June 17, 2011

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, 2010.

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 (‘‘SB 350’’) during the 82nd Regular Session of the Texas Legislature. The most significant assumption changes from the prior valuation involved altering the structure of the retirement assumption to reflect a city’s plan provisions and generally decreasing the turnover and forfeiture assumptions. The decrease in the assumed turnover was especially significant for those cities not previously in the low or mid-low turnover bands.

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 provided the information used in the supporting schedules in the Actuarial Section as well as portions of the Notes to the Financial Statements and the Required Supplementary Information 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 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 March 1, 2011 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, 2010 actuarial valuation will be applicable for the calendar year beginning January 1, 2012 and ending December 31, 2012.

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 March 1, 2011.

The TMRS staff supplied all of the data for retired, active and inactive members as of December 31, 2010. 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, 2010. 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 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. The most significant assumption changes from the prior valuation involved altering the structure of the retirement assumption to reflect a city’s plan provisions and generally decreasing the turnover and forfeiture assumptions. The combined System-wide impact of these changes is shown in the exhibits later in this section.

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.

<table>
<thead>
<tr>
<th>Age</th>
<th>Rate (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>5.25</td>
</tr>
<tr>
<td>25</td>
<td>5.25</td>
</tr>
<tr>
<td>30</td>
<td>5.25</td>
</tr>
<tr>
<td>35</td>
<td>5.00</td>
</tr>
<tr>
<td>40</td>
<td>4.50</td>
</tr>
<tr>
<td>45</td>
<td>4.50</td>
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<td>4.00</td>
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<tr>
<td>55</td>
<td>4.00</td>
</tr>
<tr>
<td>60</td>
<td>3.75</td>
</tr>
<tr>
<td>65 &amp; over</td>
<td>3.50</td>
</tr>
</tbody>
</table>

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>
<tr>
<td>3 - 4</td>
<td>7.00</td>
</tr>
<tr>
<td>4 - 5</td>
<td>6.00</td>
</tr>
<tr>
<td>5 - 6</td>
<td>6.00</td>
</tr>
<tr>
<td>6 - 7</td>
<td>5.50</td>
</tr>
<tr>
<td>7 - 8</td>
<td>5.50</td>
</tr>
<tr>
<td>8 - 9</td>
<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>Males</th>
<th>Years of Service</th>
<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>Base Table</td>
<td></td>
<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>Base Table</td>
<td></td>
<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>Base Table</td>
<td></td>
<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>0.0941</td>
<td>0.0881</td>
<td>0.0744</td>
</tr>
<tr>
<td>Base Table</td>
<td></td>
<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>
</tr>
<tr>
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<td></td>
<td>40</td>
<td>0.2641</td>
<td>0.1987</td>
<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>0.1470</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>Base Table</td>
<td></td>
<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>
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<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>
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<td>0.0601</td>
</tr>
<tr>
<td>Base Table</td>
<td></td>
<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>
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<tr>
<td>Base Table</td>
<td></td>
<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>Base Table</td>
<td></td>
<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>
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<td>0.0681</td>
<td>0.0575</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Females</th>
<th>Years of Service</th>
<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>Base Table</td>
<td></td>
<td>20</td>
<td>0.3289</td>
<td>0.2849</td>
<td>0.2465</td>
<td>0.2162</td>
<td>0.1941</td>
<td>0.1780</td>
<td>0.1621</td>
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<tr>
<td>Base Table</td>
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<td>25</td>
<td>0.3079</td>
<td>0.2623</td>
<td>0.2252</td>
<td>0.1972</td>
<td>0.1774</td>
<td>0.1633</td>
<td>0.1496</td>
<td>0.1346</td>
<td>0.1191</td>
<td>0.1037</td>
</tr>
<tr>
<td>Base Table</td>
<td></td>
<td>30</td>
<td>0.2837</td>
<td>0.2343</td>
<td>0.1976</td>
<td>0.1718</td>
<td>0.1549</td>
<td>0.1434</td>
<td>0.1330</td>
<td>0.1214</td>
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<td>0.0938</td>
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<tr>
<td>Base Table</td>
<td></td>
<td>35</td>
<td>0.2664</td>
<td>0.2138</td>
<td>0.1761</td>
<td>0.1512</td>
<td>0.1360</td>
<td>0.1264</td>
<td>0.1185</td>
<td>0.1094</td>
<td>0.0984</td>
<td>0.0851</td>
</tr>
<tr>
<td>Base Table</td>
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<td>0.2532</td>
<td>0.1977</td>
<td>0.1585</td>
<td>0.1335</td>
<td>0.1192</td>
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<td>0.1048</td>
<td>0.0978</td>
<td>0.0887</td>
<td>0.0770</td>
</tr>
<tr>
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<td>0.2427</td>
<td>0.1856</td>
<td>0.1449</td>
<td>0.1194</td>
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<td>0.0973</td>
<td>0.0921</td>
<td>0.0865</td>
<td>0.0792</td>
<td>0.0696</td>
</tr>
<tr>
<td>Base Table</td>
<td></td>
<td>50</td>
<td>0.2337</td>
<td>0.1765</td>
<td>0.1352</td>
<td>0.1088</td>
<td>0.0936</td>
<td>0.0854</td>
<td>0.0802</td>
<td>0.0755</td>
<td>0.0698</td>
<td>0.0629</td>
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<td>0.1699</td>
<td>0.1294</td>
<td>0.1020</td>
<td>0.0849</td>
<td>0.0753</td>
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<td>0.0606</td>
<td>0.0569</td>
</tr>
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<td>60</td>
<td>0.2166</td>
<td>0.1659</td>
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<td>0.0992</td>
<td>0.0793</td>
<td>0.0671</td>
<td>0.0590</td>
<td>0.0541</td>
<td>0.0515</td>
<td>0.0516</td>
</tr>
<tr>
<td>Base Table</td>
<td></td>
<td>65</td>
<td>0.2082</td>
<td>0.1629</td>
<td>0.1275</td>
<td>0.0979</td>
<td>0.0749</td>
<td>0.0596</td>
<td>0.0493</td>
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<tr>
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<td></td>
<td>70</td>
<td>0.1990</td>
<td>0.1593</td>
<td>0.1270</td>
<td>0.0962</td>
<td>0.0697</td>
<td>0.0512</td>
<td>0.0384</td>
<td>0.0322</td>
<td>0.0327</td>
<td>0.0412</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>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>
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<tr>
<td>55</td>
<td>0.003421</td>
<td>0.002652</td>
</tr>
<tr>
<td>60</td>
<td>0.006428</td>
<td>0.004980</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>

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>
<tbody>
<tr>
<td>40</td>
<td>0.018057</td>
<td>0.005960</td>
</tr>
<tr>
<td>45</td>
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<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>
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<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>

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>
<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>

### 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>
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<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 adjusted 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Entry Age Groups</td>
<td>Entry Age Groups</td>
</tr>
<tr>
<td></td>
<td>Ages 32 and under</td>
<td>Ages 33-47</td>
</tr>
<tr>
<td>40-44</td>
<td>0.06</td>
<td>-</td>
</tr>
<tr>
<td>45-49</td>
<td>0.06</td>
<td>-</td>
</tr>
<tr>
<td>50-52</td>
<td>0.08</td>
<td>-</td>
</tr>
<tr>
<td>53</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>54</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>55-59</td>
<td>0.14</td>
<td>0.10</td>
</tr>
<tr>
<td>60</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>61</td>
<td>0.25</td>
<td>0.30</td>
</tr>
<tr>
<td>62</td>
<td>0.32</td>
<td>0.25</td>
</tr>
<tr>
<td>63</td>
<td>0.32</td>
<td>0.23</td>
</tr>
<tr>
<td>64</td>
<td>0.32</td>
<td>0.35</td>
</tr>
<tr>
<td>65</td>
<td>0.32</td>
<td>0.32</td>
</tr>
<tr>
<td>66-69</td>
<td>0.22</td>
<td>0.22</td>
</tr>
<tr>
<td>70-74</td>
<td>0.20</td>
<td>0.22</td>
</tr>
<tr>
<td>75 and over</td>
<td>1.00</td>
<td>1.00</td>
</tr>
</tbody>
</table>

**Note:** For cities without a 20-year/any age 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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5%</td>
</tr>
<tr>
<td>1-1</td>
<td>0.75</td>
</tr>
<tr>
<td>1.5 - 1</td>
<td>0.81</td>
</tr>
<tr>
<td>2 - 1</td>
<td>0.86</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.

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 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 years times 1%).

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.

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 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.

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 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 their eligible account balance.

8. Inactive population: All non-vested members of a city are assumed to take an immediate refund if they are not contributing members in another city. Vested members not contributing in another city are assumed to take a deferred retirement benefit, except for those who have terminated in the past 12 months for whom one year of forfeiture probability is assumed. The forfeiture rates for inactive members of a city who are contributing members in another city are equal to the probability of termination multiplied by the forfeiture rates shown in II(A) and II(B), respectively. These rates are applied each year until retirement eligibility. Once a member is retirement eligible, they are assumed to commence benefits based on the service retirement rates shown in II(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: Decrement rates 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 assets over the actuarial 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 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.

20. **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. Current service benefits are a function of a member’s deposits, and are allocated to the year in which deposits are made. Prior service benefits are 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 accrued liability.
As of December 31, 2010, 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 842 total city plans, with 837 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.

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, 2010, there were 3,688 more retirement accounts than people who retired. In addition, this schedule excludes 489 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.

* The number of accounts added to the rolls in 2005 included 619 alternate recipients of benefits as a result of Qualified Domestic Relations Orders (QDROs). Previously these were not treated as separate accounts for valuation purposes, and the benefits were included with the participant benefits. The annual benefit amounts added to the rolls do not include any additional monies resulting from these QDROs.
### Summary of Actuarial Liabilities & Funding Progress
(Pension Trust Fund)

(Amounts in Millions of Dollars)

<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) / (5)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>$12,486.1</td>
<td>$15,095.2</td>
<td>82.7 %</td>
<td>$2,609.1</td>
<td>$3,721.9</td>
<td>70.1 %</td>
<td>$446.3</td>
<td>12.0 %</td>
</tr>
<tr>
<td>2006</td>
<td>13,312.7</td>
<td>16,219.7</td>
<td>82.1</td>
<td>2,907.0</td>
<td>3,949.2</td>
<td>73.6</td>
<td>470.7</td>
<td>11.9</td>
</tr>
<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-O</td>
<td>17,992.5</td>
<td>22,990.5</td>
<td>78.3</td>
<td>4,998.0</td>
<td>4,797.9</td>
<td>104.2</td>
<td>679.3</td>
<td>14.2</td>
</tr>
<tr>
<td>2010-N</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>
</tbody>
</table>

O = Old – Results based on actuarial assumptions, prior to restructuring.
N = New – Results based on actuarial assumptions adopted as part of restructuring.

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.

For 2005 through 2010-O above, columns (1) and (2) also include the assets and liabilities of the Current Service Annuity Reserve Fund (CSARF) and the Supplemental Disability Benefits Fund (Supp. Disab.), respectively. As of December 31, 2010, prior to restructuring, these amounts were (in millions):

<table>
<thead>
<tr>
<th>CSARF</th>
<th>Supp. Disab.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assets</td>
<td>$5,989.0</td>
</tr>
<tr>
<td>Liabilities</td>
<td>6,099.0</td>
</tr>
</tbody>
</table>

* Actuarial assumptions were modified with the December 31, 2007 valuation, along with a change in the actuarial funding method to pre-fund for annually repeating updated service credits and annuity increases.
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.

<table>
<thead>
<tr>
<th>Valuation Date</th>
<th>Actuarial Liabilities for</th>
<th>Net Assets Available for Benefits</th>
<th>Portion of Actuarial Liabilities Covered by Net Assets</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(1) Current Member</td>
<td>(2) Retirees and Beneficiaries</td>
<td>(3) Current Members (Employer-Financed Portion)</td>
</tr>
<tr>
<td></td>
<td>Contributions</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2005</td>
<td>$3,453.9</td>
<td>$5,121.3</td>
<td>$6,520.0</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2006</td>
<td>3,625.0</td>
<td>5,675.3</td>
<td>6,919.4</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2007</td>
<td>3,784.2</td>
<td>7,201.5</td>
<td>8,293.1</td>
</tr>
<tr>
<td></td>
<td></td>
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</tr>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2008</td>
<td>3,968.0</td>
<td>7,550.3</td>
<td>8,842.5</td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2009</td>
<td>4,203.9</td>
<td>7,941.6</td>
<td>9,379.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2010-O</td>
<td>4,403.9</td>
<td>8,418.5</td>
<td>10,168.2</td>
</tr>
<tr>
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<tr>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12/31/2010-N</td>
<td>4,403.9</td>
<td>7,598.6</td>
<td>8,479.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

O = Old – Results based on actuarial assumptions, prior to restructuring.
N = New – Results based on actuarial assumptions adopted as part of restructuring.
### Distribution of Cities by Total 2012 Contribution Rate (Prior to Restructuring)

<table>
<thead>
<tr>
<th>Number of Contributing Members as of 12/31/2010</th>
<th>3.00% - 5.49%</th>
<th>5.50% - 7.99%</th>
<th>8.00% - 10.49%</th>
<th>10.50% - 12.99%</th>
<th>13.00% - 15.49%</th>
<th>15.50% - 17.99%</th>
<th>18.00% - 20.49%</th>
<th>Over 20.49%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 5</td>
<td>19</td>
<td>22</td>
<td>23</td>
<td>8</td>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
<td>85</td>
</tr>
<tr>
<td>6 - 10</td>
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<td>120</td>
</tr>
<tr>
<td>11 - 20</td>
<td>30</td>
<td>36</td>
<td>30</td>
<td>19</td>
<td>17</td>
<td>4</td>
<td>4</td>
<td>6</td>
<td>153</td>
</tr>
<tr>
<td>21 - 40</td>
<td>11</td>
<td>24</td>
<td>23</td>
<td>30</td>
<td>15</td>
<td>7</td>
<td>2</td>
<td>8</td>
<td>132</td>
</tr>
<tr>
<td>41 - 70</td>
<td>2</td>
<td>10</td>
<td>11</td>
<td>13</td>
<td>15</td>
<td>11</td>
<td>6</td>
<td>4</td>
<td>87</td>
</tr>
<tr>
<td>71 - 100</td>
<td>-</td>
<td>3</td>
<td>2</td>
<td>12</td>
<td>13</td>
<td>13</td>
<td>5</td>
<td>7</td>
<td>59</td>
</tr>
<tr>
<td>101 - 150</td>
<td>1</td>
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<td>66</td>
</tr>
<tr>
<td>151 - 250</td>
<td>-</td>
<td>2</td>
<td>2</td>
<td>4</td>
<td>6</td>
<td>9</td>
<td>11</td>
<td>9</td>
<td>46</td>
</tr>
<tr>
<td>251 - 750</td>
<td>-</td>
<td>-</td>
<td>2</td>
<td>4</td>
<td>4</td>
<td>11</td>
<td>13</td>
<td>10</td>
<td>61</td>
</tr>
<tr>
<td>OVER 750</td>
<td>-</td>
<td>-</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>4</td>
<td>8</td>
<td>5</td>
<td>28</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>94</strong></td>
<td><strong>138</strong></td>
<td><strong>122</strong></td>
<td><strong>108</strong></td>
<td><strong>94</strong></td>
<td><strong>73</strong></td>
<td><strong>52</strong></td>
<td><strong>59</strong></td>
<td><strong>837</strong></td>
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</tbody>
</table>

### Distribution of Cities by Total 2012 Contribution Rate (After Restructuring)

<table>
<thead>
<tr>
<th>Number of Contributing Members as of 12/31/2010</th>
<th>3.00% - 5.49%</th>
<th>5.50% - 7.99%</th>
<th>8.00% - 10.49%</th>
<th>10.50% - 12.99%</th>
<th>13.00% - 15.49%</th>
<th>15.50% - 17.99%</th>
<th>18.00% - 20.49%</th>
<th>Over 20.49%</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 5</td>
<td>35</td>
<td>26</td>
<td>11</td>
<td>4</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>6 - 10</td>
<td>62</td>
<td>29</td>
<td>11</td>
<td>8</td>
<td>1</td>
<td>4</td>
<td>4</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>11 - 20</td>
<td>59</td>
<td>30</td>
<td>25</td>
<td>16</td>
<td>7</td>
<td>6</td>
<td>3</td>
<td>11</td>
<td>153</td>
</tr>
<tr>
<td>21 - 40</td>
<td>31</td>
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<td>23</td>
<td>28</td>
<td>14</td>
<td>7</td>
<td>5</td>
<td>2</td>
<td>132</td>
</tr>
<tr>
<td>41 - 70</td>
<td>6</td>
<td>12</td>
<td>11</td>
<td>16</td>
<td>21</td>
<td>8</td>
<td>10</td>
<td>3</td>
<td>87</td>
</tr>
<tr>
<td>71 - 100</td>
<td>1</td>
<td>4</td>
<td>6</td>
<td>16</td>
<td>13</td>
<td>6</td>
<td>8</td>
<td>5</td>
<td>59</td>
</tr>
<tr>
<td>101 - 150</td>
<td>2</td>
<td>4</td>
<td>8</td>
<td>9</td>
<td>16</td>
<td>10</td>
<td>11</td>
<td>4</td>
<td>66</td>
</tr>
<tr>
<td>151 - 250</td>
<td>2</td>
<td>3</td>
<td>5</td>
<td>2</td>
<td>7</td>
<td>11</td>
<td>12</td>
<td>3</td>
<td>46</td>
</tr>
<tr>
<td>251 - 750</td>
<td>-</td>
<td>3</td>
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<td>4</td>
<td>11</td>
<td>15</td>
<td>10</td>
<td>11</td>
<td>61</td>
</tr>
<tr>
<td>OVER 750</td>
<td>-</td>
<td>2</td>
<td>1</td>
<td>5</td>
<td>3</td>
<td>5</td>
<td>5</td>
<td>2</td>
<td>28</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>198</strong></td>
<td><strong>131</strong></td>
<td><strong>105</strong></td>
<td><strong>108</strong></td>
<td><strong>99</strong></td>
<td><strong>73</strong></td>
<td><strong>69</strong></td>
<td><strong>37</strong></td>
<td><strong>837</strong></td>
</tr>
</tbody>
</table>
Comparison of the Rate Calculated in the Valuation to the Rate for the Same Plan of Benefits Based on the Valuation for the Previous Year

<table>
<thead>
<tr>
<th>Valuation Date</th>
<th>Decrease of 0.50% or More</th>
<th>Decrease or Increase of Less than 0.50%</th>
<th>Increase of 0.50% or More</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/31/2005</td>
<td>100</td>
<td>575</td>
<td>131</td>
<td>806</td>
</tr>
<tr>
<td>12/31/2006</td>
<td>97</td>
<td>556</td>
<td>163</td>
<td>816</td>
</tr>
<tr>
<td>12/31/2007(O)</td>
<td>119</td>
<td>582</td>
<td>122</td>
<td>823</td>
</tr>
<tr>
<td>12/31/2007(N)</td>
<td>184</td>
<td>145</td>
<td>494</td>
<td>823</td>
</tr>
<tr>
<td>12/31/2007(P)</td>
<td>211</td>
<td>365</td>
<td>247</td>
<td>823</td>
</tr>
<tr>
<td>12/31/2008*</td>
<td>125</td>
<td>338</td>
<td>360</td>
<td>823</td>
</tr>
<tr>
<td>12/31/2009*</td>
<td>90</td>
<td>570</td>
<td>169</td>
<td>829</td>
</tr>
<tr>
<td>12/31/2010(PR)</td>
<td>88</td>
<td>575</td>
<td>169</td>
<td>832</td>
</tr>
<tr>
<td>12/31/2010(R)</td>
<td>746</td>
<td>72</td>
<td>14</td>
<td>832</td>
</tr>
</tbody>
</table>

* Counts reflect only active cities as of the prior year’s valuation.
(PR) Results from valuation prior to restructuring.
(R) Results from valuation under restructured funds (with updated assumptions).

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 2003-2006 study of actuarial experience, new actuarial assumptions were adopted by the Board of Trustees, effective with the December 31, 2007 valuation.

Also effective with the December 31, 2007 valuation, the actuarial funding method was changed to the Projected Unit Credit actuarial cost method, which fully recognizes annually repeating updated service credit and annuity increases for cities adopting these provisions. Previously the impact of the annual increases was recognized as it occurred. In order to prevent burdensome cost increases as a consequence of the revisions in actuarial assumptions and method, an eight-year phase-in of the increase attributable to assumption changes was implemented for cities with increases of 0.5% or more.

