Average age of contributing members: 49.1 years to 43.9 years
- Average length of service of contributing members: 11.9 years to 43.9 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   
a. Contributing Members
   - Corsicana: $21,004,489
   - Cotulla: $360,523
   - Cranford: $1,003,685
   - Crane: $2,170,382
   - Crockett: $60,824
   - Crosbyton: $3,795,714
   - Corrigan: $224,963

   b. Noncontributing Members
   - Corsicana: 3,031,445
   - Cotulla: 167,636
   - Cranford: 668,472
   - Crane: 134,113
   - Crockett: 2,966
   - Crosbyton: 1,149,756
   - Corrigan: 255,358

   c. Annuitants
   - Corsicana: 17,604,116
   - Cotulla: 617,334
   - Cranford: 322,382
   - Crane: 3,200,834
   - Crockett: 0
   - Crosbyton: 3,701,158
   - Corrigan: 912,664

2. **Total Actuarial Accrued Liability**
   - Corsicana: $41,640,050
   - Cotulla: $1,145,493
   - Cranford: $1,994,539
   - Crane: $5,505,329
   - Crockett: $63,790
   - Crosbyton: $8,646,628
   - Corrigan: $1,392,985

3. **Actuarial value of assets**
   - Corsicana: $34,904,904
   - Cotulla: $1,196,912
   - Cranford: $1,937,226
   - Crane: $5,311,048
   - Crockett: 90,201
   - Crosbyton: $7,912,796
   - Corrigan: 1,481,157

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
   - Corsicana: $6,735,146
   - Cotulla: ($51,419)
   - Cranford: $57,313
   - Crane: $3,701,158
   - Crockett: 0
   - Crosbyton: 0
   - Corrigan: 106.3%

5. **Funded Ratio: (3) / (2)**
   - Corsicana: 83.8%
   - Cotulla: 104.5%
   - Cranford: 97.1%
   - Crane: 96.5%
   - Crockett: 141.4%
   - Crosbyton: 91.5%
   - Corrigan: 106.3%

6. **Annual Payroll**
   - Corsicana: $9,034,885
   - Cotulla: $892,500
   - Cranford: $1,060,261
   - Crane: $1,016,643
   - Crockett: $101,603
   - Crosbyton: $2,393,681
   - Corrigan: $336,403

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost: 9.36% to 7.06%
- Prior Service: 4.69% to -0.93%
- Total Retirement: 14.05% to 1.18%
- Supplemental Death: 0.22% to 0.14%
- Total Rate: 14.27% to 1.66%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A to 8.67%
- Statutory Maximum Rate (Total Retirement Only): N/A to 15.50%

**Supplemental Death**
- 0.22% to 0.29%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A to 15.75%

**Statutory Maximum Rate (Total Retirement Only)**
- N/A to 15.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.0 years to 26.3 years
- Number of annuitants: 119 to 119
- Number of active contributing members: 196 to 196
- Number of inactive members: 67 to 67
- Average age of contributing members: 43.9 years to 42.1 years
- Average length of service of contributing members: 42.7 years to 5.6 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Cross Plains</th>
<th>Crowley</th>
<th>Crystal City</th>
<th>Cuero</th>
<th>DeSoto</th>
<th>Daingerfield</th>
<th>Daisetta</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$410,984</td>
<td>$8,279,140</td>
<td>$651,342</td>
<td>$4,189,389</td>
<td>$190,720</td>
<td>$608,502</td>
<td>$54,029</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>213,509</td>
<td>1,581,906</td>
<td>345,190</td>
<td>899,273</td>
<td>19,732</td>
<td>515,184</td>
<td>30,961</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>98,251</td>
<td>1,709,120</td>
<td>1,378,572</td>
<td>4,904,792</td>
<td>18,491</td>
<td>772,377</td>
<td>6,684</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$722,744</td>
<td>$11,570,166</td>
<td>$2,355,284</td>
<td>$9,580,454</td>
<td>$211,147</td>
<td>$1,896,063</td>
<td>$91,674</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>$679,401</td>
<td>10,031,728</td>
<td>3,178,839</td>
<td>7,520,576</td>
<td>1,745,386</td>
<td>1,447,674</td>
<td>141,674</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$43,343</td>
<td>$538,438</td>
<td>$1,176,445</td>
<td>$2,059,878</td>
<td>$73,806</td>
<td>$150,677</td>
<td>$50,002</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>94.0%</td>
<td>86.7%</td>
<td>135.0%</td>
<td>78.5%</td>
<td>65.0%</td>
<td>92.1%</td>
<td>154.5%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$319,292</td>
<td>$4,717,150</td>
<td>$1,017,178</td>
<td>$3,731,626</td>
<td>$380,512</td>
<td>$705,645</td>
<td>$217,529</td>
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</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
<th>Supplemental Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>4.69%</td>
<td>0.37%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.83%</td>
<td>0.21%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>5.52%</td>
<td>0.58%</td>
</tr>
<tr>
<td>Total</td>
<td>6.47%</td>
<td>0.65%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 26.3 years, 25.7 years, 104.4 years, 25.1 years, 20.6 years, 25.8 years, 24.9 years
- **Number of annuitants**: 1, 25, 19, 44, 1, 10, 1
- **Number of active contributing members**: 9, 103, 43, 94, 12, 18, 8
- **Number of inactive members**: 6, 56, 39, 30, 5, 11, 8
- **Average age of contributing members**: 48.8 years, 42.2 years, 43 years, 42.5 years, 46.3 years, 44.4 years, 51.4 years
- **Average length of service of contributing members**: 68 years, 99 years, 59 years, 82 years, 83 years, 72 years, 38 years

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### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Dalhart</th>
<th>Dalworthington Gardens</th>
<th>Daslotta</th>
<th>Dumas</th>
<th>Dayton</th>
<th>De Leon</th>
<th>DeSoto</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$2,680,447</td>
<td>$4,400,632</td>
<td>$242,695</td>
<td>$1,404</td>
<td>$3,374,109</td>
<td>$154,015</td>
<td>$54,029</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>1,407,196</td>
<td>956,747</td>
<td>12,538</td>
<td>163,567</td>
<td>505,252</td>
<td>30,432</td>
<td>141,674</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>2,058,132</td>
<td>517,343</td>
<td>6,256</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$6,145,775</td>
<td>$5,874,722</td>
<td>$260,489</td>
<td>$164,971</td>
<td>$5,066,735</td>
<td>$527,512</td>
<td>$91,674</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>$6,449,456</td>
<td>$3,318,356</td>
<td>$166,803</td>
<td>$148,285</td>
<td>$4,493,201</td>
<td>$504,048</td>
<td>$82,747,260</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>($303,681)</td>
<td>$2,556,366</td>
<td>$93,686</td>
<td>$16,686</td>
<td>$573,534</td>
<td>$2,246</td>
<td>$9,200,683</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>104.9%</td>
<td>56.5%</td>
<td>64.0%</td>
<td>89.9%</td>
<td>85.6%</td>
<td>95.6%</td>
<td>90.0%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$2,082,288</td>
<td>$1,546,916</td>
<td>$342,974</td>
<td>$31,358</td>
<td>$2,950,742</td>
<td>$453,189</td>
<td>$19,490,457</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
<th>Supplemental Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>5.29%</td>
<td>0.21%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.92%</td>
<td>0.12%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>6.21%</td>
<td>0.33%</td>
</tr>
<tr>
<td>Total</td>
<td>6.53%</td>
<td>0.34%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 24.9 years, 25.2 years, 17.9 years, 8.1 years, 25.5 years, 19.6 years, 25.2 years
- **Number of annuitants**: 1, 25, 19, 44, 1, 10, 1
- **Number of active contributing members**: 9, 103, 43, 94, 12, 18, 8
- **Number of inactive members**: 6, 56, 39, 30, 5, 11, 8
- **Average age of contributing members**: 41.3 years, 40.3 years, 46.6 years, 35.3 years, 43.9 years, 44.4 years, 51.4 years
- **Average length of service of contributing members**: 68 years, 99 years, 59 years, 82 years, 83 years, 72 years, 38 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $11,403,978 $43,950,991 $150,900 $14,727,854 $109,967 $24,526,526 $185,451,046
   - b. Noncontributing Members 1,865,255 4,708,172 113,387 992,142 0 2,724,803 32,292,212
   - c. Annuitants 2,676,885 51,140,127 113,387 3,660,739 213,724 21,631,041 97,673,714

2. **Total Actuarial Accrued Liability** $15,946,118 $99,799,290 $455,800 $19,380,735 $323,691 $48,882,370 $315,416,972

3. **Actuarial value of assets** 11,830,044 90,818,295 587,206 12,559,405 331,058 45,704,007 252,276,946

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)** $4,116,074 $8,980,995 ($131,406) $6,821,330 ($7,367) $3,178,363 $63,140,026

5. **Funded Ratio: (3) / (2)** 74.2% 91.0% 128.8% 64.8% 102.3% 93.5% 80.0%

6. **Annual Payroll** $5,610,367 $16,920,754 $413,972 $17,309,112 $88,963 $9,631,530 $64,740,670

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 9.17% 11.27% 2.30% 1.68% 5.92% 10.70% 12.26%
- Prior Service 4.61% 3.31% -2.00% 2.49% -0.52% 2.05% 6.10%
- Total Retirement 13.78% 14.58% 0.30% 4.17% 5.40% 12.75% 18.36%
- Supplemental Death 0.18% 0.27% 0.20% 0.16% 0.00% 0.17% 0.17%
- Total Rate 13.96% 14.75% 0.50% 4.33% 5.54% 12.75% 18.53%

**Supplemental Death**
- N/A N/A N/A N/A N/A N/A 18.11%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A N/A N/A N/A 18.11%

**Statutory Maximum Rate (Total Retirement Only)** N/A N/A N/A N/A N/A N/A N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014** 25.1 years 25.4 years 25.0 years 24.8 years 25.1 years 25.6 years 25.3 years
- **Number of annuitants** 29 174 6 53 1 120 406
- **Number of active contributing members** 115 282 14 465 2 208 1,065
- **Number of inactive members** 55 72 11 120 0 70 355
- **Average age of contributing members** 43.5 years 41.0 years 48.2 years 43.0 years 36.4 years 44.5 years 43.5 years
- **Average length of service of contributing members** 10.9 years 11.8 years 3.7 years 9.0 years 10.3 years 11.5 years 12.1 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $3,414,687 $10,527 $1,952,376 $3,102,593 $8,314 $8,443,449 $462,821
   - b. Noncontributing Members 747,161 0 80,068 1,137,254 993 1,114,294 86,359
   - c. Annuitants 3,045,799 86,801 436,859 3,916,256 0 1,551,966 653,280

2. **Total Actuarial Accrued Liability** $7,207,647 $97,328 $2,469,303 $8,156,103 $9,307 $11,109,709 $1,202,460

3. **Actuarial value of assets** 6,808,888 67,900 1,532,390 7,000,578 21,599 10,124,208 1,137,351

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)** $398,759 $29,428 $936,913 $1,155,525 ($12,292) $985,501 $65,109

5. **Funded Ratio: (3) / (2)** 94.5% 69.8% 62.1% 85.8% 91.1% 94.6%

6. **Annual Payroll** $1,280,512 $37,277 $1,313,776 $1,740,066 $51,353 $4,831,713 $924,686

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 10.47% 1.64% 4.35% 9.11% 0.98% 6.97% 1.08%
- Prior Service 1.97% 9.11% 4.48% 4.16% -0.98% 1.44% 0.50%
- Total Retirement 12.44% 10.75% 8.83% 13.27% 0.00% 8.41% 1.58%
- Supplemental Death 0.23% 0.37% 0.17% 0.18% 0.00% 0.16% 0.15%
- Total Rate 12.67% 11.23% 9.00% 13.45% 0.00% 8.57% 1.73%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A 8.91% 13.31% N/A N/A N/A

**Statutory Maximum Rate (Total Retirement Only)** N/A N/A N/A 13.50% N/A 13.50% 7.50%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014** 24.8 years 8.5 years 25.2 years 25.2 years 75.8 years 20.8 years 20.6 years
- **Number of annuitants** 14 2 7 28 0 18 13
- **Number of active contributing members** 30 1 37 47 2 102 32
- **Number of inactive members** 45 1 48 29 2 53 25
- **Average age of contributing members** 45.1 years 47.4 years 45.2 years 43.1 years 40.5 years 43.1 years 40.4 years
- **Average length of service of contributing members** 12.3 years 4.3 years 11.1 years 9.8 years 19 years 10.1 years 7.1 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $1,773,212 $2,204,283 $250,692 $210,386 $12,114 $1,495,149 $6,058,519
   - b. Noncontributing Members $320,639 $622,625 $26,899 $831 $33,943 $542,872 $1,680,925
   - c. Annuitants $1,471,546 $1,571,857 $19,233 $0 $34,943 $320,872 $1,872,068

2. **Total Actuarial Accrued Liability** $3,565,397 $3,398,765 $296,824 $211,217 $46,057 $2,650,144 $13,566,542

3. **Actuarial value of assets** $3,928,003 $3,738,068 $307,699 $205,466 $33,481 $1,901,719 $12,706,514

4. **Unfunded/(overfunded) actuarial accrued liability:** ($362,606) ($339,303) ($10,875) $5,751 $12,576 $748,425 $860,028

5. **Funded Ratio:** (3) / (2) 110.2% 110.0% 103.7% 97.3% 72.7% 71.8% 93.7%

6. **Annual Payroll** $935,784 $2,825,843 $527,017 $335,644 $104,917 $941,592 $5,188,065

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 9.12% 2.91% 0.84% 1.42% 1.28% 8.56% 4.77%
- Prior Service -2.44% -0.76% -0.13% 0.12% 0.83% 4.81% 1.04%
- Total Retirement 6.68% 2.15% 0.71% 1.54% 2.11% 13.37% 5.81%

**Supplemental Death**
- 0.00% 0.17% 0.22% 0.12% 0.23% 0.17% 0.16%
- Total Rate 6.68% 2.32% 0.93% 1.66% 2.32% 13.54% 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)**
- 12.50% 7.50% N/A N/A N/A 13.50% 9.50%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**
- 25.0 years 24.8 years 25.0 years 21.1 years 21.4 years 26.7 years 25.1 years

**Number of annuitants**
- 14 20 2 0 0 10 53

**Number of active contributing members**
- 32 85 11 6 3 29 123

**Number of inactive members**
- 9 50 5 1 13 35 75

**Average age of contributing members**
- 46.7 years 41.6 years 44.7 years 45.6 years 48.3 years 41.7 years 40.1 years

**Average length of service of contributing members**
- 8.8 years 7.2 years 9.7 years 8.5 years 7.3 years 8.1 years

---

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Dimmitt</th>
<th>Donna</th>
<th>Double Oak</th>
<th>Dripping Springs</th>
<th>Driscoll</th>
<th>Dublin</th>
<th>Duana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Liability</td>
<td>$1,325,205</td>
<td>$2,064,002</td>
<td>$250,692</td>
<td>$210,386</td>
<td>$12,114</td>
<td>$1,495,149</td>
<td>$6,058,519</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>$320,639</td>
<td>$622,625</td>
<td>$26,899</td>
<td>$831</td>
<td>$33,943</td>
<td>$542,872</td>
<td>$1,680,925</td>
</tr>
<tr>
<td>Annuitants</td>
<td>$1,471,546</td>
<td>$1,571,857</td>
<td>$19,233</td>
<td>$0</td>
<td>$34,943</td>
<td>$320,872</td>
<td>$1,872,068</td>
</tr>
<tr>
<td>Total Actuarial Liability</td>
<td>$3,278,388</td>
<td>$3,398,765</td>
<td>$296,824</td>
<td>$211,217</td>
<td>$46,057</td>
<td>$2,650,144</td>
<td>$13,566,542</td>
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<tr>
<td>Actuarial value of assets</td>
<td>$3,928,003</td>
<td>$3,738,068</td>
<td>$307,699</td>
<td>$205,466</td>
<td>$33,481</td>
<td>$1,901,719</td>
<td>$12,706,514</td>
</tr>
<tr>
<td>Unfunded/(overfunded) actuarial accrued liability: ($362,606)</td>
<td>($339,303)</td>
<td>($10,875)</td>
<td>$5,751</td>
<td>$12,576</td>
<td>$748,425</td>
<td>$860,028</td>
<td></td>
</tr>
<tr>
<td>Funded Ratio: (3) / (2)</td>
<td>110.2%</td>
<td>110.0%</td>
<td>103.7%</td>
<td>97.3%</td>
<td>72.7%</td>
<td>71.8%</td>
<td>93.7%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$935,784</td>
<td>$2,825,843</td>
<td>$527,017</td>
<td>$335,644</td>
<td>$104,917</td>
<td>$941,592</td>
<td>$5,188,065</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 7.49% 7.15% 9.26% 4.38% 1.61% 7.28% 6.67%
- Prior Service -1.93% -0.94% 0.80% 1.71% -2.08% 3.30% -0.77%
- Total Retirement 5.56% 6.21% 10.06% 2.67% 3.69% 10.58% 5.90%

**Supplemental Death**
- 0.00% 0.19% 0.21% 0.23% 0.24% 0.15% 0.24%
- Total Rate 5.56% 6.40% 10.27% 2.90% 3.93% 10.73% 6.14%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A N/A N/A 9.77% N/A

**Statutory Maximum Rate (Total Retirement Only)***
- N/A 12.50% 11.50% 9.50% N/A N/A N/A

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**
- 24.9 years 25.2 years 26.3 years 25.1 years 19.4 years 12.8 years 25.2 years

**Number of annuitants**
- 162 10 135 10 1 1 2

**Number of active contributing members**
- 236 31 383 23 6 3 7

**Number of inactive members**
- 118 27 76 6 6 4 5

**Average age of contributing members**
- 42.5 years 43.7 years 43.6 years 43.8 years 50.1 years 49.5 years 51.4 years

**Average length of service of contributing members**
- 12.1 years 6.4 years 10.1 years 7.5 years 5.1 years 11.1 years 5.2 years
## SUMMARY OF ACTUARIAL INFORMATION

### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th></th>
<th>Eastland</th>
<th>Ector</th>
<th>Eden</th>
<th>Edgewood</th>
<th>Edinburg</th>
<th>Edna</th>
<th>El Campo</th>
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</thead>
<tbody>
<tr>
<td>Contributing Members</td>
<td>$1,786,469</td>
<td>$86,820</td>
<td>$352,325</td>
<td>$91,769</td>
<td>$55,836,100</td>
<td>$3,308,906</td>
<td>$10,339,289</td>
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<tr>
<td>Noncontributing Members</td>
<td>253,720</td>
<td>4,994</td>
<td>181,484</td>
<td>79,780</td>
<td>5,755,146</td>
<td>731,666</td>
<td>2,257,081</td>
</tr>
<tr>
<td>Annuitants</td>
<td>899,718</td>
<td>20,394</td>
<td>571,471</td>
<td>90,801</td>
<td>26,164,073</td>
<td>1,873,407</td>
<td>8,100,432</td>
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</table>

### 2. Total Actuarial Accrued Liability

- $2,939,907
- $111,408
- $1,105,280
- $262,350
- $87,755,319
- $5,914,379
- $20,696,802

### 3. Actuarial value of assets

- $2,618,440
- $119,818
- $1,018,812
- $209,134
- $65,200,024
- $4,836,972
- $18,571,925

### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)

- ($321,467)
- ($8,410)
- $86,468
- $53,216
- $22,555,295
- $1,077,407
- $2,124,877

### 5. Funded Ratio: (3) / (2)

- 89.1%
- 107.5%
- 92.2%
- 79.7%
- 74.3%
- 81.8%
- 89.7%

### 6. Annual Payroll

- $1,332,721
- $124,993
- $439,403
- $206,697
- $26,539,960
- $1,844,954
- $4,871,045

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
<th>Supplemental Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>7.69%</td>
<td>0.30%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>1.50%</td>
<td>0.33%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.19%</td>
<td>0.22%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>9.49%</td>
<td>0.24%</td>
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### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Number of annuitants</th>
<th>13</th>
<th>1</th>
<th>35</th>
<th>22</th>
<th>454</th>
<th>3</th>
<th>89</th>
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</thead>
<tbody>
<tr>
<td>Number of active contributing members</td>
<td>35</td>
<td>3</td>
<td>13</td>
<td>6</td>
<td>6</td>
<td>13</td>
<td>9</td>
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<tr>
<td>Number of inactive members</td>
<td>22</td>
<td>1</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>45.4 years</td>
<td>51.5 years</td>
<td>53.2 years</td>
<td>50.8 years</td>
<td>41.4 years</td>
<td>51.9 years</td>
<td>44.8 years</td>
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<tr>
<td>Average length of service of contributing members</td>
<td>8.9 years</td>
<td>9.4 years</td>
<td>10.3 years</td>
<td>6.7 years</td>
<td>8.6 years</td>
<td>9.9 years</td>
<td>12.6 years</td>
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</tbody>
</table>

### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th></th>
<th>Eldorado</th>
<th>Ector</th>
<th>Elgin</th>
<th>Elkmart</th>
<th>Elsberdf</th>
<th>Emery</th>
<th>Easts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributing Members</td>
<td>$1,206,882</td>
<td>$667,585</td>
<td>$4,561,804</td>
<td>$150,536</td>
<td>$46,573</td>
<td>$845,643</td>
<td>$27,163,454</td>
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<tr>
<td>Noncontributing Members</td>
<td>95,775</td>
<td>353,716</td>
<td>1,130,099</td>
<td>211,631</td>
<td>26,417</td>
<td>69,744</td>
<td>2,126,670</td>
</tr>
<tr>
<td>Annuitants</td>
<td>589,322</td>
<td>676,384</td>
<td>1,042,736</td>
<td>203,573</td>
<td>17,291</td>
<td>26,966</td>
<td>21,112,925</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
<th>Supplemental Death</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>7.15%</td>
<td>0.31%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>2.55%</td>
<td>0.28%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.70%</td>
<td>0.22%</td>
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<tr>
<td>Total Rate</td>
<td>10.07%</td>
<td>0.23%</td>
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### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Number of annuitants</th>
<th>7</th>
<th>16</th>
<th>19</th>
<th>10</th>
<th>16</th>
<th>16</th>
<th>7</th>
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</thead>
<tbody>
<tr>
<td>Number of active contributing members</td>
<td>17</td>
<td>33</td>
<td>66</td>
<td>9</td>
<td>8</td>
<td>36</td>
<td>8</td>
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<tr>
<td>Number of inactive members</td>
<td>8</td>
<td>29</td>
<td>66</td>
<td>5</td>
<td>8</td>
<td>36</td>
<td>4</td>
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<tr>
<td>Average age of contributing members</td>
<td>36.3 years</td>
<td>42.8 years</td>
<td>46.2 years</td>
<td>46.5 years</td>
<td>35.7 years</td>
<td>51.9 years</td>
<td>44.8 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>8.2 years</td>
<td>7.0 years</td>
<td>9.8 years</td>
<td>4.4 years</td>
<td>2.8 years</td>
<td>11.4 years</td>
<td>13.0 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $88,397,487 $242,195 $2,843,961 $2,757,356 $1,352,865 $2,328,880 $758,421
   b. Noncontributing Members 11,529,236 47,275 1,377,691 248,215 2,050,537 764,022 105,441
   c. Annuitants 50,246,009 163,390 1,377,691 248,215 2,050,537 290,840 115,775
2. Total Actuarial Accrued Liability $150,172,732 $452,860 $4,651,489 $3,606,847 $3,901,953 $3,383,742 $1,087,775
3. Actuarial value of assets 131,280,817 445,753 4,059,233 3,258,713 4,514,104 2,735,929 1,109,469
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $18,891,915 $7,107 $592,256 $348,134 ($612,151) $647,813 ($21,694)
5. Funded Ratio: (3) / (2) 87.4% 98.4% 87.3% 90.3% 115.7% 80.9% 102.0%
6. Annual Payroll $24,539,477 $334,534 $1,583,975 $1,872,497 $1,728,159 $2,680,237 $981,997

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost 13.90% 3.16% 6.61% 10.32% 5.38% 6.14% 1.60%
- Prior Service 4.83% 0.72% 2.32% 1.15% -2.23% 1.67% -0.14%
- Total Retirement 18.73% 3.88% 8.93% 11.47% 3.15% 7.81% 1.46%
- Supplemental Death 0.00% 0.23% 0.16% 0.21% 0.14% 0.14% 0.27%
- Total Rate 18.73% 4.01% 9.16% 11.63% 3.36% 7.95% 1.73%
- 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

#### Phase-In Rate for Contributions
- 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% 11.50% 13.50% 11.50% N/A 7.50%

### ADDITIONAL INFORMATION
- GASB 25 Equivalent Single Amortization Period as of 1/2014 25.1 years 3.2 years 25.6 years 25.7 years 25.0 years 21.5 years 24.7 years
- Number of annuitants 152 5 16 5 20 4 5
- Number of active contributing members 367 11 40 40 35 46 30
- Number of inactive members 134 7 35 24 26 23 12
- Average age of contributing members 44.4 years 34.6 years 42.6 years 42.3 years 44.9 years 42.3 years 47.6 years
- Average length of service of contributing members 14.1 years 45.7 years 9.5 years 6.5 years 6.5 years 7.7 years 9.7 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $370,347 $37,919 $81,399,986 $1,495,990 $248,000 $573,939 $29,366
   b. Noncontributing Members 58,898 93,220 27,510,749 676,720 63,247 295,855 0
   c. Annuitants 409,265 50,811 95,384,695 1,853,713 526,179 112,098 35,031
2. Total Actuarial Accrued Liability $838,510 $181,950 $204,295,430 $4,026,421 $837,426 $981,892 $64,397
3. Actuarial value of assets 697,314 103,095 176,561,067 3,565,826 739,514 631,905 80,100
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $141,196 $78,855 $27,734,363 $460,595 $97,912 $349,987 ($15,703)
5. Funded Ratio: (3) / (2) 83.2% 56.7% 86.4% 88.6% 88.3% 64.4% 124.4%
6. Annual Payroll $453,864 $97,637 $26,443,487 $1,318,872 $243,444 $933,107 $46,876

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost 1.24% 3.78% 12.93% 6.74% 7.60% 5.21% 1.95%
- Prior Service 2.29% 5.96% 6.56% 2.19% 2.58% 2.64% -0.95%
- Total Retirement 3.53% 8.94% 19.49% 8.93% 10.13% 7.85% 0.00%
- Supplemental Death 0.20% 0.27% 0.13% 0.21% 0.13% 0.11% 0.00%
- Total Rate 3.73% 9.21% 19.62% 9.14% 10.26% 7.96% 0.00%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A N/A N/A N/A N/A
- Statutory Maximum Rate (Total Retirement Only) N/A N/A N/A N/A N/A N/A N/A