The line above indicated as 12/31/2007(O) shows a summary of what the changes in the cities’ contribution rates from 2008 to 2009 would have been if the old assumptions and funding method had been used. Line 12/31/2007(N) shows the changes with the new assumptions and funding method. Line 12/31/2007(P) provides the changes after the eight-year phase-in adjustments.

Also, as part of the fund restructuring that resulted from the passage of SB 350 (see footnotes for further details), new actuarial assumptions were adopted by the Board of Trustees, effective with the December 31, 2010 valuation. The 12/31/2010 (PR) results are based on the valuation prior to restructuring, or under assumptions used for the 2007 through 2009 valuations. The 12/31/2010 (R) line shows the results based on restructured assumptions.
## Analysis of Financial Experience (Pension Trust Fund)

### Changes in the Unfunded Actuarial Accrued Liability
(Amounts in Millions)

<table>
<thead>
<tr>
<th>Item</th>
<th>2010</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Interest</td>
<td>$361.8</td>
<td>$364.6</td>
</tr>
<tr>
<td>Amortization payments</td>
<td>(301.1)</td>
<td>(297.1)</td>
</tr>
<tr>
<td>Asset experience</td>
<td>(111.8)</td>
<td>-</td>
</tr>
<tr>
<td>Assumption changes / legislative changes</td>
<td>(1,390.7)</td>
<td>-</td>
</tr>
<tr>
<td>Liability experience</td>
<td>(78.0)</td>
<td>100.6</td>
</tr>
<tr>
<td>Benefit modifications</td>
<td>(293.1)</td>
<td>(262.6)</td>
</tr>
<tr>
<td>Contributions different than actuarially calculated</td>
<td>89.0</td>
<td>102.8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$(1,723.9)</td>
<td>$8.3</td>
</tr>
</tbody>
</table>
June 17, 2011

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 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. The most significant assumption changes from the prior valuation involved altering the structure of the retirement assumption to reflect a city’s plan provisions and generally decreasing the turnover and forfeiture assumptions.

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 provided the information used in the supporting schedules in the Actuarial Section as well as portions of the Notes to the Financial Statements and the Required Supplementary Information 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 determining the 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 March 1, 2011 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, 2010 actuarial valuation will be applicable for the calendar year beginning January 1, 2012 and ending December 31, 2012.

The TMRS staff supplied all of the member data and annuitant data for active and retired members as of December 31, 2010. 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, 2010. 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 for disclosure as set forth in GASB Statement No. 43. We provided the information used in the supporting schedules in the Actuarial Section as well as portions of the Notes to the Financial Statements and the Required Supplementary Information 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 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 determining the 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.
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. The most significant assumption changes from the prior valuation involved altering the structure of the retirement assumption to reflect a city’s plan provisions and generally decreasing the turnover and forfeiture assumptions.

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>Males</th>
<th>Years of Service</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>Age</td>
<td></td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
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<td>65</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.3298</td>
<td>0.3123</td>
<td>0.2930</td>
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<td>0.2506</td>
<td>0.2364</td>
<td>0.2215</td>
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<tr>
<td></td>
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<td>0.0842</td>
<td>0.0789</td>
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<td>0.0730</td>
<td>0.0720</td>
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<tr>
<td></td>
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<td>0.0867</td>
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<td>0.0616</td>
<td>0.0616</td>
<td>0.0601</td>
<td>0.0601</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. 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>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**

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>0.006428</td>
<td>0.004980</td>
</tr>
<tr>
<td>65</td>
<td>0.012210</td>
<td>0.009561</td>
</tr>
<tr>
<td>70</td>
<td>0.021220</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>
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>

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>
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 adjusted 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>
</tr>
</thead>
<tbody>
<tr>
<td>40-44</td>
<td>0.06</td>
<td>-</td>
</tr>
<tr>
<td>45-49</td>
<td>0.06</td>
<td>-</td>
</tr>
<tr>
<td>50-52</td>
<td>0.08</td>
<td>-</td>
</tr>
<tr>
<td>53</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>54</td>
<td>0.08</td>
<td>0.10</td>
</tr>
<tr>
<td>55-59</td>
<td>0.14</td>
<td>0.10</td>
</tr>
<tr>
<td>60</td>
<td>0.20</td>
<td>0.15</td>
</tr>
<tr>
<td>61</td>
<td>0.25</td>
<td>0.30</td>
</tr>
<tr>
<td>62</td>
<td>0.32</td>
<td>0.25</td>
</tr>
<tr>
<td>63</td>
<td>0.32</td>
<td>0.23</td>
</tr>
<tr>
<td>64</td>
<td>0.32</td>
<td>0.35</td>
</tr>
<tr>
<td>65</td>
<td>0.32</td>
<td>0.32</td>
</tr>
<tr>
<td>66-69</td>
<td>0.22</td>
<td>0.22</td>
</tr>
<tr>
<td>70-74</td>
<td>0.20</td>
<td>0.22</td>
</tr>
<tr>
<td>75 and over</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>5%</th>
<th>6%</th>
<th>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 – 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, they are 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: Decrements of all types are assumed to occur mid-year.

4. 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.

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

5. **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.

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>
</tr>
</thead>
<tbody>
<tr>
<td>2007</td>
<td>$ 24.7</td>
<td>$ 113.6</td>
<td>21.7 %</td>
<td>$ 88.9</td>
<td>$ 2,853.5</td>
<td>3.1 %</td>
</tr>
<tr>
<td>2008</td>
<td>26.1</td>
<td>120.9</td>
<td>21.6</td>
<td>94.8</td>
<td>2,985.0</td>
<td>3.2</td>
</tr>
<tr>
<td>2009</td>
<td>27.2</td>
<td>139.1</td>
<td>19.6</td>
<td>111.9</td>
<td>3,148.4</td>
<td>3.5</td>
</tr>
<tr>
<td>2010</td>
<td>27.1</td>
<td>147.7</td>
<td>18.3</td>
<td>120.6</td>
<td>3,103.5</td>
<td>3.9</td>
</tr>
</tbody>
</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**
     - Abernathy: $493,073
     - Abilene: $1,094,948
     - Addison: $483,102
     - Alamo: $4,551,778
     - Alamo Heights: $7,297,390
     - Alba: $132,366
   - **Noncontributing Members**
     - Abernathy: 316,733
     - Abilene: 110,270,578
     - Addison: 28,717,602
     - Alamo: 504,28
     - Alamo Heights: 8,273,620
     - Alba: 0
   - **Annuitants**
     - Abernathy: 316,173
     - Abilene: 110,270,578
     - Addison: 28,717,602
     - Alamo: 504,28
     - Alamo Heights: 8,273,620
     - Alba: 0

2. **Total Actuarial Accrued Liability**
   - Abernathy: $858,444
   - Abilene: $221,539,893
   - Addison: $86,525,773
   - Alamo: $5,723,745
   - Alamo Heights: $17,641,990
   - Alba: $132,977

3. **Actuarial value of assets**
   - Abernathy: $732,144
   - Abilene: $203,955,283
   - Addison: $83,398,352
   - Alamo: $4,037,306
   - Alamo Heights: $11,004,917
   - Alba: $121,932

4. **Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
   - Abernathy: $126,300
   - Abilene: $17,584,610
   - Addison: $3,127,421
   - Alamo: $1,686,439
   - Alamo Heights: $6,637,073
   - Alba: $11,045

5. **Funded Ratio: (3) / (2)**
   - Abernathy: 85.3%
   - Abilene: 92.1%
   - Addison: 96.4%
   - Alamo: 70.5%
   - Alamo Heights: 62.4%
   - Alba: 91.7%

6. **Annual Payroll**
   - Abernathy: $498,274
   - Abilene: $38,492,784
   - Addison: $16,680,756
   - Alamo: $3,551,267
   - Alamo Heights: $4,540,318
   - Alba: $500,183

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- **Normal Cost**
  - Abernathy: 2.44%
  - Abilene: 8.98%
  - Addison: 9.56%
  - Alamo: 4.75%
  - Alamo Heights: 7.17%
  - Alba: 2.15%
- **Prior Service**
  - Abernathy: 1.74%
  - Abilene: 2.75%
  - Addison: 1.27%
  - Alamo: 2.85%
  - Alamo Heights: 8.78%
  - Alba: -0.46%
- **Total Retirement**
  - Abernathy: 4.18%
  - Abilene: 11.73%
  - Addison: 10.83%
  - Alamo: 7.60%
  - Alamo Heights: 15.95%
  - Alba: 2.47%

#### Supplemental Death
- Abernathy: 0.31%
- Abilene: 0.24%
- Addison: 0.16%
- Alamo: 0.17%
- Alamo Heights: 0.30%
- Alba: 0.22%

#### Total Rate
- Abernathy: 4.49%
- Abilene: 11.97%
- Addison: 10.99%
- Alamo: 7.77%
- Alamo Heights: 16.12%
- Alba: 0.32%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Abernathy: N/A
- Abilene: 10.80%
- Addison: 13.14%
- Alamo: 12.00%
- Alamo Heights: 13.50%
- Alba: N/A

#### Statutory Maximum Rate (Total Retirement Only)
- Abernathy: N/A
- Abilene: 11.50%
- Addison: 13.50%
- Alamo: 11.50%
- Alamo Heights: 13.50%
- Alba: N/A

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
  - Abernathy: 21.7 years
  - Abilene: 27.0 years
  - Addison: 22.2 years
  - Alamo: 27.1 years
  - Alamo Heights: 27.1 years
  - Alba: 22.1 years
- **Number of annuitants**
  - Abernathy: 6
  - Abilene: 634
  - Addison: 120
  - Alamo: 12
  - Alamo Heights: 57
  - Alba: 0
- **Number of active contributing members**
  - Abernathy: 14
  - Abilene: 960
  - Addison: 247
  - Alamo: 113
  - Alamo Heights: 6
  - Alba: 17
- **Number of inactive members**
  - Abernathy: 9
  - Abilene: 368
  - Addison: 134
  - Alamo: 83
  - Alamo Heights: 1
  - Alba: 11
- **Average age of contributing members**
  - Abernathy: 42.6 years
  - Abilene: 44.0 years
  - Addison: 42.6 years
  - Alamo: 41.3 years
  - Alamo Heights: 39.8 years
  - Alba: 52.4 years
- **Average length of service of contributing members**
  - Abernathy: 9.8 years
  - Abilene: 10.5 years
  - Addison: 13.0 years
  - Alamo: 9.3 years
  - Alamo Heights: 10.3 years
  - Alba: 7.4 years

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
  - Aledo: 21.7 years
  - Alice: 27.0 years
  - Allen: 22.2 years
  - Alpine: 27.1 years
  - Alton: 27.1 years
  - Alvarado: 22.1 years
- **Number of annuitants**
  - Aledo: 2
  - Alice: 104
  - Allen: 91
  - Alpine: 26
  - Alton: 57
  - Alvarado: 0
- **Number of active contributing members**
  - Aledo: 12
  - Alice: 222
  - Allen: 629
  - Alpine: 52
  - Alton: 12
  - Alvarado: 65
- **Number of inactive members**
  - Aledo: 9
  - Alice: 65
  - Allen: 257
  - Alpine: 30
  - Alton: 47
  - Alvarado: 1
- **Average age of contributing members**
  - Aledo: 39.0 years
  - Alice: 44.2 years
  - Allen: 41.2 years
  - Alpine: 42.6 years
  - Alton: 43.7 years
  - Alvarado: 37.6 years
- **Average length of service of contributing members**
  - Aledo: 9.8 years
  - Alice: 10.5 years
  - Allen: 13.0 years
  - Alpine: 9.3 years
  - Alton: 10.3 years
  - Alvarado: 7.4 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members
   - b. Noncontributing Members
   - c. Annuitants

2. Total Actuarial Accrued Liability

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 2012

**Retirement**
- Normal Cost
- Prior Service
- Total Retirement
- Supplemental Death
- Total Rate
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Statutory Maximum Rate (Total Retirement Only)

**Supplemental Death**

**Phase-In Rate**

**Statutory Maximum Rate**

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012
- Number of annuitants
- Number of active contributing members
- Number of inactive members
- Average age of contributing members
- Average length of service of contributing members

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<table>
<thead>
<tr>
<th>City</th>
<th>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>Anna</td>
<td>$2,300,622</td>
<td>$467,412</td>
<td>$1,194,753</td>
<td>53.3%</td>
<td>$1,980,471</td>
</tr>
<tr>
<td>Anson</td>
<td>$206,727</td>
<td>$71,305</td>
<td>$11,117</td>
<td>98.6%</td>
<td>$577,186</td>
</tr>
<tr>
<td>Anthony</td>
<td>$3,636,493</td>
<td>$238,006</td>
<td>$11,177</td>
<td>69.4%</td>
<td>$577,186</td>
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<tr>
<td>Aransas</td>
<td>$2,557,188</td>
<td>$765,006</td>
<td>$2,557,188</td>
<td>53.3%</td>
<td>$2,557,188</td>
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<tr>
<td>Aransas Pass</td>
<td>$478,262</td>
<td>$751,660</td>
<td>$30,617,211</td>
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<td>$497,775</td>
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<tr>
<td>Anchor City</td>
<td>$1,362,435</td>
<td>$443,757</td>
<td>$7,515,973</td>
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<td>$1,242,947</td>
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<tr>
<td>Angie</td>
<td>$1,194,753</td>
<td>$250,006</td>
<td>$1,132,303</td>
<td>70.7%</td>
<td>$1,194,753</td>
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<tr>
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<td>$1,987,450</td>
<td>$310,006</td>
<td>$1,677,494</td>
<td>65.4%</td>
<td>$1,980,471</td>
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<table>
<thead>
<tr>
<th>City</th>
<th>Retirement</th>
<th>Supplemental Death</th>
<th>Total Rate</th>
<th>Phase-In Rate</th>
<th>Statutory Maximum Rate</th>
</tr>
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<tbody>
<tr>
<td>Anna</td>
<td>68.3%</td>
<td>0.15%</td>
<td>2.52%</td>
<td>11.16%</td>
<td>10.96%</td>
</tr>
<tr>
<td>Anson</td>
<td>66.8%</td>
<td>0.15%</td>
<td>0.56%</td>
<td>16.33%</td>
<td>16.33%</td>
</tr>
<tr>
<td>Anthony</td>
<td>66.8%</td>
<td>0.15%</td>
<td>1.85%</td>
<td>11.16%</td>
<td>10.96%</td>
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<tr>
<th>City</th>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2012</th>
<th>Number of annuitants</th>
<th>Number of active contributing members</th>
<th>Number of inactive members</th>
<th>Average age of contributing members</th>
<th>Average length of service of contributing members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anna</td>
<td>27.3 years</td>
<td>1</td>
<td>43</td>
<td>39.9 years</td>
<td>18.0 years</td>
<td>6.9 years</td>
</tr>
<tr>
<td>Anson</td>
<td>18.0 years</td>
<td>1</td>
<td>43</td>
<td>39.9 years</td>
<td>18.0 years</td>
<td>6.9 years</td>
</tr>
<tr>
<td>Anthony</td>
<td>27.1 years</td>
<td>4</td>
<td>43</td>
<td>39.9 years</td>
<td>18.0 years</td>
<td>6.9 years</td>
</tr>
<tr>
<td>Aransas</td>
<td>27.1 years</td>
<td>7</td>
<td>43</td>
<td>39.9 years</td>
<td>18.0 years</td>
<td>6.9 years</td>
</tr>
<tr>
<td>Aransas Pass</td>
<td>27.1 years</td>
<td>7</td>
<td>43</td>
<td>39.9 years</td>
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<td>18.0 years</td>
<td>6.9 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members: $233,457, $239,621, $14,573,759, $1,611,576, $788,087, $36,025, $7,314,569
   - Noncontributing Members: 69,705, 13,235, 951,682, 340,981, 281,255, 0, 2,225,503
   - Annuitants: 167,663, 99,986, 7,845,615, 919,710, 78,767, 0, 4,133,640

2. **Total Actuarial Accrued Liability**: $470,825, $352,842, $23,371,056, $2,872,267, $1,148,109, $36,025, $13,673,712

3. **Actuarial value of assets**: 426,224, 448,756, 14,388,418, 2,199,940, 1,377,405, 46,957, 10,483,545

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3): $44,601, ($95,914), $8,982,638, $672,327, ($229,296), ($10,932), $3,190,167

5. **Funded Ratio**: (3) / (2): 90.5%, 127.2%, 61.6%, 76.6%, 120.0%, 130.3%, 76.7%

6. **Annual Payroll**: $220,153, $191,058, $5,757,882, $1,508,842, $1,540,955, $25,299, $5,177,612

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 2.67%, 2.88%, 11.62%, 3.78%, 0.28%, 6.02%, 7.45%
- Prior Service: 1.22%, -2.88%, 9.36%, 2.69%, -0.28%, -2.72%, 3.68%
- Total Retirement: 3.90%, 0.00%, 20.98%, 6.47%, 0.00%, 3.30%, 11.13%

#### Supplemental Death
- 0.22%, 0.16%, 0.16%, 0.23%, 0.09%, 0.21%, 0.14%
- Total Rate: 4.11%, 0.16%, 20.98%, 6.47%, 0.09%, 3.51%, 11.14%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A, N/A, 18.54%, N/A, N/A, N/A, N/A

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 27.0 years, 29.4 years, 27.1 years, 26.8 years, 100.0 years, 25.0 years, 27.4 years
- Number of annuitants: 3, 1, 44, 12, 5, 0, 48
- Number of active contributing members: 8, 6, 118, 44, 46, 1, 109
- Number of inactive members: 6, 3, 32, 8, 79, 0, 79
- Average age of contributing members: 42.2 years, 46.5 years, 42.6 years, 47.5 years, 37.0 years, 40.6 years
- Average length of service of contributing members: 8.5 years, 11.1 years, 10.7 years, 10.3 years, 6.1 years, 7.9 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - Contributing Members: $300,375, $10,351,591, $3,867,549, $1,341,881, $8,671, $1,164,350, $713,100
   - Noncontributing Members: 104,479, 1,723,834, 1,485,646, 360,050, 1,236, 1,308,273, 65,274
   - Annuitants: 186,889, 6,240,195, 6,352,704, 982,111, 0, 125,769, 1,432,332

2. **Total Actuarial Accrued Liability**: $591,743, $18,315,620, $11,705,899, $2,684,042, $9,907, $1,432,332, $1,381,619

3. **Actuarial value of assets**: 475,695, 12,607,678, 9,168,695, 2,491,082, 908,943, 1,308,915, 1,158,895

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3): $116,048, $5,707,942, $2,537,204, $192,960, ($14,049), $130,417, $222,724

5. **Funded Ratio**: (3) / (2): 80.4%, 68.8%, 78.3%, 92.8%, 241.8%, 90.9%, 83.9%

6. **Annual Payroll**: $290,622, $6,310,815, $2,111,921, $947,996, $74,416, $554,442, $383,669

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 2.49%, 9.25%, 8.70%, 4.90%, 1.75%, 11.53%, 10.96%
- Prior Service: 2.73%, 5.41%, 7.20%, 1.22%, -1.19%, 1.41%, 3.52%
- Total Retirement: 5.22%, 14.66%, 15.90%, 6.12%, 0.56%, 12.94%, 14.48%

#### Supplemental Death
- 0.30%, 0.12%, 0.15%, 0.29%, 0.20%, 0.51%, 0.21%
- Total Rate: 5.52%, 14.78%, 16.05%, 6.41%, 0.76%, 13.45%, 14.69%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A, 13.11%, 15.66%, 5.41%, N/A, 12.82%, N/A

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 21.9 years, 27.3 years, 27.2 years, 27.2 years, 24.9 years, 27.2 years, 26.6 years
- Number of annuitants: 3, 3, 141, 3, 8, 28
- Number of active contributing members: 9, 9, 49, 9, 8, 45
- Number of inactive members: 8, 3, 15, 3, 3, 11
- Average age of contributing members: 42.4 years, 42.8 years, 48.6 years, 51.2 years, 52.8 years, 48.1 years
- Average length of service of contributing members: 10.4 years, 7.6 years, 9.2 years, 1.8 years, 9.2 years, 6.3 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   b. Noncontributing Members 64,330 4,668 2,613,502 2,613,502 0 16,362,845 15,337,774
   c. Annuitants 313,221 0 2,405,861 11,602,123 0 92,185,866 147,392,371

2. Total Actuarial Accrued Liability $479,224 $469,473 $8,907,934 $25,352,756 $209,895 $207,323,199 $319,909,223

3. Actuarial value of assets 665,163 262,213 7,149,061 21,658,759 210,714 159,113,911 265,807,439

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($185,939) $207,260 $1,758,873 $3,693,997 ($819) $48,209,288 $54,101,784

5. Funded Ratio: (3) / (2) 138.8% 55.9% 80.3% 85.4% 100.4% 76.7% 83.1%

6. Annual Payroll $501,234 $327,506 $4,383,397 $6,395,007 $385,844 $38,310,687 $55,517,537

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost 1.73% 0.06% 6.40% 8.06% 3.24% 11.13% 10.67%
- Prior Service -1.73% 4.20% 2.41% 3.47% -0.01% 7.55% 5.92%
- Total Retirement 0.00% 4.26% 8.81% 11.53% 3.23% 18.68% 16.59%
- Supplemental Death 0.12% 0.16% 0.14% 0.24% 0.30% 0.15% 0.00%
- Total Rate 0.12% 4.42% 8.95% 11.77% 3.53% 18.83% 16.59%

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

N/A

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

- 7.50% 12.50% 11.50% 10.67% 11.13% 10.67% 10.67%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 46.4 years 22.9 years 27.1 years 27.1 years 45.1 years 27.1 years 26.6 years
- Number of annuitants: 5 0 29 80 0 342 628
- Number of active contributing members: 12 7 104 179 7 711 1,042
- Number of inactive members: 15 3 44 92 7 208 312
- Average age of contributing members: 39.4 years 48.2 years 41.7 years 44.1 years 49.4 years 40.5 years 44.8 years
- Average length of service of contributing members: 3.4 years 19.8 years 8.3 years 8.5 years 5.1 years 10.0 years 12.5 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   b. Noncontributing Members 92,554 527,681 1,096,805 5,486,557 2,130,593 129,128 791,546
   c. Annuitants 467,930 92,812 1,979,375 20,020,919 2,933,970 35,544 3,620,261

2. Total Actuarial Accrued Liability $13,872,080 $2,066,074 $7,283,354 $58,818,858 $9,079,380 $192,028 $8,064,001

3. Actuarial value of assets 2,424,829 1,594,191 9,113,820 44,315,806 8,384,112 233,273 5,502,975

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $11,447,251 $471,883 ($1,830,466) $14,503,052 $695,268 ($41,245) $2,561,026

5. Funded Ratio: (3) / (2) 17.5% 77.2% 125.1% 75.3% 92.3% 121.5% 68.2%

6. Annual Payroll $19,351,141 $1,803,977 $3,661,613 $8,911,808 $3,000,964 $180,922 $2,218,165

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost 0.73% 4.05% 2.33% 13.11% 6.93% 0.58% 8.04%
- Prior Service 3.81% 1.73% -2.33% 9.79% 1.39% -0.58% 6.94%
- Total Retirement 4.54% 5.78% 0.00% 22.90% 8.32% 0.00% 14.98%
- Supplemental Death 0.00% 0.15% 0.00% 0.20% 0.20% 0.12% 0.24%
- Total Rate 4.54% 5.93% 0.00% 23.10% 8.52% 0.12% 15.22%

#### 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 1/2012: 24.1 years 23.1 years 46.4 years 27.1 years 100.0 years 27.0 years
- Number of annuitants: 5 4 38 90 16 3 25
- Number of active contributing members: 335 32 112 152 7 6 53
- Number of inactive members: 21 17 44 69 52 5 29
- Average age of contributing members: 41.3 years 44.0 years 46.7 years 44.7 years 39.9 years 39.1 years 43.8 years
- Average length of service of contributing members: 11.0 years 7.0 years 12.7 years 13.9 years 7.3 years 2.9 years 9.6 years
## Summary of Actuarial Information

### 1. Actuarial Accrued Liability
   - **Contributing Members**: $8,126,449
   - **Noncontributing Members**: $848,513
   - **Annuitants**: $4,756,051

### 2. Total Actuarial Accrued Liability: $13,731,013

### 3. Actuarial Value of Assets: 12,408,906

### 4. Unfunded/(overfunded) actuarial accrued liability: $1,322,107

### 5. Funded Ratio: 90.4%

### City Contribution Rates for 2012

#### Retirement
- **Normal Cost**: 5.50%
- **Prior Service**: 1.26%
- **Total Retirement**: 6.76%
- **Supplemental Death**: 0.20%
- **Total Rate**: 6.96%

#### Supplemental Death
- **Rate**: 0.20%

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

#### Statutory Maximum Rate (Total Retirement Only)
- **Rate**: 11.50%

### Additional Information
- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 27.4 years
- **Number of Annuitants**: 56
- **Number of Active Contributing Members**: 154
- **Number of Inactive Members**: 88
- **Average Age of Contributing Members**: 41.6 years
- **Average Length of Service of Contributing Members**: 8.5 years

### Summary of Actuarial Information

### 1. Actuarial Accrued Liability
   - **Contributing Members**: $838,781
   - **Noncontributing Members**: 294,743
   - **Annuitants**: 693,292

### 2. Total Actuarial Accrued Liability: $1,826,816

### 3. Actuarial Value of Assets: 1,727,485

### 4. Unfunded/(overfunded) actuarial accrued liability: $99,331

### 5. Funded Ratio: 94.6%

### City Contribution Rates for 2012

#### Retirement
- **Normal Cost**: 4.64%
- **Prior Service**: 0.85%
- **Total Retirement**: 5.49%
- **Supplemental Death**: 0.19%
- **Total Rate**: 5.68%

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

#### Statutory Maximum Rate (Total Retirement Only)
- **Rate**: 11.50%

### Additional Information
- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 27.2 years
- **Number of Annuitants**: 11
- **Number of Active Contributing Members**: 23
- **Number of Inactive Members**: 21
- **Average Age of Contributing Members**: 42.3 years
- **Average Length of Service of Contributing Members**: 8.3 years

### City Contribution Rates for 2012

#### Retirement
- **Normal Cost**: 5.50%
- **Prior Service**: 1.26%
- **Total Retirement**: 6.76%
- **Supplemental Death**: 0.20%
- **Total Rate**: 6.96%

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

#### Statutory Maximum Rate (Total Retirement Only)
- **Rate**: 11.50%

### Additional Information
- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 27.7 years
- **Number of Annuitants**: 11
- **Number of Active Contributing Members**: 23
- **Number of Inactive Members**: 21
- **Average Age of Contributing Members**: 42.3 years
- **Average Length of Service of Contributing Members**: 8.3 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $57,159, $6,432,320, $200,357, $12,101,230, $27,121, $5,162,581, $289,065
   - b. Noncontributing Members $3,856, $1,211,180, $24,527, $2,330,648, $57,150, $1,609,106, $120,035
   - c. Annuitants $68,136, $1,821,613, $225,292, $17,661,870, $263,351, $3,797,836, $28,035

2. Total Actuarial Accrued Liability $129,151, $9,465,113, $450,176, $32,093,748, $347,622, $10,569,523, $437,995

3. Actuarial value of assets $199,598, $9,130,695, $457,641, $24,452,350, $401,567, $8,842,247, $446,441

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $(70,447), $334,418, $(7,465), $7,641,398, $(53,945), $1,727,276, $(8,446)

5. Funded Ratio: (3) / (2) 154.5%, 96.5%, 101.7%, 76.2%, 115.5%, 83.7%, 101.9%


### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost 0.66%, 4.45%, 3.48%, 9.70%, 0.20%, 7.96%, 0.00%
- Prior Service -0.66%, 0.49%, -0.13%, 7.45%, -0.20%, 3.06%, 0.00%
- Total Retirement 0.00%, 4.94%, 3.35%, 17.15%, 0.00%, 11.02%, 0.00%
- Supplemental Death 0.16%, 0.00%, 0.15%, 0.19%, 0.00%, 0.23%, 0.00%
- Total Rate 0.16%, 4.94%, 3.50%, 17.34%, 0.19%, 11.25%, 0.00%

#### Supplemental Death
- Normal Cost N/A, N/A, N/A, N/A, N/A, N/A, N/A
- Prior Service N/A, N/A, N/A, N/A, N/A, N/A, N/A
- Total Retirement N/A, N/A, N/A, N/A, N/A, N/A, N/A
- Total Rate N/A, N/A, N/A, N/A, N/A, N/A, N/A

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Normal Cost N/A, N/A, N/A, 17.15%, N/A, 10.53%, N/A
- Prior Service N/A, N/A, N/A, 4.14%, N/A, N/A, N/A
- Total Retirement N/A, N/A, N/A, 11.44%, N/A, N/A, N/A

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
- 100.0 years, 21.7 years, 26.5 years, 270 years, 100.0 years, 27.2 years, 0.0 years

#### Number of annuitants
- 2, 29, 4, 78, 5, 41, 2

#### Number of active contributing members
- 10, 110, 10, 152, 8, 93, 13

#### Number of inactive members
- 10, 63, 6, 42, 6, 55, 12

#### Average age of contributing members
- 39.5 years, 40.5 years, 39.1 years, 41.0 years, 32.5 years, 43.9 years, 39.0 years

#### Average length of service of contributing members
- 3.9 years, 9.4 years, 6.6 years, 8.4 years, 2.0 years, 7.8 years, 8.6 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - b. Noncontributing Members $1,411,112, $278,066, $752,957, $58,709, $2,062,997, $1,236,050, $1,330,696
   - c. Annuitants $1,758,024, $680,348, $2,956,185, $52,655, $9,620,888, $5,824,647, $2,759,775

2. Total Actuarial Accrued Liability $5,783,916, $2,508,684, $6,722,261, $189,356, $29,272,502, $13,124,865, $7,973,428

3. Actuarial value of assets $4,354,539, $2,286,214, $5,449,111, $226,389, $29,272,502, $9,909,794, $5,598,362

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,429,377, $222,470, $1,273,150, $(37,033), $834,942, $3,215,071, $2,375,066

5. Funded Ratio: (3) / (2) 75.3%, 91.1%, 81.1%, 119.6%, 97.1%, 75.5%, 70.2%

6. Annual Payroll $3,082,642, $1,008,303, $2,158,884, $189,325, $10,029,205, $2,822,355, $3,417,484

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost 5.73%, 6.47%, 5.89%, 1.12%, 5.38%, 8.43%, 7.17%
- Prior Service 2.78%, 1.32%, 3.55%, 2.33%, 6.02%, 4.14%
- Total Retirement 8.51%, 7.80%, 9.44%, 3.45%, 11.31%
- Supplemental Death 0.22%, 0.17%, 0.20%, 0.00%, 0.13%
- Total Rate 8.73%, 7.97%, 9.64%, 3.45%, 11.31%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Normal Cost N/A, N/A, N/A, 7.17%, N/A, N/A, N/A
- Prior Service N/A, N/A, N/A, 4.14%, N/A, N/A, N/A
- Total Retirement N/A, N/A, N/A, 11.31%, N/A, N/A, N/A

#### Statutory Maximum Rate (Total Retirement Only)
- Normal Cost 11.50%, 11.50%, 9.50%, 7.50%, 11.50%, N/A, 13.50%
- Prior Service 11.50%, 11.50%, 9.50%, 7.50%, 11.50%, N/A, 13.50%
- Total Retirement 11.50%, 11.50%, 9.50%, 7.50%, 11.50%, N/A, 13.50%

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
- 27.2 years, 26.9 years, 27.0 years, 29.5 years, 15.0 years, 26.6 years, 27.5 years

#### Number of annuitants
- 35, 12, 30, 2, 82, 36, 24

#### Number of active contributing members
- 35, 12, 30, 2, 82, 36, 24

#### Number of inactive members
- 35, 12, 30, 2, 82, 36, 24

#### Average age of contributing members
- 35, 12, 30, 2, 82, 36, 24

#### Average length of service of contributing members
- 3.5 years, 4.4 years, 4.2 years, 4.3 years, 4.3 years, 4.3 years, 3.9 years

#### Average length of service of contributing members
- 3.5 years, 4.4 years, 4.2 years, 4.3 years, 4.3 years, 4.3 years, 3.9 years
**SUMMARY OF ACTUARIAL INFORMATION**

1. Actuarial Accrued Liability
   a. Contributing Members $176,546 $951,798 $6,363,298 $158,044,351 $53,964,269 $18,342,469 $251,908
   b. Noncontributing Members 1,435 1,498,132 576,705 7,378,128 6,683,774 2,013,001 41,045
   c. Annuitants 0 800,024 7,322,765 63,105,340 42,780,573 13,380,556 623,274

2. Total Actuarial Accrued Liability $177,981 $3,249,954 $14,262,768 $228,527,819 $103,428,616 $33,736,026 $916,227

3. Actuarial value of assets 147,816 2,896,521 12,328,793 170,759,428 84,694,260 26,731,834 851,500

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $30,165 $353,433 $1,933,975 $57,768,391 $18,734,356 $7,004,192 $64,727

5. Funded Ratio: (3) / (2) 83.1% 89.1% 86.4% 74.7% 81.9% 79.2% 92.9%


**CITY CONTRIBUTION RATES FOR 2012**

**Retirement**
- Normal Cost 1.43% 6.39% 8.30% 13.16% 9.55% 9.76% 5.54%
- Prior Service 1.73% 2.23% 3.92% 6.68% 5.12% 5.06% 1.10%
- Total Retirement 3.16% 8.62% 12.22% 19.84% 14.67% 14.82% 6.64%

**Supplemental Death**
- 0.18% 0.15% 0.00% 0.15% 0.17% 0.00% 0.00%
- Total Rate 3.34% 8.77% 12.22% 19.99% 14.84% 14.82% 6.64%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A 18.81% 14.41% 14.77% N/A

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

**ADDITIONAL INFORMATION**

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 22.0 years 27.5 years 26.9 years 27.0 years 26.8 years 27.3 years 23.6 years
- Number of annuitants: 0 6 41 357 201 79 6
- Number of active contributing members: 4 32 83 1,110 484 227 12
- Number of inactive members: 1 35 28 174 71 59 4
- Average age of contributing members: 49.6 years 42.9 years 43.4 years 42.4 years 41.7 years 43.4 years 44.1 years
- Average length of service of contributing members: 19.5 years 5.2 years 9.9 years 11.1 years 11.4 years 9.4 years 9.4 years

**SUMMARY OF ACTUARIAL INFORMATION**

1. Actuarial Accrued Liability
   a. Contributing Members $83,224 $232,312 $117,055,593 $17,719 $2,335,111 $569,658 $569,658
   b. Noncontributing Members 1,545 135,304 24,515,541 12,488 271,895 128,481 35,043
   c. Annuitants 27,515 250,597 85,064,139 364,839 871,999 69,929 23,033

2. Total Actuarial Accrued Liability $112,284 $618,213 $226,635,273 $395,046 $3,479,005 $768,068 $691,140

3. Actuarial value of assets 179,790 686,866 167,407,171 501,700 2,341,243 740,201 469,118

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($67,506) ($68,653) $59,228,102 ($106,654) $1,137,762 $27,867 $225,022

5. Funded Ratio: (3) / (2) 160.1% 111.1% 73.9% 127.0% 67.3% 96.4% 67.6%

6. Annual Payroll $187,801 $339,242 $45,876,882 $72,213 $2,035,277 $689,151 $642,563

**CITY CONTRIBUTION RATES FOR 2012**

**Retirement**
- Normal Cost 5.04% 4.15% 10.69% 0.00% 7.59% 3.57% 3.69%
- Prior Service -2.26% -1.27% 7.74% 0.00% -2.00% 0.32% 2.40%
- Total Retirement 2.78% 2.88% 18.43% 0.00% 10.93% 3.89% 6.09%

**Supplemental Death**
- 0.00% 0.38% 0.19%
- Total Rate 2.78% 3.05% 18.43% 0.00% 11.06% 4.27% 6.28%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A 16.93% N/A 13.50% N/A 11.50%

**Statutory Maximum Rate (Total Retirement Only)**
- 11.50% 11.50% N/A 9.50% 13.50% 11.50% 11.50%

**ADDITIONAL INFORMATION**

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 25.0 years 25.1 years 27.2 years 25.0 years 21.8 years 21.8 years 21.8 years
- Number of annuitants: 0 4 395 1 7 2 1
- Number of active contributing members: 8 11 849 3 58 16 17
- Number of inactive members: 3 35 28 12 8 4
- Average age of contributing members: 52.9 years 43.9 years 48.8 years 43.7 years 42.8 years 49.9 years 41.5 years
- Average length of service of contributing members: 3.2 years 5.3 years 10.7 years 3.8 years 5.2 years 9.4 years 9.1 years
### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
- Contributing Members: $987,675
- Noncontributing Members: 150,824
- Annuitants: 13,054

**2. Total Actuarial Accrued Liability:** $1,151,553

**3. Actuarial value of assets:** $741,868

**4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
- $409,685

**5. Funded Ratio: (3) / (2)**
- 64.4%

**6. Annual Payroll:** $1,057,066

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost: 3.72%
- Prior Service: 2.61%
- Total Retirement: 6.33%
- Supplemental Death: 0.11%

**Total Rate:** 6.44%

**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 1/2012:**
- 22.4 years

**Number of annuitants:** 1

**Number of active contributing members:** 21

**Number of inactive members:** 8

**Average age of contributing members:** 42.8 years

**Average length of service of contributing members:** 9.4 years

### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
- Contributing Members: $3,949,635
- Noncontributing Members: 811,305
- Annuitants: 2,243,547

**2. Total Actuarial Accrued Liability:** $7,004,487

**3. Actuarial value of assets:** $6,602,240

**4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)**
- $402,247

**5. Funded Ratio: (3) / (2)**
- 94.3%

**6. Annual Payroll:** $1,949,076

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost: 8.65%
- Prior Service: 1.24%
- Total Retirement: 9.89%
- Supplemental Death: 0.25%

**Total Rate:** 10.14%

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

**Statutory Maximum Rate (Total Retirement Only):** 11.50%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012:**
- 27.1 years
### Summary of Actuarial Information

<table>
<thead>
<tr>
<th>City</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: (2) - (3)</th>
<th>Funded Ratio: (3) / (2)</th>
<th>Annual Payroll</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Contributing Members</strong></td>
<td>$2,077,008</td>
<td>$1,380,429</td>
<td>$2,045,424</td>
<td>$4,086,814</td>
<td>$3,806,051</td>
<td>$280,763</td>
<td>93.1%</td>
<td>$1,044,430</td>
</tr>
<tr>
<td><strong>Noncontributing Members</strong></td>
<td>$1,380,429</td>
<td>$1,380,429</td>
<td>$34,382</td>
<td>$84,321</td>
<td>$180,000</td>
<td>$23,342,363</td>
<td>89.1%</td>
<td>$47,098,086</td>
</tr>
<tr>
<td><strong>Annuitants</strong></td>
<td>$2,045,424</td>
<td>$2,045,424</td>
<td>$34,382</td>
<td>$2,078,806</td>
<td>$200,000</td>
<td>$5,010,254</td>
<td>83.2%</td>
<td>$4,026,947</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>$4,086,814</td>
<td>$2,705,854</td>
<td>$2,045,424</td>
<td>$6,838,093</td>
<td>$3,806,051</td>
<td>$23,342,363</td>
<td>93.1%</td>
<td>$1,044,430</td>
</tr>
</tbody>
</table>

### City Contribution Rates for 2012

<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>Total Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Retirement</strong></td>
<td>6.55%</td>
<td>1.66%</td>
<td>8.21%</td>
<td>0.27%</td>
<td>8.48%</td>
<td>7.88%</td>
<td>13.51%</td>
</tr>
<tr>
<td><strong>Normal Cost</strong></td>
<td>0.46%</td>
<td>0.30%</td>
<td>3.47%</td>
<td>0.40%</td>
<td>3.57%</td>
<td>N/A</td>
<td>3.57%</td>
</tr>
</tbody>
</table>

| **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death** | 7.88% | N/A | 8.00% | N/A |
| **Total Rate**             | 8.48%      | 0.27%         | 8.75%            | 0.00%              | 8.75%      | N/A           | 8.75%      |

### Additional Information

| **GASB 25 Equivalent Single Amortization Period as of 1/2012** | 25.8 years | 25.8 years | 25.8 years | 25.8 years | 25.8 years | 25.8 years | 25.8 years |
| **Number of Annuitants**  | 17          | 37           | 13          | 54         | 17          | 37          | 13          |
| **Number of Active Members** | 37       | 37           | 37          | 37         | 37          | 37          | 37          |
| **Average Age of Contributing Members** | 46.4 years | 46.4 years | 46.4 years | 46.4 years | 46.4 years | 46.4 years | 46.4 years |
| **Average Length of Service of Contributing Members** | 10.8 years | 10.8 years | 10.8 years | 10.8 years | 10.8 years | 10.8 years | 10.8 years |
### Chico