### ADDITIONAL INFORMATION
- GASB 25 Equivalent Single Amortization Period as of 1/2014 19.6 years 24.4 years 25.3 years 25.1 years 25.0 years 20.9 years 28.6 years
- Number of annuitants 6 1 4 2 1 4 1
- Number of active contributing members 11 4 373 28 8 24 1
- Number of inactive members 7 10 213 14 10 15 0
- Average age of contributing members 46.1 years 47.7 years 42.6 years 45.6 years 43.6 years 40.4 years 47.5 years
- Average length of service of contributing members 14.1 years 4.5 years 9.5 years 6.5 years 6.5 years 7.7 years 9.7 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   
a. Contributing Members
   
   | City       | Forney       | $8,009,892 | $4,950,625 | $209,148 | $151,443 | $16,049,116 |
   |            | Ft. Stockton | 1,290,421  | 1,453,409  | 22,974   | 32,432   | 1,652,572   |
   |            | Franklin     | 2,977,382  | 6,171,068  | 153,719  | 32,432   | 2,763,128   |
   | b. Noncontributing Members
   | City       | $12,277,695  | $12,575,402 | $385,841  | $371,013 | $25,420,350 |
   |            | $4,381,045   | 9,838,601   | 454,283   | 296,423  | 14,744,043  |
   | c. Annuitants
   | City       | 9,139,350    | 9,388,401   | 354,283   | 324,572  | 3,244,166   |
   |            | 9,139,350    | 9,838,601   | 454,283   | 296,423  | 14,744,043  |
   | 2. Total Actuarial Accrued Liability
   | City       | $12,277,695  | $12,575,402 | $385,841  | $371,013 | $25,420,350 |
   |            | $4,381,045   | 9,838,601   | 454,283   | 296,423  | 14,744,043  |
   | 3. Actuarial value of assets
   | City       | 7,139,350    | 9,838,601   | 454,283   | 296,423  | 14,744,043  |
   |            | 7,139,350    | 9,838,601   | 454,283   | 296,423  | 14,744,043  |
   | 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   | City       | $3,138,345   | 4,581,045   | ($68,442) | ($76,389) | ($1,878,688) |
   |            | $3,138,345   | 4,581,045   | ($68,442) | ($76,389) | ($1,878,688) |
   | 5. Funded Ratio: (3) / (2)
   | City       | 74.4%        | 78.2%       | 117.7%    | 79.4%     | 107.4%      |
   |            | 74.4%        | 78.2%       | 117.7%    | 79.4%     | 107.4%      |
   | 6. Annual Payroll
   | City       | $5,902,106   | $4,378,622  | $511,003  | $412,992  | $8,189,218  |
   |            | $5,902,106   | $4,378,622  | $511,003  | $412,992  | $8,189,218  |

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

- Normal Cost
  - Forney: 8.91%
  - Ft. Stockton: 8.91%
  - Franklin: 8.91%

- Prior Service
  - Forney: 3.34%
  - Ft. Stockton: 3.34%
  - Franklin: 3.34%

- Total Retirement
  - Forney: 12.25%
  - Ft. Stockton: 12.25%
  - Franklin: 12.25%

- Supplemental Death
  - Forney: 0.10%
  - Ft. Stockton: 0.10%
  - Franklin: 0.10%

- Total Rate
  - Forney: 12.35%
  - Ft. Stockton: 12.35%
  - Franklin: 12.35%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death

- Forney: N/A
  - Ft. Stockton: N/A
  - Franklin: N/A

#### Statutory Maximum Rate (Total Retirement Only)

- Forney: 13.50%
  - Ft. Stockton: 13.50%
  - Franklin: 13.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
  - Forney: 25.1 years
  - Ft. Stockton: 25.1 years
  - Franklin: 25.1 years

- Number of annuitants
  - Forney: 16
  - Ft. Stockton: 55
  - Franklin: 9

- Number of active contributing members
  - Forney: 108
  - Ft. Stockton: 108
  - Franklin: 15

- Number of inactive members
  - Forney: 31
  - Ft. Stockton: 31
  - Franklin: 15

- Average age of contributing members
  - Forney: 38.2 years
  - Ft. Stockton: 38.2 years
  - Franklin: 41.5 years

- Average length of service of contributing members
  - Forney: 6.6 years
  - Ft. Stockton: 6.6 years
  - Franklin: 7.1 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Friendswood</th>
<th>Friona</th>
<th>Frisco</th>
<th>Fritch</th>
<th>Frost</th>
<th>Fulshear</th>
<th>Fulton</th>
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<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>a. Contributing Members</td>
<td>$30,944,433</td>
<td>$1,841,525</td>
<td>$106,701,733</td>
<td>$324,075</td>
<td>$44,519</td>
<td>$178,906</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>6,932,504</td>
<td>1,183,480</td>
<td>23,881,269</td>
<td>323,257</td>
<td>2,134,360</td>
<td>1,378,157</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>14,496,030</td>
<td>2,158,121</td>
<td>10,220,855</td>
<td>278,137</td>
<td>7,541,487</td>
<td>5,231,157</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$52,372,967</td>
<td>$3,874,353</td>
<td>$126,689,154</td>
<td>$1,013,430</td>
<td>$235,437</td>
<td>$183,036</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>43,044,755</td>
<td>3,364,633</td>
<td>97,849,229</td>
<td>1,537,850</td>
<td>225,211</td>
<td>111,079</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$9,328,212</td>
<td>$509,720</td>
<td>$28,839,925</td>
<td>($524,420)</td>
<td>$10,226</td>
<td>$71,957</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>82.2%</td>
<td>86.8%</td>
<td>77.2%</td>
<td>151.7%</td>
<td>95.7%</td>
<td>60.7%</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Friendswood</td>
<td>11.03%</td>
<td>8.73%</td>
<td>15.76%</td>
<td>0.00%</td>
<td>15.76%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Friona</td>
<td>11.03%</td>
<td>8.73%</td>
<td>15.76%</td>
<td>0.00%</td>
<td>15.76%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Frisco</td>
<td>7.03%</td>
<td>10.01%</td>
<td>17.04%</td>
<td>0.00%</td>
<td>17.04%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fritch</td>
<td>4.73%</td>
<td>3.58%</td>
<td>8.31%</td>
<td>0.00%</td>
<td>8.31%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Frost</td>
<td>2.83%</td>
<td>3.62%</td>
<td>6.45%</td>
<td>0.00%</td>
<td>6.45%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fulshear</td>
<td>2.63%</td>
<td>4.32%</td>
<td>7.01%</td>
<td>0.00%</td>
<td>7.01%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Fulton</td>
<td>2.63%</td>
<td>4.32%</td>
<td>7.01%</td>
<td>0.00%</td>
<td>7.01%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Gainesville</th>
<th>Galena Park</th>
<th>Ganado</th>
<th>Garden Ridge</th>
<th>Garland</th>
<th>Garrison</th>
<th>Gary</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>25.9 years</td>
<td>24.2 years</td>
<td>25.3 years</td>
<td>25.0 years</td>
<td>24.7 years</td>
<td>22.0 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>77</td>
<td>15</td>
<td>71</td>
<td>7</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>199</td>
<td>26</td>
<td>849</td>
<td>23</td>
<td>17</td>
<td>6</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>87</td>
<td>21</td>
<td>269</td>
<td>28</td>
<td>17</td>
<td>3</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>43.8 years</td>
<td>41.6 years</td>
<td>52.7 years</td>
<td>44.0 years</td>
<td>44.6 years</td>
<td>56.1 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>11.7 years</td>
<td>10.0 years</td>
<td>9.5 years</td>
<td>2.8 years</td>
<td>5.3 years</td>
<td>4.6 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **a. Contributing Members**
     - Gatesville: $7,284,937
     - George West: $686,895
     - Georgetown: $52,944,405
     - Gilmer: $5,632,867
   - **b. Noncontributing Members**
     - Gatesville: $944,043
     - George West: $274,037
     - Georgetown: $18,984,831
   - **c. Annuitants**
     - Gatesville: $4,846,561
     - George West: $274,637

2. **Total Actuarial Accrued Liability**
   - $13,075,541

3. **Actuarial value of assets**
   - $10,463,060

4. **Unfunded/(overfunded) actuarial accrued liability (2) - (3)**
   - $2,612,481

5. **Funded Ratio: (3) / (2)**
   - 80.0%

6. **Annual Payroll**
   - $3,094,512

### CITY CONTRIBUTION RATES FOR 2014

- **Normal Cost**
  - Retirement: 10.31%
  - Supplemental Death: 0.26%
- **Prior Service**
  - Retirement: 5.28%
  - Supplemental Death: 0.26%
- **Total Retirement**
  - 15.59%
- **Supplemental Death**
  - 0.26%
- **Total Rate**
  - 15.85%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - 25.3 years

- **Number of annuitants**
  - 39

- **Number of active contributing members**
  - 64

- **Average age of contributing members**
  - 43.1 years

### CITY CONTRIBUTION RATES FOR 2014

- **Normal Cost**
  - Retirement: 3.77%
  - Supplemental Death: 0.15%
- **Prior Service**
  - Retirement: 0.57%
  - Supplemental Death: 0.57%
- **Total Retirement**
  - 3.20%
- **Supplemental Death**
  - 0.15%
- **Total Rate**
  - 3.35%

- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
  - N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - 25.4 years

- **Number of annuitants**
  - 25
### Summary of Actuarial Information

1. **Actuarial Accrued Liability**
   - Contributing Members: $5,353,730, $8,181,249, $14,261,586, $221,783,922, $1,749,989, $465,508, $77,474
   - Noncontributing Members: 1,247,655, 3,302,807, 2,709,614, 29,539,209, 304,129, 99,474, 139,315
   - Annuitants: 7,414,727, 3,376,671, 11,000,658, 153,751,274, 325,110, 428,962, 95,000

2. **Total Actuarial Accrued Liability**: $13,998,112, $14,860,727, $27,971,858, $405,074,405, $2,379,228, $993,944, $311,789

3. **Actuarial Value of Assets**: 11,565,999, 17,409,037, 22,170,955, 349,460,132, 2,208,060, 1,098,335, 374,877

4. **Unfunded/(overfunded) Actuarial Accrued Liability**: ($2,432,113), ($2,548,310), $5,800,903, $55,614,273, $171,168, ($104,391), ($63,088)

5. **Funded Ratio**: 82.6%, 117.1%, 79.3%, 86.3%, 92.8%, 110.5%, 120.2%

6. **Annual Payroll**: $3,368,491, $8,901,291, $6,831,231, $70,046,627, $1,057,829, $550,727, $278,870

#### City Contribution Rates for 2014

- **Normal Cost**: 8.22%, 3.73%, 10.69%, 12.41%, 5.25%, 4.67%, 1.98%
- **Prior Service**: 4.53%, -1.80%, 5.32%, 4.98%, 1.08%, -1.19%, -1.42%
- **Total Retirement**: 12.75%, 1.93%, 16.01%, 17.39%, 6.28%, 3.48%, 0.56%
- **Supplemental Death**: 0.34%, 0.22%, 0.18%, 0.17%, 0.30%, 0.00%, 0.00%
- **Total Rate**: 13.09%, 2.15%, 16.19%, 17.56%, 6.58%, 3.48%, 0.56%
- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: 13.08%, N/A, 15.72%, N/A, 9.0%, 11.50%, 7.50%
- **Statutory Maximum Rate (Total Retirement Only)**: N/A, 9.50%, N/A, 11.50%, 9.50%, 7.50%

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.1 years, 25.0 years, 25.2 years, 25.1 years, 24.5 years, 25.1 years, 25.1 years
- **Number of Annuitants**: 59, 50, 59, 522, 10, 7, 4
- **Number of Active Contributing Members**: 84, 187, 148, 1099, 28, 14, 7
- **Number of Inactive Members**: 34, 117, 53, 1099, 28, 11, 7
- **Average Age of Contributing Members**: 45.5 years, 44.9 years, 43.9 years, 43.3 years, 48.6 years, 40.1 years, 51.9 years
- **Average Length of Service of Contributing Members**: 8.6 years, 7.7 years, 9.4 years, 13.0 years, 11.1 years, 5.3 years, 5.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $97,353 $16,792,618 $79,834 $322,388 $1,272,978 $113,645 $132,538
   - b. Noncontributing Members 1,732 1,492,141 0 233,187 325,638 5,999 88,204
   - c. Annuitants 113,883 12,835,208 30,526 458,037 650,148 96,990 113,538
   - Total Actuarial Accrued Liability $212,968 $31,119,967 $110,360 $1,013,612 $2,248,764 $178,120 $280,667
   - 3. Actuarial value of assets 239,410 30,716,536 128,836 951,272 2,180,096 202,123 184,741
   - 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($26,442) $403,431 ($18,476) $62,340 $68,668 ($24,003) $95,926
   - 5. Funded Ratio: (3) / (2) 112.4% 98.7% 116.7% 93.8% 96.9% 113.5% 65.8%

2. CITY CONTRIBUTION RATES FOR 2014
   - Retirement Normal Cost 3.62% 9.23% 1.96% 5.14% 4.95% 2.80% 0.48%
   - Prior Service -1.17% 0.46% -0.48% 1.62% 0.29% -0.36% 1.84%
   - Total Retirement 2.45% 9.69% 1.48% 6.76% 5.24% 2.44% 2.32%
   - Supplemental Death 0.00% 0.00% 0.16% 0.00% 0.19% 0.11% 0.12%
   - Total Rate 2.45% 9.69% 1.64% 6.76% 5.43% 2.55% 2.44%
   - Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A N/A N/A N/A N/A
   - Statutory Maximum Rate (Total Retirement Only) 7.50% N/A 7.50% 12.50% 11.50% N/A N/A

### ADDITIONAL INFORMATION
   - GASB 25 Equivalent Single Amortization Period as of 1/2014 25.0 years 21.8 years 24.6 years 18.5 years 22.2 years 24.7 years 19.9 years
   - Number of annuitants 3 77 2 3 12 2 1
   - Number of active contributing members 4 97 10 8 44 10 10
   - Number of inactive members 1 23 0 8 23 5 11
   - Average age of contributing members 56.9 years 44.5 years 53.9 years 40.8 years 46.2 years 41.7 years 43.7 years
   - Average length of service of contributing members 8.5 years 15.4 years 5.1 years 6.8 years 6.9 years 4.2 years 6.5 years

---

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $3,464,396 $42,769 $40,426,994 $1,882,334 $759,239 $60,932 $23,463,810
   - b. Noncontributing Members $508,916 224,248 $11,879,399 $187,219 346,164 $91,701 $3,768,478
   - c. Annuitants $1,342,626 $254,387 $34,800,947 $1,288,222 $1,485,061 $367,297 $3,952,266
   - Total Actuarial Accrued Liability $5,315,938 $521,404 $87,107,340 $3,357,775 $2,590,464 $519,930 $31,184,554
   - 3. Actuarial value of assets $4,581,949 $333,093 $68,068,168 $2,500,505 $2,350,559 $426,151 $22,848,037
   - 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $733,989 $188,311 $19,039,172 $857,270 $239,905 $93,779 $8,336,517
   - 5. Funded Ratio: (3) / (2) 86.2% 63.9% 78.1% 74.5% 90.7% 82.0% 73.3%

2. CITY CONTRIBUTION RATES FOR 2014
   - Retirement Normal Cost 9.44% 0.81% 12.12% 13.39% 8.99% 7.60% 9.53%
   - Prior Service 3.66% 2.35% 7.95% 8.62% 3.83% 6.53% 5.18%
   - Total Retirement 13.10% 3.16% 20.07% 22.01% 12.82% 14.13% 14.71%
   - Supplemental Death 0.30% 0.11% 0.18% 0.42% 0.44% 0.53% 0.14%
   - Total Rate 13.40% 3.27% 20.25% 22.43% 13.26% 14.66% 14.85%
   - Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A 19.90% 21.54% N/A 13.47% 14.35%
   - Statutory Maximum Rate (Total Retirement Only) N/A N/A N/A N/A N/A N/A N/A

### ADDITIONAL INFORMATION
   - GASB 25 Equivalent Single Amortization Period as of 1/2014 25.0 years 24.3 years 25.2 years 25.6 years 25.2 years 25.6 years 25.2 years
   - Number of annuitants 15 2 77 2 3 12 2 1
   - Number of active contributing members 35 15 265 2 17 14 2 1
   - Number of inactive members 12 12 128 7 9 1 115
   - Average age of contributing members 49.3 years 40.6 years 43.6 years 52.0 years 46.5 years 41.6 years 46.5 years
   - Average length of service of contributing members 8.5 years 15.4 years 5.1 years 6.8 years 6.9 years 4.2 years 6.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $32,051,437
   - b. Noncontributing Members 8,493,895
   - c. Annuitants 13,716,869
   - Total Actuarial Accrued Liability $54,262,201
   - Actuarial value of assets $74,255,351
   - **Unfunded/(overfunded) actuarial accrued liability:** $6,850
   - **Funded Ratio:** 100.0%

2. **Annual Payroll** $12,283,634

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 8.17%
- Prior Service 0.01%
- Total Retirement 8.18%
- Supplementation Cost 0.25%
- Total Rate 8.43%

**Supplemental Death**
- 0.25%
- Total Rate 0.25%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A
- Total Rate N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 15.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period (in years)
- Number of annuitants 272
- Number of active contributing members 285
- Number of inactive members 96
- Average age of contributing members 46.6 years
- Average length of service of contributing members 14.6 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $2,466,243
   - b. Noncontributing Members 879,067
   - c. Annuitants 2,590,978
   - Total Actuarial Accrued Liability $5,936,288
   - Actuarial value of assets 4,224,521
   - **Unfunded/(overfunded) actuarial accrued liability:** $1,711,767
   - **Funded Ratio:** 71.2%

2. **Annual Payroll** $1,877,983

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 9.31%
- Prior Service 5.64%
- Total Retirement 14.95%
- Supplementation Cost 0.17%
- Total Rate 15.12%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 13.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period (in years)
- Number of annuitants 25
- Number of active contributing members 51
- Average age of contributing members 42.2 years
- Average length of service of contributing members 7.8 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members
     - Henderson: $1,378,159
     - Henrietta: $1,378,159
     - Hereford: $1,378,159
     - Hewitt: $1,378,159
     - Hickory Creek: $1,378,159
     - Hico: $1,378,159
     - Hidalgo: $1,378,159
   - Noncontributing Members
     - Henderson: $292,958
     - Henrietta: $292,958
     - Hereford: $292,958
     - Hewitt: $292,958
     - Hickory Creek: $292,958
     - Hico: $292,958
     - Hidalgo: $292,958
   - Annuitants
     - Henderson: $7,316,924
     - Henrietta: $7,316,924
     - Hereford: $7,316,924
     - Hewitt: $7,316,924
     - Hickory Creek: $7,316,924
     - Hico: $7,316,924
     - Hidalgo: $7,316,924

2. Total Actuarial Accrued Liability
   - Henderson: $17,195,880
   - Henrietta: $17,195,880
   - Hereford: $17,195,880
   - Hewitt: $17,195,880
   - Hickory Creek: $17,195,880
   - Hico: $17,195,880
   - Hidalgo: $17,195,880

3. Actuarial value of assets
   - Henderson: $18,593,783
   - Henrietta: $18,593,783
   - Hereford: $18,593,783
   - Hewitt: $18,593,783
   - Hickory Creek: $18,593,783
   - Hico: $18,593,783
   - Hidalgo: $18,593,783

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Henderson: $2,684,798
   - Henrietta: $2,684,798
   - Hereford: $2,684,798
   - Hewitt: $2,684,798
   - Hickory Creek: $2,684,798
   - Hico: $2,684,798
   - Hidalgo: $2,684,798

5. Funded Ratio: (3) / (2)
   - Henderson: 80.0%
   - Henrietta: 80.0%
   - Hereford: 80.0%
   - Hewitt: 80.0%
   - Hickory Creek: 80.0%
   - Hico: 80.0%
   - Hidalgo: 80.0%

6. Annual Payroll
   - Henderson: $5,397,809
   - Henrietta: $5,397,809
   - Hereford: $5,397,809
   - Hewitt: $5,397,809
   - Hickory Creek: $5,397,809
   - Hico: $5,397,809
   - Hidalgo: $5,397,809

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost: 10.22%
- Prior Service: 5.40%
- Total Retirement: 15.62%
- Suplemental Death: 0.17%
- Total Rate: 15.79%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: 15.15%
- Statutory Maximum Rate (Total Retirement Only): 15.79%

#### Additional Information
- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.1 years
- Number of annuitants: 55
- Number of active contributing members: 115
- Number of inactive members: 49
- Average age of contributing members: 39.5 years
- Average length of service of contributing members: 9.7 years

### ADDITIONAL INFORMATION

- Higgins: $171,509
- Highland Park: $31,146,925
- Highland Village: $15,738,082
- Hill Country Village: $776,997
- Hillsboro: $7,356,144
- Hitchcock: $1,404,118
- Holland: $233,280

### CITY CONTRIBUTION RATES FOR 2014

- Normal Cost: 6.32%
- Prior Service: -0.01%
- Total Retirement: 5.48%
- Suplemental Death: 0.00%
- Total Rate: 5.08%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A
- Statutory Maximum Rate (Total Retirement Only): N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 24.8 years
- Number of annuitants: 1
- Number of active contributing members: 3
- Number of inactive members: 0
- Average age of contributing members: 57.4 years
- Average length of service of contributing members: 13.5 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Holiday</th>
<th>Hollywood Park</th>
<th>Hondo</th>
<th>Honey Grove</th>
<th>Hooks</th>
<th>Howe</th>
<th>Hubbard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>78,039</td>
<td>587,075</td>
<td>1,530,172</td>
<td>111,609</td>
<td>222,997</td>
<td>392,140</td>
<td>13,010</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>0</td>
<td>1,015,045</td>
<td>5,863,853</td>
<td>156,597</td>
<td>213,023</td>
<td>226,573</td>
<td>8,891</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$313,171</td>
<td>$3,700,924</td>
<td>$5,535,082</td>
<td>$905,822</td>
<td>$1,063,514</td>
<td>$1,210,397</td>
<td>$253,156</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>382,916</td>
<td>3,238,903</td>
<td>10,006,221</td>
<td>922,148</td>
<td>758,382</td>
<td>1,494,856</td>
<td>281,244</td>
</tr>
<tr>
<td>5. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$(69,745)</td>
<td>$(462,021)</td>
<td>$(1,365,861)</td>
<td>$(95,287)</td>
<td>$(73,908)</td>
<td>$(31,315)</td>
<td>$(28,088)</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>122.3%</td>
<td>87.5%</td>
<td>88.0%</td>
<td>90.6%</td>
<td>110.8%</td>
<td>102.1%</td>
<td>111.1%</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**

- Normal Cost: 4.0% - 8.0%
- Prior Service: -1.0% - 2.5%
- Total Retirement: 2.5% - 10.5%

**Supplemental Death**

- 0.0% - 0.4%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**

- N/A - 16.5%

**Statutory Maximum Rate (Total Retirement Only)**

- 9.5% - 13.5%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**

- 25.1 years - 27.3 years

**Number of annuitants**

- 0 - 26

**Number of active contributing members**

- 10 - 218

**Number of inactive members**

- 8 - 110

**Average age of contributing members**

- 44.2 years - 48.1 years

**Average length of service of contributing members**

- 7.4 years - 11.9 years

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Hudson Oaks</th>
<th>Hughes Springs</th>
<th>Huntsville</th>
<th>Hunter's Creek Village</th>
<th>Huntington</th>
<th>Huntsville</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$378,562</td>
<td>$1,752,709</td>
<td>$2,405,728</td>
<td>$315,022,137</td>
<td>$508,416</td>
<td>$1,367,369</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>19,072</td>
<td>410,926</td>
<td>138,458</td>
<td>66,435</td>
<td>212,118</td>
<td>5,513,754</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>0</td>
<td>135,387</td>
<td>297,204</td>
<td>162,304,450</td>
<td>499,998</td>
<td>1,444,277</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$397,634</td>
<td>$2,299,022</td>
<td>$2,841,390</td>
<td>$503,363,353</td>
<td>$1,044,450</td>
<td>$1,273,764</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>419,473</td>
<td>1,653,269</td>
<td>2,829,635</td>
<td>443,740,450</td>
<td>678,439</td>
<td>520,179</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$(21,839)</td>
<td>$(645,763)</td>
<td>$(1,157)</td>
<td>$(5,926,44)</td>
<td>$(366,011)</td>
<td>$(537,688)</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>105.5%</td>
<td>87.9%</td>
<td>99.6%</td>
<td>98.2%</td>
<td>80.3%</td>
<td>85.0%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$634,304</td>
<td>$1,216,887</td>
<td>$584,289</td>
<td>$316,868,84</td>
<td>$422,060</td>
<td>$719,892</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**

- Normal Cost: 4.0% - 8.0%
- Prior Service: -1.0% - 2.5%
- Total Retirement: 2.5% - 10.5%

**Supplemental Death**

- 0.0% - 0.4%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**

- N/A - 16.5%

**Statutory Maximum Rate (Total Retirement Only)**

- 9.5% - 13.5%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**

- 24.4 years - 27.4 years

**Number of annuitants**

- 0 - 26

**Number of active contributing members**

- 16 - 218

**Number of inactive members**

- 6 - 110

**Average age of contributing members**

- 42.3 years - 48.1 years

**Average length of service of contributing members**

- 7.4 years - 11.9 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   
   a. Contributing Members $59,538,455 $2,623,210 $5,967,571 $181,952 $192,914 $3,858,022 $352,919
   
   b. Noncontributing Members 10,350,616 1,145,415 1,293,809 93,581 30,008 801,200 145,614
   
   c. Annuitants 49,781,177 579,605 865,556 294,965 0 2,591,793 85,814
   
   2. Total Actuarial Accrued Liability $119,670,248 $4,348,230 $8,126,936 $570,498 $222,922 $7,251,015 $584,347
   
   3. Actuarial value of assets 117,117,285 4,329,301 5,968,605 739,478 202,992 6,075,468 513,034
   
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $2,552,963 $18,929 $2,158,331 ($168,980) $20,730 $1,175,547 $71,313
   
   5. Funded Ratio: (3) / (2) 97.9% 99.6% 73.4% 129.6% 90.7% 83.8% 87.8%

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>2014 Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>9.73%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.94%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>10.67%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.00%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>10.67%</td>
</tr>
<tr>
<td>Phase-In Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate</td>
<td>9.39%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
- Number of annuitants
- Number of active contributing members
- Number of inactive members
- Average age of contributing members
- Average length of service of contributing members
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Statutory Maximum Rate (Total Retirement Only)

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   
   a. Contributing Members $3,963,288 $292,397 $2,623,210 $5,967,571 $181,952 $192,914 $3,858,022 $352,919
   
   b. Noncontributing Members 620,507 55,323 4,805,544 3,218,934 93,581 30,008 801,200 145,614
   
   c. Annuitants 1,104,931 753,664 202,799,293 147,527 324,781 2,183,583 3,118,383
   
   2. Total Actuarial Accrued Liability $5,688,726 $1,101,384 $508,534,169 $413,090 $1,251,035 $6,773,176 $5,261,107
   
   3. Actuarial value of assets 4,687,833 879,984 514,116,652 272,583 1,289,993 5,690,351 4,164,883
   
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,000,893 $221,400 ($5,582,483) $140,507 ($38,958) $1,082,825 $1,096,224
   