**Actuarial Accrued Liability**
- Contributing Members: $139,796
- Noncontributing Members: $4,693
- Annuitants: $63,003

**Total Actuarial Accrued Liability**: $207,492

**Actuarial value of assets**: $191,162

**Unfunded/(overfunded) actuarial accrued liability**: $(16,330)

**Funded Ratio**: 92.1%

**Annual Payroll**: $241,153

### Childress

**Actuarial Accrued Liability**
- Contributing Members: $2,471,126
- Noncontributing Members: $174,121
- Annuitants: $72,712

**Total Actuarial Accrued Liability**: $2,648,159

**Actuarial value of assets**: $985,429

**Unfunded/(overfunded) actuarial accrued liability**: $1,322,929

**Funded Ratio**: 74.5%

**Annual Payroll**: $1,507,415

### Chireno

**Actuarial Accrued Liability**
- Contributing Members: $236,862
- Noncontributing Members: $691,405
- Annuitants: $74,550

**Total Actuarial Accrued Liability**: $908,849

**Actuarial value of assets**: $668,428

**Unfunded/(overfunded) actuarial accrued liability**: $240,421

**Funded Ratio**: 73.5%

**Annual Payroll**: $625,120

### Christine

**Actuarial Accrued Liability**
- Contributing Members: $1,289
- Noncontributing Members: $24,890
- Annuitants: $148,564

**Total Actuarial Accrued Liability**: $225,443

**Actuarial value of assets**: $8,646

**Unfunded/(overfunded) actuarial accrued liability**: $225,443

**Funded Ratio**: 68.8%

**Annual Payroll**: $15,296

### Cibolo

**Actuarial Accrued Liability**
- Contributing Members: $3,584,210
- Noncontributing Members: $499,295
- Annuitants: $63,164

**Total Actuarial Accrued Liability**: $4,246,679

**Actuarial value of assets**: $4,082,995

**Unfunded/(overfunded) actuarial accrued liability**: $163,684

**Funded Ratio**: 93.4%

**Annual Payroll**: $80,060

### Cisco

**Actuarial Accrued Liability**
- Contributing Members: $820,060
- Noncontributing Members: $2,673
- Annuitants: $91,800

**Total Actuarial Accrued Liability**: $933,768

**Actuarial value of assets**: $1,048,005

**Unfunded/(overfunded) actuarial accrued liability**: $(326,352)

**Funded Ratio**: 105.7%

**Annual Payroll**: $23,216

### Clarendon

**Actuarial Accrued Liability**
- Contributing Members: $195,879
- Noncontributing Members: $92,928
- Annuitants: $106,512

**Total Actuarial Accrued Liability**: $395,320

**Actuarial value of assets**: $745,000

**Unfunded/(overfunded) actuarial accrued liability**: $(619,682)

**Funded Ratio**: 106.5%

**Annual Payroll**: $367,488

### Clarksville

**Actuarial Accrued Liability**
- Contributing Members: $3,655,122
- Noncontributing Members: $1,271,750
- Annuitants: $2,808,836

**Total Actuarial Accrued Liability**: $7,735,708

**Actuarial value of assets**: $6,066,467

**Unfunded/(overfunded) actuarial accrued liability**: $(1,669,241)

**Funded Ratio**: 78.4%

**Annual Payroll**: $3,217,053

### City Contribution Rates for 2012

#### Retirement
- Normal Cost: 6.98%
- Prior Service: -2.68%
- Total Retirement: 4.30%
- Supplemental Death: 0.18%
- Total Rate: 4.48%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- 3.73% N/A

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

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
- 22.1 years

#### Number of annuitants
- 7

#### Number of active contributing members
- 29

#### Number of inactive members
- 30

#### Average age of contributing members
- 45.1 years

#### Average length of service of contributing members
- 6.2 years

---

### Clifton

**Actuarial Accrued Liability**
- Contributing Members: $599,060
- Noncontributing Members: $166,383
- Annuitants: $186,491

**Total Actuarial Accrued Liability**: $908,849

**Actuarial value of assets**: $668,428

**Unfunded/(overfunded) actuarial accrued liability**: $240,421

**Funded Ratio**: 73.5%

**Annual Payroll**: $941,194

### Clear Lake Shores

**Actuarial Accrued Liability**
- Contributing Members: $489,821
- Noncontributing Members: $16,739
- Annuitants: $87,355

**Total Actuarial Accrued Liability**: $668,428

**Actuarial value of assets**: $668,428

**Unfunded/(overfunded) actuarial accrued liability**: $(9947)

**Funded Ratio**: 79.7%

**Annual Payroll**: $205,046

### Cleveland

**Actuarial Accrued Liability**
- Contributing Members: $3,360,602
- Noncontributing Members: $2,449,769
- Annuitants: $4,842,991

**Total Actuarial Accrued Liability**: $14,388,270

**Actuarial value of assets**: $13,156,747

**Unfunded/(overfunded) actuarial accrued liability**: $(1,231,523)

**Funded Ratio**: 91.4%

**Annual Payroll**: $4048,804

---

### Clarion

**Actuarial Accrued Liability**
- Contributing Members: $725,727
- Noncontributing Members: $4,919,803
- Annuitants: $28,038,276

**Total Actuarial Accrued Liability**: $85,180,200

**Actuarial value of assets**: $48,973,252

**Unfunded/(overfunded) actuarial accrued liability**: $(22,206,948)

**Funded Ratio**: 68.8%

**Annual Payroll**: $15,296,326

### Columbia

**Actuarial Accrued Liability**
- Contributing Members: $1,271,750
- Noncontributing Members: $2,808,836
- Annuitants: $657,883

**Total Actuarial Accrued Liability**: $7,735,708

**Actuarial value of assets**: $1,493,411

**Unfunded/(overfunded) actuarial accrued liability**: $(6,093)

**Funded Ratio**: 78.4%

**Annual Payroll**: $3,217,053

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### Claremore

**Actuarial Accrued Liability**
- Contributing Members: $3,655,122
- Noncontributing Members: $1,271,750
- Annuitants: $2,808,836

**Total Actuarial Accrued Liability**: $7,735,708

**Actuarial value of assets**: $1,493,411

**Unfunded/(overfunded) actuarial accrued liability**: $(6,093)

**Funded Ratio**: 78.4%

**Annual Payroll**: $3,217,053

---

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 1.92%
- Prior Service: 0.46%
- Total Retirement: 2.38%
- Supplemental Death: 0.36%
- Total Rate: 2.74%

#### 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 1/2012
- 25.0 years

#### Number of annuitants
- 7

#### Number of active contributing members
- 29

#### Number of inactive members
- 30

#### Average age of contributing members
- 45.1 years

#### Average length of service of contributing members
- 6.2 years
### City of Clyde

<table>
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<tr>
<th>Category</th>
<th>Amount</th>
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<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$1,465,880</td>
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<tr>
<td>Noncontributing Members</td>
<td>$224,782</td>
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<tr>
<td>Annuitants</td>
<td>$630,372</td>
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<td>Total Actuarial Liability</td>
<td>$2,320,833</td>
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<tr>
<td>Actuarial value of assets</td>
<td>$1,719,839</td>
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<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$600,994</td>
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<td>Funded Ratio:</td>
<td>74.1%</td>
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<td>Annual Payroll</td>
<td>$1,014,815</td>
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### City of Cuahuma

<table>
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<tr>
<th>Category</th>
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<tr>
<td>Actuarial Accrued Liability</td>
<td>$1,389,683</td>
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<tr>
<td>Noncontributing Members</td>
<td>$909,763</td>
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<tr>
<td>Annuitants</td>
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<td>Total Actuarial Liability</td>
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<td>Actuarial value of assets</td>
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<td>Unfunded/(overfunded) actuarial accrued liability</td>
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<td>Funded Ratio:</td>
<td>75.6%</td>
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<td>Annual Payroll</td>
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### City of Cockrell Hill

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<tr>
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<tr>
<td>Noncontributing Members</td>
<td>$237,668</td>
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<tr>
<td>Annuitants</td>
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<tr>
<td>Total Actuarial Liability</td>
<td>$1,219,365</td>
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<tr>
<td>Actuarial value of assets</td>
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<tr>
<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$472,397</td>
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<td>Funded Ratio:</td>
<td>70.7%</td>
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<td>Annual Payroll</td>
<td>$1,457,213</td>
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### City of Coleman

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<td>Annuitants</td>
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<td>Total Actuarial Liability</td>
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<td>Actuarial value of assets</td>
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<tr>
<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$907,213</td>
</tr>
<tr>
<td>Funded Ratio:</td>
<td>76.6%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$2,294,542</td>
</tr>
</tbody>
</table>

### City of College Station

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$1,201,102</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>$414,091</td>
</tr>
<tr>
<td>Annuitants</td>
<td>$524,072</td>
</tr>
<tr>
<td>Total Actuarial Liability</td>
<td>$1,739,265</td>
</tr>
<tr>
<td>Actuarial value of assets</td>
<td>$838,052</td>
</tr>
<tr>
<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$907,213</td>
</tr>
<tr>
<td>Funded Ratio:</td>
<td>76.6%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$2,294,542</td>
</tr>
</tbody>
</table>

### City of Collegeville

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$5,129,128</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>$22,016,091</td>
</tr>
<tr>
<td>Annuitants</td>
<td>$3,977,407</td>
</tr>
<tr>
<td>Total Actuarial Liability</td>
<td>$8,444,636</td>
</tr>
<tr>
<td>Actuarial value of assets</td>
<td>$4,906,366</td>
</tr>
<tr>
<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$3,538,270</td>
</tr>
<tr>
<td>Funded Ratio:</td>
<td>3.47%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$4,906,366</td>
</tr>
</tbody>
</table>

### City of Collinwood

<table>
<thead>
<tr>
<th>Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$52,283,130</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>$4,791,699</td>
</tr>
<tr>
<td>Annuitants</td>
<td>$23,477,149</td>
</tr>
<tr>
<td>Total Actuarial Liability</td>
<td>$80,551,978</td>
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<tr>
<td>Actuarial value of assets</td>
<td>$59,227,953</td>
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<tr>
<td>Unfunded/(overfunded) actuarial accrued liability</td>
<td>$21,324,025</td>
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<tr>
<td>Funded Ratio:</td>
<td>73.5%</td>
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<tr>
<td>Annual Payroll</td>
<td>$21,605,330</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<table>
<thead>
<tr>
<th>Rate</th>
<th>Clyde</th>
<th>Cuahuma</th>
<th>Cockrell Hill</th>
<th>Coleman</th>
<th>College Station</th>
<th>Collegeville</th>
<th>Collinwood</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retirement</td>
<td>7.94%</td>
<td>3.55%</td>
<td>11.49%</td>
<td>0.15%</td>
<td>0.13%</td>
<td>1.31%</td>
<td>1.59%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>4.37%</td>
<td>-0.76%</td>
<td>3.61%</td>
<td>0.28%</td>
<td>-1.30%</td>
<td>2.61%</td>
<td>1.99%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>11.49%</td>
<td>2.80%</td>
<td>11.23%</td>
<td>0.43%</td>
<td>-1.30%</td>
<td>2.61%</td>
<td>1.31%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Total</td>
<td>11.64%</td>
<td>2.80%</td>
<td>11.23%</td>
<td>0.43%</td>
<td>-1.30%</td>
<td>2.61%</td>
<td>1.31%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
<td>0%</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>11.64%</td>
<td>2.80%</td>
<td>11.23%</td>
<td>0.43%</td>
<td>-1.30%</td>
<td>2.61%</td>
<td>1.31%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period</th>
<th>Clyde</th>
<th>Cuahuma</th>
<th>Cockrell Hill</th>
<th>Coleman</th>
<th>College Station</th>
<th>Collegeville</th>
<th>Collinwood</th>
</tr>
</thead>
<tbody>
<tr>
<td>21.5 years</td>
<td>25.1 years</td>
<td>26.9 years</td>
<td>263 years</td>
<td>269 years</td>
<td>263 years</td>
<td>269 years</td>
<td>27.1 years</td>
</tr>
<tr>
<td>Number of retirees</td>
<td>6</td>
<td>4</td>
<td>7</td>
<td>38</td>
<td>246</td>
<td>57</td>
<td>1</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>35</td>
<td>5</td>
<td>34</td>
<td>70</td>
<td>802</td>
<td>108</td>
<td>6</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>22</td>
<td>3</td>
<td>34</td>
<td>26</td>
<td>365</td>
<td>85</td>
<td>1</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>43.6 years</td>
<td>46.4 years</td>
<td>46 years</td>
<td>45 years</td>
<td>41 years</td>
<td>42 years</td>
<td>42 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>7.6 years</td>
<td>7.6 years</td>
<td>6.4 years</td>
<td>9.8 years</td>
<td>11.5 years</td>
<td>12.5 years</td>
<td>7.1 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members
      - Cooper: $800,379
      - Coppell: $600,214
      - Copper Canyon: $137,634
      - Copperas Cove: $168,325
      - Corinth: $21,354
      - Corpus Christi: $17,832
      - Corrigan: $1,092
      - Total: $800,379
   b. Noncontributing Members
      - Cooper: 127,834
      - Coppell: 17,634
      - Copper Canyon: 86,000
      - Copperas Cove: 66,857
      - Corinth: 6,402
      - Corpus Christi: 1,832
      - Corrigan: 9
      - Total: 17,634
   c. Annuitants
      - Cooper: 127,833
      - Coppell: 8,481
      - Copper Canyon: 142,006
      - Copperas Cove: 7,959
      - Corinth: 0
      - Corpus Christi: 0
      - Corrigan: 0
      - Total: 127,833
   - Total Actuarial Accrued Liability: $945,646

2. Actuarial value of assets
   - Cooper: $848,694
   - Coppell: $68,648
   - Copper Canyon: 142,006
   - Copperas Cove: 79,592
   - Corinth: 6,402
   - Corpus Christi: 142,006
   - Corrigan: 0
   - Total: $848,694

3. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Cooper: $96,952
   - Coppell: $17,747
   - Copper Canyon: $55,611
   - Copperas Cove: $9,137
   - Corinth: $9,137
   - Corpus Christi: $5,669
   - Corrigan: 0
   - Total: $96,952

4. Funded Ratio: (3) / (2)
   - Cooper: 89.7%
   - Coppell: 79.5%
   - Copper Canyon: 71.9%
   - Copperas Cove: 77.9%
   - Corinth: 71.6%
   - Corpus Christi: 91.7%
   - Corrigan: 0
   - Total: 99.1%

5. Annual Payroll
   - Cooper: $420,376
   - Coppell: $24,216
   - Copper Canyon: 152,063
   - Copperas Cove: 11,278
   - Corinth: 8,278
   - Corpus Christi: 111,401
   - Corrigan: 0
   - Total: $662,538

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost
      - Cooper: 5.19%
      - Coppell: 10.76%
      - Copper Canyon: 0.00%
      - Copperas Cove: 7.20%
      - Corinth: 8.87%
      - Corpus Christi: 7.06%
      - Corrigan: 2.28%
   - Prior Service
      - Cooper: 1.39%
      - Coppell: 4.39%
      - Copper Canyon: 4.25%
      - Copperas Cove: 4.84%
      - Corinth: 4.08%
      - Corpus Christi: 2.78%
      - Corrigan: 0.10%
   - Total Retirement
      - Cooper: 6.58%
      - Coppell: 15.15%
      - Copper Canyon: 4.25%
      - Copperas Cove: 12.04%
      - Corinth: 12.95%
      - Corpus Christi: 9.84%
      - Corrigan: 2.38%
   - Supplemental Death
      - Cooper: 0.24%
      - Coppell: 0.13%
      - Copper Canyon: 0.36%
      - Copperas Cove: 0.18%
      - Corinth: 0.10%
      - Corpus Christi: 0.00%
      - Corrigan: 0.22%
   - Total Rate
      - Cooper: 6.82%
      - Coppell: 15.28%
      - Copper Canyon: 4.61%
      - Copperas Cove: 12.22%
      - Corinth: 13.05%
      - Corpus Christi: 9.84%
      - Corrigan: 2.60%

#### Statutory Maximum Rate (Total Retirement Only)
   - Cooper: 8.50%
   - Copper Canyon: 13.50%
   - Copperas Cove: 15.50%
   - Corinth: 7.50%
   - Corpus Christi: 11.50%
   - Corrigan: 7.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012:
  - Cooper: 26.9 years
  - Coppell: 27.2 years
  - Copper Canyon: 10.6 years
  - Copperas Cove: 27.3 years
  - Corinth: 12.2 years
  - Corpus Christi: 27.3 years
  - Corrigan: 17.9 years

- Number of annuitants:
  - Cooper: 2
  - Coppell: 100
  - Copper Canyon: 0
  - Copperas Cove: 143
  - Corinth: 36
  - Corpus Christi: 1,648
  - Corrigan: 7

- Number of active contributing members:
  - Cooper: 12
  - Coppell: 370
  - Copper Canyon: 3
  - Copperas Cove: 269
  - Corinth: 146
  - Corpus Christi: 2,415
  - Corrigan: 21

- Number of inactive members:
  - Cooper: 2
  - Coppell: 173
  - Copper Canyon: 4
  - Copperas Cove: 181
  - Corinth: 64
  - Corpus Christi: 803
  - Corrigan: 11

- Average age of contributing members:
  - Cooper: 50.6 years
  - Coppell: 42.5 years
  - Copper Canyon: 62.0 years
  - Copperas Cove: 41.7 years
  - Corinth: 39.3 years
  - Corpus Christi: 45.2 years
  - Corrigan: 45.8 years

- Average length of service of contributing members:
  - Cooper: 14.4 years
  - Coppell: 11.7 years
  - Copper Canyon: 16.1 years
  - Copperas Cove: 11.3 years
  - Corinth: 9.6 years
  - Corpus Christi: 12.3 years
  - Corrigan: 10.9 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $298,627 $7,358,680 $1,001,298 $3,694,393 $122,470 $596,014 $58,690
   b. Noncontributing Members 199,351 1,259,415 198,318 783,060 1,130 384,516 30,791
   c. Annuitants 104,025 1,065,599 1,150,077 4,028,734 18,860 665,133 6,881

2. Total Actuarial Accrued Liability $602,003 $9,683,694 $2,349,693 $8,506,187 $142,460 $1,645,663 $96,362

3. Actuarial value of assets 545,759 7,860,631 2,961,494 6,330,113 67,181 1,486,778 132,240

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $56,244 $1,823,063 ($611,801) $2,176,074 $75,279 $158,885 ($35,878)

5. Funded Ratio: (3) / (2) 90.7% 81.2% 126.0% 74.4% 47.2% 90.3% 137.2%

6. Annual Payroll $254,224 $4,272,298 $1,044,377 $3,076,467 $304,990 $682,554 $234,594

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### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

<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>Normal Cost</td>
<td>6.46%</td>
<td>2.54%</td>
<td>9.00%</td>
<td>0.14%</td>
<td>9.14%</td>
<td>0.14%</td>
<td>N/A</td>
</tr>
<tr>
<td>Prior Service</td>
<td>1.31%</td>
<td>-3.69%</td>
<td>-2.38%</td>
<td>0.14%</td>
<td>1.17%</td>
<td>0.14%</td>
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<tr>
<td>Total Retirement</td>
<td>7.77%</td>
<td>0.39%</td>
<td>10.16%</td>
<td>0.28%</td>
<td>10.44%</td>
<td>0.28%</td>
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</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>
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</tr>
<tr>
<td>Total Rate</td>
<td>7.77%</td>
<td>0.39%</td>
<td>10.16%</td>
<td>0.28%</td>
<td>10.44%</td>
<td>0.28%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>7.44%</td>
<td>9.99%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>6.18%</td>
<td>N/A</td>
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<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>9.50%</td>
<td>12.50%</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 as of 1/2012: 27.8 years, 27.5 years, 25.0 years, 27.1 years, 22.7 years, 27.7 years, 25.1 years
- Number of annuitants: 1, 16, 15, 44, 1, 8, 1
- Number of active contributing members: 7, 99, 49, 85, 12, 18, 10
- Number of inactive members: 5, 56, 23, 27, 3, 10, 12
- Average age of contributing members: 49.0 years, 41.7 years, 43.2 years, 41.9 years, 44.8 years, 46.1 years
- Average length of service of contributing members: 6.8 years, 9.0 years, 7.0 years, 8.6 years, 6.6 years, 7.1 years, 3.0 years

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### ADDITIONAL INFORMATION

#### Summary of Actuarial Information

- Dalhart: $2,897,651 $3,983,826 $162,465 $52,387 $3,316,028 $157,332 $442,929,007
- Dalworthington Gardens: $778,033 $787,971 $4,290 $108,511 $578,906 $49,008 $11,220,882
- De Leon: $1,899,838 $190,179 $5,502 $0 $1,174,622 $278,017 $7,201,569
- DeSoto: $5,575,522 $4,961,976 $172,257 $160,898 $5,069,556 $484,357 $7,201,569

#### City Contribution Rates for 2012

- Normal Cost: 5.54% 10.50% 1.07% 2.67% 6.27% 0.43% 8.05%
- Prior Service: -0.16% 10.03% 1.59% 3.03% 3.56% 0.48% 3.08%
- Total Retirement: 5.38% 20.53% 2.66% 5.70% 9.83% 0.91% 12.03%
- Supplemental Death: 0.20% 0.12% 0.09% 0.16% 0.13% 0.13% 0.13%
- Total Rate: 5.58% 20.65% 2.75% 5.88% 9.99% 1.04% 12.16%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A 18.63% N/A N/A 9.85% N/A N/A
- Statutory Maximum Rate (Total Retirement Only): 11.50% N/A N/A N/A 12.50% 7.50% N/A

#### Additional Information

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 23.7 years, 27.1 years, 21.9 years, 11.8 years, 27.2 years, 22.0 years, 27.1 years
- Number of annuitants: 22 3 1 0 23 5 130
- Number of active contributing members: 55 30 9 3 76 13 300
- Average age of contributing members: 42.6 years, 38.8 years, 40.0 years, 51.8 years, 42.0 years, 38.1 years, 41.7 years
- Average length of service of contributing members: 8.3 years, 9.6 years, 6.3 years, 5.1 years, 6.7 years, 6.7 years, 12.2 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**
     - Decatur: $9,248,851
     - Deer Park: $1,441,456
     - Del Rio: $2,593,997
   - **Noncontributing Members**
     - Deer Park: 1,441,456
     - Del Rio: 1,182,362
   - **Annuitants**
     - Deer Park: 2,539,997
     - Del Rio: 3,147,221

2. **Total Actuarial Accrued Liability**
   - Decatur: $13,230,304
   - Deer Park: $5,086
   - Del Rio: $2,593,997

3. **Actuarial value of assets**
   - Deer Park: $8,943,136
   - Del Rio: $1,478,828

4. **Unfunded/(overfunded) actuarial accrued liability**
   - Decatur: $4,287,168
   - Del Rio: $83,147

5. **Funded Ratio**
   - Decatur: 67.6%
   - Del Rio: 15.9%

6. **Annual Payroll**
   - Decatur: $4,965,616
   - Del Rio: $1,236,741

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- **Normal Cost**
  - Decatur: 8.36%
  - Del Rio: 10.17%

- **Prior Service**
  - Decatur: 5.19%
  - Del Rio: 3.64%

- **Total Retirement**
  - Decatur: 13.55%
  - Del Rio: 13.81%

#### Supplemental Death

- Decatur: 0.15%
- Del Rio: 0.20%

- **Total Rate**
  - Decatur: 13.70%
  - Del Rio: 14.01%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
  - Decatur: 27.0 years
  - Del Rio: 26.9 years

- **Number of annuitants**
  - Decatur: 26
  - Del Rio: 14

- **Number of active contributing members**
  - Decatur: 104
  - Del Rio: 30

- **Average age of contributing members**
  - Decatur: 42.4 years
  - Del Rio: 43.6 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**
     - Denver City: $3,294,131
     - Deport: $5,086
     - Devine: $1,631,330
   - **Noncontributing Members**
     - Denver City: 493,736
   - **Annuitants**
     - Denver City: 2,872,584

2. **Total Actuarial Accrued Liability**
   - Denver City: $6,660,091
   - Deport: $32,299

3. **Actuarial value of assets**
   - Denver City: $5,912,865

4. **Unfunded/(overfunded) actuarial accrued liability**
   - Denver City: $747,226

5. **Funded Ratio**
   - Denver City: 88.8%

6. **Annual Payroll**
   - Denver City: $1,236,741

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- **Normal Cost**
  - Denver City: 10.17%
  - Deport: 1.09%

- **Prior Service**
  - Denver City: 3.64%
  - Deport: 9.55%

- **Total Retirement**
  - Denver City: 13.81%

#### Supplemental Death

- Denver City: 0.20%
- Deport: 0.33%

- **Total Rate**
  - Denver City: 14.01%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
  - Denver City: 26.9 years

- **Number of annuitants**
  - Denver City: 14

- **Number of active contributing members**
  - Denver City: 30

- **Average age of contributing members**
  - Denver City: 43.6 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   a. Contributing Members $1,777,399 $2,141,124 $175,441 $145,276 $23,059 $917,792 $5,011,424
   b. Noncontributing Members 259,792 541,995 24,521 6,358 12,720 454,963 1,286,227
   c. Annuitants 1,276,817 292,060 12,927 0 0 468,622 5,971,203

#### 2. Total Actuarial Accrued Liability $3,314,008 $2,977,179 $212,889 $151,634 $35,779 $1,841,377 $12,268,854

#### 3. Actuarial value of assets 3,494,258 3,072,668 215,290 141,825 21,459 1,490,658 11,148,731

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($180,250) ($95,489) ($2,401) $9,809 $14,320 $350,719 $1,120,123

#### 5. Funded Ratio: (3) / (2) 105.4% 103.2% 101.1% 93.5% 60.0% 81.0% 90.9%

#### 6. Annual Payroll $847,243 $2,476,420 $479,706 $335,694 $233,798 $898,601 $4,787,737

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost 9.31% 2.79% 0.63% 1.01% 0.00% 5.11% 4.07%
   - Prior Service -1.34% -0.24% -0.03% 0.19% 0.40% 2.35% 1.42%
   - Total Retirement 7.97% 2.55% 0.60% 1.20% 0.40% 7.46% 5.49%

#### Supplemental Death 0.00% 0.18% 0.25% 0.10% 0.05% 0.16% 0.15%

#### Total Rate 7.97% 2.73% 0.85% 1.30% 0.45% 7.62% 5.64%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A N/A N/A 4.84% 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 1/2012 25.0 years 25.5 years 27.2 years 23.7 years 23.5 years 27.0 years 26.6 years

#### Number of annuitants 12 14 1 0 0 8 50

#### Number of active contributing members 30 81 10 6 7 26 117

#### Number of inactive members 10 54 6 2 10 46 70

#### Average age of contributing members 47.9 years 42.4 years 46.0 years 43.6 years 32.1 years 41.3 years 40.1 years

#### Average length of service of contributing members 9.1 years 7.3 years 6.9 years 6.5 years 2.3 years 8.3 years 8.1 years

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### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   a. Contributing Members $30,272,298 $1,382,640 $24,642,882 $1,216,061 $48,648 $156,153 $116,018
   b. Noncontributing Members 7,076,758 412,663 907,515 41,616 29,977 23,974 50,984
   c. Annuitants 42,356,111 774,593 19,169,210 323,679 65,689 0 410,720


#### 3. Actuarial value of assets 82,267,239 2,593,965 41,404,664 1,725,425 97,530 131,231 477,540

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($2,562,072) ($24,069) $3,314,943 ($144,069) $46,784 $48,896 $100,182

#### 5. Funded Ratio: (3) / (2) 103.2% 100.9% 92.6% 109.1% 67.6% 72.9% 82.7%

#### 6. Annual Payroll $14,439,595 $897,951 $12,082,873 $887,652 $137,834 $127,288 $281,144

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost 6.84% 8.07% 9.19% 4.56% 4.29% 6.54% 7.23%
   - Prior Service -1.12% -0.17% 1.63% -1.02% 2.34% 2.70% 2.45%
   - Total Retirement 5.72% 7.90% 10.82% 3.54% 2.95% 6.84% 7.23%

#### Supplemental Death 0.00% 0.16% 0.19% 0.17% 0.22% 0.20%

#### Total Rate 5.72% 8.06% 11.01% 3.77% 3.17% 7.06% 7.43%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A N/A N/A 4.84% 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 1/2012 24.9 years 24.7 years 27.6 years 25.1 years 21.6 years 21.0 years 22.3 years

#### Number of annuitants 149 9 128 7 1 0 3

#### Number of active contributing members 241 26 359 25 7 2 10

#### Number of inactive members 116 24 62 7 2 1 2

#### Average age of contributing members 41.4 years 41.2 years 43.0 years 43.8 years 53.7 years 53.9 years 47.4 years

#### Average length of service of contributing members 11.2 years 7.4 years 10.2 years 9.0 years 20.1 years 2.7 years
### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
   - **a. Contributing Members**
     - Eastland: $1,618,833
     - Ector: $9,209
     - Eden: $307,595
     - Edgewood: $73,927
     - Edinburg: $48,197,952
     - Edna: $3,162,613
     - El Campo: $9,509,723
   - **b. Noncontributing Members**
     - 696,207
   - **c. Annuitants**
     - 696,207

**2. Total Actuarial Accrued Liability**
   - $2,547,748

**3. Actuarial value of assets**
   - $2,135,947

**4. Unfunded/(overfunded) actuarial accrued liability:**
   - ($2) - (3) $411,801

**5. Funded Ratio:**
   - (3) / (2) 83.8%

**6. Annual Payroll**
   - $1,187,904

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
   - **Normal Cost**
     - 7.27%
   - **Prior Service**
     - 2.07%
   - **Total Retirement**
     - 9.34%
   - **Supplemental Death**
     - 0.00%
   - **Total Rate**
     - 9.34%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
   - 8.65%

**Statutory Maximum Rate (Total Retirement Only)**
   - 11.50%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
   - 27.4 years

**Number of annuitants**
   - 10

**Number of active contributing members**
   - 34

**Number of inactive members**
   - 26

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

**Average length of service of contributing members**
   - 7.8 years

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### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
   - **a. Contributing Members**
     - Eldorado: $1,255,638
     - Electra: $801,391
     - Elgin: $3,652,452
     - Elkhart: $174,369
     - Elmendorf: $40,877
     - Emory: $607,211
     - Ennis: $31,917,597
   - **b. Noncontributing Members**
     - 77,954
   - **c. Annuitants**
     - 318,975

**2. Total Actuarial Accrued Liability**
   - $1,652,567

**3. Actuarial value of assets**
   - $1,372,179

**4. Unfunded/(overfunded) actuarial accrued liability:**
   - ($2) - (3) $280,388

**5. Funded Ratio:**
   - (3) / (2) 83.0%

**6. Annual Payroll**
   - $531,326

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
   - **Normal Cost**
     - 7.09%
   - **Prior Service**
     - 3.15%
   - **Total Retirement**
     - 10.24%
   - **Supplemental Death**
     - 0.29%
   - **Total Rate**
     - 10.53%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
   - 10.18%

**Statutory Maximum Rate (Total Retirement Only)**
   - 10.50%

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
   - 27.4 years
### Summary of Actuarial Information

#### 1. Actuarial Accrued Liability
   - **Contributing Members**: $81,204,499, $132,290, $2,884,465, $2,064,479, $1,210,286, $2,127,802, $736,680
   - **Noncontributing Members**: $10,335,064, $34,097, $368,808, $571,864, $484,677, $342,994, $69,689
   - **Annuitants**: $42,766,311, $172,662, $800,419, $234,967, $1,917,381, $136,776, $118,111

#### 2. Total Actuarial Accrued Liability
   - Total: $134,305,874, $339,049, $4,053,692, $2,871,310, $3,612,344, $2,607,572, $926,992

#### 3. Actuarial Value of Assets
   - Total: $111,425,190, $398,732, $3,408,432, $2,380,136, $4,040,042, $1,753,905, $910,607

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Total: ($22,880,684), ($59,683), $645,260, $491,174, ($427,698), $853,667, $16,385

#### 5. Funded Ratio: (3) / (2)
   - Total: 83.0%, 117.6%, 84.1%, 82.9%, 111.8%, 67.3%, 98.2%

#### 6. Annual Payroll
   - Total: $23,025,329, $250,320, $1,500,257, $1,687,249, $1,711,908, $2,234,301, $896,548

### City Contribution Rates for 2012

#### Retirement
   - **Normal Cost**: 13.40%, 2.39%, 7.01%, 9.54%, 4.74%, 4.78%, 1.44%
   - **Prior Service**: 5.96%, -1.50%, 2.56%, 1.74%, -1.57%, 2.53%, 0.15%
   - **Total Retirement**: 19.36%, 0.89%, 9.57%, 11.28%, 3.17%, 7.31%, 1.59%

#### Supplemental Death
   - **Rate**: 0.00%, 0.16%, 0.22%, 0.19%, 0.18%, 0.17%, 0.25%

#### Total Rate
   - 19.36%, 1.05%, 9.79%, 11.43%, 3.35%, 7.48%, 1.84%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
   - 18.73%, N/A, 9.52%, 11.00%, N/A, N/A, N/A

#### Statutory Maximum Rate (Total Retirement Only)
   - N/A, 9.50%, 11.50%, 13.50%, 11.50%, N/A, 7.50%

### Additional Information

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - 27.2 years, 25.0 years, 27.5 years, 27.3 years, 25.1 years, 23.0 years, 16.7 years

#### Number of Annuitants
   - 137, 5, 13, 4, 17, 3, 4

#### Number of Active Contributing Members
   - 359, 9, 39, 37, 41, 44, 29

#### Number of Inactive Members
   - 142, 8, 34, 25, 26, 17, 9

#### Average Age of Contributing Members
   - 43.9 years, 40.2 years, 44.6 years, 41.8 years, 43.9 years, 43.6 years, 48.4 years

#### Average Length of Service of Contributing Members
   - 13.6 years, 5.5 years, 10.9 years, 5.5 years, 5.4 years, 6.9 years, 10.3 years
### SUMMARY OF ACTUARIAL INFORMATION

**1. Actuarial Accrued Liability**
- **Contributing Members**
  - Ferris: $1,094,230
  - Huxley: $1,804,939
  - Florence: $96,897
  - Floresville: $2,854,573
  - Flower Mound: $45,484,080
  - Floydada: $2,093,108
  - Forest Hill: $5,411,867
- **Noncontributing Members**
  - Ferris: $778,792
  - Huxley: $361,035
  - Florence: $95,245
  - Floresville: $203,505
  - Flower Mound: $9,265,126
  - Floydada: $30,919
  - Forest Hill: $2,842,342
- **Annuitants**
  - Ferris: $712,710
  - Huxley: $583,434
  - Florence: $15,996
  - Floresville: $1,449,379
  - Flower Mound: $10,968,853
  - Floydada: $1,627,439
  - Forest Hill: $5,220,309

**2. Total Actuarial Accrued Liability**
- Ferris: $2,585,732
- Huxley: $2,749,408
- Florence: $208,138
- Floresville: $4,507,457
- Flower Mound: $65,718,059
- Floydada: $3,751,466
- Forest Hill: $13,474,518

**3. Actuarial value of assets**
- Ferris: $2,226,076
- Huxley: $2,138,903
- Florence: $189,606
- Floresville: $3,258,482
- Flower Mound: $57,101,955
- Floydada: $3,038,144
- Forest Hill: $11,052,418

**4. Unfunded/(overfunded) actuarial accrued liability:**
- Ferris: $359,656
- Huxley: $610,505
- Florence: $18,532
- Floresville: $1,248,975
- Flower Mound: $8,616,104
- Floydada: $713,322
- Forest Hill: $2,422,100

**5. Funded Ratio:**
- Ferris: 86.1%
- Huxley: 77.8%
- Florence: 91.1%
- Floresville: 72.3%
- Flower Mound: 89.0%
- Floydada: 81.0%
- Forest Hill: 82.0%

**6. Annual Payroll**
- Ferris: $1,208,617
- Huxley: $642,314
- Florence: $300,760
- Floresville: $1,870,526
- Flower Mound: $28,001,573
- Floydada: $994,190
- Forest Hill: $4,042,684

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- **Normal Cost**
  - Ferris: 4.49%
  - Huxley: 12.63%
  - Florence: 2.07%
  - Floresville: 8.11%
  - Flower Mound: 6.68%
  - Floydada: 7.66%
  - Forest Hill: 8.91%
- **Prior Service**
  - Ferris: 1.79%
  - Huxley: 5.72%
  - Florence: 0.44%
  - Floresville: 4.00%
  - Flower Mound: 2.08%
  - Floydada: 4.31%
  - Forest Hill: 3.63%
- **Total Retirement**
  - Ferris: 6.28%
  - Huxley: 18.35%
  - Florence: 2.51%
  - Floresville: 12.11%
  - Flower Mound: 8.76%
  - Floydada: 11.97%
  - Forest Hill: 12.54%
- **Supplemental Death**
  - Ferris: 0.24%
  - Huxley: 0.16%
  - Florence: 0.11%
  - Floresville: 0.00%
  - Flower Mound: 0.11%
  - Floydada: 0.38%
  - Forest Hill: 0.11%
- **Total Rate**
  - Ferris: 6.52%
  - Huxley: 18.51%
  - Florence: 2.62%
  - Floresville: 12.11%
  - Flower Mound: 8.87%
  - Floydada: 12.35%
  - Forest Hill: 12.65%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- Ferris: N/A
- Huxley: 17.82%
- Florence: N/A
- Floresville: 11.15%
- Flower Mound: N/A
- Floydada: 12.63%
- Forest Hill: N/A

**Statutory Maximum Rate (Total Retirement Only)**
- Ferris: 9.50%
- Huxley: N/A
- Florence: N/A
- Floresville: 11.50%
- Flower Mound: 13.50%
- Floydada: 13.50%
- Forest Hill: N/A

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
- Ferris: 27.0 years
- Huxley: 27.0 years
- Florence: 20.5 years
- Floresville: 27.2 years
- Flower Mound: 22.3 years
- Floydada: 27.1 years
- Forest Hill: 26.7 years

**Number of annuitants**
- Ferris: 14
- Huxley: 9
- Florence: 1
- Floresville: 16
- Flower Mound: 95
- Floydada: 16
- Forest Hill: 47

**Number of active contributing members**
- Ferris: 28
- Huxley: 17
- Florence: 9
- Floresville: 51
- Flower Mound: 524
- Floydada: 23
- Forest Hill: 74

**Number of inactive members**
- Ferris: 25
- Huxley: 6
- Florence: 11
- Floresville: 16
- Flower Mound: 273
- Floydada: 1
- Forest Hill: 63

**Average age of contributing members**
- Ferris: 44.3 years
- Huxley: 46.1 years
- Florence: 42.4 years
- Floresville: 45.0 years
- Flower Mound: 39.4 years
- Floydada: 44.1 years
- Forest Hill: 39.4 years

**Average length of service of contributing members**
- Ferris: 8.1 years
- Huxley: 10.8 years
- Florence: 6.3 years
- Floresville: 8.4 years
- Flower Mound: 8.5 years
- Floydada: 12.4 years
- Forest Hill: 7.9 years

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
- Ferris: 27.0 years
- Huxley: 27.0 years
- Florence: 24.8 years
- Floresville: 21.9 years
- Flower Mound: 25.1 years
- Floydada: 23.7 years
- Forest Hill: 25.4 years

**Number of annuitants**
- Ferris: 12
- Huxley: 46
- Florence: 2
- Floresville: 4
- Flower Mound: 58
- Floydada: 51
- Forest Hill: 47

**Number of active contributing members**
- Ferris: 98
- Huxley: 101
- Florence: 9
- Floresville: 12
- Flower Mound: 155
- Floydada: 20
- Forest Hill: 74

**Number of inactive members**
- Ferris: 30
- Huxley: 49
- Florence: 9
- Floresville: 11
- Flower Mound: 105
- Floydada: 155
- Forest Hill: 12

**Average age of contributing members**
- Ferris: 38.4 years
- Huxley: 40.7 years
- Florence: 39.1 years
- Floresville: 46.4 years
- Flower Mound: 76.5 years
- Floydada: 55.4 years
- Forest Hill: 44.6 years

**Average length of service of contributing members**
- Ferris: 10.8 years
- Huxley: 6.3 years
- Florence: 5.5 years
- Floresville: 5.9 years
- Flower Mound: 13.5 years
- Floydada: 6.0 years
- Forest Hill: 6.0 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $26,024,247 $2,097,043 $84,940,050 $608,443 $80,072 $98,165 $16,665,481
   b. Noncontributing Members 8,181,815 373,952 8,298,724 70,392 4,568 0 $2,627,104
   c. Annuitants 11,769,715 1,104,044 7,285,065 252,021 143,796 0 11,364,068