   5. Funded Ratio: (3) / (2) 82.4% 79.9% 101.1% 66.0% 103.1% 84.0% 79.2%

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>2014 Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>10.51%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>4.18%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>14.69%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.20%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>14.89%</td>
</tr>
<tr>
<td>Phase-In Rate</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate</td>
<td>9.27%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014
- Number of annuitants
- Number of active contributing members
- Number of inactive members
- Average age of contributing members
- Average length of service of contributing members
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $10,604,228, $7,487,185, $597,018, $8,850,951, $788,872, $75,577, $573,239
   - b. Noncontributing Members: $1,400,796, $789,834, $152,727, $2,413,491, $32,727, $5,630, $48,428
   - c. Annuitants: $9,648,895, $11,851,197, $766,163, $5,838,843, $0, $148,557, $603,475

2. **Total Actuarial Accrued Liability**:
   - $21,653,919, $20,128,216, $1,515,908, $17,103,285, $821,599, $229,764, $1,225,142

3. **Actuarial value of assets**:
   - $19,231,555, $18,832,837, $1,234,862, $13,217,340, $689,097, $170,991, $1,000,085

4. **Unfunded/(overfunded) actuarial accrued liability**: $2,422,364, $1,295,379, $281,046, $3,885,945, $132,502, $58,773, $225,057

5. **Funded Ratio**: 88.8%, 93.6%, 81.5%, 77.3%, 83.9%, 74.4%, 81.6%

6. **Annual Payroll**:

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost: 8.28%, 6.45%, 2.91%, 9.16%, 6.96%, 1.19%, 6.80%
- Prior Service: 2.78%, 2.54%, 2.56%, 4.95%, 2.37%, 2.17%, 2.37%
- Total Retirement: 11.06%, 8.99%, 5.47%, 14.11%, 9.23%, 3.36%, 9.17%
- Supplemental Death: 0.18%, 0.20%, 0.23%, 0.12%, 0.28%, 0.33%, 0.15%
- Total Rate: 11.24%, 9.19%, 5.70%, 14.28%, 9.47%, 3.69%, 9.32%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A
- Statutory Maximum Rate (Total Retirement Only): N/A

#### GASB 25 Equivalent Single Amortization Period as of 1/2014:
- 25.1 years, 14.1 years, 24.8 years, 25.1 years, 24.7 years, 16.9 years, 25.7 years

### ADDITIONAL INFORMATION

- Number of annuitants: 80, 72, 8, 28, 0, 3, 5
- Number of active contributing members: 127, 111, 17, 95, 8, 7, 13
- Number of inactive members: 49, 44, 18, 42, 6, 3, 7
- Average age of contributing members: 41.9 years, 43.4 years, 48.4 years, 44.3 years, 50.2 years, 56.4 years, 46.3 years
- Average length of service of contributing members: 10.2 years, 9.7 years, 10.1 years, 10.7 years, 11.9 years, 8.3 years, 8.0 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - c. Annuitants: $89,158, $240,444, $0, $103,807, $743,294, $1,005,253, $658,212

2. **Total Actuarial Accrued Liability**:
   - $288,622, $875,497, $181,506, $1,771,109, $1,793,044, $3,249,644, $1,135,969

3. **Actuarial value of assets**:
   - $254,707, $724,288, $151,715, $1,843,020, $1,648,599, $2,647,856, $1,087,702

4. **Unfunded/(overfunded) actuarial accrued liability**: $33,915, $151,209, $29,791, $71,911, $144,445, $668,789, $486,267

5. **Funded Ratio**: 88.2%, 82.7%, 83.6%, 104.1%, 91.9%, 81.5%, 95.8%

6. **Annual Payroll**:
   - $198,417, $1,294,818, $172,842, $1,403,101, $945,786, $713,835, $1,116,881

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost: 4.88%, 3.60%, 4.02%, 3.75%, 5.06%, 10.41%, 2.10%
- Prior Service: 1.22%, 0.83%, 1.23%, 0.32%, 0.96%, 5.26%, 0.32%
- Total Retirement: 6.10%, 4.43%, 5.25%, 3.43%, 6.06%, 15.67%, 2.42%
- Supplemental Death: 0.36%, 0.18%, 0.10%, 0.08%, 0.27%, 0.24%, 0.00%
- Total Rate: 6.46%, 4.61%, 5.35%, 3.51%, 6.28%, 15.91%, 2.42%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A
- Statutory Maximum Rate (Total Retirement Only): N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014:
  - 20.5 years, 20.6 years, 20.5 years, 25.3 years, 25.1 years, 19.4 years
- Number of active contributing members:
  - Jones Creek: 5, Juncos: 26, Joplin: 8, Joshua: 2, Jourdanton: 24, Junction: 12, Justin: 14
- Average age of contributing members:
  - Jones Creek: 58.1 years, Juncos: 46.2 years, Joplin: 45.6 years, Joshua: 39.7 years, Jourdanton: 48.4 years, Junction: 48.9 years, Justin: 42.7 years
- Average length of service of contributing members:
  - Jones Creek: 10.0 years, Juncos: 6.1 years, Joplin: 11.3 years, Joshua: 7.2 years, Jourdanton: 6.9 years, Junction: 13.3 years, Justin: 8.4 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Contributing Members</th>
<th>Noncontributing Members</th>
<th>Annuitants</th>
<th>Total Actuarial Accrued Liability</th>
</tr>
</thead>
<tbody>
<tr>
<td>Karnes City</td>
<td>$565,779</td>
<td>$401,209</td>
<td>$741,559</td>
<td>$1,708,547</td>
</tr>
<tr>
<td>Katy</td>
<td>$21,181,467</td>
<td>$1,351,816</td>
<td>$8,107,908</td>
<td>$30,641,191</td>
</tr>
<tr>
<td>Kaufman</td>
<td>$6,237,566</td>
<td>$2,860,893</td>
<td>$7,891,790</td>
<td>$12,983,349</td>
</tr>
<tr>
<td>Kereme</td>
<td>$4,968,186</td>
<td>$1,344,304</td>
<td>$5,280,088</td>
<td>$12,639,574</td>
</tr>
<tr>
<td>Keller</td>
<td>$43,623,365</td>
<td>$12,847,285</td>
<td>$52,165,499</td>
<td>$113,615,144</td>
</tr>
<tr>
<td>Kemah</td>
<td>$1,829,947</td>
<td>$2,070,672</td>
<td>$1,387,595</td>
<td>$5,287,114</td>
</tr>
<tr>
<td>Kemp</td>
<td>$51,396</td>
<td>$8,215</td>
<td>$2,122,303</td>
<td>$11,263</td>
</tr>
</tbody>
</table>

#### 2. Actuarial value of assets

| Municipality          | $1,534,647           | $26,373,271             | $7,891,790 | $52,165,499 |

#### 3. Unfunded/(overfunded) actuarial accrued liability

| Municipality          | $(2) - (3) $173,900 | $4,267,920              | $1,951,586 | $13,208,495 |

#### 4. Funded Ratio

| Municipality          | (3) / (2) 89.8%     | 86.1%                   | 80.2%       | 74.5%       |

#### 5. Annual Payroll

| Municipality          | $775,263            | $7,394,794              | $2,547,744 | $18,177,790 |

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

| Municipality          | Normal Cost 3.07%   | 12.87%                  | 10.17%      | 10.18%       |

#### Prior Service

| Municipality          | 1.41%               | 3.61%                   | 4.80%       | 4.92%        |

#### Total Retirement

| Municipality          | 4.48%               | 16.48%                  | 14.97%      | 15.10%       |

#### Supplemental Death

| Municipality          | 0.20%               | 0.22%                   | 0.15%       | 0.12%        |

#### Total Rate

| Municipality          | 4.68%               | 16.68%                  | 15.19%      | 15.25%       |

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death

| Municipality          | N/A                 | 16.27%                  | 14.69%      | N/A          |

#### Statutory Maximum Rate (Total Retirement Only)

| Municipality          | 7.50%               | 13.50%                  | 7.50%       | 13.50%       |

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2014

| Municipality          | 25.1 years          | 25.3 years              | 25.1 years  | 25.3 years  |

#### Number of annuitants

| Municipality          | 8                   | 38                     | 28          | 13          |

#### Number of active contributing members

| Municipality          | 22                  | 128                    | 59          | 13          |

#### Number of inactive members

| Municipality          | 11                  | 32                     | 36          | 26          |

#### Average age of contributing members

| Municipality          | 42.5 years          | 44.8 years              | 44.3 years  | 43.0 years  |

#### Average length of service of contributing members

| Municipality          | 8.1 years           | 12.3 years              | 12.6 years  | 9.7 years   |

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

| Municipality          | Normal Cost 2.40%   | 7.37%                   | 8.84%       | 8.00%        |

#### Prior Service

| Municipality          | 1.57%               | 4.24%                   | 9.86%       | 0.71%        |

#### Total Retirement

| Municipality          | 3.97%               | 11.61%                  | 18.70%      | 11.33%       |

#### Supplemental Death

| Municipality          | 0.17%               | 0.34%                   | 0.23%       | 0.19%        |

#### Total Rate

| Municipality          | 4.14%               | 11.97%                  | 18.93%      | 11.53%       |

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death

| Municipality          | N/A                 | N/A                     | N/A         | N/A          |

#### Statutory Maximum Rate (Total Retirement Only)

| Municipality          | 7.50%               | 13.50%                  | 13.50%      | 13.50%       |
## SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $18,512,840 $2,661,829 $328,026 $81,905 $305,199 $177,453 $71,270
   b. Noncontributing Members 5,239,554 1,713,836 185,950 199,663 92,574 2,773 21,294
   c. Annuitants 21,762,101 1,175,668 1,065,824 113,689 10,980 95,337 0

2. Total Actuarial Accrued Liability $45,514,495 $5,551,333 $1,579,800 $395,257 $408,753 $275,563 $92,564

3. Actuarial value of assets 42,351,798 4,507,970 1,323,125 500,306 455,993 267,980 78,642

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $3,162,697 $1,043,363 $256,675 ($105,049) ($46,840) $7,583 $13,922

5. Funded Ratio: (3) / (2) 93.1% 81.2% 83.8% 126.6% 111.5% 97.2% 85.0%

6. Annual Payroll $9,679,819 $1,772,606 $610,457 $258,463 $882,821 $44,073 $243,384

## CITY CONTRIBUTION RATES FOR 2014

### Retirement
   - Normal Cost 7.83% 8.70% 2.94% 2.57% 1.03% 9.00% 0.00%
   - Prior Service 2.06% 3.71% 2.63% -2.56% -0.33% 2.14% 0.40%
   - Total Retirement 9.89% 12.41% 5.57% 0.01% 0.70% 11.14% 0.40%

### Supplemental Death
   - 0.00% 0.13% 0.44% 0.23% 0.17% 0.00% 0.09%

### Total Rate
   - 9.89% 12.54% 6.01% 0.24% 0.87% 11.14% 0.49%

### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
   - N/A 12.03% N/A N/A N/A N/A N/A

### Statutory Maximum Rate (Total Retirement Only)
   - N/A 13.50% 7.50% 9.50% N/A N/A N/A

## ADDITIONAL INFORMATION

### GASB 25 Equivalent Single Amortization Period as of 1/2014
   - Kingsville 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Kirby 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Kirbyville 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Knox City 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Kountze 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Kress 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years
   - Krugerville 24.9 years 24.9 years 25.3 years 25.0 years 25.5 years 9.8 years 21.1 years

### Number of annuitants
   - 129 16 17 3 1 3 0

### Number of active contributing members
   - 259 51 14 9 28 1 4

### Number of inactive members
   - 113 66 26 11 23 1 3

### Average age of contributing members
   - 42.1 years 39.1 years 49.4 years 44.5 years 42.7 years 60.2 years 38.2 years

### Average length of service of contributing members
   - 9.3 years 7.3 years 9.6 years 4.1 years 5.6 years 21.7 years 8.9 years

## SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $396,838 $7,444,513 $128,352 $3,496,656 $6,132,003 $296,090 $753,892
   b. Noncontributing Members 401,953 747,575 44,089 418,549 1,300,608 36,222 139,276
   c. Annuitants 30,073 1,636,976 11,514 824,925 2,896,321 116,839 120,301

2. Total Actuarial Accrued Liability $828,864 $9,829,064 $183,955 $4,740,130 $10,328,932 $449,151 $1,013,469

3. Actuarial value of assets 891,112 8,154,041 219,072 3,414,113 9,117,041 532,270 279,891

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($62,248) $1,675,023 ($35,117) $1,326,017 $1,211,891 ($83,119) $733,578

5. Funded Ratio: (3) / (2) 107.5% 83.0% 119.1% 72.0% 88.3% 118.5% 27.6%

6. Annual Payroll $1,090,871 $7,095,495 $257,015 $2,000,643 $2,305,935 $505,492 $1,229,714

## CITY CONTRIBUTION RATES FOR 2014

### Retirement
   - Normal Cost 2.61% 7.45% 1.03% 5.79% 11.06% 3.22% 1.31%
   - Prior Service -0.36% 1.71% -0.86% 4.16% 3.21% -1.04% 3.98%
   - Total Retirement 2.25% 9.16% 0.17% 9.95% 14.27% 4.12% 5.29%

### Supplemental Death
   - 0.13% 0.00% 0.00% 0.23% 0.27% 0.16%

### Total Rate
   - 2.38% 9.28% 0.17% 10.18% 14.52% 4.39% 5.45%

### 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)
   - 11.50% 13.50% 7.50% N/A N/A 11.50% N/A

## ADDITIONAL INFORMATION

### GASB 25 Equivalent Single Amortization Period as of 1/2014
   - 249 years 20.0 years 25.0 years 25.1 years 26.3 years 24.8 years 22.7 years

### Number of annuitants
   - 2 13 2 19 27 4 1

### Number of active contributing members
   - 28 142 8 56 57 20 48

### Number of inactive members
   - 20 45 2 40 20 9 19

### Average age of contributing members
   - 41.9 years 41.2 years 47.6 years 45.1 years 49.2 years 44.7 years 42.3 years

### Average length of service of contributing members
   - 5.4 years 6.5 years 8.1 years 9.2 years 12.0 years 6.4 years 6.6 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - $5,779,922
     - $65,944,415
     - $92,121
     - $2,315,378
     - $20,595
     - $4,145,909
     - $325,521
   - **b. Noncontributing Members**
     - 3,544,452
     - 5,943,070
     - 72,820
     - 439,536
     - 15,216
     - 507,849
     - 75,585
   - **c. Annuitants**
     - 9,270,782
     - 46,225,166
     - 111,002
     - 2,300,482
     - 45,606
     - 1,383,291
     - 0

#### 2. Total Actuarial Accrued Liability
   - $18,595,156
   - $118,112,651
   - $275,943
   - $5,055,396
   - $81,417
   - $6,037,049
   - $401,106

#### 3. Actuarial value of assets
   - $16,635,384
   - $102,718,435
   - $157,039
   - $3,897,801
   - $111,648
   - $5,977,644
   - $410,404

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - ($2) - $15,394,216
   - $118,904
   - $1,157,595
   - ($30,231)
   - ($30,231)
   - ($2989)

#### 5. Funded Ratio: (3) / (2)
   - 89.5%
   - 87.0%
   - 56.9%
   - 77.1%
   - 137.1%
   - 99.0%
   - 102.3%

#### 6. Annual Payroll
   - $5,715,078
   - $20,723,097
   - $445,931
   - $1,639,926
   - $81,341
   - $3,243,639
   - $504,731

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
   - **Normal Cost**
     - 7.20%
     - 12.34%
     - 0.54%
     - 8.35%
     - 4.62%
     - 6.21%
     - 2.55%
   - **Prior Service**
     - 2.16%
     - 4.66%
     - 1.95%
     - 4.42%
     - 3.08%
     - 0.14%
     - 0.12%
   - **Total Retirement**
     - 9.36%
     - 17.00%
     - 2.49%
     - 12.77%
     - 1.66%
     - 6.33%
     - 2.43%
   - **Supplemental Death**
     - 0.17%
     - 0.15%
     - 0.11%
     - 0.17%
     - 0.19%
     - 0.20%
     - 0.12%
   - **Total Rate**
     - 9.53%
     - 17.15%
     - 2.60%
     - 12.94%
     - 1.80%
     - 6.55%
     - 2.55%
   - **Phase-In Rate (Minimum Contribution), Inc. Supplemental Death**
     - 9.51%
     - 17.02%
     - N/A
     - 12.47%
     - N/A
     - N/A
     - N/A
   - **Statutory Maximum Rate (Total Retirement Only)**
     - 11.50%
     - N/A
     - N/A
     - 13.50%
     - N/A
     - N/A
     - N/A

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2014
   - 25.0 years
   - 25.1 years
   - 19.7 years
   - 25.2 years
   - 17.0 years
   - 18.5 years
   - 23.6 years

#### Number of annuitants
   - 66
   - 146
   - 2
   - 18
   - 2
   - 20
   - 7

#### Number of active contributing members
   - 117
   - 374
   - 13
   - 48
   - 3
   - 85
   - 13

#### Number of inactive members
   - 75
   - 117
   - 3
   - 21
   - 5
   - 38
   - 7

#### Average age of contributing members
   - 42.3 years
   - 43.7 years
   - 38.8 years
   - 39.0 years
   - 43.3 years
   - 46.0 years
   - 46.2 years

#### Average length of service of contributing members
   - 7.9 years
   - 12.7 years
   - 3.9 years
   - 7.7 years
   - 2.3 years
   - 7.3 years
   - 6.4 years

---

### ADDITIONAL INFORMATION

#### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
   - **Normal Cost**
     - 10.49%
     - 11.16%
     - 8.69%
     - 2.44%
     - 4.37%
     - 0.76%
     - 8.95%
   - **Prior Service**
     - 2.85%
     - 2.57%
     - 3.24%
     - 2.44%
     - 1.41%
     - 0.17%
     - 2.90%
   - **Total Retirement**
     - 13.34%
     - 13.73%
     - 11.93%
     - 0.00%
     - 2.96%
     - 0.93%
     - 11.85%
   - **Supplemental Death**
     - 0.26%
     - 0.22%
     - 0.14%
     - 0.12%
     - 0.22%
     - 0.16%
     - 0.17%
   - **Total Rate**
     - 13.60%
     - 13.95%
     - 12.07%
     - 12.07%
     - 3.18%
     - 1.99%
     - 12.02%
   - **Phase-In Rate (Minimum Contribution), Inc. Supplemental Death**
     - 13.09%
     - 13.73%
     - 11.82%
     - N/A
     - N/A
     - N/A
     - N/A
   - **Statutory Maximum Rate (Total Retirement Only)**
     - 13.50%
     - 13.50%
     - 13.50%
     - 13.50%

#### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2014
   - 25.5 years
   - 25.0 years
   - 25.4 years
   - 35.1 years
   - 25.0 years
   - 12.0 years
   - 25.3 years

#### Number of members
   - 66
   - 146
   - 2
   - 18
   - 2
   - 20
   - 7

#### Number of active members
   - 117
   - 374
   - 13
   - 48
   - 3
   - 85
   - 13

#### Number of inactive members
   - 75
   - 117
   - 3
   - 21
   - 5
   - 38
   - 7

#### Average age of members
   - 44.6 years
   - 43.1 years
   - 41.7 years
   - 43.6 years
   - 45.9 years
   - 49.2 years
   - 43.5 years

#### Average length of service of members
   - 8.1 years
   - 12.1 years
   - 9.9 years
   - 7.2 years
   - 8.9 years
   - 11.0 years
   - 8.0 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Lamesa</th>
<th>Lampasas</th>
<th>Lancaster</th>
<th>Laredo</th>
<th>Lavon</th>
<th>Lexington</th>
<th>Lexington</th>
<th>League City</th>
<th>Leander</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributing Members</td>
<td>$4,492,851</td>
<td>$8,965,468</td>
<td>$25,450,606</td>
<td>$274,978,021</td>
<td>$77,424</td>
<td>$57,732,051</td>
<td>$11,580,257</td>
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<td>$1,580,257</td>
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<tr>
<td>Noncontributing Members</td>
<td>1,397,663</td>
<td>2,140,653</td>
<td>11,007,877</td>
<td>16,244,684</td>
<td>82,049</td>
<td>10,387,231</td>
<td>1,243,586</td>
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<td>4,346,109</td>
</tr>
<tr>
<td>Annuitants</td>
<td>6,991,761</td>
<td>5,123,354</td>
<td>23,605,563</td>
<td>125,346,113</td>
<td>24,715</td>
<td>591,869</td>
<td>74,898,974</td>
<td>12,197,646</td>
<td>5,152,306</td>
</tr>
<tr>
<td>Total</td>
<td>$12,882,275</td>
<td>$16,229,475</td>
<td>$60,064,046</td>
<td>$416,568,818</td>
<td>$93,986,635</td>
<td>$93,986,635</td>
<td>$17,349,952</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Actuarial value of assets  | 13,657,296 | 13,256,367 | 49,578,237 | 285,561,778 | 519,869 | 74,898,974 | 12,197,646 |           |           |

| Unfunded/(overfunded) actuarial accrued liability | ($775,021) | $2,973,108 | $10,485,809 | $131,007,040 | $65,319 | $19,087,661 | $5,152,306 |           |           |

| Funded Ratio               | 106.0% | 81.7% | 82.5% | 68.6% | 88.8% | 79.7% | 70.3% |           |           |

| Annual Payroll             | $2,771,761 | $4,230,708 | $12,860,227 | $92,780,476 | $701,732 | $26,707,392 | $9,701,744 |           |           |

### CITY CONTRIBUTION RATES FOR 2014

<p>| | | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>5.54%</td>
<td>11.00%</td>
<td>9.36%</td>
<td>12.93%</td>
<td>2.25%</td>
<td>10.57%</td>
<td>8.44%</td>
<td></td>
</tr>
<tr>
<td>Prior Service</td>
<td>-1.76%</td>
<td>4.39%</td>
<td>5.11%</td>
<td>8.60%</td>
<td>0.69%</td>
<td>4.49%</td>
<td>3.30%</td>
<td></td>
</tr>
<tr>
<td>Total Retirement</td>
<td>3.78%</td>
<td>15.39%</td>
<td>14.47%</td>
<td>21.79%</td>
<td>2.94%</td>
<td>15.06%</td>
<td>12.14%</td>
<td></td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.00%</td>
<td>0.20%</td>
<td>0.35%</td>
<td>0.12%</td>
<td>0.10%</td>
<td>0.14%</td>
<td>0.13%</td>
<td></td>
</tr>
<tr>
<td>Total</td>
<td>3.78%</td>
<td>15.59%</td>
<td>14.62%</td>
<td>21.96%</td>
<td>3.04%</td>
<td>15.20%</td>
<td>12.27%</td>
<td></td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>15.22%</td>
<td>N/A</td>
<td>20.65%</td>
<td>N/A</td>
<td>14.45%</td>
<td>12.00%</td>
<td></td>
</tr>
<tr>
<td>Statutory Maximum Rate</td>
<td>13.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>13.50%</td>
<td></td>
</tr>
</tbody>
</table>

|                          |           |           |           |           |           |           |           |           |
| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 15.22% | N/A | 20.65% | N/A | 14.45% | 12.00% |           |
| Statutory Maximum Rate   | 13.50%   | N/A      | N/A       | N/A      | N/A       | N/A       |           |           |

### ADDITIONAL INFORMATION

| GASB 25 Equivalent Single Amortization Period as of 1/2014 | 25.0 years | 25.3 years | 25.2 years | 25.1 years | 19.3 years | 25.1 years | 25.5 years |           |
| Number of annuitants    | 44 | 50 | 137 | 697 | 1 | 134 | 29 |           |
| Number of active contributing members | 68 | 103 | 220 | 1969 | 14 | 480 | 179 |           |
| Number of inactive members | 38 | 47 | 165 | 382 | 6 | 138 | 63 |           |
| Average age of contributing members | 42.8 years | 42.8 years | 40.3 years | 43.8 years | 41.7 years | 41.5 years | 41.3 years |           |
| Average length of service of contributing members | 8.4 years | 9.0 years | 9.4 years | 11.5 years | 9.7 years | 9.4 years | 7.3 years |           |
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $3,805,495 $358,250 $57,615 $12,107,931 $2,916,493 $19,010,955 $9,618
   b. Noncontributing Members 250,816 103,972 0 1,288,278 1,555,516 2,362,141 6,786
   c. Annuitants 277,946 61,900 0 1,447,648 1,625,266 6,364,534 0

2. Total Actuarial Accrued Liability $4,334,257 $523,812 $57,615 $14,843,857 $6,097,275 $27,737,630 $16,404

3. Actuarial value of assets 2,657,305 575,982 70,784 11,940,507 5,521,242 21,508,279 14,157

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,676,952 ($52,170) ($13,169) $2,903,350 $576,033 $6,229,351 $2,247

5. Funded Ratio: (3) / (2) 61.3% 110.0% 122.9% 80.4% 90.6% 77.5% 86.3%

6. Annual Payroll $1,827,521 $426,468 $104,675 $9,117,191 $1,837,606 $6,017,750 $123,856

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>9.53%</td>
<td>3.02%</td>
<td>2.25%</td>
<td>1.02%</td>
<td>15.30%</td>
<td>14.95%</td>
<td>N/A</td>
</tr>
<tr>
<td>Prior Service</td>
<td>5.77%</td>
<td>-0.77%</td>
<td>-0.79%</td>
<td>0.19%</td>
<td>0.00%</td>
<td>0.46%</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>15.30%</td>
<td>2.25%</td>
<td>1.02%</td>
<td>10.71%</td>
<td>10.23%</td>
<td>17.94%</td>
<td>1.64%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>15.30%</td>
<td>2.25%</td>
<td>1.02%</td>
<td>10.71%</td>
<td>10.23%</td>
<td>17.94%</td>
<td>1.64%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>14.95%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>7.50%</td>
<td>N/A</td>
<td>13.50%</td>
<td>11.50%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2014</th>
<th>25.0 years</th>
<th>25.0 years</th>
<th>25.1 years</th>
<th>20.4 years</th>
<th>25.3 years</th>
<th>25.3 years</th>
<th>4.3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>4</td>
<td>2</td>
<td>0</td>
<td>19</td>
<td>29</td>
<td>41</td>
<td>0</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>43</td>
<td>11</td>
<td>5</td>
<td>176</td>
<td>49</td>
<td>117</td>
<td>4</td>
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<tr>
<td>Number of inactive members</td>
<td>13</td>
<td>7</td>
<td>0</td>
<td>61</td>
<td>32</td>
<td>42</td>
<td>3</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>46.9 years</td>
<td>52.4 years</td>
<td>52.2 years</td>
<td>42.7 years</td>
<td>43.9 years</td>
<td>44.7 years</td>
<td>37.7 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>10.9 years</td>
<td>5.1 years</td>
<td>8.6 years</td>
<td>9.5 years</td>
<td>14.0 years</td>
<td>1.4 years</td>
<td></td>
</tr>
</tbody>
</table>

---

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $11,583,470 $3,034,742 $12,596,444 $311,216 $378,779 $60,244,878 $67,520
   b. Noncontributing Members 813,330 509,013 3,178,758 31,034 437,480 10,846,955 33,933
   c. Annuitants 7,000,040 1,597,087 6,748,311 99,744 262,804 60,708,559 0

2. Total Actuarial Accrued Liability $19,396,840 $5,140,842 $22,523,513 $441,994 $1,079,063 $131,800,392 $101,453


4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $2,707,610 $922,232 $3,142,963 ($146,650) ($29,302) $8,556,795 $27,551

5. Funded Ratio: (3) / (2) 86.0% 82.1% 86.0% 133.2% 102.7% 93.5% 72.8%

6. Annual Payroll $3,369,569 $1,936,233 $6,015,186 $247,754 $401,566 $29,005,258 $93,619

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>12.05%</td>
<td>6.21%</td>
<td>9.09%</td>
<td>3.61%</td>
<td>4.19%</td>
<td>1.64%</td>
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</tr>
<tr>
<td>Prior Service</td>
<td>5.02%</td>
<td>3.22%</td>
<td>3.27%</td>
<td>-0.61%</td>
<td>-0.46%</td>
<td>2.25%</td>
<td>N/A</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>17.07%</td>
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<td>12.36%</td>
<td>0.00%</td>
<td>3.73%</td>
<td>10.43%</td>
<td>3.89%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.27%</td>
<td>0.28%</td>
<td>0.21%</td>
<td>0.38%</td>
<td>0.22%</td>
<td>0.19%</td>
<td>0.17%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>17.34%</td>
<td>9.71%</td>
<td>12.57%</td>
<td>0.38%</td>
<td>3.59%</td>
<td>10.62%</td>
<td>4.06%</td>
</tr>
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<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>11.50%</td>
<td>N/A</td>
<td>7.50%</td>
<td>7.50%</td>
<td>15.50%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2014</th>
<th>25.3 years</th>
<th>22.3 years</th>
<th>25.2 years</th>
<th>264 years</th>
<th>24.9 years</th>
<th>20.9 years</th>
<th>18.5 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
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<td>27</td>
<td>5</td>
<td>56</td>
<td>2</td>
<td>3</td>
<td>403</td>
</tr>
<tr>
<td>Number of active contributing members</td>
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<td>44</td>
<td>139</td>
<td>6</td>
<td>11</td>
<td>615</td>
<td>3</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>14</td>
<td>18</td>
<td>91</td>
<td>5</td>
<td>14</td>
<td>229</td>
<td>1</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>45.8 years</td>
<td>47.9 years</td>
<td>43.0 years</td>
<td>46.8 years</td>
<td>49.0 years</td>
<td>43.3 years</td>
<td>52.0 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>12.6 years</td>
<td>11.2 years</td>
<td>10.0 years</td>
<td>9.7 years</td>
<td>10.0 years</td>
<td>10.2 years</td>
<td>13.4 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
- **Contributing Members**: $422,049, $79,051, $1,607,491, $28,646, $9,385, $243,686,048, $865,363
- **Noncontributing Members**: $304,887, $166,297, $219,431, $42,881, $2,985, $40,788,635, $373,309
- **Annuitants**: $92,584, $74,132, $365,827, $8,535, $11,899, $265,319,567, $182,927

#### 2. Total Actuarial Accrued Liability: $819,520, $319,480, $2,192,749, $80,062, $24,269, $549,794,250, $1,421,599

#### 3. Actuarial value of assets: $797,723, $410,775, $2,582,791, $107,884, $15,363, $452,961,401, $1,218,941

#### 4. Unfunded/(overfunded) actuarial accrued liability: ($21,797, ($91,295), ($390,042), ($27,822), $8,906, $96,832,849, $202,658

#### 5. Funded Ratio: 97.3%, 128.6%, 117.8%, 134.8%, 63.3%, 82.4%, 85.7%

#### 6. Annual Payroll: $533,921, $231,170, $1,590,198, $234,070, $87,798, $88,288,547, $970,599

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost: 4.84%, 4.20%, 2.65%, 1.16%, 1.28%, 12.13%, 6.21%
- Prior Service: 0.25%, -2.49%, -1.54%, -0.75%, 0.79%, 6.89%, 1.45%
- Total Retirement: 5.09%, 1.71%, 1.11%, 0.41%, 2.07%, 19.02%, 7.66%

- Supplemental Death: 0.21%
- Total Rate: 5.30%, 1.71%, 1.11%, 0.41%, 2.07%, 19.02%, 7.85%

- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A
- Statutory Maximum Rate (Total Retirement Only): 10.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 26.2 years, 24.9 years, 25.1 years, 24.9 years, 18.0 years, 25.1 years, 21.4 years
- Number of annuitants: 5, 3, 10, 1, 3, 1, 4
- Number of active contributing members: 16, 7, 47, 7, 3, 1713, 21
- Number of inactive members: 17, 7, 30, 32, 2, 531, 23
- Average age of contributing members: 46.1 years, 42.8 years, 40.7 years, 43.9 years, 47.0 years, 43.4 years, 48.6 years
- Average length of service of contributing members: 6.9 years, 4.0 years, 10.0 years, 1.6 years, 2.1 years, 11.1 years, 9.6 years
<table>
<thead>
<tr>
<th>CITY</th>
<th>Malakoff Manor</th>
<th>Mansfield</th>
<th>Manvel</th>
<th>Marble Falls</th>
<th>Marfa</th>
<th>Marion</th>
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<tbody>
<tr>
<td>Actuarial Valuation of Participating Municipalities</td>
<td></td>
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<tr>
<td><strong>SUMMARY OF ACTUARIAL INFORMATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$861,171</td>
<td>$836,205</td>
<td>$69,467,205</td>
<td>$662,803</td>
<td>$8,486,345</td>
<td>$531,808</td>
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<td>$199,836</td>
<td>$213,459</td>
<td>$5,705,156</td>
<td>$93,409</td>
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<td>$274,041</td>
<td>$119,678</td>
<td>$21,397,528</td>
<td>$126,719</td>
<td>$4,617,976</td>
<td>$1,138,884</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$1,335,048</td>
<td>$1,169,342</td>
<td>$96,569,889</td>
<td>$882,931</td>
<td>$14,380,734</td>
<td>$1,805,594</td>
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<td>3. Actuarial value of assets</td>
<td>$1,268,656</td>
<td>$1,310,569</td>
<td>$82,380,703</td>
<td>$934,977</td>
<td>$15,140,510</td>
<td>$2,383,732</td>
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<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$66,392</td>
<td>($141,227)</td>
<td>$14,189,186</td>
<td>($52,046)</td>
<td>($759,776)</td>
<td>($578,138)</td>
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<td>5. Funded Ratio: (3) / (2)</td>
<td>95.0%</td>
<td>112.1%</td>
<td>85.3%</td>
<td>105.9%</td>
<td>105.3%</td>
<td>132.0%</td>
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<td>6. Annual Payroll</td>
<td>$829,360</td>
<td>$1,437,093</td>
<td>$27,638,957</td>
<td>$1,147,691</td>
<td>$5,448,659</td>
<td>$840,628</td>
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<th>Mason</th>
<th>Matador</th>
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</thead>
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<tr>
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<tr>
<td><strong>SUMMARY OF ACTUARIAL INFORMATION</strong></td>
<td></td>
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<td></td>
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</tr>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$994,091</td>
<td>$21,186,275</td>
<td>$171,501</td>
<td>$65,682</td>
<td>$1,453,790</td>
<td>$128,781</td>
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<td>$630,495</td>
<td>$3,254,046</td>
<td>$486,113</td>
<td>$21,232</td>
<td>$148,458</td>
<td>$0</td>
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<td>$2,948,657</td>
<td>$22,274,508</td>
<td>$221,581</td>
<td>$0</td>
<td>$575,979</td>
<td>$0</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$4,573,243</td>
<td>$46,714,829</td>
<td>$879,195</td>
<td>$86,914</td>
<td>$2,178,227</td>
<td>$128,781</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>$3,840,731</td>
<td>$39,251,848</td>
<td>$1,125,979</td>
<td>$35,758</td>
<td>$2,015,774</td>
<td>$97,035</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$732,512</td>
<td>$7,462,981</td>
<td>($246,784)</td>
<td>$51,156</td>
<td>$162,453</td>
<td>$31,746</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>84.0%</td>
<td>84.0%</td>
<td>128.1%</td>
<td>41.1%</td>
<td>92.5%</td>
<td>75.3%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$1,850,245</td>
<td>$8,227,850</td>
<td>$461,939</td>
<td>$187,295</td>
<td>$1,010,642</td>
<td>$139,670</td>
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**CITY CONTRIBUTION RATES FOR 2014**

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<tr>
<th>CITY</th>
<th>Malakoff Manor</th>
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<th>Marfa</th>
<th>Marion</th>
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</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>Normal Cost 2.96%</td>
<td>2.73%</td>
<td>11.62%</td>
<td>2.76%</td>
<td>5.46%</td>
<td>4.64%</td>
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<tr>
<td></td>
<td>Prior Service 0.51%</td>
<td>-0.62%</td>
<td>3.22%</td>
<td>-0.29%</td>
<td>-0.88%</td>
<td>-4.33%</td>
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<tr>
<td></td>
<td>Total Retirement 3.47%</td>
<td>2.11%</td>
<td>14.84%</td>
<td>2.47%</td>
<td>4.58%</td>
<td>0.31%</td>
</tr>
<tr>
<td>Supplemental Death 0.21%</td>
<td>0.10%</td>
<td>0.14%</td>
<td>0.16%</td>
<td>0.17%</td>
<td>0.39%</td>
<td>0.36%</td>
</tr>
<tr>
<td></td>
<td>Total Rate 3.68%</td>
<td>2.21%</td>
<td>14.98%</td>
<td>2.63%</td>
<td>4.75%</td>
<td>0.70%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>14.63%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>13.50%</td>
<td>N/A</td>
<td>9.50%</td>
<td>11.50%</td>
<td>13.50%</td>
<td>11.50%</td>
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**ADDITIONAL INFORMATION**

<table>
<thead>
<tr>
<th>CITY</th>
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<th>Mansfield</th>
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<th>Marble Falls</th>
<th>Marfa</th>
<th>Marion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>7</td>
<td>3</td>
<td>115</td>
<td>6</td>
<td>55</td>
<td>19</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>22</td>
<td>35</td>
<td>470</td>
<td>26</td>
<td>105</td>
<td>22</td>
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<tr>
<td>Number of inactive members</td>
<td>10</td>
<td>26</td>
<td>133</td>
<td>21</td>
<td>53</td>
<td>20</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>47.0 years</td>
<td>37.9 years</td>
<td>41.4 years</td>
<td>41.6 years</td>
<td>43.0 years</td>
<td>46.3 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>10.1 years</td>
<td>5.8 years</td>
<td>10.4 years</td>
<td>8.1 years</td>
<td>10.1 years</td>
<td>5.2 years</td>
</tr>
</tbody>
</table>

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</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>Normal Cost 4.55%</td>
<td>11.59%</td>
<td>4.14%</td>
<td>3.59%</td>
<td>5.61%</td>
<td>3.11%</td>
</tr>
<tr>
<td></td>
<td>Prior Service 2.46%</td>
<td>5.68%</td>
<td>-3.36%</td>
<td>3.33%</td>
<td>1.04%</td>
<td>1.63%</td>
</tr>
<tr>
<td></td>
<td>Total Retirement 7.01%</td>
<td>17.27%</td>
<td>0.78%</td>
<td>6.92%</td>
<td>6.65%</td>
<td>4.74%</td>
</tr>
<tr>
<td>Supplemental Death 0.24%</td>
<td>0.24%</td>
<td>0.16%</td>
<td>0.16%</td>
<td>0.21%</td>
<td>0.27%</td>
<td>0.18%</td>
</tr>
<tr>
<td></td>
<td>Total Rate 7.25%</td>
<td>17.51%</td>
<td>0.94%</td>
<td>7.08%</td>
<td>6.86%</td>
<td>5.01%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>11.50%</td>
<td>N/A</td>
<td>9.50%</td>
<td>N/A</td>
<td>9.50%</td>
<td>N/A</td>
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</table>

**ADDITIONAL INFORMATION**

<table>
<thead>
<tr>
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<th>Marfa</th>
<th>Marion</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>45</td>
<td>150</td>
<td>5</td>
<td>0</td>
<td>10</td>
<td>0</td>
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<tr>
<td>Number of active contributing members</td>
<td>59</td>
<td>191</td>
<td>11</td>
<td>5</td>
<td>31</td>
<td>4</td>
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<tr>
<td>Number of inactive members</td>
<td>81</td>
<td>53</td>
<td>35</td>
<td>2</td>
<td>10</td>
<td>0</td>
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<tr>
<td>Average age of contributing members</td>
<td>38.7 years</td>
<td>44.8 years</td>
<td>35.7 years</td>
<td>51.3 years</td>
<td>46.4 years</td>
<td>38.3 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>5.7 years</td>
<td>10.9 years</td>
<td>4.2 years</td>
<td>4.3 years</td>
<td>5.3 years</td>
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</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $77,363 $113,935,970 $673,266 $2,383,538 $116,113,489 $122,498 $184,838
   b. Noncontributing Members
   c. Annuitants 35,431 47,545,364 441,960 1,680,230 33,845,766 4,458 0
2. Total Actuarial Accrued Liability $162,513 $175,375,668 $1,133,416 $5,146,543 $169,233,811 $275,279 $221,960
3. Actuarial value of assets 156,453 174,613,086 1,290,991 4,388,384 134,332,842 252,782 266,883
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $6,060 $762,582 ($157,575) $758,159 $34,900,969 $22,497 ($44,923)
5. Funded Ratio: (3) / (2) 96.3% 99.6% 113.9% 85.3% 79.4% 91.8% 120.2%
6. Annual Payroll $192,728 $60,944,894 $283,035 $1,959,369 $51,196,918 $203,109 $441,926

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 0.56% 6.24% 5.47% 8.54% 11.22% 1.71% 1.77%
- Prior Service 0.33% 0.40% -3.50% 2.77% 4.27% 0.83% 0.64%
- Total Retirement 0.89% 6.64% 1.97% 11.31% 15.49% 2.54% 1.13%
- Supplemental Death 0.19% 0.00% 0.24% 0.26% 0.13% 0.18% 0.12%
- Total Rate 1.08% 6.64% 2.21% 11.57% 15.62% 2.72% 1.25%

**Statutory Maximum Rate**
- Total Retirement Only 7.50% 13.50% 9.50% 12.50% 15.50% N/A N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 12.1 years 3.4 years 25.1 years 20.4 years 25.2 years 19.0 years 25.0 years
- Number of annuitants: 1 358 8 26 179 1 0
- Number of active contributing members: 7 1,468 7 45 793 6 11
- Number of inactive members: 5 284 7 48 234 5 12
- Average age of contributing members: 46.9 years 41.3 years 42.9 years 42.2 years 42.0 years 50.2 years 38.9 years
- Average length of service of contributing members: 10.3 years 11.8 years 8.9 years 11.2 years 6.9 years 3.7 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $2,248,637 $1,469,243 $6,503,975 $1,117,468 $776,907 $10,718,645 $368,777
   b. Noncontributing Members
   c. Annuitants 856,530 184,886 98,666 36,704 793 5,768
2. Total Actuarial Accrued Liability $4,761,617 $1,771,637 $12,997,016 $1,774,225 $1,401,643 $15,699,954 $384,298
3. Actuarial value of assets 4,824,859 1,528,406 11,008,051 1,756,763 1,497,899 10,280,768 488,394
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($63,242) $243,231 $1,988,965 $17,462 ($96,256) $5,419,186 ($104,096)
5. Funded Ratio: (3) / (2) 101.3% 86.3% 84.7% 99.0% 106.9% 65.5% 127.1%
6. Annual Payroll $1,352,934 $1,739,712 $2,899,797 $551,581 $289,892 $4,158,194 $318,106

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 7.16% 3.42% 5.41% 7.29% 8.48% 11.83% 5.08%
- Prior Service 0.06% 0.98% 4.32% 0.21% -2.09% 8.16% -2.06%
- Total Retirement 7.22% 4.40% 9.73% 7.50% 6.39% 19.99% 3.02%
- Supplemental Death 0.17% 0.16% 0.21% 0.32% 0.00% 0.17% 0.13%
- Total Rate 7.39% 4.56% 9.94% 7.82% 6.39% 20.16% 3.15%

**Statutory Maximum Rate**
- Total Retirement Only 13.50% N/A N/A N/A N/A N/A 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 36.5 years 21.1 years 25.0 years 229 years 25.0 years 25.2 years 25.0 years
- Number of annuitants: 9 4 26 8 4 37 1
- Number of active contributing members: 24 40 38 21 9 107 9
- Number of inactive members: 26 14 4 7 1 43 2
- Average age of contributing members: 26.8 years 41.8 years 47.7 years 47.4 years 43.1 years 42.5 years 8.2 years
- Average length of service of contributing members: 11.5 years 8.2 years 17.2 years 11.2 years 10.2 years 8.2 years
### SUMMARY OF ACTUARIAL INFORMATION

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<th>Merkel</th>
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<th>Mesquite</th>
<th>Midland</th>
<th>Midlothian</th>
<th>Miles</th>
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<td>Actuarial Accrued Liability</td>
<td>$386,855</td>
<td>$26,660</td>
<td>$1,366,616</td>
<td>$376,654</td>
<td>$359,173,182</td>
<td>$328,874,117</td>
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<tr>
<td>a. Contributing Members</td>
<td>$1,366,616</td>
<td>$373,173,182</td>
<td>$359,173,182</td>
<td>$376,654</td>
<td>$1,366,616</td>
<td>$328,874,117</td>
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<tr>
<td>b. Noncontributing Members</td>
<td>$1,366,616</td>
<td>$376,654</td>
<td>$359,173,182</td>
<td>$376,654</td>
<td>$1,366,616</td>
<td>$328,874,117</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>$1,366,616</td>
<td>$376,654</td>
<td>$359,173,182</td>
<td>$376,654</td>
<td>$1,366,616</td>
<td>$328,874,117</td>
</tr>
<tr>
<td>Total Actuarial Accrued Liability</td>
<td>$1,366,616</td>
<td>$376,654</td>
<td>$359,173,182</td>
<td>$376,654</td>
<td>$1,366,616</td>
<td>$328,874,117</td>
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<tr>
<td>Actuarial value of assets</td>
<td>$911,513</td>
<td>$156,156</td>
<td>$343,955,532</td>
<td>$10,231,448</td>
<td>$222,453,117</td>
<td>$22,264,661</td>
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<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$(415,103)</td>
<td>$(210,898)</td>
<td>$15,421,786</td>
<td>$(1,670,749)</td>
<td>$(26,276,432)</td>
<td>$(5,345,264)</td>
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<td>Funded Ratio: (3) / (2)</td>
<td>68.7%</td>
<td>42.5%</td>
<td>95.7%</td>
<td>86.0%</td>
<td>89.4%</td>
<td>80.6%</td>
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### CITY CONTRIBUTION RATES FOR 2014

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<th>Morton</th>
<th>Mesquite</th>
<th>Midland</th>
<th>Midlothian</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>7.42%</td>
<td>2.47%</td>
<td>8.71%</td>
<td>9.20%</td>
<td>11.17%</td>
<td>0.98%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>5.94%</td>
<td>8.20%</td>
<td>1.90%</td>
<td>2.74%</td>
<td>4.43%</td>
<td>3.60%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>13.36%</td>
<td>10.67%</td>
<td>10.61%</td>
<td>11.94%</td>
<td>15.60%</td>
<td>8.00%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.16%</td>
<td>0.20%</td>
<td>0.20%</td>
<td>0.20%</td>
<td>0.15%</td>
<td>0.10%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>13.52%</td>
<td>10.77%</td>
<td>10.61%</td>
<td>12.14%</td>
<td>15.79%</td>
<td>10.10%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Inc. Supplemental Death</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>7.5%</td>
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### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Metric</th>
<th>Merkel</th>
<th>Morton</th>
<th>Mesquite</th>
<th>Midland</th>
<th>Midlothian</th>
<th>Miles</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>24.6 years</td>
<td>23.4 years</td>
<td>16.6 years</td>
<td>25.5 years</td>
<td>25.0 years</td>
<td>100.0 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>6</td>
<td>2</td>
<td>582</td>
<td>39</td>
<td>504</td>
<td>3</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>13</td>
<td>4</td>
<td>1,042</td>
<td>102</td>
<td>704</td>
<td>173</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>7</td>
<td>4</td>
<td>250</td>
<td>77</td>
<td>72</td>
<td>5</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>42.3 years</td>
<td>38.3 years</td>
<td>42.9 years</td>
<td>42.3 years</td>
<td>41.7 years</td>
<td>41.8 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>4.7 years</td>
<td>38.3 years</td>
<td>42.9 years</td>
<td>42.3 years</td>
<td>41.7 years</td>
<td>41.8 years</td>
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</tbody>
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### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Metric</th>
<th>Milford</th>
<th>Mineral Wells</th>
<th>Mission</th>
<th>Missouri City</th>
<th>Monahans</th>
<th>Mont Belvieu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$516,594</td>
<td>$2,187,414</td>
<td>$11,987,944</td>
<td>$38,680,264</td>
<td>$27,869,843</td>
<td>$4,973,934</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>$30,333</td>
<td>$526,930</td>
<td>$2,474,666</td>
<td>$3,565,859</td>
<td>$7,600,361</td>
<td>$439,571</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>$77,326</td>
<td>$1,894,454</td>
<td>$10,445,832</td>
<td>$13,748,605</td>
<td>$37,568,071</td>
<td>$4,697,166</td>
</tr>
<tr>
<td>Total Actuarial Accrued Liability</td>
<td>$624,253</td>
<td>$4,608,798</td>
<td>$24,908,442</td>
<td>$55,994,728</td>
<td>$73,038,275</td>
<td>$10,110,671</td>
</tr>
<tr>
<td>Actuarial value of assets</td>
<td>$532,716</td>
<td>$5,191,296</td>
<td>$22,773,480</td>
<td>$52,370,908</td>
<td>$76,797,067</td>
<td>$8,780,016</td>
</tr>
<tr>
<td>Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$(91,537)</td>
<td>$(582,498)</td>
<td>$(2,134,962)</td>
<td>$(3,623,820)</td>
<td>$(3,758,792)</td>
<td>$1,330,655</td>
</tr>
<tr>
<td>Funded Ratio: (3) / (2)</td>
<td>85.3%</td>
<td>112.6%</td>
<td>91.4%</td>
<td>93.5%</td>
<td>105.1%</td>
<td>86.8%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$201,092</td>
<td>$1,796,794</td>
<td>$6,807,131</td>
<td>$24,550,195</td>
<td>$18,184,694</td>
<td>$2,666,033</td>
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</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>Milford</th>
<th>Mineral Wells</th>
<th>Mission</th>
<th>Missouri City</th>
<th>Monahans</th>
<th>Mont Belvieu</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>6.88%</td>
<td>5.52%</td>
<td>8.17%</td>
<td>6.86%</td>
<td>5.99%</td>
<td>7.01%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>2.87%</td>
<td>2.04%</td>
<td>1.98%</td>
<td>0.93%</td>
<td>-1.00%</td>
<td>3.15%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.75%</td>
<td>3.48%</td>
<td>10.15%</td>
<td>7.79%</td>
<td>4.98%</td>
<td>10.16%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.49%</td>
<td>0.24%</td>
<td>0.24%</td>
<td>0.13%</td>
<td>0.13%</td>
<td>0.24%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>10.24%</td>
<td>3.67%</td>
<td>10.39%</td>
<td>7.92%</td>
<td>5.06%</td>
<td>10.40%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Inc. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>11.50%</td>
<td>11.50%</td>
<td>12.50%</td>
<td>15.50%</td>
<td>11.50%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Metric</th>
<th>Milford</th>
<th>Mineral Wells</th>
<th>Mission</th>
<th>Missouri City</th>
<th>Monahans</th>
<th>Mont Belvieu</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>24.9 years</td>
<td>25.0 years</td>
<td>24.9 years</td>
<td>25.0 years</td>
<td>24.1 years</td>
<td>26.0 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>2</td>
<td>48</td>
<td>160</td>
<td>627</td>
<td>312</td>
<td>54</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>5</td>
<td>48</td>
<td>160</td>
<td>627</td>
<td>312</td>
<td>54</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>5</td>
<td>48</td>
<td>160</td>
<td>627</td>
<td>312</td>
<td>54</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>44.1 years</td>
<td>44.1 years</td>
<td>44.1 years</td>
<td>44.1 years</td>
<td>44.1 years</td>
<td>44.1 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>9.5 years</td>
<td>9.5 years</td>
<td>9.5 years</td>
<td>9.5 years</td>
<td>9.5 years</td>
<td>9.5 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
- a. Contributing Members $309,697 $687,857 $1,293,663 $547,504 $1,005,329 $731,893 $114,873
- b. Noncontributing Members 194,328 0 1,264,046 818,264 428,751 355,510 0
- c. Annuitants 101,531 0 797,097 700,453 362,717 697,551 0

**2. Total Actuarial Accrued Liability**
- $605,556 $687,857 $3,354,806 $2,066,221 $1,796,797 $1,784,954 $114,873

**3. Actuarial value of assets**
- 718,146 655,174 3,176,929 1,860,604 1,663,199 1,664,954 114,377

**4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
- ($112,590) $32,683 $177,877 $205,617 $133,598 $120,000 $496

**5. Funded Ratio: (3) / (2)**
- 118.6% 95.2% 94.7% 90.0% 92.6% 93.3% 99.6%

**6. Annual Payroll**
- $666,982 $381,772 $813,759 $822,764 $323,787 $376,324 $88,863

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 4.09% 3.06% 7.59% 6.80% 11.24% 4.94% 2.67%
- Prior Service -1.06% 0.66% 1.36% 1.54% 2.99% 2.42% 0.76%
- Total Retirement 3.03% 3.72% 8.95% 8.34% 13.83% 7.36% 3.43%

**Supplemental Death**
- 0.00% 0.39% 0.31% 0.24% 0.27% 0.16% 0.30%

**Total Rate**
- 3.03% 4.11% 9.26% 8.58% 14.10% 7.52% 3.73%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A N/A N/A N/A N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 13.50% N/A N/A 13.50% N/A N/A N/A

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**
- 25.1 years 18.3 years 25.5 years 25.9 years 25.1 years 18.7 years 0.8 years

**Number of annuitants**
- 4 0 5 17 4 8 0

**Number of active contributing members**
- 14 10 15 23 8 13 2

**Number of inactive members**
- 18 0 9 20 5 6 0

**Average age of contributing members**
- 38.8 years 51.1 years 49.7 years 43.1 years 45.4 years 45.2 years 56.5 years

**Average length of service of contributing members**
- 6.7 years 17.1 years 13.8 years 6.4 years 15.2 years 11.3 years 15.8 years