2. Total Actuarial Accrued Liability $43,612,777 $3,575,039 $100,523,839 $930,856 $228,436 $98,165 $30,656,653

3. Actuarial value of assets 35,257,370 2,881,388 69,546,617 1,315,774 209,941 7,947 23,691,433

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $8,355,407 $693,651 $30,977,222 ($384,918) $18,495 $90,218 $6,965,220

5. Funded Ratio: (3) / (2) 80.8% 80.6% 69.2% 141.4% 91.9% 8.1% 77.3%

6. Annual Payroll $11,761,406 $877,970 $50,699,639 $847,415 $131,965 $529,462 $9,911,413

#### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 9.17% 8.97% 9.20% 5.82% 2.55% 0.00% 6.01%
- Prior Service 4.26% 4.82% 3.65% -2.86% 0.85% 1.12% 4.22%
- Total Retirement 13.43% 13.79% 12.85% 2.96% 3.40% 1.12% 10.23%

**Supplemental Death**
- 0.17% 0.19% 0.10% 0.18% 0.00% 0.12% 0.20%
- Total Rate 13.60% 13.98% 12.95% 3.14% 3.40% 1.24% 10.43%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A 13.73% 12.46% N/A N/A N/A 10.07%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.2 years 26.4 years 27.3 years 25.0 years 26.6 years 23.3 years 27.1 years
- Number of annuitants 66 13 50 6 1 0 95
- Number of active contributing members 202 26 806 23 4 13 214
- Number of inactive members 82 23 258 15 1 0 88
- Average age of contributing members 42.6 years 44.5 years 40.1 years 40.7 years 46.0 years 39.6 years 43.1 years
- Average length of service of contributing members 10.8 years 11.6 years 8.5 years 3.8 years 7.7 years 3.9 years 10.7 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $6,229,292 $705,284 $961,493 $358,768,063 $910,743 $44,952 $6,213,545
   b. Noncontributing Members 6,747,596 383,290 275,827 23.0 years 69,079 241,564 4,392,284
   c. Annuitants 6,747,596 383,290 275,827 23.0 years 69,079 241,564 4,392,284

2. Total Actuarial Accrued Liability $14,323,166 $1,994,386 $1,465,880 $656,017,662 $1,238,630 $289,546 $11,287,724

3. Actuarial value of assets 11,383,189 1,897,773 991,024 621,330,352 1,106,303 211,015 8,661,028

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $2,939,977 $96,613 $474,856 $34,687,310 $132,327 $78,531 $2,626,696

5. Funded Ratio: (3) / (2) 79.5% 95.2% 67.6% 94.7% 89.3% 72.9% 76.7%

6. Annual Payroll $3,143,453 $451,313 $1,192,823 $126,980,250 $297,070 $130,439 $2,784,620

#### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 9.17% 11.40% 2.51% 10.25% 12.96% 2.67% 10.04%
- Prior Service 5.60% 1.26% 2.67% 1.65% 2.65% 3.59% 5.65%
- Total Retirement 14.77% 12.66% 5.18% 11.90% 15.61% 6.26% 15.99%

**Supplemental Death**
- 0.27% 0.30% 0.14% 0.17% 0.00% 0.23%
- Total Rate 15.04% 12.96% 5.32% 12.07% 15.99% 6.26% 15.92%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- 14.78% 11.77% N/A N/A N/A N/A 14.84%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.2 years 28.1 years 22.5 years 268 years 27.5 years 27.4 years 27.2 years
- Number of annuitants 48 5 4 984 2 3 36
- Number of active contributing members 73 11 25 1,980 8 3 70
- Number of inactive members 75 5 21 418 5 3 21
- Average age of contributing members 41.6 years 51.0 years 44.1 years 51.2 years 39.7 years 43.7 years
- Average length of service of contributing members 9.3 years 7.8 years 12.0 years 12.7 years 13.1 years 4.6 years 10.1 years
## SUMMARY OF ACTUARIAL INFORMATION

### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - George West: $519,307
     - Georgetown: $47,680,743
     - Goldthwaite: $4,856,475
     - Gilmer: $3,668,190
     - Gladewater: $1,840,628
     - Glenn Heights: $1,636,537
   - **b. Noncontributing Members**
     - $174,986
   - **c. Annuitants**
     - $57,862

### 2. Total Actuarial Accrued Liability
   - $723,745

### 3. Actuarial value of assets
   - $418,640

### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - $305,105

### 5. Funded Ratio: (3) / (2)
   - 57.8%

### 6. Annual Payroll
   - $919,167

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - **Normal Cost**
     - 0.91%
   - **Prior Service**
     - 2.27%
   - **Total Retirement**
     - 3.18%
   - **Supplemental Death**
     - 0.13%
   - **Total Rate**
     - 3.31%

#### Supplemental Death
   - 0.13%

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

#### Statutory Maximum Rate (Total Retirement Only)
   - 8.50%

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - 21.9 years

#### Number of annuitants
   - 3

#### Number of active contributing members
   - 15

#### Number of inactive members
   - 15

#### Average age of contributing members
   - 43.8 years

#### Average length of service of contributing members
   - 7.1 years

---

## SUMMARY OF ACTUARIAL INFORMATION

### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - Godley: $93,361
     - Goldsmith: $75,450
     - Goldthwaite: $1,550,309
     - Giddings: $868,251
     - Gilmer: $5,362,111
     - Gladewater: $19,950
     - Glen Rose: $5,585,405
     - Glenn Heights: $2,350,804
   - **b. Noncontributing Members**
     - $30,038
   - **c. Annuitants**
     - $136,689

### 2. Total Actuarial Accrued Liability
   - $260,088

### 3. Actuarial value of assets
   - $201,222

### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - $58,866

### 5. Funded Ratio: (3) / (2)
   - 77.4%

### 6. Annual Payroll
   - $360,253

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - **Normal Cost**
     - 0.62%
   - **Prior Service**
     - 1.12%
   - **Total Retirement**
     - 1.74%
   - **Supplemental Death**
     - 0.15%
   - **Total Rate**
     - 1.89%

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

#### Statutory Maximum Rate (Total Retirement Only)
   - 8.50%

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - 21.8 years

#### Number of annuitants
   - 4

#### Number of active contributing members
   - 11

#### Number of inactive members
   - 9

#### Average age of contributing members
   - 41.9 years

#### Average length of service of contributing members
   - 7.1 years
## Summary of Actuarial Information

1. Actuarial Accrued Liability
   - Contributing Members: $8,596,173, $13,869,597, $215,864,246, $1,478,389, $367,328, $157,332, $343,785
   - Noncontributing Members: $1,871,515, $3,869,474, $26,709,272, $204,841, $204,030, $117,305, $137,243
   - Annuitants: $2,322,107, $7,272,319, $122,853,148, $334,741, $333,314, $14,910, $17,532

2. Total Actuarial Accrued Liability: $12,789,795, $25,011,390, $365,426,666, $2,017,971, $904,672, $289,547, $498,560


4. Unfunded/(overfunded) actuarial accrued liability: ($2) - (3) = $1,939,215, $6,364,980, $65,967,395, $254,933, ($65,770), ($49,604), $11,382

5. Funded Ratio: (3) / (2) = 115.2%, 74.6%, 81.9%, 87.4%, 107.3%, 117.1%, 97.7%

6. Annual Payroll: $8,507,538, $6,593,119, $67,598,356, $1,095,961, $577,996, $326,834, $1,103,902

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## City Contribution Rates for 2012

### Retirement
- **Normal Cost**: 3.97%, 10.47%, 12.05%, 3.88%, 3.23%, 1.73%, 0.51%
- **Prior Service**: -1.43%, 5.79%, 5.86%, 1.41%, -0.72%, -0.96%, 0.08%
- **Total Retirement**: 2.54%, 16.26%, 17.91%, 5.29%, 2.51%, 0.77%, 0.59%

### Supplemental Death
- **Rate**: 0.19%, 0.16%, 0.16%, 0.20%, 0.00%, 0.00%, 0.10%

### Total Rate
- **Phase-In Rate (Minimum Contribution)**: N/A, 15.48%, 18.02%, N/A, N/A, N/A, N/A
- **Statutory Maximum Rate (Total Retirement Only)**: 9.50%, N/A, N/A, 9.50%, 11.50%, 7.50%, N/A

### GASB 25 Equivalent Single Amortization Period
- 25.1 years, 27.2 years, 27.1 years, 26.7 years, 24.8 years, 24.8 years, 18.1 years

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### Additional Information

- **Number of Annuitants**: 38, 48, 451, 10, 6, 2, 1
- **Number of Active Contributing Members**: 196, 138, 1,104, 30, 14, 9, 28
- **Number of Inactive Members**: 122, 63, 344, 15, 17, 8, 23
- **Average Age of Contributing Members**: 45.7 years, 43.0 years, 43.3 years, 44.0 years, 41.5 years, 50.5 years, 42.6 years
- **Average Length of Service of Contributing Members**: 7.8 years, 9.0 years, 12.7 years, 9.6 years, 7.5 years, 6.4 years, 4.4 years

---

### Summary of Actuarial Information

1. Actuarial Accrued Liability
   - Noncontributing Members: $53,530, $13,561,998, $6,768,004, $109,550, $1,559,501, $15,099, $3,002

2. Total Actuarial Accrued Liability: $647,859, $175,238,441, $79,223,692, $285,188, $8,371,404, $954,810, $212,324


4. Unfunded/(overfunded) actuarial accrued liability: ($2) - (3) = $184,222, $43,968,965, $5,237,774, ($41,160), $1,547,790, $256,847, ($4,660)

5. Funded Ratio: (3) / (2) = 71.6%, 74.9%, 93.4%, 114.4%, 81.5%, 73.1%, 102.2%

6. Annual Payroll: $354,917, $36,731,284, $16,258,705, $226,714, $1,655,429, $1,268,627, $1,27,262

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### City Contribution Rates for 2012

### Retirement
- **Normal Cost**: 2.81%, 12.08%, 9.52%, 3.05%, 11.66%, 0.70%, 3.36%
- **Prior Service**: 3.10%, 7.17%, 1.94%, -1.14%, 5.60%, 1.38%, -0.23%
- **Total Retirement**: 5.91%, 19.25%, 11.46%, 1.91%, 17.26%, 2.08%, 3.13%

### Supplemental Death
- **Rate**: 0.00%, 0.00%, 0.19%, 0.11%, 0.18%, 0.25%, 0.00%

### Total Rate
- **Phase-In Rate (Minimum Contribution)**: N/A, 17.92%, N/A, N/A, 17.06%, N/A, N/A
- **Statutory Maximum Rate (Total Retirement Only)**: 7.50%, N/A, N/A, 9.50%, N/A, N/A, 7.50%

### GASB 25 Equivalent Single Amortization Period
- 27.4 years, 27.2 years, 27.0 years, 25.1 years, 22.0 years, 21.8 years, 25.1 years

### Additional Information

- **Number of Annuitants**: 6, 202, 172, 1, 12, 7, 4
- **Number of Active Contributing Members**: 13, 541, 333, 6, 29, 16, 4
- **Number of Inactive Members**: 122, 200, 120, 6, 8, 10, 3
- **Average Age of Contributing Members**: 51.1 years, 45.2 years, 44.8 years, 43.4 years, 41.5 years, 31.3 years, 27.2 years
- **Average Length of Service of Contributing Members**: 7.8 years, 9.0 years, 12.7 years, 9.6 years, 7.5 years, 6.4 years, 4.4 years
SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   b. Noncontributing Members 1,696,828 270 199,450 503,923 2,132 66,442 458,193
   c. Annuitants 12,015,692 31,671 478,835 390,037 60,353 62,159 1,340,565

2. Total Actuarial Accrued Liability $29,117,087 $105,014 $889,841 $1,804,376 $111,794 $212,347 $4,667,416


4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,730,802 ($3,353) $49,311 $76,102 ($41,645) $96,462 $818,556

5. Funded Ratio: (3) / (2) 94.1% 103.2% 94.5% 95.8% 137.3% 54.6% 82.5%

6. Annual Payroll $6,032,138 $159,697 $252,100 $1,587,403 $367,551 $328,944 $1,181,266

CITY CONTRIBUTION RATES FOR 2012

Retirement
   Normal Cost 8.60% 1.92% 3.97% 3.90% 0.73% 0.54% 8.71%
   Prior Service 1.76% -0.13% 1.30% 0.31% -0.71% 2.00% 4.17%
   Total Retirement 10.36% 1.79% 5.27% 4.21% 0.02% 2.54% 12.88%
   Supplemental Death 0.00% 0.19% 0.00% 0.16% 0.12% 0.07% 0.25%
   Total Rate 10.36% 1.98% 5.27% 4.37% 0.14% 2.61% 13.13%

Supplemental Death 0.00% 0.19% 0.00% 0.16% 0.12% 0.07% 0.25%
   Total Rate 10.36% 1.98% 5.27% 4.37% 0.14% 2.61% 13.13%

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

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

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 26.1 years 25.7 years 22.9 years 23.9 years 25.2 years 22.0 years 27.0 years

Number of annuitants 70 2 3 11 2 1 17

Number of active contributing members 99 6 7 45 10 10 35

Number of inactive members 24 1 5 23 4 10 16

Average age of contributing members 43.7 years 48.5 years 37.0 years 44.2 years 41.9 years 40.6 years 47.4 years

Average length of service of contributing members 14.9 years 6.4 years 5.6 years 6.3 years 1.9 years 5.3 years 14.5 years

SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $251,410 $38,793,830 $1,543,350 $616,095 $49,095 $20,855,356 $31,720,939
   c. Annuitants 272,493 31,654,638 1,227,444 1,468,958 372,809 2,220,619 29,573,985


3. Actuarial value of assets 297,387 58,206,864 2,118,022 2,235,598 399,805 17,265,452 67,577,615

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $248,010 $21,244,700 $900,403 $251,966 $101,960 $8,674,073 $1,285,811

5. Funded Ratio: (3) / (2) 54.5% 73.3% 70.2% 89.9% 79.7% 66.6% 98.1%

6. Annual Payroll $488,907 $15,446,529 $641,944 $439,629 $91,364 $9,521,985 $13,462,183

CITY CONTRIBUTION RATES FOR 2012

Retirement
   Normal Cost 0.99% 11.26% 11.49% 8.46% 6.87% 8.63% 7.61%
   Prior Service 3.09% 8.24% 8.35% 3.40% 6.71% 5.47% 0.89%
   Total Retirement 4.08% 19.50% 19.84% 11.86% 13.58% 14.10% 8.50%
   Supplemental Death 0.20% 0.15% 0.47% 0.54% 0.37% 0.14% 0.22%
   Total Rate 4.28% 19.65% 20.31% 12.40% 13.95% 14.24% 8.72%

Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A 18.96% 18.53% N/A 11.58% 13.24% N/A

Statutory Maximum Rate (Total Retirement Only) N/A N/A N/A N/A N/A 13.50% 15.50%

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 26.4 years 27.2 years 27.5 years 27.7 years 27.6 years 27.1 years 19.1 years

Number of annuitants 3 13 18 13 3 29 247

Number of active contributing members 13 282 18 15 3 198 332

Number of inactive members 5 129 7 10 1 106 113

Average age of contributing members 41.8 years 42.3 years 49.8 years 41.9 years 79.7 years 66.6% 98.1%

Average length of service of contributing members
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   a. Contributing Members $7,314,537 $69,618 $707,303 $876,091 $723,672 $3,260 $2,254,175
   b. Noncontributing Members 2,242,793 3,554 96,050 348,507 18,720 0 936,095
   c. Annuitants 7,660,062 63,073 287,410 22,323 218,071 105,737 2,186,796

2. **Total Actuarial Accrued Liability** $17,217,392 $136,245 $1,090,763 $1,246,921 $960,463 $108,997 $5,377,066

3. **Actuarial value of assets** 18,117,479 67,510 1,393,340 1,035,939 1,091,963 127,230 3,573,552

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3) ($900,087) $68,735 ($302,577) $210,982 ($131,500) ($18,233) $1,803,514

5. **Funded Ratio**: (3) / (2) 105.2% 49.6% 127.7% 83.1% 113.7% 116.7% 66.5%

6. **Annual Payroll** $5,194,426 $127,237 $507,650 $691,128 $363,780 $26,133 $1,914,869

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 3.87% 1.54% 2.58% 4.76% 6.15% 9.52% 8.31%
- Prior Service -1.09% 3.68% -2.58% 2.11% -2.28% -4.39% 5.59%
- Total Retirement 2.78% 5.22% 0.00% 6.87% 3.87% 5.13% 14.06%

**Supplemental Death**
- 0.24% 0.00% 0.19% 0.06% 0.33% 0.52% 0.16%
- Total Rate 3.02% 5.22% 0.19% 6.93% 4.20% 5.65% 13.65%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A N/A N/A N/A 12.45%

**Statutory Maximum Rate (Total Retirement Only)**
- 9.50% N/A 9.50% 15.50% 10.50% N/A 13.50%

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 25.0 years 22.0 years 58.7 years 21.5 years 24.9 years 25.0 years 27.7 years
- **Number of annuitants**: 74 2 7 1 9 2 22
- **Number of active contributing members**: 130 4 17 15 11 1 57
- **Number of inactive members**: 44 2 4 11 4 0 34
- **Average age of contributing members**: 46.2 years 41.1 years 46.4 years 35.8 years 47.0 years 61.1 years 40.9 years
- **Average length of service of contributing members**: 10.6 years 7.8 years 9.5 years 9.1 years 7.2 years 1.3 years 5.9 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   a. Contributing Members $3,717,196 $1,240 $2,422,717 $1,817,337 $940,276 $3,173,066 $11,367,177
   b. Noncontributing Members 835,582 73,908 287,659 287,154 133,110 367,611 1,448,857
   c. Annuitants 879,735 24,861 426,707 419,942 221,005 3,760,074 7,768,878

2. **Total Actuarial Accrued Liability** $5,432,513 $100,009 $3,137,083 $2,524,433 $1,294,391 $7,300,751 $20,592,912

3. **Actuarial value of assets** 4,190,126 118,717 2,684,856 2,284,728 1,566,566 6,100,064 15,646,812

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3) $1,242,387 ($18,708) $452,227 $239,705 ($212,175) $1,140,687 $4,946,100

5. **Funded Ratio**: (3) / (2) 77.1% 118.7% 85.6% 90.5% 116.4% 84.4% 76.0%

6. **Annual Payroll** $2,714,715 $47,740 $1,711,642 $2,021,344 $902,923 $2,108,676 $5,123,536

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 5.58% 1.60% 5.27% 3.35% 1.57% 9.42% 15.64%
- Prior Service 3.12% -1.60% 1.80% 0.78% -1.48% 3.27% 5.80%
- Total Retirement 8.70% 0.00% 7.07% 3.46% 1.85% 9.58% 15.80%

**Supplemental Death**
- 0.12% 0.29% 0.20% 0.11% 0.28% 0.16% 0.16%
- Total Rate 8.82% 0.29% 7.27% 3.46% 1.85% 9.58% 15.80%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**
- N/A N/A N/A N/A N/A N/A 16.62%

**Statutory Maximum Rate (Total Retirement Only)**
- 13.50% 11.50% 13.50% 12.50% 12.50% 12.50% 14.52%
## SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members
      - Henrietta: $709,875
      - Hereford: $7,444,195
      - Hewitt: $6,693,382
      - Hico: $996,045
      - Higgins: $293,142
      - Highland Village: $138,928
   b. Noncontributing Members
      - $1,068,970
      - $4,468,563
      - $2,943,217
      - $36,039
      - $68,072
      - $598,715
   c. Annuitants
      - $1,068,970
      - $4,468,563
      - $2,943,217
      - $36,039
      - $68,072
      - $598,715

2. Total Actuarial Accrued Liability
   - $2,040,286
   - $14,204,260
   - $10,603,102
   - $1,200,866
   - $705,757
   - $9,544,504
   - $211,396

3. Actuarial value of assets
   - $1,328,656
   - $11,680,649
   - $7,723,966
   - $1,088,182
   - $663,496
   - $7,839,685
   - $213,502

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - ($2,523,611)
   - $2,879,136
   - $1,212,648
   - $802,764
   - $422,917
   - $1,704,819
   - ($2,106)

5. Funded Ratio: (3) / (2)
   - 65.1%
   - 82.2%
   - 72.8%
   - 90.6%
   - 94.0%
   - 82.1%
   - 101.0%

6. Annual Payroll
   - $648,673
   - $3,916,630
   - $3,189,676
   - $1,081,521
   - $285,721
   - $5,319,167
   - $63,580

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost: 7.59%
   - Prior Service: 6.58%
   - Total Retirement: 14.17%
   - Supplemental Death: 0.19%
   - Total Rate: 14.49%

#### 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 1/2012
   - 27.2 years
   - 27.2 years
   - 27.1 years
   - 28.3 years
   - 27.0 years
   - 27.5 years
   - 24.7 years

Number of annuitants
   - 10
   - 29
   - 16
   - 33
   - 16
   - 31
   - 29

Number of active contributing members
   - 18
   - 93
   - 80
   - 22
   - 10
   - 140
   - 2

Number of inactive members
   - 16
   - 33
   - 45
   - 18
   - 7
   - 64
   - 0

Average age of contributing members
   - 45.5 years
   - 41.9 years
   - 39.1 years
   - 40.0 years
   - 56.1 years
   - 42.7 years
   - 56.0 years

Average length of service of contributing members
   - 6.2 years
   - 10.5 years
   - 8.6 years
   - 7.4 years
   - 7.2 years
   - 7.7 years
   - 18.2 years

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## SUMMARY OF ACTUARIAL INFORMATION

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost: 7.49%
   - Prior Service: 1.27%
   - Total Retirement: 6.22%
   - Supplemental Death: 0.00%
   - Total Rate: 6.22%

#### 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 1/2012
   - 24.9 years
   - 27.1 years
   - 26.2 years
   - 27.2 years
   - 15.5 years
   - 24.9 years
   - 27.1 years

Number of annuitants
   - 78
   - 30
   - 120
   - 71
   - 49
   - 15

Number of active contributing members
   - 120
   - 132
   - 72
   - 71
   - 49
   - 10

Number of inactive members
   - 31
   - 72
   - 14
   - 12
   - 12
   - 10

Average age of contributing members
   - 44.9 years
   - 83.4 years
   - 78.9 years
   - 71.9 years
   - 59.7 years
   - 58.0 years

Average length of service of contributing members
   - 6.7 years
   - 10.2 years
   - 10.8 years
   - 9.4 years
   - 8.7 years
   - 7.0 years

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## SUMMARY OF ACTUARIAL INFORMATION

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost: 7.67%
   - Prior Service: 0.00%
   - Total Retirement: 7.67%
   - Supplemental Death: 0.00%
   - Total Rate: 7.67%

#### 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 1/2012
   - 27.2 years
   - 27.2 years
   - 27.1 years
   - 28.3 years
   - 27.0 years
   - 27.5 years
   - 24.7 years

Number of annuitants
   - 78
   - 30
   - 120
   - 71
   - 49
   - 15

Number of active contributing members
   - 120
   - 132
   - 72
   - 71
   - 49
   - 10

Number of inactive members
   - 31
   - 72
   - 14
   - 12
   - 12
   - 10

Average age of contributing members
   - 44.9 years
   - 83.4 years
   - 78.9 years
   - 71.9 years
   - 59.7 years
   - 58.0 years

Average length of service of contributing members
   - 6.7 years
   - 10.2 years
   - 10.8 years
   - 9.4 years
   - 8.7 years
   - 7.0 years
### Summary of Actuarial Information

<table>
<thead>
<tr>
<th></th>
<th>Hollywood Park</th>
<th>Honda</th>
<th>Honey Grove</th>
<th>Hooks</th>
<th>Howe</th>
<th>Hubbard</th>
<th>Hudson</th>
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<td>Actuarial Accrued Liability</td>
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<tr>
<td>Contributing Members</td>
<td>$1,585,340</td>
<td>$3,688,408</td>
<td>$593,988</td>
<td>$222,937</td>
<td>$668,272</td>
<td>$194,679</td>
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<td>Noncontributing Members</td>
<td>$529,555</td>
<td>1,166,622</td>
<td>96,450</td>
<td>162,390</td>
<td>62,085</td>
<td>108,032</td>
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<tr>
<td>Annuitants</td>
<td>1,014,224</td>
<td>5,373,362</td>
<td>162,609</td>
<td>242,450</td>
<td>103,468</td>
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<td>Total</td>
<td>$3,121,519</td>
<td>$10,227,392</td>
<td>$853,047</td>
<td>$627,779</td>
<td>$1,214,145</td>
<td>$214,372</td>
<td>$245,068</td>
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| Actuarial value of assets | $2,593,415 | $8,606,192 | $741,275  | $670,341 | $1,254,084 | $217,839 | $298,715 |

| Unfunded/(overfunded) actuarial accrued liability: (2) - (3) | ($528,104) | $1,621,200 | $111,772  | ($42,562) | ($39,939) | ($3,467) | ($53,647) |

| Funded Ratio: (3) / (2) | 83.1% | 84.1% | 86.9% | 106.8% | 101.6% | 121.9% |

<table>
<thead>
<tr>
<th>City Contribution Rates for 2012</th>
<th></th>
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<td>Retirement</td>
<td></td>
<td></td>
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<tr>
<td>Normal Cost</td>
<td>5.68%</td>
<td>6.50%</td>
<td>6.47%</td>
<td>1.24%</td>
<td>6.08%</td>
<td>1.00%</td>
<td>1.08%</td>
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<tr>
<td>Prior Service</td>
<td>2.41%</td>
<td>2.97%</td>
<td>1.83%</td>
<td>-0.58%</td>
<td>-0.67%</td>
<td>-0.06%</td>
<td>-0.58%</td>
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<tr>
<td>Total Retirement</td>
<td>8.09%</td>
<td>9.47%</td>
<td>8.26%</td>
<td>0.66%</td>
<td>5.61%</td>
<td>0.94%</td>
<td>0.50%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.14%</td>
<td>0.17%</td>
<td>0.17%</td>
<td>0.24%</td>
<td>0.25%</td>
<td>0.16%</td>
<td>0.14%</td>
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<tr>
<td>Total Rate</td>
<td>8.23%</td>
<td>9.64%</td>
<td>8.43%</td>
<td>0.90%</td>
<td>5.84%</td>
<td>1.00%</td>
<td>0.64%</td>
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<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

| Statutory Maximum Rate (Total Retirement Only) | 10.5% | 11.5% | 8.43% | 0.90% | 8.43% | 11.0% | 0.64% |

### Additional Information

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2012</th>
<th>26.9 years</th>
<th>26.9 years</th>
<th>27.0 years</th>
<th>24.9 years</th>
<th>24.9 years</th>
<th>22.8 years</th>
<th>25.2 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>10</td>
<td>37</td>
<td>3</td>
<td>4</td>
<td>7</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>31</td>
<td>104</td>
<td>10</td>
<td>14</td>
<td>13</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>20</td>
<td>55</td>
<td>8</td>
<td>7</td>
<td>16</td>
<td>3</td>
<td>6</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>39.8 years</td>
<td>42.3 years</td>
<td>43.6 years</td>
<td>43.0 years</td>
<td>44.0 years</td>
<td>44.3 years</td>
<td>40.6 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>8.3 years</td>
<td>6.9 years</td>
<td>9.9 years</td>
<td>6.6 years</td>
<td>8.3 years</td>
<td>8.0 years</td>
<td>5.3 years</td>
</tr>
</tbody>
</table>

### Summary of Actuarial Information

<table>
<thead>
<tr>
<th></th>
<th>Hudson Oaks</th>
<th>Hughes Springs</th>
<th>Humble</th>
<th>Hunts Creek Village</th>
<th>Huntington</th>
<th>Huntsville</th>
<th>Hurst</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Contributing Members</td>
<td>$803,381</td>
<td>$1,876,221</td>
<td>$28,458,730</td>
<td>$433,436</td>
<td>$1,555,147</td>
<td>$23,036,774</td>
<td>$55,164,925</td>
</tr>
<tr>
<td>Noncontributing Members</td>
<td>$368,852</td>
<td>$121,343</td>
<td>$1,877,837</td>
<td>$88,676</td>
<td>$236,655</td>
<td>$5,996,337</td>
<td>$9,496,367</td>
</tr>
<tr>
<td>Annuitants</td>
<td>125,149</td>
<td>344,836</td>
<td>14,144,934</td>
<td>404,739</td>
<td>678,840</td>
<td>44,344,854</td>
<td>103,726,854</td>
</tr>
<tr>
<td>Total</td>
<td>$1,297,382</td>
<td>$2,342,400</td>
<td>$44,481,501</td>
<td>$926,851</td>
<td>$2,470,642</td>
<td>$52,324,084</td>
<td>$110,706,146</td>
</tr>
</tbody>
</table>

| Actuarial value of assets | $1,182,771 | $2,342,400     | $44,481,501 | $926,851 | $2,470,642 | $52,324,084 | $110,706,146 |

| Unfunded/(overfunded) actuarial accrued liability: (2) - (3) | ($114,611) | $70,796        | $7,272,813  | $562,557  | $71,767    | $5,800,509  | $74,444,363  |

| Funded Ratio: (3) / (2) | 91.2%       | 97.1%         | 83.6%       | 60.9%     | 71.2%      | 84.9%       | 93.3%       |

| Annual Payroll         | $1,016,265  | $541,494       | $11,521,137 | $398,388  | $661,450   | $12,513,516 | $21,329,263  |

### City Contribution Rates for 2012

<table>
<thead>
<tr>
<th>Retirement</th>
<th>Normal Cost</th>
<th>Prior Service</th>
<th>Total Retirement</th>
<th>Suppelemental 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>4.80%</td>
<td>0.755%</td>
<td>5.55%</td>
<td>0.08%</td>
<td>5.63%</td>
<td>N/A</td>
<td>11.50%</td>
</tr>
</tbody>
</table>

| Phase-In Rate (Minimum Contribution), Incl. Supplemental Death | N/A | 15.37% | 14.14% | N/A | 18.67% | N/A | N/A |

| Statutory Maximum Rate (Total Retirement Only) | 11.50% | 14.14% | 14.14% | N/A | 18.67% | N/A | N/A |

### Additional Information

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2012</th>
<th>22.9 years</th>
<th>27.4 years</th>
<th>27.1 years</th>
<th>22.5 years</th>
<th>27.3 years</th>
<th>24.9 years</th>
<th>23.4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>5</td>
<td>4</td>
<td>65</td>
<td>5</td>
<td>7</td>
<td>130</td>
<td>179</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>23</td>
<td>14</td>
<td>187</td>
<td>8</td>
<td>15</td>
<td>266</td>
<td>334</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>18</td>
<td>1</td>
<td>31</td>
<td>3</td>
<td>9</td>
<td>105</td>
<td>134</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>36.5 years</td>
<td>45.9 years</td>
<td>42.4 years</td>
<td>48.5 years</td>
<td>43.6 years</td>
<td>40.6 years</td>
<td>41.4 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>5.9 years</td>
<td>12.4 years</td>
<td>11.7 years</td>
<td>12.1 years</td>
<td>10.3 years</td>
<td>10.1 years</td>
<td>12.3 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members
   - b. Noncontributing Members
   - c. Annuitants

2. Total Actuarial Accrued Liability

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 2012

#### Retirement
- Normal Cost
- Prior Service
- Total Retirement
- Supplemental Death
- Total Rate
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Statutory Maximum Rate (Total Retirement Only)

#### Supplemental Death
- Total Rate

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012
- 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
   - b. Noncontributing Members
   - c. Annuitants

2. Total Actuarial Accrued Liability

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 2012

#### Retirement
- Normal Cost
- Prior Service
- Total Retirement
- Supplemental Death
- Total Rate
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- Statutory Maximum Rate (Total Retirement Only)

#### Supplemental Death
- Total Rate

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012
- 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: $6,425,592, $833,952, $9,096,717, $626,792, $40,772, $712,859, $146,111
   - b. Noncontributing Members: 593,760, 98,787, 2,730,691, 28,915, 3,926, 8,129, 0
   - c. Annuitants: 11,499,180, 543,345, 3,300,489, 7,309, 141,262, 150,972, 95,383
2. **Total Actuarial Accrued Liability**: $18,518,532, $1,476,084, $15,127,897, $663,016, $185,960, $871,960, $241,494
3. **Actuarial value of assets**: 17,269,974, 1,073,282, 10,679,782, 501,836, 143,103, 782,340, 201,989
4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3) $1,248,558, $402,802, $4,436,115, $161,180, $42,857, $89,620, $39,505
5. **Funded Ratio**: (3) / (2) 93.3%, 72.7%, 70.7%, 75.7%, 77.0%, 89.7%, 83.6%
6. **Annual Payroll**: $4,592,073, $728,707, $4,669,104, $360,175, $214,154, $568,545, $160,776

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 5.81%, 3.22%, 8.42%, 5.72%, 0.03%, 5.56%, 4.45%
- Prior Service: 2.08%, 3.34%, 5.70%, 2.73%, 1.34%, 0.97%, 1.66%
- Total Retirement: 7.89%, 6.56%, 14.12%, 8.43%, 1.37%, 6.33%, 6.11%
- Supplemental Death: 0.17%, 0.23%, 0.18%, 0.18%, 0.20%, 0.14%, 0.29%
- Total Rate: 8.06%, 6.79%, 14.30%, 8.63%, 1.57%, 6.67%, 6.40%

#### Statutory Maximum Rate (Total Retirement Only)
- 15.50%
- 16.60%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 18.5 years, 26.8 years, 27.1 years, 26.7 years, 22.6 years, 23.9 years, 22.3 years
- Number of annuitants: 67, 7, 17, 1, 2, 4, 2
- Number of active contributing members: 112, 20, 97, 9, 6, 13, 5
- Number of inactive members: 48, 11, 42, 8, 2, 4, 0
- Average age of contributing members: 41.7 years, 49.8 years, 45.1 years, 46.9 years, 47.4 years, 45.2 years, 56.1 years
- Average length of service of contributing members: 9.1 years, 10.8 years, 10.4 years, 8.9 years, 6.4 years, 8.8 years, 8.4 years

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 3.06%, 3.34%, 2.60%, 4.17%, 9.92%, 1.80%, 2.79%
- Prior Service: 1.27%, 1.53%, -0.06%, 1.30%, 6.20%, 0.65%, 2.82%
- Total Retirement: 4.33%, 4.87%, 2.54%, 5.47%, 16.12%, 2.45%, 5.63%
- Supplemental Death: 0.22%, 0.08%, 0.09%, 0.22%, 0.00%, 0.22%
- Total Rate: 4.55%, 4.95%, 2.63%, 5.69%, 16.35%, 2.45%, 5.83%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 22.3 years, 22.3 years, 27.4 years, 26.9 years, 27.3 years, 21.4 years, 27.1 years
- Number of annuitants: 3, 0, 4, 10, 10, 3, 10
- Number of active contributing members: 25, 4, 33, 30, 20, 22, 18
- Number of inactive members: 7, 4, 23, 20, 14, 8
- Average age of contributing members: 46.4 years, 43.6 years, 41.1 years, 43.2 years, 48.0 years, 41.4 years, 41.6 years
- Average length of service of contributing members: 5.2 years, 9.3 years, 6.5 years, 5.7 years, 12.5 years, 7.3 years, 7.7 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $18,046,554 $5,891,717 $4,188,018 $42,564,989 $1,958,531 $76,451 $392,489
   b. Noncontributing Members 7,106,881 2,066,262 1,025,283 8,228,548 358,324 161,650 525,827
   c. Annuitants 80,7% 73,8% 68,1% 95,6% 133,6% 86,0%

2. Total Actuarial Accrued Liability $26,322,150 $8,527,266 $5,883,585 $58,504,638 $2,412,687 $448,329 $1,318,796

3. Actuarial value of assets 21,230,302 6,291,219 4,009,063 40,413,402 2,305,884 598,837 1,133,631

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $5,091,848 $2,236,047 $1,874,522 $18,091,236 $106,803 ($150,508) $185,165

5. Funded Ratio: (3) / (2) 80.7% 73.8% 68.1% 69.1% 95.6% 133.6% 86.0%

6. Annual Payroll $7,154,934 $2,499,013 $2,030,130 $17,978,117 $1,746,911 $468,174 $600,032

### CITY CONTRIBUTION RATES FOR 2012

Retirement
Normal Cost 12.05% 9.05% 9.27% 10.58% 2.28% 0.92% 2.30%
Prior Service 4.26% 5.36% 5.54% 6.02% 0.44% -0.92% 1.86%
Total Retirement 16.31% 14.41% 14.81% 16.60% 2.72% 0.00% 4.16%
Supplemental Death 0.21% 0.19% 0.13% 0.12% 0.14% 0.00% 0.16%
Total Rate 16.52% 14.60% 14.94% 16.72% 2.86% 0.00% 4.32%

Phase-In Rate (Minimum Contriution), Incl. Supplemental Death 15.70% 14.59% 13.82% 16.04% N/A N/A N/A
Statutory Maximum Rate (Total Retirement Only) N/A N/A 13.50% N/A N/A 7.50% 7.50%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 27.2 years 27.2 years 27.1 years 27.3 years 20.2 years 100.0 years 26.9 years
Number of annuitants 31 22 10 51 4 5 6
Number of active contributing members 129 62 48 295 35 16 19
Number of inactive members 25 32 27 141 23 17 12
Average age of contributing members 44.4 years 44.5 years 40.8 years 41.8 years 41.7 years 39.6 years 45.4 years
Average length of service of contributing members 11.4 years 11.4 years 8.8 years 10.8 years 10.9 years 2.4 years 9.0 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $2,952,635 $332,049 $147,256 $233,269 $146,483 $65,941 $281,871
   b. Noncontributing Members 1,249,826 166,953 166,701 118,152 2,515 5,738 313,248
   c. Annuitants 575,360 996,325 26,367 0 115,660 0 10,013

2. Total Actuarial Accrued Liability $4,777,821 $1,495,067 $340,324 $351,421 $264,658 $71,679 $605,132

3. Actuarial value of assets 3,591,448 1,218,852 425,365 359,829 243,820 44,083 688,479

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,186,373 $276,215 ($85,041) ($8,408) $20,838 $27,596 ($83,347)

5. Funded Ratio: (3) / (2) 75.2% 81.5% 125.0% 102.4% 92.1% 61.5% 113.8%

6. Annual Payroll $1,760,093 $695,537 $226,344 $794,754 $70,325 $138,593 $1,024,071

#### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 8.71% 2.17% 4.44% 0.73% 7.99% 0.00% 0.26%
- Prior Service 4.06% 2.38% -2.36% -0.07% 2.28% 1.33% -0.26%
- Total Retirement 12.77% 4.55% 2.08% 0.66% 10.27% 1.33% 0.00%

**Supplemental Death**
- 0.10% 0.27% 0.30% 0.08% 0.00% 0.11% 0.10%

- **Total Rate** 12.87% 4.82% 2.38% 0.74% 10.27% 1.44% 0.10%

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

**Statutory Maximum Rate (Total Retirement Only)**
- 11.62% N/A N/A N/A N/A N/A N/A

**Statutory Maximum Rate (Total Retirement Only)**
- 13.50% 7.50% 9.50% 110.4% 11.50% 11.50%

#### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
- 27.0 years 27.2 years 25.1 years 23.0 years 18.3 years 22.7 years 100.0 years

**Number of annuitants**
- Kirby: 12, Kirbyville: 15, Knox City: 1, Krugerville: 4, Krum: 0

**Number of active contributing members**
- Kirby: 53, Kirbyville: 21, Knox City: 9, Krugerville: 25, Krum: 1

**Number of inactive members**
- Kirby: 57, Kirbyville: 27, Knox City: 8, Krugerville: 21, Krum: 2

**Average age of contributing members**
- Kirby: 37.4 years, Kirbyville: 45.0 years, Knox City: 53.7 years, Krugerville: 41.0 years, Krum: 58.2 years

**Average length of service of contributing members**
- Kirby: 6.3 years, Kirbyville: 7.3 years, Knox City: 5.5 years, Krugerville: 3.9 years, Krum: 19.7 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   b. Noncontributing Members 538,094 39,711 436,470 1,234,763 68,577 88 3,663,592
   c. Annuitants 1,323,866 1,225 689,535 2,834,662 104,250 0 8,255,185

2. Total Actuarial Accrued Liability $7,470,724 $163,596 $4,026,539 $8,985,788 $437,513 $777,211 $17,537,023

3. Actuarial value of assets 5,664,341 180,681 2,645,493 7,793,841 439,520 21,516 14,674,835

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $1,806,383 ($17,085) $1,381,046 $1,191,947 ($2,007) $755,695 $2,862,188