---

### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
- a. Contributing Members $13,926,830 $1,121,091 $161,140 $3,393,001 $126,978 $7,037,325 $38,483,903
- b. Noncontributing Members 3,784,956 158,549 225,561 887,217 7,946 2,481,840 5,254,773
- c. Annuitants 7,183,981 1,686,699 867,830 2,718,880 76,557 8,743,711 63,699,723

**2. Total Actuarial Accrued Liability**
- $24,895,767 $2,448,339 $1,263,531 $6,999,098 $211,510 $11,934,471 $76,169,012

**3. Actuarial value of assets**
- 19,936,069 2,309,042 1,541,465 5,928,592 76,857 8,743,711 63,699,723

**4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
- $4,959,698 $1,139,297 $3,057,536 $1,070,506 $134,953 $3,190,760 $12,469,289

**5. Funded Ratio: (3) / (2)**
- 80.1% 94.3% 42.0% 84.7% 63.6% 73.3% 83.6%

**6. Annual Payroll**
- $5,979,743 $858,315 $444,912 $1,152,206 $317,489 $5,844,015 $14,892,161

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 11.39% 9.24% 4.35% 12.11% 0.57% 6.64% 9.81%
- Prior Service 5.22% 1.08% -3.93% 5.83% 2.82% 3.93% 5.24%
- Total Retirement 16.61% 10.32% 0.42% 17.94% 3.39% 10.57% 15.05%

**Supplemental Death**
- 0.19% 0.00% 0.00% 0.21% 0.21% 0.12% 0.17%

**Total Rate**
- 16.80% 10.32% 0.42% 18.15% 3.60% 10.69% 15.22%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- 16.27% N/A N/A 17.88% N/A N/A N/A

**Statutory Maximum Rate (Total Retirement Only)**
- N/A 13.50% N/A 13.50% N/A N/A N/A

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2014**
- 25.0 years 22.8 years 25.0 years 25.1 years 25.9 years 22.9 years 25.2 years

**Number of annuitants**
- 70 14 9 19 16 102 300

**Number of active contributing members**
- 139 22 13 34 9 102 300

**Number of inactive members**
- 68 12 4 19 4 109 109

**Average age of contributing members**
- 43.2 years 43.0 years 47.4 years 44.0 years 39.7 years 42.1 years 11.6 years

**Average length of service of contributing members**
- 6.7 years 7.3 years 3.5 years 10.5 years 9.9 years 10.9 years 11.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members: $188,903
   - Noncontributing Members: $17,551
   - Annuitants: $166,066

2. **Total Actuarial Accrued Liability**: $369,420

3. **Actuarial value of assets**: $442,186

4. **Unfunded/(overfunded) actuarial accrued liability**: $72,766

5. **Funded Ratio**: 119.7%

6. **Annual Payroll**: $376,612

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>2.81%</td>
<td>-1.22%</td>
<td>1.59%</td>
<td>0.30%</td>
<td>1.89%</td>
<td>N/A</td>
<td>9.50%</td>
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</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 24.9 years
- Number of annuitants: 4
- Number of active contributing members: 11
- Average age of contributing members: 49.2 years
- Average length of service of contributing members: 5.7 years
### Summary of Actuarial Information

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Contributing Members</th>
<th>Noncontributing Members</th>
<th>Annuitants</th>
<th>Total Actuarial Accrued Liability</th>
<th>Actuarial Value of Assets</th>
<th>Unfunded/(Overfunded) Actuarial Accrued Liability</th>
<th>Funded Ratio</th>
<th>Annual Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Waverly</td>
<td>$306,826</td>
<td>$2,211,393</td>
<td>$285,760</td>
<td>$479,665</td>
<td>$47,966</td>
<td>$100,163,778</td>
<td>N/A</td>
<td>$202,157</td>
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<tr>
<td>Newton</td>
<td>$166,112</td>
<td>2,560,255</td>
<td>225,752</td>
<td>$398,793</td>
<td>0</td>
<td>25,594</td>
<td>85.8%</td>
<td>70.3%</td>
</tr>
<tr>
<td>Nacogdo</td>
<td>104</td>
<td>21</td>
<td>10</td>
<td>26</td>
<td>5</td>
<td>390</td>
<td>82.2%</td>
<td>81.8%</td>
</tr>
<tr>
<td>Nocona</td>
<td>500,196</td>
<td>3,647,764</td>
<td>578,730</td>
<td>$1,427,690</td>
<td>6,339</td>
<td>157,413,007</td>
<td>106.2%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Nolanville</td>
<td>$1,745,867</td>
<td>$313,171</td>
<td>$41,627</td>
<td>$26,060,893</td>
<td>N/A</td>
<td>18.1%</td>
<td>12.57%</td>
<td>12.57%</td>
</tr>
<tr>
<td>North Richland Hills</td>
<td>94.0%</td>
<td>70.3%</td>
<td>106.2%</td>
<td>85.8%</td>
<td>82.2%</td>
<td>81.8%</td>
<td>85.8%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Odem</td>
<td>$47,966</td>
<td>0</td>
<td>122,739</td>
<td>18.1%</td>
<td>206,634</td>
<td>157,413,007</td>
<td>106.2%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Odessa</td>
<td>500,196</td>
<td>3,647,764</td>
<td>578,730</td>
<td>$1,427,690</td>
<td>6,339</td>
<td>157,413,007</td>
<td>106.2%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Oglesby</td>
<td>94.0%</td>
<td>70.3%</td>
<td>106.2%</td>
<td>85.8%</td>
<td>82.2%</td>
<td>81.8%</td>
<td>85.8%</td>
<td>85.8%</td>
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</tbody>
</table>

### City Contribution Rates for 2014

<table>
<thead>
<tr>
<th>Component</th>
<th>New Waverly</th>
<th>Newton</th>
<th>Nacogdo</th>
<th>Nocona</th>
<th>Nolanville</th>
<th>North Richland Hills</th>
<th>Odem</th>
<th>Odessa</th>
<th>Oglesby</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>3.86%</td>
<td>11.96%</td>
<td>1.37%</td>
<td>8.08%</td>
<td>0.23%</td>
<td>2.40%</td>
<td>12.57%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Prior Service</td>
<td>1.13%</td>
<td>9.92%</td>
<td>-0.40%</td>
<td>2.62%</td>
<td>0.80%</td>
<td>-0.55%</td>
<td>5.07%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Retirement</td>
<td>4.99%</td>
<td>21.96%</td>
<td>0.97%</td>
<td>10.70%</td>
<td>1.08%</td>
<td>1.85%</td>
<td>17.64%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.20%</td>
<td>0.28%</td>
<td>0.15%</td>
<td>0.22%</td>
<td>0.12%</td>
<td>0.15%</td>
<td>0.00%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total Rate</td>
<td>5.19%</td>
<td>22.31%</td>
<td>1.15%</td>
<td>10.92%</td>
<td>1.20%</td>
<td>2.00%</td>
<td>17.64%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution, Incl. Supplemental Death)</td>
<td>N/A</td>
<td>21.86%</td>
<td>N/A</td>
<td>10.57%</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>9.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</table>

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 23.1 years
- **Number of Annuitants**: 4
- **Number of Active Contributing Members**: 19
- **Number of Inactive Members**: 16
- **Average Age of Contributing Members**: 39.2 years
- **Average Length of Service of Contributing Members**: 8.2 years

---

### Summary of Actuarial Information

<table>
<thead>
<tr>
<th>Municipality</th>
<th>Contributing Members</th>
<th>Noncontributing Members</th>
<th>Annuitants</th>
<th>Total Actuarial Accrued Liability</th>
<th>Actuarial Value of Assets</th>
<th>Unfunded/(Overfunded) Actuarial Accrued Liability</th>
<th>Funded Ratio</th>
<th>Annual Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Northlake</td>
<td>$798,882</td>
<td>$45,302</td>
<td>$967,819</td>
<td>$3,937,909</td>
<td>$514,556</td>
<td>$171,357,677</td>
<td>106.2%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Odem</td>
<td>$1,066,627</td>
<td>$201,121</td>
<td>$1,203,940</td>
<td>$5,944,130</td>
<td>$902,143</td>
<td>$171,357,677</td>
<td>106.2%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Odessa</td>
<td>94.0%</td>
<td>70.3%</td>
<td>106.2%</td>
<td>85.8%</td>
<td>82.2%</td>
<td>81.8%</td>
<td>85.8%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Oglesby</td>
<td>$1,258,083</td>
<td>$40,299</td>
<td>$933,901</td>
<td>$1,194,878</td>
<td>$165,306</td>
<td>$96,060,937</td>
<td>104.0%</td>
<td>85.8%</td>
</tr>
<tr>
<td>Odessa</td>
<td>94.0%</td>
<td>70.3%</td>
<td>106.2%</td>
<td>85.8%</td>
<td>82.2%</td>
<td>81.8%</td>
<td>85.8%</td>
<td>85.8%</td>
</tr>
</tbody>
</table>

### City Contribution Rates for 2014

<table>
<thead>
<tr>
<th>Component</th>
<th>Northlake</th>
<th>Odem</th>
<th>Oglesby</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>5.57%</td>
<td>5.79%</td>
<td>5.79%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.79%</td>
<td>0.79%</td>
<td>0.79%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>6.36%</td>
<td>6.36%</td>
<td>6.36%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.09%</td>
<td>0.12%</td>
<td>0.12%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>6.45%</td>
<td>6.45%</td>
<td>6.45%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution, Incl. Supplemental Death)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 23.1 years
- **Number of Annuitants**: 4
- **Number of Active Contributing Members**: 19
- **Number of Inactive Members**: 16
- **Average Age of Contributing Members**: 39.2 years
- **Average Length of Service of Contributing Members**: 8.2 years
SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $13,015 $1,118,061 $570,393 $91,627 $91,080 $25,730,477 $212,052
   b. Noncontributing Members 4,328 949,396 75,560 22,344 56,028 3,888,996 4,497
   c. Annuitants 0 2,199,638 55,055 64,514 28,724 27,719,200 621,746
   2. Total Actuarial Accrued Liability $17,343 $4,266,895 $700,915 $178,375 $175,832 $57,347,673 $838,295
   3. Actuarial value of assets 40,882 4,840,996 577,433 112,728 225,160 48,669,401 1,001,749
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($23,539) ($574,101) $123,482 $65,647 ($49,328) $8,678,272 ($163,454)
   5. Funded Ratio: (3) / (2) 235.7% 113.5% 82.4% 63.2% 128.1% 84.9% 119.5%
   6. Annual Payroll $26,235 $1,604,269 $707,536 $180,646 $323,173 $8,029,348 $354,293

CITY CONTRIBUTION RATES FOR 2014

Retirement
   Normal Cost 2.26% 3.33% 2.80% 1.85% 1.09% 12.99% 4.44%
   Prior Service -2.26% -2.25% 1.17% 2.70% -0.96% 6.82% -2.90%
   Total Retirement 0.00% 1.08% 3.97% 4.55% 0.13% 19.81% 1.54%
   Supplemental Death 0.00% 0.00% 0.14% 0.21% 0.15% 0.00% 0.14%
   Total Rate 0.00% 1.08% 4.11% 4.76% 0.28% 19.81% 1.68%
   Phase-In Rate (Minimum Contribution), Inc. Supplemental Death N/A N/A N/A N/A N/A N/A N/A
   Statutory Maximum Rate (Total Retirement Only) 7.50% 11.30% N/A N/A 128.1% 84.9% 119.5%

Supplemental Death
   0.25% 0.24% 0.16% 0.17% 0.27% 0.19% 0.20%
   Total Rate 2.28% 1.06% 5.70% 8.97% 2.10% 17.11% 15.87%
   Phase-In Rate (Minimum Contribution), Inc. Supplemental Death N/A N/A N/A N/A N/A N/A 15.36%
   Statutory Maximum Rate (Total Retirement Only) 7.50% 11.30% 13.50% 13.50% N/A N/A N/A

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014 100.0 years 25.0 years 22.6 years 19.3 years 25.0 years 24.9 years 25.1 years
Number of annuitants 0 28 4 1 4 117 5
Number of active contributing members 1 35 22 6 8 154 10
Number of inactive members 2 41 17 1 16 51 3
Average age of contributing members 51.2 years 41.2 years 47.8 years 49.0 years 42.8 years 44.8 years 45.8 years
Average length of service of contributing members 6.6 years 8.4 years 6.9 years 4.4 years 12.9 years 6.6 years

SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $125,764 $324,915 $908,575 $1,044,527 $121,780 $2,690,124 $13,750,264
   b. Noncontributing Members 66,996 228,794 453,258 147,404 270,289 328,652 3,984,017
   c. Annuitants 72,655 268,204 377,709 716,257 768,974 1,194,091 19,256,793
   2. Total Actuarial Accrued Liability $265,415 $821,913 $1,739,542 $1,908,188 $1,161,043 $4,212,867 $36,991,074
   3. Actuarial value of assets 232,890 1,076,174 1,593,975 1,854,877 1,250,740 2,842,932 28,625,511
   4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $32,525 ($254,261) $145,567 $53,311 ($89,697) $1,369,935 $8,365,563
   5. Funded Ratio: (3) / (2) 87.7% 130.9% 91.6% 97.2% 107.7% 67.5% 77.4%
   6. Annual Payroll $321,670 $556,674 $942,293 $677,655 $319,752 $1,497,605 $7,667,108
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - c. Annuitants: 170,717, 11,906, 0, 17,720,715, 792,809, 547,253, 8,337,197

2. **Total Actuarial Accrued Liability**: $964,746, $225,593, $809,707, $35,118,669, $1,978,706, $1,484,789, $13,415,042

3. **Actuarial value of assets**: 954,201, 249,484, 536,085, 23,758,399, 1,780,764, 1,515,896, 10,384,861

4. **Unfunded/(overfunded) actuarial accrued liability**: ($2) - (3) $10,545, ($23,891), $273,622, $11,360,270, $197,942, ($31,107), $3,030,181

5. **Funded Ratio**: (3) / (2) 98.9%, 110.6%, 66.2%, 67.7%, 90.0%, 102.1%, 77.4%

6. **Annual Payroll**: $881,612, $766,523, $1,690,413, $6,428,644, $697,344, $540,304, $2,288,851

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost: 5.83%, 0.32%, 0.49%, 10.91%, 2.92%, 5.52%, 9.03%
- Prior Service: 0.07%, -0.20%, 1.10%, 10.89%, 1.76%, -0.36%, 8.30%
- Total Retirement: 5.90%, 0.12%, 1.59%, 21.80%, 4.68%, 0.25%, 17.33%

**Supplemental Death**
- 0.16%, 0.08%, 0.07%, 0.25%, 0.00%, 0.38%, 0.13%
- Total Rate: 6.06%, 0.20%, 1.66%, 22.05%, 4.68%, 0.38%, 17.46%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 11.50% (Minimum Contribution), 7.50%, 12.50%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 28.4 years, 24.2 years, 22.1 years, 25.9 years, 25.6 years, 25.3 years, 25.2 years
- **Number of annuitants**: 4, 1, 0, 127, 8, 7, 36
- **Number of active contributing members**: 22, 23, 40, 152, 16, 12, 44
- **Number of inactive members**: 19, 23, 15, 79, 12, 2, 78
- **Average age of contributing members**: 41.6 years, 34.6 years, 35.6 years, 41.3 years, 46.1 years, 55.9 years, 38.5 years
- **Average length of service of contributing members**: 4.8 years, 3.5 years, 6.2 years, 8.8 years, 10.8 years, 14.2 years, 6.7 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $22,111,888, $1,228,309, $157,330,889, $58,319,477, $2,042,911, $4,707,540, $8,284,226
   - b. Noncontributing Members: 4,698,253, 49,197, 14,607,698, 9,990,628, 755,893, 670,427, 1,605,050
   - c. Annuitants: 20,400,732, 1,112,703, 162,344,674, 16,712,666, 1,600,800, 1,051,306, 5,277,556

2. **Total Actuarial Accrued Liability**: $47,210,873, $2,390,209, $334,283,261, $85,022,771, $4,399,604, $9,757,507, $15,166,832

3. **Actuarial value of assets**: 47,511,401, 1,792,803, 315,127,856, 69,800,322, 4,233,114, 10,530,306, 13,211,145

5. **Funded Ratio**: (3) / (2) 100.6%, 75.0%, 94.3%, 82.1%, 96.2%, 108.1%, 87.1%

6. **Annual Payroll**: $11,834,060, $1,028,165, $52,557,129, $30,488,709, $1,801,532, $4,091,183, $3,043,144

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Prior Service: -0.16%, 4.34%, 2.30%, 0.88%, 0.38%, 1.22%, 4.03%
- Total Retirement: 6.49%, 10.26%, 14.19%, 13.08%, 3.80%, 4.03%, 14.68%

**Supplemental Death**
- 0.22%, 0.12%, 0.22%, 0.13%, 0.17%, 0.23%, 0.29%
- Total Rate: 6.71%, 10.38%, 14.41%, 13.21%, 3.97%, 5.25%, 14.88%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A

**Statutory Maximum Rate (Total Retirement Only)**
- N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.0 years, 20.5 years, 24.9 years, 25.3 years, 25.0 years, 25.2 years
- **Number of annuitants**: 175, 4, 656, 107, 18, 44, 30
- **Number of active contributing members**: 277, 18, 932, 548, 61, 102, 82
- **Number of inactive members**: 102, 9, 228, 215, 75, 74, 62
- **Average age of contributing members**: 43.4 years, 44.6 years, 43.9 years, 41.7 years, 41.3 years, 43.6 years, 41.3 years
- **Average length of service of contributing members**: 11.3 years, 9.6 years, 12.4 years, 9.3 years, 7.9 years, 8.0 years, 8.5 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Pflugerville</th>
<th>Pharr</th>
<th>Pilot Point</th>
<th>Plano</th>
<th>Plano</th>
<th>Plano Point Village</th>
<th>Pittsburg</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Actuarial Accrued Liability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$24,763,593</td>
<td>$33,390,237</td>
<td>$2,004,397</td>
<td>$1,344,493</td>
<td>$116,367</td>
<td>$3,100,848</td>
<td>$3,100,848</td>
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<tr>
<td>b. Noncontributing Members</td>
<td>4,189,919</td>
<td>3,851,612</td>
<td>8,304,473</td>
<td>2,057,775</td>
<td>241,310</td>
<td>94,334</td>
<td>208,438</td>
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<tr>
<td>c. Annuitants</td>
<td>6,220,331</td>
<td>16,475,538</td>
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<td>127,350</td>
<td>329,496</td>
<td>329,496</td>
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<td><strong>Total Actuarial Accrued Liability</strong></td>
<td>$35,173,843</td>
<td>$53,717,387</td>
<td>$4,332,619</td>
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<td>$326,478</td>
<td>$1,052,528</td>
<td>$1,052,528</td>
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<td><strong>Actuarial value of assets</strong></td>
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<td>$49,962,459</td>
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<td>$1,466,883</td>
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<td>$5,360,333</td>
<td>$5,360,333</td>
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<td><strong>Unfunded/(overfunded) actuarial accrued liability:</strong></td>
<td>$(8,378,929)</td>
<td>$(3,754,928)</td>
<td>$(1,098,351)</td>
<td>$(127,350)</td>
<td>$(2,821)</td>
<td>$(1,052,528)</td>
<td>$(1,052,528)</td>
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<td><strong>Funded Ratio:</strong></td>
<td>76.2%</td>
<td>93.0%</td>
<td>74.6%</td>
<td>92.0%</td>
<td>83.6%</td>
<td>76.2%</td>
<td>76.2%</td>
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<td><strong>Annual Payroll</strong></td>
<td>$13,805,896</td>
<td>$20,588,476</td>
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<td>$1,008,382</td>
<td>$358,891</td>
<td>$300,965</td>
<td>$1,250,829</td>
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### CITY CONTRIBUTION RATES FOR 2014

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<th></th>
<th>Retirement</th>
<th></th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Normal Cost</strong></td>
<td>9.25%</td>
<td>5.82%</td>
<td>13.05%</td>
<td>0.23%</td>
<td>13.18%</td>
<td>7.90%</td>
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<tr>
<td><strong>Prior Service</strong></td>
<td>3.80%</td>
<td>1.35%</td>
<td>6.97%</td>
<td>0.17%</td>
<td>7.14%</td>
<td>7.09%</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Total Retirement</strong></td>
<td>13.05%</td>
<td>7.12%</td>
<td>16.54%</td>
<td>0.28%</td>
<td>8.21%</td>
<td>12.27%</td>
<td>N/A</td>
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<tr>
<td><strong>Supplemental Death</strong></td>
<td>0.23%</td>
<td>0.40%</td>
<td>0.77%</td>
<td>0.26%</td>
<td>1.20%</td>
<td>16.49%</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>13.28%</td>
<td>7.52%</td>
<td>21.64%</td>
<td>1.01%</td>
<td>9.93%</td>
<td>16.49%</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</strong></td>
<td>12.91%</td>
<td>0.13%</td>
<td>13.18%</td>
<td>0.09%</td>
<td>9.97%</td>
<td>16.57%</td>
<td>N/A</td>
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<tr>
<td><strong>Statutory Maximum Rate (Total Retirement Only)</strong></td>
<td>12.50%</td>
<td>0.24%</td>
<td>12.74%</td>
<td>0.09%</td>
<td>9.50%</td>
<td>16.71%</td>
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### ADDITIONAL INFORMATION

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<th>Plano</th>
<th>Pleasanton</th>
<th>Point</th>
<th>Ponder</th>
<th>Port Aransas</th>
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</thead>
<tbody>
<tr>
<td><strong>GASB 25 Equivalent Single Amortization Period as of 1/2014</strong></td>
<td>25.2 years</td>
<td>24.9 years</td>
<td>25.1 years</td>
<td>25.3 years</td>
<td>24.9 years</td>
<td>24.3 years</td>
<td>24.8 years</td>
</tr>
<tr>
<td><strong>Number of annuitants</strong></td>
<td>38</td>
<td>141</td>
<td>10</td>
<td>22</td>
<td>5</td>
<td>31</td>
<td>26</td>
</tr>
<tr>
<td><strong>Number of active contributing members</strong></td>
<td>263</td>
<td>502</td>
<td>31</td>
<td>21</td>
<td>10</td>
<td>5</td>
<td>31</td>
</tr>
<tr>
<td><strong>Number of inactive members</strong></td>
<td>98</td>
<td>133</td>
<td>37</td>
<td>10</td>
<td>1</td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td><strong>Average age of contributing members</strong></td>
<td>43.8 years</td>
<td>45.2 years</td>
<td>44.3 years</td>
<td>42.6 years</td>
<td>50.5 years</td>
<td>47.7 years</td>
<td>9.1 years</td>
</tr>
<tr>
<td><strong>Average length of service of contributing members</strong></td>
<td>9.1 years</td>
<td>9.1 years</td>
<td>7.9 years</td>
<td>11.8 years</td>
<td>18.9 years</td>
<td>9.8 years</td>
<td>9.1 years</td>
</tr>
<tr>
<td>CITY CONTRIBUTION RATES FOR 2014</td>
<td>Retirement</td>
<td>Normal Cost</td>
<td>9.55%</td>
<td>4.48%</td>
<td>4.19%</td>
<td>10.35%</td>
<td>9.00%</td>
</tr>
<tr>
<td>----------------------------------</td>
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<td>--------</td>
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</tr>
<tr>
<td></td>
<td>Prior Service</td>
<td>5.16%</td>
<td>-0.55%</td>
<td>1.38%</td>
<td>1.79%</td>
<td>5.79%</td>
<td>3.59%</td>
</tr>
<tr>
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<td>Total Retirement</td>
<td>14.71%</td>
<td>4.33%</td>
<td>5.57%</td>
<td>12.14%</td>
<td>14.70%</td>
<td>8.77%</td>
</tr>
<tr>
<td></td>
<td>Supplemental Death</td>
<td>0.24%</td>
<td>0.38%</td>
<td>0.23%</td>
<td>0.00%</td>
<td>0.13%</td>
<td>0.46%</td>
</tr>
<tr>
<td></td>
<td>Total Rate</td>
<td>14.95%</td>
<td>4.51%</td>
<td>5.80%</td>
<td>12.14%</td>
<td>14.89%</td>
<td>9.23%</td>
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<tr>
<td></td>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>14.33%</td>
<td>N/A</td>
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<tr>
<td></td>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>9.30%</td>
<td>9.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>ADDITIONAL INFORMATION</strong></td>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>249 years</td>
<td>25.9 years</td>
<td>25.1 years</td>
<td>22.4 years</td>
<td>25.2 years</td>
<td>19.9 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>398</td>
<td>16</td>
<td>49</td>
<td>68</td>
<td>42</td>
<td>11</td>
<td>4</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>53</td>
<td>78</td>
<td>94</td>
<td>88</td>
<td>119</td>
<td>15</td>
<td>26</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>106</td>
<td>58</td>
<td>68</td>
<td>11</td>
<td>65</td>
<td>6</td>
<td>22</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>46.4 years</td>
<td>40.3 years</td>
<td>41.0 years</td>
<td>42.3 years</td>
<td>43.0 years</td>
<td>49.0 years</td>
<td>46.6 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>13.2 years</td>
<td>7.6 years</td>
<td>8.0 years</td>
<td>15.4 years</td>
<td>10.3 years</td>
<td>11.4 years</td>
<td>7.3 years</td>
</tr>
</tbody>
</table>

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   a. Contributing Members
      - Port Arthur: $71,599,789
      - Port Isabel: $2,282,029
      - Port Lavaca: $3,781,128
      - Port Neches: $18,158,109
      - Portland: $11,640,567
      - Post: $761,363
      - Poteet: $372,512

   b. Noncontributing Members
      - Port Arthur: $9,011,670
      - Port Isabel: 488,348
      - Port Lavaca: 1,427,168
      - Port Neches: 1,008,596
      - Portland: 3,634,693
      - Post: 3,006,077
      - Poteet: 262,375

   c. Annuitants
      - Port Arthur: $71,916,149
      - Port Isabel: $1,007,482
      - Port Lavaca: $3,610,553
      - Port Neches: $17,007,510
      - Portland: $4,359,871
      - Post: $439,851
      - Poteet: $230,025

2. **Total Actuarial Accrued Liability**
   - Port Arthur: $152,437,608
   - Port Isabel: $3,777,659
   - Port Lavaca: $8,818,849
   - Port Neches: $35,923,970
   - Portland: $17,498,897
   - Post: $1,336,016
   - Poteet: $864,912

3. **Actuarial value of assets**
   - Port Arthur: $128,662,039
   - Port Isabel: $3,834,693
   - Port Lavaca: $8,008,596
   - Port Neches: $34,468,077
   - Portland: $12,698,457
   - Post: $1,048,475
   - Poteet: $1,135,469

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
   - Port Arthur: ($23,775,569)
   - Port Isabel: ($57,034)
   - Port Lavaca: $810,253
   - Port Neches: $1,455,893
   - Portland: $4,800,291
   - Post: $287,541
   - Poteet: ($270,557)

5. **Funded Ratio: (3) / (2)**
   - Port Arthur: 84.4%
   - Port Isabel: 101.5%
   - Port Lavaca: 90.8%
   - Port Neches: 95.9%
   - Portland: 72.6%
   - Post: 78.5%
   - Poteet: 131.3%

6. **Annual Payroll**
   - Port Arthur: $29,081,085
   - Port Isabel: $2,341,485
   - Port Lavaca: $3,687,178
   - Port Neches: $5,481,191
   - Portland: $5,280,948
   - Post: $582,198
   - Poteet: $654,952

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**
  - Normal Cost: 9.55%
  - Prior Service: 5.16%
  - Total Retirement: 14.71%
  - Supplemental Death: 0.24%
  - Total Rate: 14.95%
- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
  - N/A
- **Statutory Maximum Rate (Total Retirement Only)**
  - N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - 249 years
  - 25.9 years
  - 25.1 years
  - 22.4 years
  - 25.2 years
  - 19.9 years
  - 25.0 years
- **Number of annuitants**
  - Port Arthur: 398
  - Port Isabel: 16
  - Port Lavaca: 49
  - Port Neches: 68
  - Portland: 42
  - Post: 11
  - Poteet: 4
- **Number of active contributing members**
  - Port Arthur: 531
  - Port Isabel: 78
  - Port Lavaca: 94
  - Port Neches: 88
  - Portland: 119
  - Post: 15
  - Poteet: 26
- **Number of inactive members**
  - Port Arthur: 106
  - Port Isabel: 58
  - Port Lavaca: 68
  - Port Neches: 11
  - Portland: 65
  - Post: 6
  - Poteet: 22
- **Average age of contributing members**
  - Port Arthur: 46.4 years
  - Port Isabel: 40.3 years
  - Port Lavaca: 41.0 years
  - Port Neches: 42.3 years
  - Portland: 49.0 years
  - Post: 43.0 years
  - Poteet: 46.6 years
- **Average length of service of contributing members**
  - Port Arthur: 13.2 years
  - Port Isabel: 7.6 years
  - Port Lavaca: 8.0 years
  - Port Neches: 15.4 years
  - Portland: 10.3 years
  - Post: 11.4 years
  - Poteet: 7.3 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $692,430 $1,184,372 $223,318 $70,752 $15,512 $109,241 $1,615,985
   b. Noncontributing Members 124,497 51,560 172,474 32,740 23,617 0 151,442
   c. Annuitants 68,062 1,359,456 0 99,025 0 36,603 1,192,172


3. Actuarial value of assets 988,808 2,302,925 459,604 209,222 41,245 127,500 2,911,764

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($103,819) $292,463 ($63,812) ($6,705) ($2,116) $18,344 $47,835

5. Funded Ratio: (3) / (2) 111.7% 88.7% 116.1% 103.3% 105.4% 87.4% 98.4%

6. Annual Payroll $268,798 $513,357 $430,678 $202,160 $102,103 $107,018 $794,090

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost 8.93% 9.03% 1.92% 2.10% 0.59% 3.07% 8.40%
- Prior Service -2.43% 3.56% -0.93% -0.21% -0.13% 1.24% 0.41%
- Total Retirement 6.50% 12.59% 0.99% 1.89% 0.46% 4.31% 8.81%
- Supplemental Death 0.41% 0.38% 0.19% 0.12% 0.07% 0.26% 0.18%
- Total Rate 6.91% 12.97% 1.18% 2.01% 0.53% 4.57% 8.99%

#### Statutory Maximum Rate (Total Retirement Only) 9.50% N/A 7.50% 7.50% N/A N/A 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014 25.0 years 25.3 years 25.1 years 24.8 years 25.1 years 20.1 years 22.0 years
- Number of annuitants 4 11 0 3 0 1 11
- Number of active contributing members 6 16 13 6 3 4 21
- Number of inactive members 2 2 19 13 2 0 7
- Average age of contributing members 62.0 years 50.9 years 46.1 years 36.1 years 37.6 years 55.8 years 44.8 years
- Average length of service of contributing members 17.4 years 14.6 years 5.3 years 3.6 years 2.3 years 9.6 years 10.4 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members:
     - Redwater: $57,485
     - Refugio: $484,471
     - Robstown: $306,765
     - Reno (Lamar County): $241,373
     - Reno (Parker County): $63,492
     - Rhome: $529,296
     - Rice: $48,382
   - Noncontributing Members:
     - Redwater: $72,154
     - Refugio: 2,495
     - Robstown: $1,078,079
     - Reno (Lamar County): $144,721
     - Reno (Parker County): $134,031
     - Rhome: $35,126
     - Rice: $138,959
   - Annuitants:
     - Redwater: 0
     - Refugio: 1,078,079
     - Robstown: 144,721
     - Reno (Lamar County): 41,189
     - Reno (Parker County): 2,463
     - Rhome: 57,105
     - Rice: 0

2. **Total Actuarial Accrued Liability**:
   - Redwater: $129,639
   - Refugio: $1,565,045
   - Robstown: $906,678
   - Reno (Lamar County): $416,593
   - Reno (Parker County): $101,081
   - Rhome: $725,360
   - Rice: $113,302

3. **Actuarial value of assets**:
   - Redwater: $110,545
   - Refugio: $1,951,607
   - Robstown: $700,672
   - Reno (Lamar County): $588,049
   - Reno (Parker County): $155,061
   - Rhome: $655,093
   - Rice: $147,283

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3)
   - Redwater: ($19,094)
   - Refugio: ($386,562)
   - Robstown: $206,006
   - Reno (Lamar County): ($171,456)
   - Reno (Parker County): ($53,980)
   - Rhome: $70,267
   - Rice: $33,981

5. **Funded Ratio**: (3) / (2)
   - Redwater: 85.3%
   - Refugio: 124.7%
   - Robstown: 77.3%
   - Reno (Lamar County): 141.2%
   - Reno (Parker County): 153.4%
   - Rhome: 90.3%
   - Rice: 130.0%

6. **Annual Payroll**
   - Redwater: $197,325
   - Refugio: $910,060
   - Robstown: $233,159
   - Reno (Lamar County): $445,915
   - Reno (Parker County): $370,249
   - Rhome: $587,943
   - Rice: $194,652

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost: 2.41% for Redwater, 1.20% for Refugio, etc.
- Prior Service: 0.74% for Redwater, 0.00% for Refugio, etc.
- Total Retirement: 3.15% for Redwater, 0.00% for Refugio, etc.

#### Supplemental Death
- Total Rate: 3.32% for Redwater, 0.00% for Refugio, etc.
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A for Redwater, 18.03% for Refugio, etc.
- Statutory Maximum Rate (Total Retirement Only): N/A for Redwater, 7.50% for Refugio, etc.

### ADDITIONAL INFORMATION
- GASB 25 Equivalent Single Amortization Period as of 1/2014: 18.5 years for Redwater, 100.0 years for Refugio, etc.
- Number of annuitants: 0 for Redwater, 19 for Refugio, etc.
- Number of active contributing members: 6 for Redwater, 29 for Refugio, etc.
- Number of inactive members: 4 for Redwater, 19 for Refugio, etc.
- Average age of contributing members: 49.9 years for Redwater, 42.6 years for Refugio, etc.
- Average length of service of contributing members: 3.1 years for Redwater, 7.0 years for Refugio, etc.
## SUMMARY OF ACTUARIAL INFORMATION

### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Contributing Members</th>
<th>Noncontributing Members</th>
<th>Annuitants</th>
<th>Total Actuarial Accrued Liability</th>
<th>Actuarial value of assets</th>
<th>Unfunded/(overfunded) actuarial accrued liability</th>
<th>Funded Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>$283,956</td>
<td>$45,760</td>
<td>$196,970</td>
<td>$5,266,666</td>
<td>$336,542</td>
<td>$190,144</td>
<td>63.9%</td>
</tr>
</tbody>
</table>

### 2. Total Actuarial Accrued Liability

| $11,906,661 | $611,625 | $3,560,304 | $21,103,497 | $370,859 | $12,727,482 | $732,079 |

### 3. Total Actuarial Accrued Liability

| Retirement | $5,928,917 | $84,719 | $2,125,601 | $12,171,655 | $369,113 | $39,154,963 | $407,828 |

### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)

| $2,723,408 | $654,545 | $2,077,511 | $17,585,134 | $383,441 | $45,252,432 | $584,285 |

### 5. Funded Ratio: (3) / (2)

| $77.1% | 107.0% | 75.2% | 83.3% | 103.4% | 78.0% | 79.8% |

### 6. Annual Payroll

| $243,257 | $168,599 | $2,339,339 | $7,167,163 | $121,525 | $2,610,437 | $4,582,331 |

## CITY CONTRIBUTION RATES FOR 2014

### Retirement

<table>
<thead>
<tr>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.81%</td>
<td>-0.99%</td>
<td>7.67%</td>
<td>0.22%</td>
<td>7.94%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Supplemental Death

| 0.27%        | 0.12%        | 0.22%            | 0.00%             | 0.00%      | N/A                                                         | N/A                                           |

### Total Rate

| 7.67%        | 0.00%        | 16.58%           | 0.28%             | 16.86%     | 12.45%                                                      | N/A                                           |

### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death

| 0.27%        | 0.12%        | 16.86%           | 0.28%             | 16.86%     | 12.45%                                                      | N/A                                           |

### Statutory Maximum Rate (Total Retirement Only)

| 0.27%        | 0.12%        | 16.86%           | 0.28%             | 16.86%     | 12.45%                                                      | N/A                                           |

## ADDITIONAL INFORMATION

### GASB 25 Equivalent Single Amortization Period as of 1/2014

| 25.0 years | 25.1 years | 25.1 years | 25.4 years | 25.0 years | 25.0 years | 25.0 years |

### Number of annuitants

| 34         | 50         | 25         | 44         | 116        | 3         | 43         |

### Number of active contributing members

| 25.0 years | 25.1 years | 25.1 years | 25.4 years | 25.0 years | 25.0 years | 25.0 years |

### Average age of contributing members

| 9.4 years  | 9.2 years  | 9.8 years  | 11.1 years | 9.4 years  | 9.2 years  | 9.0 years  |

### Average length of service of contributing members

| 9.4 years  | 9.2 years  | 9.8 years  | 11.1 years | 9.4 years  | 9.2 years  | 9.0 years  |

## SUMMARY OF ACTUARIAL INFORMATION

### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Contributing Members</th>
<th>Noncontributing Members</th>
<th>Annuitants</th>
<th>Total Actuarial Accrued Liability</th>
<th>Actuarial value of assets</th>
<th>Unfunded/(overfunded) actuarial accrued liability</th>
<th>Funded Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>$5,928,917</td>
<td>$84,719</td>
<td>$2,125,601</td>
<td>$12,171,655</td>
<td>$369,113</td>
<td>$12,727,482</td>
<td>77.1%</td>
</tr>
</tbody>
</table>

### 2. Total Actuarial Accrued Liability

| $11,906,661 | $611,625 | $3,560,304 | $21,103,497 | $370,859 | $12,727,482 | $732,079 |

### 3. Total Actuarial Accrued Liability

| $5,928,917 | $84,719 | $2,125,601 | $12,171,655 | $369,113 | $39,154,963 | $407,828 |

### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)

| $2,723,408 | $654,545 | $2,077,511 | $17,585,134 | $383,441 | $45,252,432 | $584,285 |

### 5. Funded Ratio: (3) / (2)

| $77.1% | 107.0% | 75.2% | 83.3% | 103.4% | 78.0% | 79.8% |

### 6. Annual Payroll

| $2,195,000 | $82,779 | $1,619,181 | $4,707,537 | $172,415 | $15,891,158 | $323,524 |

## CITY CONTRIBUTION RATES FOR 2014

### Retirement

<table>
<thead>
<tr>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.28%</td>
<td>7.79%</td>
<td>17.07%</td>
<td>0.21%</td>
<td>17.28%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### Supplemental Death

| 0.21%        | 0.44%        | 0.24%            | 0.00%             | 0.00%      | N/A                                                         | N/A                                           |

### Total Rate

| 17.28%        | 1.21%        | 10.35%           | 1.86%             | 16.16%     | 5.35%                                                      | N/A                                           |

### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death

| 0.21%        | 0.44%        | 0.24%            | 0.00%             | 0.00%      | N/A                                                         | N/A                                           |

### Statutory Maximum Rate (Total Retirement Only)

| 0.21%        | 0.44%        | 0.24%            | 0.00%             | 0.00%      | N/A                                                         | N/A                                           |

## ADDITIONAL INFORMATION

### GASB 25 Equivalent Single Amortization Period as of 1/2014

| 25.0 years | 25.1 years | 25.1 years | 25.4 years | 25.0 years | 25.0 years | 25.0 years |

### Number of annuitants

| 34         | 50         | 25         | 44         | 116        | 3         | 43         |

### Number of active contributing members

| 25.0 years | 25.1 years | 25.1 years | 25.4 years | 25.0 years | 25.0 years | 25.0 years |

### Average age of contributing members

| 9.4 years  | 9.2 years  | 9.8 years  | 11.1 years | 9.4 years  | 9.2 years  | 9.0 years  |

### Average length of service of contributing members

| 9.4 years  | 9.2 years  | 9.8 years  | 11.1 years | 9.4 years  | 9.2 years  | 9.0 years  |
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $424,378 $6,409,928 $259,405 $39,023 $25,469,080 $225,920 $108,888,620
   b. Noncontributing Members 476,715 676,247 36,879 34,699 7,238,897 21,376 11,596,085
   c. Annuitants 385,203 1,274,070 11,159 34,289 17,073,209 27,840 42,855,500

2. Total Actuarial Accrued Liability $1,286,296 $8,360,245 $307,443 $108,011 $49,781,186 $275,136 $163,340,205

3. Actuarial value of assets 1,302,567 6,812,580 323,089 125,388 39,998,981 378,909 131,506,866

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($16,271) $1,547,665 ($15,646) ($17,377) $9,782,205 ($103,773) $31,833,339

5. Funded Ratio: (3) / (2) 101.3% 81.5% 105.1% 116.1% 80.3% 137.7% 80.5%

### CITY CONTRIBUTION RATES FOR 2014

Rollingwood Roma Roscoe Rosenberg Rotan Round Rock

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rollett</td>
<td>5.02%</td>
<td>-0.18%</td>
<td>4.84%</td>
<td>0.12%</td>
<td>5.01%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Royse City</td>
<td>8.32%</td>
<td>2.88%</td>
<td>11.30%</td>
<td>0.28%</td>
<td>11.43%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Rule</td>
<td>2.75%</td>
<td>-0.36%</td>
<td>2.39%</td>
<td>0.38%</td>
<td>2.67%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Runaway Bay</td>
<td>0.93%</td>
<td>-0.37%</td>
<td>0.56%</td>
<td>0.14%</td>
<td>0.74%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Runge</td>
<td>9.51%</td>
<td>5.38%</td>
<td>14.89%</td>
<td>0.12%</td>
<td>15.08%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Rusk</td>
<td>1.00%</td>
<td>-1.00%</td>
<td>0.00%</td>
<td>16.04%</td>
<td>0.24%</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014 25.8 years 24.9 years 24.8 years 25.0 years 25.2 years 100.0 years 25.1 years

Number of annuitants 5 24 1 3 106 2 187

Number of active contributing members 13 120 5 11 212 5 790

Number of inactive members 13 38 3 13 123 4 232

Average age of contributing members 41.0 years 44.8 years 55.9 years 42.9 years 40.6 years 42.9 years 41.8 years

Average length of service of contributing members 6.6 years 10.2 years 15.3 years 2.4 years 11.3 years 12.6 years 10.6 years

### SUMMARY OF ACTUARIAL INFORMATION

Rowlett Royse City Rule Runaway Bay Runge Rusk Sabinal

<table>
<thead>
<tr>
<th>Contributing Members</th>
<th>$6,409,928</th>
<th>$259,405</th>
<th>$39,023</th>
<th>$25,469,080</th>
<th>$225,920</th>
<th>$108,888,620</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noncontributing Members</td>
<td>$2,490,742</td>
<td>$42,311</td>
<td>$85,117</td>
<td>$56,658</td>
<td>$136,106</td>
<td>$26,764</td>
</tr>
<tr>
<td>Annuitants</td>
<td>$1,064,938</td>
<td>$324,740</td>
<td>$324,374</td>
<td>$314,160</td>
<td>$331,151</td>
<td>$443,976</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Actuarial Accrued Liability</th>
<th>$8,408,558</th>
<th>$307,169</th>
<th>$411,265</th>
<th>$417,147</th>
<th>$2,588,065</th>
<th>$767,639</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial value of assets</td>
<td>$4,993,884</td>
<td>$207,169</td>
<td>$341,265</td>
<td>$275,822</td>
<td>$2,456,944</td>
<td>$803,989</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</th>
<th>($118,882)</th>
<th>127.9%</th>
<th>66.1%</th>
<th>104.7%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Funded Ratio: (3) / (2)</td>
<td>89.0%</td>
<td>7.34%</td>
<td>9.00%</td>
<td>8.34%</td>
</tr>
</tbody>
</table>

| Annual Payroll | $10,237,680 | $76,515 | $523,652 | $98,667 | $1,397,068 | $424,059 |

### CITY CONTRIBUTION RATES FOR 2014

Retirement

<table>
<thead>
<tr>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roswell</td>
<td>10.51%</td>
<td>2.92%</td>
<td>13.45%</td>
<td>0.06%</td>
<td>13.43%</td>
<td>N/A</td>
</tr>
<tr>
<td>Royse City</td>
<td>6.42%</td>
<td>3.99%</td>
<td>10.41%</td>
<td>0.24%</td>
<td>10.65%</td>
<td>N/A</td>
</tr>
<tr>
<td>Rule</td>
<td>7.32%</td>
<td>0.02%</td>
<td>7.34%</td>
<td>0.29%</td>
<td>7.63%</td>
<td>N/A</td>
</tr>
<tr>
<td>Runaway Bay</td>
<td>2.28%</td>
<td>-3.38%</td>
<td>10.90%</td>
<td>0.41%</td>
<td>10.91%</td>
<td>N/A</td>
</tr>
<tr>
<td>Runge</td>
<td>8.90%</td>
<td>9.40%</td>
<td>18.30%</td>
<td>0.16%</td>
<td>18.46%</td>
<td>N/A</td>
</tr>
<tr>
<td>Rusk</td>
<td>5.309%</td>
<td>0.61%</td>
<td>5.91%</td>
<td>0.32%</td>
<td>5.92%</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
</table>

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014 25.2 years 21.3 years 17.3 years 25.0 years 23.4 years 25.0 years

Number of annuitants 122 13 0 3 1 15 6

Number of active contributing members 320 45 3 12 4 35 15

Number of inactive members 210 37 4 15 10 21 12

Average age of contributing members 42.9 years 41.9 years 53.5 years 49.0 years 50.0 years 44.6 years 46.5 years

Average length of service of contributing members 11.5 years 7.5 years 12.3 years 9.3 years 11.8 years 8.3 years 9.2 years
### Summary of Actuarial Information

#### 1. Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contributing Members</td>
<td>$10,950,012</td>
<td>$18,349,387</td>
<td>$53,405</td>
<td>$260,866</td>
<td>$77,806,394</td>
<td>$542,330,199</td>
<td>$85,742,389</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>3,980,976</td>
<td>1,101,092</td>
<td>60,627</td>
<td>12,003</td>
<td>9,866,495</td>
<td>100,762,002</td>
<td>9,889,165</td>
</tr>
<tr>
<td>Annuitants</td>
<td>3,259,649</td>
<td>5,795,994</td>
<td>421,493</td>
<td>82,052</td>
<td>94,449,279</td>
<td>547,247,032</td>
<td>61,029,686</td>
</tr>
</tbody>
</table>

#### 2. Total Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>$18,190,637</td>
<td>$25,246,473</td>
<td>$535,525</td>
<td>$354,921</td>
<td>$182,122,168</td>
<td>$1,190,339,233</td>
<td>$156,661,240</td>
<td></td>
</tr>
</tbody>
</table>

#### 3. Actuarial Value of Assets

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>$14,493,069</td>
<td>$16,388,265</td>
<td>$529,120</td>
<td>$316,847</td>
<td>$147,338,093</td>
<td>$1,091,705,730</td>
<td>$135,354,316</td>
<td></td>
</tr>
</tbody>
</table>

#### 4. Unfunded/(overfunded) Actuarial Accrued Liability

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>($2) - (3)</td>
<td>$3,697,568</td>
<td>$8,858,208</td>
<td>$6,405</td>
<td>$38,074</td>
<td>$34,784,075</td>
<td>$98,633,503</td>
<td>$21,306,924</td>
</tr>
</tbody>
</table>

#### 5. Funded Ratio

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>(3) / (2)</td>
<td>79.7%</td>
<td>64.9%</td>
<td>98.8%</td>
<td>89.3%</td>
<td>80.9%</td>
<td>91.7%</td>
<td>86.4%</td>
</tr>
</tbody>
</table>

#### 6. Annual Payroll

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td>$6,766,567</td>
<td>$7,341,597</td>
<td>$254,956</td>
<td>$302,447</td>
<td>$29,849,723</td>
<td>$282,868,914</td>
<td>$90,216,367</td>
</tr>
</tbody>
</table>

### City Contribution Rates for 2014

#### Retirement

<table>
<thead>
<tr>
<th>Category</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
<th>San Angelo</th>
<th>San Antonio</th>
<th>San Antonio Water System</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>8.35%</td>
<td>10.28%</td>
<td>3.15%</td>
<td>4.97%</td>
<td>10.99%</td>
<td>7.96%</td>
<td>2.62%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.42%</td>
<td>7.58%</td>
<td>0.16%</td>
<td>0.88%</td>
<td>0.00%</td>
<td>2.58%</td>
<td>1.48%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>11.77%</td>
<td>17.86%</td>
<td>3.31%</td>
<td>5.85%</td>
<td>10.99%</td>
<td>7.96%</td>
<td>4.10%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.15%</td>
<td>0.24%</td>
<td>0.25%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>11.92%</td>
<td>18.01%</td>
<td>3.55%</td>
<td>6.10%</td>
<td>10.99%</td>
<td>7.96%</td>
<td>4.10%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>17.41%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>N/A</td>
<td>13.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>5.50%</td>
</tr>
</tbody>
</table>

### Additional Information

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.2 years, 25.1 years, 24.5 years, 21.1 years, 25.1 years, 19.4 years, 25.2 years
- Number of annuitants: 32, 36, 6, 3, 507, 3,707, 911
- Number of active contributing members: 121, 140, 6, 8, 691, 6,091, 1,660
- Number of inactive members: 90, 49, 10, 3, 260, 2,002, 377
- Average age of contributing members: 42.9 years, 41.9 years, 35.5 years, 48.8 years, 43.2 years, 45.7 years, 45.9 years
- Average length of service of contributing members: 10.1 years, 11.7 years, 2.9 years, 7.4 years, 6.9 years, 10.9 years, 14.4 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members
     - Sansom Park: $224,034
     - Santa Fe: $5,943,573
     - San Antonio: $53,960
     - Schulenburg: $27,472,405
     - Seadrift: $5,350,101
     - Seabrook: $18,534,740
     - Seagoville: $310,723
   - Noncontributing Members
     - Sansom Park: $661,502
     - Santa Fe: $1,763,906
     - San Antonio: $38,953
     - Schulenburg: $4,049,970
     - Seadrift: $1,080,274
     - Seabrook: $1,133,048
     - Seagoville: $10,035
   - Annuitants
     - Sansom Park: $396,810
     - Santa Fe: $1,763,906
     - San Antonio: $38,953
     - Schulenburg: $4,355,904
     - Seadrift: $8,697,570
     - Seabrook: $71,775

2. **Total Actuarial Accrued Liability**
   - Sansom Park: $2,262,346
   - Santa Fe: $8,758,288
   - San Antonio: $173,281
   - Schulenburg: $10,766,279
   - Seadrift: $5,392,537

3. **Actuarial value of assets**
   - Sansom Park: $1,282,346
   - Santa Fe: $8,758,288
   - San Antonio: $173,281
   - Schulenburg: $10,766,279
   - Seadrift: $5,392,537

4. **Unfunded/(overfunded) actuarial accrued liability:**
   - (2) - (3)
     - Sansom Park: ($82,226)
     - Santa Fe: $2,544,456
     - San Antonio: ($63,123)
     - Schulenburg: $12,497,881
     - Seadrift: $2,049,234
     - Seabrook: $5,859,478
     - Seagoville: $105,417

5. **Funded Ratio:**
   - Sansom Park: 106.4%
   - Santa Fe: 70.9%
   - San Antonio: 136.4%
   - Schulenburg: 67.8%
   - Seadrift: 81.0%
   - Seabrook: 79.3%
   - Seagoville: 73.1%

6. **Annual Payroll**
   - Sansom Park: $1,156,377
   - Santa Fe: $2,997,482
   - San Antonio: $163,216
   - Schulenburg: $14,287,970
   - Seadrift: $1,638,342
   - Seabrook: $5,631,713
   - Seagoville: $361,442

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement

<table>
<thead>
<tr>
<th>Component</th>
<th>Sansom Park</th>
<th>Santa Fe</th>
<th>San Antonio</th>
<th>Schulenburg</th>
<th>Seadrift</th>
<th>Seabrook</th>
<th>Seagoville</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>4.16%</td>
<td>7.35%</td>
<td>2.35%</td>
<td>10.13%</td>
<td>13.17%</td>
<td>13.20%</td>
<td>2.16%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>-0.45%</td>
<td>5.34%</td>
<td>-2.35%</td>
<td>5.49%</td>
<td>7.89%</td>
<td>6.57%</td>
<td>2.12%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>3.71%</td>
<td>12.69%</td>
<td>0.00%</td>
<td>15.62%</td>
<td>21.06%</td>
<td>19.77%</td>
<td>4.28%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.13%</td>
<td>0.00%</td>
<td>0.28%</td>
<td>0.14%</td>
<td>0.20%</td>
<td>0.17%</td>
<td>0.15%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>3.84%</td>
<td>12.96%</td>
<td>0.28%</td>
<td>15.76%</td>
<td>21.26%</td>
<td>19.94%</td>
<td>4.43%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>11.50%</td>
<td>10.50%</td>
<td>11.30%</td>
<td>11.50%</td>
<td>11.50%</td>
<td>11.50%</td>
<td>11.50%</td>
</tr>
<tr>
<td>Statistical Maximum Rate (Total Retirement Only)</td>
<td>11.50%</td>
<td>N/A</td>
<td>10.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

#### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - Sansom Park: 24.8 years
  - Santa Fe: 25.0 years
  - San Antonio: 26.5 years
  - Schulenburg: 25.1 years
  - Seadrift: 24.9 years
  - Seabrook: 24.9 years
  - Seagoville: 19.9 years

- **Number of annuitants**
  - Sansom Park: 9
  - Santa Fe: 15
  - San Antonio: 1
  - Schulenburg: 53
  - Seadrift: 19
  - Seabrook: 37
  - Seagoville: 2

- **Number of active contributing members**
  - Sansom Park: 33
  - Santa Fe: 65
  - San Antonio: 6
  - Schulenburg: 293
  - Seadrift: 38
  - Seabrook: 92
  - Seagoville: 9

- **Number of inactive members**
  - Sansom Park: 67
  - Santa Fe: 41
  - San Antonio: 7
  - Schulenburg: 132
  - Seadrift: 17
  - Seabrook: 27
  - Seagoville: 3

- **Average age of contributing members**
  - Sansom Park: 35.9 years
  - Santa Fe: 41.9 years
  - San Antonio: 49.7 years
  - Schulenburg: 41.1 years
  - Seadrift: 46.1 years
  - Seabrook: 45.4 years
  - Seagoville: 42.4 years

- **Average length of service of contributing members**
  - Sansom Park: 2.7 years
  - Santa Fe: 10.1 years
  - San Antonio: 5.7 years
  - Schulenburg: 8.9 years
  - Seadrift: 12.9 years
  - Seabrook: 11.3 years
  - Seagoville: 2.5 years

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - Sansom Park: 24.8 years
  - Santa Fe: 25.0 years
  - San Antonio: 26.5 years
  - Schulenburg: 25.1 years
  - Seadrift: 24.9 years
  - Seabrook: 24.9 years
  - Seagoville: 19.9 years

- **Number of annuitants**
  - Sansom Park: 32
  - Santa Fe: 11
  - San Antonio: 16
  - Schulenburg: 182
  - Seadrift: 10
  - Seabrook: 27
  - Seagoville: 8

- **Number of active contributing members**
  - Sansom Park: 95
  - Santa Fe: 15
  - San Antonio: 49
  - Schulenburg: 311
  - Seadrift: 75
  - Seabrook: 55
  - Seagoville: 9

- **Number of inactive members**
  - Sansom Park: 58
  - Santa Fe: 25
  - San Antonio: 32
  - Schulenburg: 117
  - Seadrift: 22
  - Seabrook: 41
  - Seagoville: 3

- **Average age of contributing members**
  - Sansom Park: 43.0 years
  - Santa Fe: 38.8 years
  - San Antonio: 42.7 years
  - Schulenburg: 43.2 years
  - Seadrift: 40.6 years
  - Seabrook: 39.2 years
  - Seagoville: 42.4 years

- **Average length of service of contributing members**
  - Sansom Park: 10.1 years
  - Santa Fe: 6.3 years
  - San Antonio: 10.4 years
  - Schulenburg: 9.1 years
  - Seadrift: 7.3 years
  - Seabrook: 2.5 years
  - Seagoville: 2.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members: $1,527,657, $2,343, $471,442, $739,034, $2,360,336, $4,657,178, $232,748
   - Noncontributing Members: 416,644, 2,685, 378,168, 91,150, 1,350,382, 1,623,357, 86,149
   - Annuitants: 1,561,341, 0, 45,510, 970,143, 489,231, 1,401,992, 0

2. Total Actuarial Accrued Liability: $3,505,642, $5,028, $895,120, $1,800,327, $4,199,949, $7,977,527, $318,897

3. Actuarial value of assets: 3,069,150, 7,203, 955,310, 1,341,150, 3,463,927, 4,778,107, 412,741

4. Unfunded/(overfunded) actuarial accrued liability: $436,492, $(2,175), $(60,190), $459,177, $736,022, $3,199,420, $(93,844)

5. Funded Ratio: 87.5%, 143.3%, 106.7%, 74.5%, 82.5%, 59.9%, 129.4%

6. Annual Payroll: $974,613, $44,938, $494,733, $623,989, $2,090,711, $2,933,752, $248,515

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>5.23%</td>
<td>0.12%</td>
<td>3.79%</td>
<td>4.27%</td>
<td>8.6%</td>
<td>8.80%</td>
<td>8.50%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>2.81%</td>
<td>-0.32%</td>
<td>-0.77%</td>
<td>4.65%</td>
<td>2.54%</td>
<td>6.78%</td>
<td>2.38%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>8.04%</td>
<td>0.00%</td>
<td>3.02%</td>
<td>8.92%</td>
<td>11.40%</td>
<td>15.58%</td>
<td>12.3%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.28%</td>
<td>0.00%</td>
<td>0.22%</td>
<td>0.48%</td>
<td>0.16%</td>
<td>0.15%</td>
<td>0.14%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>8.32%</td>
<td>0.02%</td>
<td>3.24%</td>
<td>9.46%</td>
<td>11.58%</td>
<td>15.73%</td>
<td>13.73%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.1 years, 100.0 years, 24.8 years, 24.8 years, 20.1 years, 25.5 years, 24.9 years
- Number of annuitants: 22, 41, 2, 15, 13, 9, 0
- Number of active contributing members: 31, 1, 14, 18, 48, 46, 9
- Number of inactive members: 15, 1, 8, 5, 76, 32, 5
- Average age of contributing members: 44.5 years, 31.1 years, 43.4 years, 47.4 years, 40.3 years, 42.3 years, 47.9 years
- Average length of service of contributing members: 9.8 years, 1.0 years, 7.8 years, 9.8 years, 7.8 years, 10.1 years, 7.2 years

---

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members: $50,925,893, $1,630,492, $356,352, $5,783,015, $104,758, $3,172,625, $13,345
   - Noncontributing Members: 7,096,076, 96,711, 570,382, 1,304,024, 0, 763,744, 132,963
   - Annuitants: 50,095,397, 1,341,810, 319,020, 6,660,230, 628,028, 2,318,999, 189,271


3. Actuarial value of assets: 95,472,964, 2,774,625, 1,285,164, 10,537,883, 760,382, 4,863,878, 189,271


5. Funded Ratio: 88.3%, 90.4%, 103.2%, 76.7%, 103.8%, 77.8%, 126.9%

6. Annual Payroll: $20,273,505, $893,927, $692,268, $2,638,360, $58,069, $1,836,776, $153,088

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>10.46%</td>
<td>5.48%</td>
<td>4.74%</td>
<td>10.15%</td>
<td>9.31%</td>
<td>8.53%</td>
<td>1.84%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.93%</td>
<td>2.07%</td>
<td>-0.36%</td>
<td>7.64%</td>
<td>-2.99%</td>
<td>4.42%</td>
<td>-1.65%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>14.39%</td>
<td>7.55%</td>
<td>4.38%</td>
<td>17.79%</td>
<td>6.32%</td>
<td>12.95%</td>
<td>0.19%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.20%</td>
<td>0.28%</td>
<td>0.28%</td>
<td>0.00%</td>
<td>0.37%</td>
<td>0.20%</td>
<td>0.22%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>14.59%</td>
<td>7.83%</td>
<td>4.55%</td>
<td>17.79%</td>
<td>6.69%</td>
<td>13.15%</td>
<td>0.41%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.0 years, 25.1 years, 24.8 years, 25.1 years, 25.0 years, 28.5 years, 25.0 years
- Number of annuitants: 263, 12, 3, 40, 2, 19, 1
- Number of active contributing members: 395, 26, 13, 61, 2, 51, 4
- Number of inactive members: 0, 9, 16, 23, 0, 3, 17
- Average age of contributing members: 43.1 years, 48.6 years, 46.5 years, 42.7 years, 56.4 years, 41.1 years, 43.8 years
- Average length of service of contributing members: 9.8 years, 12.6 years, 5.2 years, 9.1 years, 11.8 years, 7.5 years, 1.3 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $2,840,227 $2,313,927 $132,366 $10,263,205 $32,796 $408,010 $845,704
   - b. Noncontributing Members 596,651 978,122 0 12,272,264 114,464 279,761 1,986,223
   - c. Annuitants 2,560,937 978,122 0 12,272,264 114,464 279,761 1,986,223

2. **Total Actuarial Accrued Liability** $5,997,815 $4,205,697 $132,366 $25,238,614 $203,300 $838,657 $3,467,095

3. **Actuarial value of assets** 6,049,375 3,685,551 129,397 21,337,536 196,204 846,446 3,086,549

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($51,560) $520,146 $2,969 $3,901,078 $7,096 ($7,789) $380,546

5. **Funded Ratio: (3) / (2) 100.9% 87.6% 97.8% 84.5% 96.5% 100.9% 89.0%**

6. **Annual Payroll** $2,012,227 $2,016,879 $62,094 $4,062,898 $289,395 $551,819 $1,084,608

### CITY CONTRIBUTION RATES FOR 2014

**Retirement**
- Normal Cost 6.81% 5.15% 5.48% 11.69% 1.64% 5.50% 6.44%
- Prior Service -0.16% 1.61% 0.79% 6.02% 0.37% -0.09% 2.28%
- Total Retirement 6.65% 6.76% 6.27% 17.71% 2.01% 5.41% 8.72%
- Supplemental Death 0.29% 0.23% 0.13% 0.23% 0.23% 0.27% 0.38%
- Total Rate 6.94% 6.99% 6.40% 17.94% 2.24% 5.68% 9.10%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A 6.95% N/A N/A N/A N/A N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 12.50% 9.50% 13.50% N/A 9.50% 9.50% N/A

**ADDITIONAL INFORMATION**

GASB 25 Equivalent Single Amortization Period as of 1/2014: Sour Lake 32.8 years, South Houston 25.0 years, South Padre Island 25.6 years, Southlake 25.3 years, Southside Place 26.7 years, Spearman 24.5 years, Spring Valley 23.4 years

Number of annuitants: Sour Lake 0, South Houston 51, South Padre Island 108, Southlake 157, Southside Place 283, Spearman 9, Spring Valley 18

Number of active contributing members: Sour Lake 13, South Houston 50, South Padre Island 50, Southlake 26, Southside Place 50, Spearman 13, Spring Valley 26

Average age of contributing members: Sour Lake 44.8 years, South Houston 45.8 years, South Padre Island 42.6 years, Southlake 41.3 years, Southside Place 39.7 years, Spearman 12.7 years, Spring Valley 11.3 years

Average length of service of contributing members: Sour Lake 9.0 years, South Houston 12.7 years, South Padre Island 12.7 years, Southlake 11.2 years, Southside Place 12.7 years, Spearman 12.7 years, Spring Valley 11.3 years

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sour Lake</td>
<td>1.37%</td>
<td>0.80%</td>
<td>2.17%</td>
<td>0.14%</td>
<td>2.31%</td>
<td>12.22%</td>
<td>2.64%</td>
</tr>
<tr>
<td>South Houston</td>
<td>1.57%</td>
<td>1.44%</td>
<td>3.01%</td>
<td>0.13%</td>
<td>3.14%</td>
<td>7.34%</td>
<td>3.47%</td>
</tr>
<tr>
<td>South Padre Island</td>
<td>1.66%</td>
<td>1.44%</td>
<td>3.10%</td>
<td>0.13%</td>
<td>3.23%</td>
<td>7.69%</td>
<td>3.92%</td>
</tr>
<tr>
<td>Southlake</td>
<td>1.47%</td>
<td>1.44%</td>
<td>2.91%</td>
<td>0.13%</td>
<td>3.04%</td>
<td>7.34%</td>
<td>3.92%</td>
</tr>
<tr>
<td>Southside Place</td>
<td>1.57%</td>
<td>1.44%</td>
<td>3.01%</td>
<td>0.13%</td>
<td>3.14%</td>
<td>7.34%</td>
<td>3.47%</td>
</tr>
<tr>
<td>Spearman</td>
<td>1.66%</td>
<td>1.44%</td>
<td>3.10%</td>
<td>0.13%</td>
<td>3.23%</td>
<td>7.69%</td>
<td>3.92%</td>
</tr>
<tr>
<td>Spring Valley</td>
<td>1.66%</td>
<td>1.44%</td>
<td>3.10%</td>
<td>0.13%</td>
<td>3.23%</td>
<td>7.69%</td>
<td>3.92%</td>
</tr>
</tbody>
</table>

**ADDITIONAL INFORMATION**

GASB 25 Equivalent Single Amortization Period as of 1/2014: Sour Lake 32.8 years, South Houston 25.0 years, South Padre Island 25.6 years, Southlake 25.3 years, Southside Place 26.7 years, Spearman 24.5 years, Spring Valley 23.4 years

Number of annuitants: Sour Lake 0, South Houston 51, South Padre Island 108, Southlake 157, Southside Place 283, Spearman 9, Spring Valley 18

Number of active contributing members: Sour Lake 13, South Houston 50, South Padre Island 50, Southlake 26, Southside Place 50, Spearman 13, Spring Valley 26

Average age of contributing members: Sour Lake 44.8 years, South Houston 45.8 years, South Padre Island 42.6 years, Southlake 41.3 years, Southside Place 39.7 years, Spearman 12.7 years, Spring Valley 11.3 years

Average length of service of contributing members: Sour Lake 9.0 years, South Houston 12.7 years, South Padre Island 12.7 years, Southlake 11.2 years, Southside Place 12.7 years, Spearman 12.7 years, Spring Valley 11.3 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $1,371,691 $377,270 $14,324,682 $858,057 $1,491,325 $243,420 $18,146,563
   - b. Noncontributing Members 853,178 225,419 2,908,487 233,800 312,647 303,928 2,830,190
   - c. Annuitants 537,855 0 11,553,457 1,727,154 330,465 112,759 11,068,426

2. Total Actuarial Accrued Liability $2,762,724 $602,689 $28,786,626 $2,819,011 $2,134,437 $660,107 $32,045,179

3. Actuarial value of assets 2,789,396 565,292 25,248,877 2,673,566 1,958,251 603,845 27,767,415

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($26,672) $37,397 $3,537,749 $145,445 $176,186 $56,262 $4,277,764

5. Funded Ratio: (3) / (2) 101.0% 93.8% 87.7% 94.8% 91.7% 91.5% 86.7%

6. Annual Payroll $1,440,964 $302,722 $6,264,605 $859,009 $802,228 $144,134 $6,604,803

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost 8.23% 3.85% 11.96% 5.01% 6.77% 10.18% 10.96%
- Prior Service -0.12% 1.17% 3.54% 1.05% 1.39% 2.47% 4.08%
- Total Retirement 8.11% 5.02% 15.50% 6.06% 8.16% 12.65% 14.04%
- Supplemental Death 0.13% 0.25% 0.19% 0.40% 0.20% 0.45% 0.18%
- Total Rate 8.24% 5.17% 15.69% 6.46% 8.36% 13.10% 15.22%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A

#### Statutory Maximum Rate (Total Retirement Only)
- 13.50% 9.50% 9.50% 9.50%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014 23.8 years 13.8 years 12.6 years 25.0 years 17.1 years 25.1 years 25.0 years

Number of annuitants 10 0 49 21 5 4 64

Number of active contributing members 38 10 126 29 15 4 138

Number of inactive members 35 6 47 20 10 4 65

Average age of contributing members 41.8 years 52.4 years 44.2 years 47.9 years 47.2 years 49.5 years 43.8 years

Average length of service of contributing members 5.6 years 10.3 years 10.2 years 7.7 years 14.0 years 10.4 years 12.2 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $229,842 $429,525 $340,839 $256,898 $105,233,600 $14,965,914 $638,641
   - b. Noncontributing Members 19,823 769,281 169,710 0 13,529,984 2,186,635 710,621
   - c. Annuitants 76,528 208,998 491,237 264,482 26,808,567 11,530,969 976,407

2. Total Actuarial Accrued Liability $326,193 $1,407,804 $1,001,786 $521,380 $145,572,151 $28,683,518 $2,325,669

3. Actuarial value of assets 367,160 1,743,852 764,395 533,537 124,226,362 29,176,205 2,069,206

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($40,967) ($336,048) $237,391 ($12,157) $21,345,789 ($492,687) $256,463

5. Funded Ratio: (3) / (2) 112.6% 123.9% 76.3% 102.3% 85.3% 101.7% 89.0%

6. Annual Payroll $192,327 $405,747 $527,625 $270,303 $38,374,915 $6,962,210 $545,753

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
- Normal Cost 2.39% 3.91% 5.45% 2.52% 11.99% 6.79% 5.72%
- Prior Service -1.34% -3.91% 2.86% 0.19% 3.49% -0.18% 3.37%
- Total Retirement 1.05% 0.00% 8.31% 2.71% 15.47% 6.61% 9.09%
- Supplemental Death 0.00% 0.00% 0.14% 0.00% 0.00% 0.18% 0.19%
- Total Rate 1.05% 0.00% 8.45% 2.71% 15.50% 6.80% 9.28%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A

#### Statutory Maximum Rate (Total Retirement Only)
- 7.50% 9.50% 9.50% 9.50%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2014 25.0 years 44.9 years 24.6 years 17.1 years 25.1 years 100.0 years 20.3 years

Number of annuitants 3 4 9 8 3 110 89

Number of active contributing members 8 11 11 8 622 142 16

Number of inactive members 17 17 17 17 17 17 17

Average age of contributing members 49.0 years 43.6 years 48.2 years 45.0 years 47.2 years 49.5 years 43.8 years

Average length of service of contributing members 14.1 years 8.0 years 7.9 years 11.4 years 11.9 years 12.6 years 6.6 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - Sunnyvale: $2,123,351
     - Sunrise: $1,057,518
     - Sunset Valley: $2,149,804
     - Surfside Beach: $203,328
   - **b. Noncontributing Members**
     - Sunnyvale: 735,263
     - Sunrise: 976,987
     - Sunset Valley: 116,415
     - Surfside Beach: 11,957,571
   - **c. Annuitants**
     - Sunnyvale: 976,987
     - Sunrise: 111,461
     - Sunset Valley: 531,732
     - Surfside Beach: 2,706,228

#### 2. Total Actuarial Accrued Liability
   - Sunnyvale: $3,835,601
   - Sunrise: $2,213,552
   - Sunset Valley: $3,524,180
   - Surfside Beach: $319,743

#### 3. Actuarial value of assets
   - Sunnyvale: $3,060,596
   - Sunrise: $1,465,934
   - Sunset Valley: $3,120,322
   - Surfside Beach: $415,242

#### 4. Unfunded/(overfunded) actuarial accrued liability
   - Sunnyvale: $775,005
   - Sunrise: $747,618
   - Sunset Valley: $403,858
   - Surfside Beach: $95,499

#### 5. Funded Ratio: (3) / (2)
   - Sunnyvale: 79.8%
   - Sunrise: 66.2%
   - Sunset Valley: 92.5%
   - Surfside Beach: 97.4%

#### 6. Annual Payroll
   - Sunnyvale: $1,361,117
   - Sunrise: $492,830
   - Sunset Valley: $1,564,497
   - Surfside Beach: $620,990

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
   - Normal Cost: 9.69%
   - Prior Service: 3.56%
   - Total Retirement: 13.25%
   - Supplemental Death: 0.17%
   - Total Rate: 13.42%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.3 years
- Number of annuitants: 9
- Number of active contributing members: 24
- Number of inactive members: 16
- Average age of contributing members: 44.5 years
- Average length of service of contributing members: 10.5 years

### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - Taft: $15,444,342
     - Tahoka: $1,010,512
     - Tatum: $104,056
     - Taylor: $11,221,025
   - **b. Noncontributing Members**
     - Taft: 3,207,451
     - Tahoka: 275,401
     - Tatum: 61,282
     - Taylor: 2,558,484
   - **c. Annuitants**
     - Taft: 10,232,972
     - Tahoka: 883,896
     - Tatum: 770,940
     - Taylor: 3,343,699

#### 2. Total Actuarial Accrued Liability
   - Taft: $28,884,765
   - Tahoka: $2,169,809
   - Tatum: 287,283
   - Taylor: $21,949,650

#### 3. Actuarial value of assets
   - Taft: $22,982,217
   - Tahoka: $1,693,388
   - Tatum: $254,218
   - Taylor: $16,891,699

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Taft: $5,902,548
   - Tahoka: $476,421
   - Tatum: $33,065
   - Taylor: $5,057,951

#### 5. Funded Ratio: (3) / (2)
   - Taft: 79.6%
   - Tahoka: 78.0%
   - Tatum: 121.9%
   - Taylor: 85.7%

#### 6. Annual Payroll
   - Taft: $6,898,644
   - Tahoka: $1,396,232
   - Tatum: $545,683
   - Taylor: $259,984

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
   - Normal Cost: 11.50%
   - Prior Service: 5.35%
   - Total Retirement: 16.85%
   - Supplemental Death: 0.16%
   - Total Rate: 17.01%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: 25.3 years
- Number of annuitants: 20
- Number of active contributing members: 80
- Number of inactive members: 27
- Average age of contributing members: 46.8 years
- Average length of service of contributing members: 11.4 years

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**NOTE:** This text represents a summary of the actuarial valuation of participating municipalities as of December 31, 2012, with specific data provided for different municipalities and details on the actuarial accrued liability, funded ratio, and city contribution rates for 2014. The information includes summaries of the actuarial accrued liability, actuarial value of assets, and additional financial data such as annual payroll and the number of annuitants, active contributing members, and inactive members. The data is presented in tables and percentages, providing a comprehensive overview of the financial status and actuarial valuation for different municipalities.
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members
     - **Texarkana Police Dept**: $183,289
     - **Terrell**: $22,638,846
     - **Terrell Hills**: $3,950,481
     - **Tex Municipal League IRP Texarkana**: $1,167,042
   - b. Noncontributing Members
     - **Texarkana Police Dept**: 33,371
     - **Terrell**: 1,826,992
     - **Terrell Hills**: 1,953,307
     - **Tex Municipal League IRP Texarkana**: 3,334,871
   - c. Annuitants
     - **Texarkana Police Dept**: 46,479
     - **Terrell**: 33,371
     - **Terrell Hills**: 1,953,307
     - **Tex Municipal League IRP Texarkana**: 3,334,871

2. **Total Actuarial Accrued Liability**
   - **Texarkana Police Dept**: $263,139
   - **Terrell**: $22,638,846
   - **Terrell Hills**: $3,950,481
   - **Tex Municipal League IRP Texarkana**: $1,167,042

3. **Actuarial value of assets**
   - **Texarkana Police Dept**: 290,816
   - **Terrell**: 33,307,977
   - **Terrell Hills**: 7,993,956
   - **Tex Municipal League IRP Texarkana**: 18,987,623

4. **Unfunded/(overfunded) actuarial accrued liability**: ($27,677) $7,975,986 $1,461,931 ($2,074,814) $310,453 $6,817,600 $5,859,916

5. **Funded Ratio**: 110.5% 80.7% 84.5% 112.3% 99.6% 84.0% 83.8%

6. **Annual Payroll**
   - **Texarkana Police Dept**: $293,961
   - **Terrell**: $8,259,539
   - **Terrell Hills**: $2,279,888

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**
  - Normal Cost: 1.59% 1.00% 0.23% 1.00%
  - Prior Service: -0.59% 6.04% 0.00% 0.00%
  - **Total Retirement**: 1.00% 18.12% 12.52% 3.92%

- **Supplemental Death**: 0.23% 0.18% 0.13% 0.17%

- **Total Rate**: 1.23% 18.30% 12.65% 4.09%

- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: N/A 17.93% N/A N/A

- **Statutory Maximum Rate (Total Retirement Only)**: 7.50% N/A N/A 12.50%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - Texarkana Police Dept: 25.2 years
  - Terrell: 25.3 years
  - Terrell Hills: 24.9 years
  - Tex Municipal League IRP Texarkana: 28.4 years

- **Number of annuitants**
  - Texarkana Police Dept: 3
  - Terrell: 95
  - Terrell Hills: 21
  - Tex Municipal League IRP Texarkana: 14

- **Number of active contributing members**
  - Texarkana Police Dept: 9
  - Terrell: 153
  - Terrell Hills: 49
  - Tex Municipal League IRP Texarkana: 120

- **Number of inactive members**
  - Texarkana Police Dept: 3
  - Terrell: 40
  - Terrell Hills: 37
  - Tex Municipal League IRP Texarkana: 50

- **Average age of contributing members**
  - Texarkana Police Dept: 45.8 years
  - Terrell: 43.1 years
  - Terrell Hills: 37.0 years

- **Average length of service of contributing members**
  - Texarkana Police Dept: 5.5 years
  - Terrell: 11.7 years
  - Terrell Hills: 9.7 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members
     - **Texas Municipal League Fearn**: $18,073,664
     - **Texas City**: $47,548,629
     - **Texas Municipal League Texhoma**: $7,354,843
     - **Texas Municipal League The Colony**: $28,360
     - **Texas Municipal League Thompsons**: $36,191,828
     - **Texas Municipal League Thorndale**: $106,920
   - b. Noncontributing Members
     - **Texas Municipal League Fearn**: 1,362,164
     - **Texas City**: 5,416,771
     - **Texas Municipal League Texhoma**: 2,217,116
     - **Texas Municipal League The Colony**: 439
     - **Texas Municipal League Thompsons**: 7,672,748
     - **Texas Municipal League Thorndale**: 3,697,240
   - c. Annuitants
     - **Texas Municipal League Fearn**: 12,185,934
     - **Texas City**: 98,977,640
     - **Texas Municipal League Texhoma**: 6,371,867
     - **Texas Municipal League The Colony**: 56,147
     - **Texas Municipal League Thompsons**: 52,888,253
     - **Texas Municipal League Thorndale**: 44,010

2. **Total Actuarial Accrued Liability**
   - **Texas Municipal League Fearn**: $31,621,762
   - **Texas City**: $115,895,040
   - **Texas Municipal League Texhoma**: $15,943,826
   - **Texas Municipal League The Colony**: $44,198
   - **Texas Municipal League Thompsons**: $60,728,120
   - **Texas Municipal League Thorndale**: $555,387

3. **Actuarial value of assets**
   - **Texas Municipal League Fearn**: $24,765,063
   - **Texas City**: $97,887,365
   - **Texas Municipal League Texhoma**: $13,601,570
   - **Texas Municipal League The Colony**: 56,147
   - **Texas Municipal League Thompsons**: $52,888,253
   - **Texas Municipal League Thorndale**: 524,950

4. **Unfunded/(overfunded) actuarial accrued liability**: ($2,074,814) $7,975,986 $1,461,931 ($2,074,814) $310,453 $6,817,600 $5,859,916

5. **Funded Ratio**: 78.3% 84.5% 85.3% 127.0% 87.1% 92.3% 94.5%

6. **Annual Payroll**
   - **Texas Municipal League Fearn**: $6,870,409
   - **Texas City**: $18,774,967
   - **Texas Municipal League Texhoma**: $2,532,368

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**
  - Normal Cost: 11.45% 17.70%
  - Prior Service: 6.25% 17.70%
  - **Total Retirement**: 17.70%

- **Supplemental Death**: 0.00%

- **Total Rate**: 17.70%

- **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: N/A N/A

- **Statutory Maximum Rate (Total Retirement Only)**: N/A 12.50%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**
  - Texas Municipal League Fearn: 25.2 years
  - Texas City: 25.3 years
  - Texas Municipal League Texhoma: 24.9 years
  - Texas Municipal League The Colony: 25.0 years
  - Texas Municipal League Thompsons: 25.4 years
  - Texas Municipal League Thorndale: 13.6 years

- **Number of annuitants**
  - Texas Municipal League Fearn: 84
  - Texas City: 267
  - Texas Municipal League Texhoma: 21
  - Texas Municipal League The Colony: 1
  - Texas Municipal League Thompsons: 0
  - Texas Municipal League Thorndale: 4

- **Number of active contributing members**
  - Texas Municipal League Fearn: 166
  - Texas City: 405
  - Texas Municipal League Texhoma: 49
  - Texas Municipal League The Colony: 19
  - Texas Municipal League Thompsons: 2
  - Texas Municipal League Thorndale: 0

- **Number of inactive members**
  - Texas Municipal League Fearn: 26
  - Texas City: 176
  - Texas Municipal League Texhoma: 37
  - Texas Municipal League The Colony: 1
  - Texas Municipal League Thompsons: 0
  - Texas Municipal League Thorndale: 4

- **Average age of contributing members**
  - Texas Municipal League Fearn: 43.9 years
  - Texas City: 42.3 years
  - Texas Municipal League Texhoma: 45.6 years
  - Texas Municipal League The Colony: 56.4 years
  - Texas Municipal League Thompsons: 48.1 years
  - Texas Municipal League Thorndale: 13.7 years

- **Average length of service of contributing members**
  - Texas Municipal League Fearn: 10.6 years
  - Texas City: 9.7 years
  - Texas Municipal League Texhoma: 13.7 years
  - Texas Municipal League The Colony: 11.0 years
  - Texas Municipal League Thompsons: 11.9 years
  - Texas Municipal League Thorndale: 10.2 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Three Rivers</th>
<th>Throckmorton</th>
<th>Tiki Island</th>
<th>Timpson</th>
<th>Tinsa</th>
<th>Total</th>
<th>Tomb Bunn</th>
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<tbody>
<tr>
<td>a. Contributing Members</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
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<tr>
<td>b. Noncontributing Members</td>
<td>276,733</td>
<td>211,029</td>
<td>15,937</td>
<td>13,873</td>
<td>0</td>
<td>125,867</td>
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<tr>
<td>c. Annuitants</td>
<td>934,184</td>
<td>319,682</td>
<td>0</td>
<td>125,867</td>
<td>10,428</td>
<td>0</td>
<td>66,728</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$3,453,770</td>
<td>$580,341</td>
<td>$323,082</td>
<td>$602,297</td>
<td>$159,905</td>
<td>$322,428</td>
<td>$165,219</td>
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<td>3. Actuarial value of assets</td>
<td>3,235,410</td>
<td>560,891</td>
<td>281,979</td>
<td>591,301</td>
<td>211,950</td>
<td>268,433</td>
<td>172,190</td>
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<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$218,360</td>
<td>$19,450</td>
<td>$41,103</td>
<td>$10,996</td>
<td>($52,025)</td>
<td>$53,995</td>
<td>($6,971)</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>93.7%</td>
<td>96.6%</td>
<td>87.3%</td>
<td>98.2%</td>
<td>132.5%</td>
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<td>104.2%</td>
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<td>6. Annual Payroll</td>
<td>$1,626,285</td>
<td>$145,437</td>
<td>$393,565</td>
<td>$419,029</td>
<td>$195,719</td>
<td>$218,289</td>
<td>$206,388</td>
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### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>4.30%</td>
<td>0.84%</td>
<td>5.14%</td>
<td>0.23%</td>
<td>5.37%</td>
<td>N/A</td>
<td>7.50%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>4.83%</td>
<td>0.88%</td>
<td>5.71%</td>
<td>0.35%</td>
<td>5.96%</td>
<td>N/A</td>
<td>11.50%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>2.64%</td>
<td>0.17%</td>
<td>2.81%</td>
<td>0.23%</td>
<td>2.87%</td>
<td>N/A</td>
<td>7.50%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>1.60%</td>
<td>-1.67%</td>
<td>0.35%</td>
<td>0.12%</td>
<td>3.04%</td>
<td>N/A</td>
<td>7.50%</td>
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<tr>
<td>Total Rate</td>
<td>3.70%</td>
<td>2.53%</td>
<td>6.23%</td>
<td>0.29%</td>
<td>6.67%</td>
<td>N/A</td>
<td>7.50%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.3 years, 23.2 years, 21.6 years, 23.8 years, 25.1 years, 12.5 years, 25.5 years
- **Number of annuitants**: 8, 5, 0, 5, 1, 0, 1
- **Number of active contributing members**: 46, 4, 8, 10, 6, 5, 7
- **Number of inactive members**: 18, 5, 3, 4, 7, 3, 9
- **Average age of contributing members**: 47.8 years, 39.9 years, 47.7 years, 44.3 years, 45.1 years, 52.9 years, 47.1 years
- **Average length of service of contributing members**: 9.5 years, 4.1 years, 9.4 years, 9.3 years, 15.6 years, 14.7 years, 3.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability  
   a. Contributing Members $209,990 $3,909,896 $17,258 $264,923 $87,980,998 $14,639,773 $44,871,545  
   b. Noncontributing Members 24,074 848,790 29,832 45,958 12,945,252 2,078,953 4,192,067  
   c. Annuitants 205,700 2,746,616 175,419 253,407 81,120,271 4,214,765 22,695,428  

2. Total Actuarial Accrued Liability $439,764 $7,505,302 $222,509 $564,288 $182,046,521 $20,933,491 $71,759,040  

3. Actuarial value of assets 420,255 6,918,496 156,522 397,237 134,002,148 15,604,047 72,901,376  

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $19,509 $586,806 $65,987 $167,051 $48,044,373 $5,329,444 ($1,142,336)  

5. Funded Ratio: (3) / (2) 95.6% 92.2% 70.3% 70.4% 73.6% 74.5% 101.6%  

6. Annual Payroll $342,781 $1,341,988 $67,866 $377,431 $30,755,475 $6,133,901 $14,444,490  

### CITY CONTRIBUTION RATES FOR 2014  

#### Retirement  
   - Normal Cost 3.91% 10.80% 0.00% 2.15% 12.36% 9.58% 8.14%  
   - Prior Service 0.97% 2.78% 6.36% 3.75% 9.79% 5.36% 0.02%  
   - Total Retirement 4.88% 13.58% 6.36% 5.90% 22.15% 14.94% 8.16%  
   - Supplemental Death 0.41% 0.23% 0.27% 0.13% 0.22% 0.18% 0.00%  
   - Total Rate 5.29% 13.81% 6.63% 6.03% 22.37% 15.12% 8.16%  

#### Statutory Maximum Rate (Total Retirement Only) 10.50% N/A N/A N/A N/A N/A N/A  

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A N/A 21.31% 14.43% N/A  

### ADDITIONAL INFORMATION  

#### GASB 25 Equivalent Single Amortization Period as of 1/2014 6.8 years 24.6 years 23.5 years 16.0 years 25.2 years 25.9 years 73.2 years  

#### Number of annuitants 8 26 3 4 454 40 114  

#### Number of active contributing members 9 37 3 11 615 124 207  

#### Number of inactive members 4 22 2 5 199 72 43  

#### Average age of contributing members 45.6 years 39.2 years 45.8 years 42.8 years 43.9 years 43.5 years 47.3 years  

#### Average length of service of contributing members 5.3 years 10.7 years 8.4 years 11.0 years 10.5 years 8.1 years 7.7 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members: $54,013,621
   - Noncontributing Members: 16,529,721
   - Annuitants: 82,274,732

2. **Total Actuarial Accrued Liability**: $152,818,074

3. **Actuarial Value of Assets**: $118,071,309

4. **Unfunded/Overfunded Actuarial Accrued Liability**: ($34,746,765)

5. **Funded Ratio**: 77.3%

6. **Annual Payroll**: $26,393,773

### CITY CONTRIBUTION RATES FOR 2014

- **Retirement**:
  - Normal Cost: 9.39%
  - Prior Service: 8.26%
  - Total Retirement: 17.65%

- **Supplemental Death**: 0.17%

- **Total Rate**: 17.82%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.1 years
- **Number of annuitants**: 391
- **Number of active contributing members**: 549
- **Average age of contributing members**: 40.3 years
- **Average length of service of contributing members**: 10.2 years
<table>
<thead>
<tr>
<th>City</th>
<th>Webster</th>
<th>Weslaco</th>
<th>West</th>
<th>Wells</th>
<th>Weslaco</th>
<th>West Columbia</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUMMARY OF ACTUARIAL INFORMATION</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$23,761,914</td>
<td>$3,488,611</td>
<td>$1,609,915</td>
<td>$133,724</td>
<td>$10,713,877</td>
<td>$761,493</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>4,591,755</td>
<td>646,809</td>
<td>67,949</td>
<td>25,164</td>
<td>3,186,716</td>
<td>34,236</td>
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<tr>
<td>c. Annuitants</td>
<td>13,267,062</td>
<td>1,918,452</td>
<td>800,069</td>
<td>90,008</td>
<td>15,425,838</td>
<td>795,738</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$41,620,731</td>
<td>$6,053,872</td>
<td>$2,477,933</td>
<td>$248,896</td>
<td>$29,326,031</td>
<td>$1,587,467</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>33,538,506</td>
<td>5,055,451</td>
<td>2,723,757</td>
<td>253,610</td>
<td>29,417,936</td>
<td>1,722,231</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$8,082,225</td>
<td>$998,421</td>
<td>($245,824)</td>
<td>($4,714)</td>
<td>($91,905)</td>
<td>($134,764)</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>80.6%</td>
<td>83.5%</td>
<td>109.9%</td>
<td>101.9%</td>
<td>100.3%</td>
<td>117.1%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$9,309,070</td>
<td>$1,133,006</td>
<td>$443,974</td>
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<td>$713,350</td>
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<table>
<thead>
<tr>
<th>City</th>
<th>Webster</th>
<th>Wellington</th>
<th>West Columbia</th>
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<td></td>
</tr>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$3,139,930</td>
<td>$3,381,304</td>
<td>$447,170</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>1,066,744</td>
<td>500,305</td>
<td>186,275</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>1,726,260</td>
<td>3,653,107</td>
<td>282,552</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$5,932,934</td>
<td>$7,534,716</td>
<td>$915,997</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>4,936,744</td>
<td>5,859,893</td>
<td>657,054</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$996,190</td>
<td>$1,674,823</td>
<td>$258,943</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>83.2%</td>
<td>85.3%</td>
<td>71.7%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$1,694,143</td>
<td>$1,237,361</td>
<td>$811,911</td>
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</table>

<table>
<thead>
<tr>
<th>City</th>
<th>West Lake Hills</th>
<th>West Orange</th>
<th>West Tawakoni</th>
<th>West Univ. Place</th>
<th>Westlake</th>
<th>Westover Hills</th>
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</tr>
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<td>3,653,107</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$5,932,934</td>
<td>$7,534,716</td>
<td>$915,997</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$996,190</td>
<td>$1,674,823</td>
<td>$258,943</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>83.2%</td>
<td>85.3%</td>
<td>71.7%</td>
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<th>Westover Hills</th>
<th>Westworth Village</th>
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<tbody>
<tr>
<td><strong>CITY CONTRIBUTION RATES FOR 2014</strong></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Retirement</td>
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</tr>
<tr>
<td>Normal Cost</td>
<td>11.50%</td>
<td>12.47%</td>
<td>12.47%</td>
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<tr>
<td>Prior Service</td>
<td>5.44%</td>
<td>5.57%</td>
<td>5.57%</td>
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<td></td>
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</tr>
<tr>
<td>Total Retirement</td>
<td>16.94%</td>
<td>18.04%</td>
<td>18.04%</td>
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<td></td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.18%</td>
<td>0.38%</td>
<td>0.38%</td>
<td></td>
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<tr>
<td>Total Rate</td>
<td>17.12%</td>
<td>18.42%</td>
<td>18.42%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>16.95%</td>
<td>18.30%</td>
<td>18.30%</td>
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</table>

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</tr>
</thead>
<tbody>
<tr>
<td><strong>ADDITIONAL INFORMATION</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>25.2 years</td>
<td>24.8 years</td>
<td>24.8 years</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>69</td>
<td>18</td>
<td>10</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>168</td>
<td>26</td>
<td>14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>70</td>
<td>9</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>43.7 years</td>
<td>46.5 years</td>
<td>46.4 years</td>
<td></td>
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<td></td>
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<tr>
<td>Average length of service of contributing members</td>
<td>9.3 years</td>
<td>9.1 years</td>
<td>9.1 years</td>
<td></td>
<td></td>
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<td></td>
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<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>25.5 years</td>
<td>24.9 years</td>
<td>20.0 years</td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>18</td>
<td>18</td>
<td>7</td>
<td></td>
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</tr>
<tr>
<td>Number of active contributing members</td>
<td>28</td>
<td>25</td>
<td>12</td>
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<td>9</td>
<td>14</td>
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<td>Average age of contributing members</td>
<td>43.7 years</td>
<td>46.5 years</td>
<td>46.4 years</td>
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<tr>
<td>Average length of service of contributing members</td>
<td>9.3 years</td>
<td>11.3 years</td>
<td>6.3 years</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members
      - Wharton: $6,536,749
      - Wheeler: $350,069
      - White Door: $72,836
      - White Oak: $3,634,186
      - White Settlement: $7,419,228
      - Whiteface: $178,050
      - Whitesboros: $1,782,126
   b. Noncontributing Members
      - Wharton: 1,702,068
      - Wheeler: 16,516
      - White Door: 113,165
      - White Oak: 745,252
      - White Settlement: 5,563,400
   c. Annuitants
      - Wharton: 3,143,557
      - Wheeler: 627,611
      - White Door: 291,164
      - White Oak: 5,288,596
      - White Settlement: 216,249

2. Total Actuarial Accrued Liability
   - Wharton: $12,822,374
   - Wheeler: $994,196
   - White Door: $472,163
   - White Oak: $8,500,032
   - White Settlement: $20,277,648
   - Whiteface: $578,502
   - Whitesboros: $3,663,400

3. Actuarial value of assets
   - Wharton: 10,521,060
   - Wheeler: 925,482
   - White Door: 352,931
   - White Oak: 8,114,430
   - White Settlement: 17,783,620
   - Whiteface: 456,933
   - Whitesboros: 3,103,956

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Wharton: $861,314
   - Wheeler: $68,714
   - White Door: $124,234
   - White Oak: $1,393,604
   - White Settlement: $2,494,048
   - Whiteface: $121,569
   - Whitesboros: $59,524

5. Funded Ratio: (3) / (2)
   - Wharton: 92.4%
   - Wheeler: 93.1%
   - White Door: 74.0%
   - White Oak: 85.3%
   - White Settlement: 79.0%
   - Whiteface: 98.1%
   - Whitesboros: 98.1%

6. Annual Payroll
   - Wharton: $4,020,778
   - Wheeler: $177,630
   - White Door: $254,418
   - White Oak: $1,976,390
   - White Settlement: $5,254,425
   - Whiteface: $124,957
   - Whitesboros: $1,640,412

### CITY CONTRIBUTION RATES FOR 2014

#### Retirement
   - Normal Cost
     - Wharton: 6.02%
     - Wheeler: 9.94%
     - White Door: 2.32%
     - White Oak: 9.46%
     - White Settlement: 7.49%
     - Whiteface: 7.52%
     - Whitesboros: 5.35%
   - Prior Service
     - Wharton: 1.33%
     - Wheeler: 2.49%
     - White Door: 3.08%
     - White Oak: 4.40%
     - White Settlement: 4.40%
     - Whiteface: 2.96%
     - Whitesboros: 0.21%
   - Total Retirement
     - Wharton: 7.35%
     - Wheeler: 12.43%
     - White Door: 5.40%
     - White Oak: 13.86%
     - White Settlement: 10.45%
     - Whiteface: 13.62%
     - Whitesboros: 5.56%
   - Supplemental Death
     - Wharton: 0.20%
     - Wheeler: 0.29%
     - White Door: 0.37%
     - White Oak: 0.16%
     - White Settlement: 0.21%
     - Whiteface: 0.33%
     - Whitesboros: 0.20%
   - Total Rate
     - Wharton: 7.55%
     - Wheeler: 12.72%
     - White Door: 5.77%
     - White Oak: 14.02%
     - White Settlement: 13.95%
     - Whiteface: 5.76%
     - Whitesboros: 9.50%

   - Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
     - Wharton: N/A
     - Wheeler: N/A
     - White Door: N/A
     - White Oak: N/A
     - White Settlement: N/A
     - Whiteface: N/A
     - Whitesboros: 13.80%

   - Statutory Maximum Rate (Total Retirement Only)
     - Wharton: 9.50%
     - Wheeler: N/A
     - White Door: 7.50%
     - White Oak: N/A
     - White Settlement: 11.50%
     - Whiteface: N/A
     - Whitesboros: 9.50%

#### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2014: Wharton - 25.6 years, Wheeler - 24.1 years, White Door - 24.9 years, White Oak - 25.4 years, White Settlement - 25.4 years, Whiteface - 25.2 years, Whitesboros - 28.9 years
- Number of annuitants
  - Wharton: 30
  - Wheeler: 2
  - White Door: 25
  - White Oak: 57
  - White Settlement: 2
  - Whiteface: 1
  - Whitesboros: 11
- Number of active contributing members
  - Wharton: 87
  - Wheeler: 5
  - White Door: 48
  - White Oak: 115
  - White Settlement: 3
  - Whiteface: 38
  - Whitesboros: 28
- Number of inactive members
  - Wharton: 32
  - Wheeler: 1
  - White Door: 20
  - White Oak: 102
  - White Settlement: 1
  - Whiteface: 28
  - Whitesboros: 32
- Average age of contributing members
  - Wharton: 44.2 years
  - Wheeler: 44.0 years
  - White Door: 45.9 years
  - White Oak: 42.2 years
  - White Settlement: 43.3 years
  - Whiteface: 47.2 years
  - Whitesboros: 42.3 years
- Average length of service of contributing members
  - Wharton: 11.6 years
  - Wheeler: 8.9 years
  - White Door: 3.4 years
  - White Oak: 9.2 years
  - White Settlement: 10.4 years
  - Whiteface: 8.0 years
  - Whitesboros: 8.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $958,670, $1,891,292, $313,822, $274,103, $1,179,305, $371,627
   - b. Noncontributing Members: 621,202, 1,796,734, 20,425, 3,688,405, 600,416
   - c. Annuitants: 653,853, 2,628,046, 111,276, 3,004,536, 92,651

2. **Total Actuarial Accrued Liability**: $2,233,725, $148,045, $6,316,072, $35,237, $517,591, $4,295,117, $693,083

3. **Actuarial value of assets**: $2,426,695, $124,857, $5,955,000, $20,425, $527,850, $3,688,405, $600,432

4. **Unfunded/(overfunded) actuarial accrued liability**: ($192,970), $23,188, $361,072, $14,812, ($10,259), $606,712, $92,651

5. **Funded Ratio**: 108.6%, 84.3%, 94.3%, 58.0%, 102.0%, 85.9%, 86.6%

6. **Annual Payroll**: $1,360,048, $337,692, $2,367,868, $239,913, $227,119, $1,242,282, $352,290

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>3.48%</td>
<td>1.11%</td>
<td>5.35%</td>
<td>0.00%</td>
<td>3.09%</td>
<td>5.54%</td>
<td>9.50%</td>
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<tr>
<td>Prior Service</td>
<td>-0.89%</td>
<td>0.90%</td>
<td>0.96%</td>
<td>0.89%</td>
<td>-0.28%</td>
<td>2.99%</td>
<td>1.67%</td>
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<tr>
<td>Total Retirement</td>
<td>2.59%</td>
<td>1.61%</td>
<td>6.31%</td>
<td>0.89%</td>
<td>2.81%</td>
<td>8.33%</td>
<td>11.17%</td>
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<tr>
<td>Supplemental Death</td>
<td>0.12%</td>
<td>0.21%</td>
<td>0.19%</td>
<td>0.09%</td>
<td>0.22%</td>
<td>0.26%</td>
<td>0.12%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>2.71%</td>
<td>1.82%</td>
<td>6.50%</td>
<td>0.98%</td>
<td>3.09%</td>
<td>8.79%</td>
<td>11.34%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>11.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.1 years, 19.9 years, 25.0 years, 8.2 years, 25.7 years, 26.2 years, 24.6 years
- **Number of annuitants**: 14, 1, 33, 0, 3, 26, 2
- **Number of active contributing members**: 40, 8, 55, 5, 6, 33, 9
- **Number of inactive members**: 42, 6, 50, 4, 0, 16, 3
- **Average age of contributing members**: 40.2 years, 47.6 years, 43.1 years, 37.7 years, 44.9 years, 7.1 years
- **Average length of service of contributing members**: 7.2 years, 10.3 years, 6.4 years, 6.2 years, 11.7 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members: $974,382, $1,357,046, $1,906, $62,018, $3,051,554, $10,837,446, $207,008
   - c. Annuitants: 1,456,128, 756,032, 51,062, 289,039, 4,165,244, 4,227,549, 227,119

2. **Total Actuarial Accrued Liability**: $2,664,478, $2,162,531, $63,998, $440,410, $4,820,189, $17,173,066, $305,337

3. **Actuarial value of assets**: $2,495,361, $1,821,847, $77,591, $512,342, $4,140,198, $14,395,407, $427,549

4. **Unfunded/(overfunded) actuarial accrued liability**: ($169,117), ($340,684), ($13,593), ($71,932), $679,991, $2,777,659, ($122,212)

5. **Funded Ratio**: 93.7%, 84.2%, 121.2%, 116.3%, 83.8%, 140.0%

6. **Annual Payroll**: $460,603, $1,011,667, $95,950, $303,154, $1,259,343, $3,858,464, $307,073

### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</th>
<th>Statutory Maximum Rate (Total Retirement Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Normal Cost</td>
<td>8.45%</td>
<td>5.80%</td>
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<td>2.50%</td>
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<td>Prior Service</td>
<td>2.31%</td>
<td>2.30%</td>
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<td>Total Retirement</td>
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<td>15.48%</td>
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<td>3.10%</td>
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<td>Supplemental Death</td>
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<td>0.33%</td>
<td>0.62%</td>
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<td>0.14%</td>
<td>0.09%</td>
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<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>11.50%</td>
<td>9.50%</td>
<td>7.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2014**: 25.0 years, 25.4 years, 25.0 years, 25.7 years, 26.2 years, 24.6 years
- **Number of annuitants**: 11, 5, 1, 1, 3, 9, 28
- **Number of active contributing members**: 14, 25, 2, 8, 32, 76, 8
- **Number of inactive members**: 17, 11, 4, 6, 11, 38, 10
- **Average age of contributing members**: 49.3 years, 40.1 years, 64.9 years, 43.7 years, 44.7 years, 39.2 years, 41.1 years
- **Average length of service of contributing members**: 7.2 years, 8.2 years, 0.5 years, 5.6 years, 10.5 years, 9.3 years, 4.5 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Wylie</th>
<th>Yoakum</th>
<th>Yorktown</th>
<th>Zavalla</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$27,184,273</td>
<td>$8,456,742</td>
<td>$374,605</td>
<td>$171,416</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>4,947,329</td>
<td>1,228,234</td>
<td>53,370</td>
<td>52,555</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>6,461,545</td>
<td>9,082,907</td>
<td>747,384</td>
<td>244,379</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$38,593,147</td>
<td>$18,767,883</td>
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<td>$468,350</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>29,356,226</td>
<td>15,771,625</td>
<td>1,265,690</td>
<td>454,139</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$9,236,921</td>
<td>$2,996,258</td>
<td>($90,331)</td>
<td>$14,211</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>76.1%</td>
<td>84.0%</td>
<td>107.7%</td>
<td>97.0%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$15,319,865</td>
<td>$3,227,033</td>
<td>$429,290</td>
<td>$252,553</td>
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### CITY CONTRIBUTION RATES FOR 2014

<table>
<thead>
<tr>
<th>Category</th>
<th>Wylie</th>
<th>Yoakum</th>
<th>Yorktown</th>
<th>Zavalla</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
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</tr>
<tr>
<td>Normal Cost</td>
<td>9.73%</td>
<td>10.35%</td>
<td>2.77%</td>
<td>3.01%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.76%</td>
<td>5.85%</td>
<td>-1.32%</td>
<td>0.38%</td>
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<tr>
<td>Total Retirement</td>
<td>13.49%</td>
<td>16.20%</td>
<td>1.45%</td>
<td>3.39%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.12%</td>
<td>0.25%</td>
<td>0.41%</td>
<td>0.00%</td>
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<tr>
<td>Total Rate</td>
<td>13.61%</td>
<td>16.45%</td>
<td>1.86%</td>
<td>3.39%</td>
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<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>13.50%</td>
<td>N/A</td>
<td>7.50%</td>
<td>9.50%</td>
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</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Category</th>
<th>Wylie</th>
<th>Yoakum</th>
<th>Yorktown</th>
<th>Zavalla</th>
</tr>
</thead>
<tbody>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2014</td>
<td>25.4 years</td>
<td>25.0 years</td>
<td>25.1 years</td>
<td>22.3 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>51</td>
<td>45</td>
<td>11</td>
<td>2</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>247</td>
<td>81</td>
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<td>9</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>93</td>
<td>39</td>
<td>20</td>
<td>6</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>40.5 years</td>
<td>44.7 years</td>
<td>48.9 years</td>
<td>41.9 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>9.1 years</td>
<td>12.3 years</td>
<td>10.5 years</td>
<td>4.8 years</td>
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</table>
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Crystal Beach</th>
<th>Floresville No. 1</th>
<th>Nacogdoches Memorial Hosp</th>
<th>Roy H. Laidlow Mem Hosp</th>
<th>Santa Anna</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. Actuarial Accrued Liability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>a. Contributing Members</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>607</td>
<td>0</td>
<td>0</td>
<td>6,663,342</td>
<td>0</td>
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<tr>
<td>c. Annuitants</td>
<td>78,827</td>
<td>20,858</td>
<td>28,928</td>
<td>4,169,955</td>
<td>534</td>
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<tr>
<td><strong>2. Total Actuarial Accrued Liability</strong></td>
<td>$79,434</td>
<td>$20,858</td>
<td>$28,928</td>
<td>$4,169,955</td>
<td>534</td>
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<tr>
<td><strong>3. Actuarial value of assets</strong></td>
<td>332,264</td>
<td>52,051</td>
<td>1,565,077</td>
<td>30,337,190</td>
<td>412,048</td>
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<tr>
<td><strong>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</strong></td>
<td>($252,830)</td>
<td>($31,193)</td>
<td>($1,536,149)</td>
<td>($496,107)</td>
<td>($411,514)</td>
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<tr>
<td><strong>5. Funded Ratio: (3) / (2)</strong></td>
<td>418.3%</td>
<td>249.5%</td>
<td>5410.2%</td>
<td>95.4%</td>
<td>7762.5%</td>
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<tr>
<td><strong>6. Annual Payroll</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td><strong>CITY CONTRIBUTION AMOUNT FOR 2014</strong></td>
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<td>$ -</td>
<td>$ 52,648</td>
<td>$ -</td>
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<td>Amortization Period</td>
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<td>N/A</td>
<td>N/A</td>
<td>15 Years</td>
<td>N/A</td>
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<td><strong>ADDITIONAL INFORMATION</strong></td>
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<tr>
<td>Number of annuitants</td>
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<td>1</td>
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<td>48</td>
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<tr>
<td>Number of inactive members</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>53</td>
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