5. Funded Ratio: (3) / (2) 75.8% 110.4% 65.7% 86.7% 100.5% 2.8% 83.7%

6. Annual Payroll $5,939,919 $214,220 $1,869,308 $2,167,418 $487,721 $1,206,635 $5,628,200

#### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 5.92% 1.33% 5.17% 8.47% 4.79% 0.92% 6.42%
- Prior Service 2.07% -0.50% 4.43% 3.30% -0.03% 4.00% 3.06%
- Total Retirement 7.99% 0.83% 9.60% 11.77% 4.76% 4.92% 9.48%

**Supplemental Death**
- 0.11% 0.00% 0.18% 0.23% 0.24% 0.16% 0.15%

- **Total Rate** 8.10% 0.83% 9.78% 12.00% 5.00% 5.08% 9.63%

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

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

#### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
- 22.0 years 25.2 years 27.2 years 27.1 years 19.8 years 24.4 years 27.0 years

**Number of annuitants**
- Kyle: 9, La Coste: 1, La Feria: 13, La Grange: 26, La Grulla: 3, La Joya: 0, La Marque: 61

**Number of active contributing members**
- Kyle: 127, La Coste: 7, La Feria: 104.7, La Grange: 67, La Grulla: 21, La Joya: 1, La Marque: 74

**Number of inactive members**
- Kyle: 48, La Coste: 2, La Feria: 25, La Grange: 9, La Grulla: 1, La Joya: 7, La Marque: 17

**Average age of contributing members**
- Kyle: 40.5 years, La Coste: 52.8 years, La Feria: 42.9 years, La Grange: 46.7 years, La Grulla: 45.3 years, La Joya: 40.6 years, La Marque: 41.5 years

**Average length of service of contributing members**
- Kyle: 6.3 years, La Coste: 7.3 years, La Feria: 5.5 years, La Grange: 3.9 years, La Grulla: 19.7 years, La Joya: 8.5 years, La Marque: 5.5 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - a. Contributing Members
     - La Porte: $62,769,425
     - La Vernia: $173,148
     - Lacy-Lakeview: $2,163,287
     - Ladonia: $12,537
     - Lago Vista: $4,012,068
     - Lake Dallas: $236,580
   - b. Noncontributing Members
     - La Porte: $38,305,968
     - La Vernia: 0
     - Lacy-Lakeview: 0
     - Ladonia: 0
     - Lago Vista: 0
     - Lake Dallas: 0
   - c. Annuitants
     - La Porte: $88,730,728
     - La Vernia: 0
     - Lacy-Lakeview: 0
     - Ladonia: 0
     - Lago Vista: 0
     - Lake Dallas: 0

#### 2. Total Actuarial Accrued Liability
   - $106,875,060

#### 3. Actuarial value of assets
   - $88,730,728

#### 4. Unfunded/(overfunded) actuarial accrued liability
   - ($2) - (3)
   - ($24,753)

#### 5. Funded Ratio
   - (3) / (2)
   - 83.0%

#### 6. Annual Payroll
   - $19,816,947

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost
     - La Porte: 11.99%
     - La Vernia: 5.50%
     - Lacy-Lakeview: 17.49%
     - Ladonia: 0.14%
     - Lago Vista: 0.4%
     - Lake Dallas: 17.67%
   - Prior Service
     - La Porte: 1.08%
     - La Vernia: 2.41%
     - Lacy-Lakeview: 3.49%
     - Ladonia: 0.24%
     - Lago Vista: 3.77%
     - Lake Dallas: 3.77%
   - Total Retirement
     - La Porte: 12.41%
     - La Vernia: 4.58%
     - Lacy-Lakeview: 12.14%
     - Ladonia: 0.6%
     - Lago Vista: 7.29%
     - Lake Dallas: 12.57%
   - Supplemental Death
     - La Porte: 0.24%
     - La Vernia: 4.58%
     - Lacy-Lakeview: 0.34%
     - Ladonia: 0.03%
     - Lago Vista: 0.03%
     - Lake Dallas: 0.03%
   - Total Rate
     - La Porte: 12.65%
     - La Vernia: 4.67%
     - Lacy-Lakeview: 12.41%
     - Ladonia: 0.67%
     - Lago Vista: 7.32%
     - Lake Dallas: 12.57%

#### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 27.1 years
- Number of annuitants: 127
- Number of active contributing members: 371
- Number of inactive members: 122
- Average age of contributing members: 42.9 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**
     - Lampasas: $8,517,172
     - Lancaster: $25,852,110
     - Laredo: $252,002,499
     - Leon: $398,175
     - League City: $51,033,023
     - Leander: $11,939,068
     - Lindale: $14,387,248
   - **Noncontributing Members**
     - Lampasas: 4,319,418
     - Lancaster: 21,955,165
     - Laredo: 98,314,567
     - Leon: 0
     - League City: 19,877,547
     - Leander: 1,033,859
     - Lindale: 11,804,405
   - **Annuitants**
     - Lampasas: 75.7%
     - Lancaster: 73.4%
     - Laredo: 62.5%
     - Leon: 0%
     - League City: 75.3%
     - Leander: 60.7%
     - Lindale: 85.0%

2. **Total Actuarial Accrued Liability**
   - Lampasas: $14,408,723
   - Lancaster: $58,639,756
   - Laredo: $363,711,044
   - Leon: $412,813
   - League City: $79,487,232
   - Leander: $14,074,172
   - Lindale: $30,487,236

3. **Actuarial value of assets**
   - Lampasas: $10,902,096
   - Lancaster: $43,023,260
   - Laredo: $227,498,651
   - Leon: $359,159
   - League City: $588,8993
   - Leander: $8,546,238
   - Lindale: $25,902,789

4. **Unfunded/(overfunded) actuarial accrued liability**: (2) - (3)
   - Lampasas: $3,506,627
   - Lancaster: $15,616,496
   - Laredo: $136,212,393
   - Leon: $53,654
   - League City: $19,599,239
   - Leander: $5,527,934
   - Lindale: $4,584,447

5. **Funded Ratio**: (3) / (2)
   - Lampasas: 75.7%
   - Lancaster: 73.4%
   - Laredo: 62.5%
   - Leon: 87.0%
   - League City: 75.3%
   - Leander: 60.7%
   - Lindale: 85.0%

6. **Annual Payroll**
   - Lampasas: $3,941,260
   - Lancaster: $13,835,321
   - Laredo: $87,922,917
   - Leon: $768,290
   - League City: $24,329,911
   - Leander: $8,421,709
   - Lindale: $4,744,193

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - **Normal Cost**
     - Lampasas: 10.14%
     - Lancaster: 8.91%
     - Laredo: 12.41%
     - Leon: 2.33%
     - League City: 9.94%
     - Leander: 8.39%
     - Lindale: 10.66%
   - **Prior Service**
     - Lampasas: 5.33%
     - Lancaster: 6.77%
     - Laredo: 9.30%
     - Leon: 0.48%
     - League City: 4.83%
     - Leander: 3.91%
     - Lindale: 5.80%
   - **Total Retirement**
     - Lampasas: 15.47%
     - Lancaster: 15.68%
     - Laredo: 21.71%
     - Leon: 2.81%
     - League City: 14.77%
     - Leander: 12.30%
     - Lindale: 16.46%

#### Supplemental Death
   - Lampasas: 0.18%
   - Lancaster: 0.15%
   - Laredo: 0.17%
   - Leon: 0.11%
   - League City: 0.15%
   - Leander: 0.14%
   - Lindale: 0.20%

#### Total Rate
   - Lampasas: 15.65%
   - Lancaster: 15.83%
   - Laredo: 21.88%
   - Leon: 2.92%
   - League City: 14.92%
   - Leander: 12.44%
   - Lindale: 16.66%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
   - Lampasas: 14.86%
   - Lancaster: 15.59%
   - Laredo: 19.25%
   - Leon: 14.86%
   - League City: 13.43%
   - Leander: 13.50%
   - Lindale: 13.50%

#### Statutory Maximum Rate (Total Retirement Only)
   - Lampasas: N/A
   - Lancaster: N/A
   - Laredo: 7.50%
   - Leon: N/A
   - League City: N/A
   - Leander: N/A
   - Lindale: N/A

### ADDITIONAL INFORMATION

1. **GASB 25 Equivalent Single Amortization Period as of 1/2012**
   - Lampasas: 27.2 years
   - Lancaster: 27.2 years
   - Laredo: 27.1 years
   - Leon: 21.7 years
   - League City: 27.2 years
   - Leander: 27.5 years
   - Lindale: 27.1 years

2. **Number of annuitants**
   - Lampasas: 47
   - Lancaster: 109
   - Laredo: 617
   - Leon: 0
   - League City: 107
   - Leander: 20
   - Lindale: 57

3. **Number of active contributing members**
   - Lampasas: 108
   - Lancaster: 232
   - Laredo: 1,970
   - Leon: 16
   - League City: 452
   - Leander: 161
   - Lindale: 104

4. **Number of inactive members**
   - Lampasas: 42
   - Lancaster: 178
   - Laredo: 345
   - Leon: 4
   - League City: 125
   - Leander: 55
   - Lindale: 46

5. **Average age of contributing members**
   - Lampasas: 42.7 years
   - Lancaster: 40.6 years
   - Laredo: 43.2 years
   - Leon: 40.9 years
   - League City: 41.1 years
   - Leander: 41.1 years
   - Lindale: 45.7 years

6. **Average length of service of contributing members**
   - Lampasas: 8.7 years
   - Lancaster: 9.4 years
   - Laredo: 11.0 years
   - Leon: 6.1 years
   - League City: 9.3 years
   - Leander: 7.1 years
   - Lindale: 14.2 years
SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $352,979 $38,286 $9,954,501 $2,775,998 $16,534,354 $9,834,998 $2,019,349
   b. Noncontributing Members 26,698 0 705,201 1,223,009 2,629,087 1,472,847 409,785
   c. Annuitants 31,833 0 683,864 1,433,303 4,553,441 6,029,984 1,514,364

2. Total Actuarial Accrued Liability $411,310 $38,286 $11,343,566 $5,432,310 $23,716,882 $17,337,829 $3,943,498

3. Actuarial value of assets 444,616 51,420 8,183,361 4,731,847 17,092,390 14,325,162 3,563,102

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($33,306) ($13,134) $3,160,205 $700,463 $6,624,492 $3,012,667 $380,396

5. Funded Ratio: (3) / (2) 108.1% 134.3% 72.1% 87.1% 72.1% 82.6% 90.4%

6. Annual Payroll $449,947 $80,910 $8,052,077 $1,900,197 $5,757,789 $3,216,922 $1,863,042

CITY CONTRIBUTION RATES FOR 2012

Retirement
- Normal Cost 2.47% 1.16% 7.10% 8.15% 10.16% 11.43% 3.15%
- Prior Service -0.47% -1.02% 2.65% 2.21% 6.88% 5.60% 1.35%
- Total Retirement 2.00% 0.14% 9.75% 10.36% 17.04% 17.03% 4.50%
- Supplemental Death 0.33% 0.09% 0.15% 0.28% 0.23% 0.28% 0.28%
- Total Rate 2.33% 0.23% 9.90% 10.64% 17.18% 17.26% 4.78%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A N/A N/A 9.67% N/A 16.85% N/A
- Statutory Maximum Rate (Total Retirement Only) 7.50% N/A 13.50% 11.50% N/A N/A 9.50%

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 24.6 years 25.1 years 22.3 years 27.2 years 27.3 years 27.3 years 23.1 years
Number of annuitants 1 0 13 27 28 32 22
Number of active contributing members 15 3 156 51 121 78 49
Number of inactive members 4 0 54 28 43 11 23
Average age of contributing members 50.7 years 44.9 years 42.1 years 44.3 years 43.4 years 44.7 years 48.1 years
Average length of service of contributing members 8.1 years 6.3 years 7.9 years 8.8 years 13.2 years 11.6 years 9.1 years

SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $11,333,235 $245,703 $332,614 $57,139,173 $46,505 $301,391 $95,941
   c. Annuitants 5,623,456 104,311 219,538 52,189,858 0 89,400 18,563

2. Total Actuarial Accrued Liability $20,118,218 $380,655 $913,945 $120,108,261 $76,663 $749,462 $260,431

3. Actuarial value of assets 16,205,151 509,396 928,260 108,886,965 50,571 620,362 335,800

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $3,913,067 ($128,741) ($14,315) $11,221,296 $26,092 $129,100 $364,631

5. Funded Ratio: (3) / (2) 80.5% 133.8% 101.6% 90.7% 66.0% 82.8% 128.9%

6. Annual Payroll $5,819,822 $232,224 $400,808 $27,843,660 $99,918 $396,078 $233,705

CITY CONTRIBUTION RATES FOR 2012

Retirement
- Normal Cost 8.59% 3.09% 3.46% 8.09% 1.16% 4.29% 3.81%
- Prior Service 4.03% -3.09% -0.22% 2.42% 1.77% 1.95% -2.03%
- Total Retirement 12.62% 0.00% 3.24% 10.51% 2.93% 6.24% 1.78%
- Supplemental Death 0.19% 0.34% 0.13% 0.19% 0.14% 0.18% 0.00%
- Total Rate 12.81% 0.34% 3.37% 10.70% 3.07% 6.42% 1.78%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death 12.40% N/A N/A N/A N/A N/A N/A
- Statutory Maximum Rate (Total Retirement Only) 12.50% 7.50% 7.50% 15.50% N/A N/A 9.50%

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 27.2 years 31.1 years 25.9 years 27.3 years 27.3 years 27.3 years 25.0 years
Number of annuitants 51 2 2 236 0 4 2
Number of active contributing members 145 6 11 613 3 13 7
Number of inactive members 87 6 12 233 2 18 6
Average age of contributing members 42.0 years 44.8 years 44.4 years 43.3 years 50.0 years 45.8 years 42.9 years
Average length of service of contributing members 9.2 years 7.7 years 7.8 years 10.0 years 11.4 years 7.1 years 4.0 years
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<tr>
<th>City</th>
<th>Los Fresnos</th>
<th>Lott</th>
<th>Lovelady</th>
<th>Lubbock</th>
<th>Lucas</th>
<th>Lufkin</th>
<th>Luling</th>
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<tbody>
<tr>
<td><strong>Actuarial Accrued Liability</strong></td>
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<tr>
<td>a. Contributing Members</td>
<td>$1,331,668</td>
<td>$38,592</td>
<td>$13,624</td>
<td>$234,810,039</td>
<td>$664,126</td>
<td>$40,005,714</td>
<td>$3,425,551</td>
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<td>b. Noncontributing Members</td>
<td>237,526</td>
<td>34,887</td>
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<td>351,992</td>
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<tr>
<td>c. Annuitants</td>
<td>267,589</td>
<td>8,790</td>
<td>0</td>
<td>232,471,580</td>
<td>190,618</td>
<td>25,425,515</td>
<td>2,161,235</td>
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<td><strong>Total Actuarial Accrued Liability</strong></td>
<td>$1,836,783</td>
<td>$62,269</td>
<td>$13,624</td>
<td>$505,579,279</td>
<td>$1,134,505</td>
<td>$69,589,940</td>
<td>$5,938,778</td>
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<td><strong>Actuarial value of assets</strong></td>
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<td>$2,175,857</td>
<td>81,695</td>
<td>5,608</td>
<td>399,082,717</td>
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<td>49,331,954</td>
<td>4,719,165</td>
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<td><strong>Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</strong></td>
<td>($339,074)</td>
<td>($19,426)</td>
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<td>$257,505</td>
<td>$20,055,986</td>
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<td><strong>Funded Ratio: (3) / (2)</strong></td>
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<tr>
<td></td>
<td>118.5%</td>
<td>131.2%</td>
<td>41.2%</td>
<td>78.9%</td>
<td>71.2%</td>
<td>79.5%</td>
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<tr>
<td><strong>Annual Payroll</strong></td>
<td>$1,486,730</td>
<td>$202,406</td>
<td>$87,548</td>
<td>$81,761,562</td>
<td>$834,834</td>
<td>$15,069,027</td>
<td>$2,599,614</td>
</tr>
</tbody>
</table>

**City Contribution Rates for 2012**

- **Retirement**
  - Normal Cost: 2.47% 1.02% 1.35% 12.12% 4.35% 11.14% 5.78%
  - Prior Service: -1.44% -0.60% 0.60% 7.83% 2.06% 7.99% 2.80%
  - Total Retirement: 1.03% 0.42% 1.95% 19.95% 6.41% 19.13% 8.58%
  - Supplemental Death: 0.13% 0.17% 0.28% 0.00% 0.14% 0.19% 0.29%
  - Total Rate: 1.16% 0.59% 2.23% 19.95% 6.55% 19.32% 8.87%
- **Statutory Maximum Rate (Total Retirement Only)**
  - 9.50% N/A N/A N/A 13.50% N/A 11.50%

**Additional Information**

- GASB 25 Equivalent Single Amortization Period as of 1/2012
  - Lumberton: 24.9 years
  - Lyford: 25.3 years
  - Lytle: 23.4 years
  - Madisonville: 27.0 years
  - Magnolia: 22.7 years
  - Malakoff: 27.1 years
  - Manor: 27.4 years
- Number of annuitants: 8 1 0 945 4 150 34
- Number of active contributing members: 46 7 3 1,653 20 377 79
- Number of inactive members: 31 26 0 503 27 115 40
- Average age of contributing members: 41.1 years 46.1 years 46.7 years 43.7 years 47.0 years 42.6 years 43.3 years
- Average length of service of contributing members: 9.2 years 1.4 years 2.3 years 11.3 years 6.8 years

<table>
<thead>
<tr>
<th>City</th>
<th>Lumberton</th>
<th>Lyford</th>
<th>Lytle</th>
<th>Madisonville</th>
<th>Magnolia</th>
<th>Malakoff</th>
<th>Manor</th>
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</thead>
<tbody>
<tr>
<td><strong>Actuarial Accrued Liability</strong></td>
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<tr>
<td>b. Noncontributing Members</td>
<td>158,840</td>
<td>288</td>
<td>117,484</td>
<td>381,190</td>
<td>356,695</td>
<td>196,149</td>
<td>179,746</td>
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<td>c. Annuitants</td>
<td>1,225,722</td>
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<td>110,311</td>
<td>182,322</td>
<td>47,978</td>
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<td><strong>Total Actuarial Accrued Liability</strong></td>
<td>$5,240,054</td>
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<td>$3,607,595</td>
<td>139,116</td>
<td>$1,217,948</td>
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<td>$757,198</td>
<td>$1,062,262</td>
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<td><strong>Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</strong></td>
<td>($1,632,459)</td>
<td>($131,904)</td>
<td>$155,751</td>
<td>$541,351</td>
<td>($7,691)</td>
<td>($85,981)</td>
<td>($44,643)</td>
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<tr>
<td><strong>Funded Ratio: (3) / (2)</strong></td>
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<td></td>
<td>68.8%</td>
<td>51.3%</td>
<td>88.7%</td>
<td>78.4%</td>
<td>101.0%</td>
<td>108.8%</td>
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<td><strong>Annual Payroll</strong></td>
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<td>$940,253</td>
<td>$777,411</td>
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**City Contribution Rates for 2012**

- **Retirement**
  - Normal Cost: 12.30% 1.24% 7.91% 6.61% 0.00% 2.24% 2.73%
  - Prior Service: 6.24% 2.76% 1.42% 2.76% 0.00% -0.70% -0.20%
  - Total Retirement: 18.54% 4.00% 9.33% 9.37% 0.00% 1.54% 2.53%
  - Supplemental Death: 0.18% 0.00% 0.12% 0.22% 0.20% 0.20% 0.15%
  - Total Rate: 18.72% 4.00% 9.45% 9.59% 0.20% 1.74% 2.68%
- **Statutory Maximum Rate (Total Retirement Only)**
  - N/A N/A 11.50% 11.50% 8.50% 9.50% N/A

**Additional Information**

- GASB 25 Equivalent Single Amortization Period as of 1/2012
  - 27.2 years 22.0 years 28.1 years 27.3 years 0.0 years 24.8 years 25.5 years
- Number of annuitants: 12 0 1 15 6 6 1
- Number of active contributing members: 35 14 18 34 22 21 33
- Number of inactive members: 9 2 11 22 23 13 31
- Average age of contributing members: 44.4 years 45.6 years 40.3 years 44.7 years 41.7 years 46.4 years 41.5 years
- Average length of service of contributing members: 10.3 years 10.1 years 8.8 years 7.1 years 7.7 years 10.1 years 5.8 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $60,189,782 $503,630 $7,937,830 $947,628 $304,970 $639,696 $20,471,801
   - b. Noncontributing Members 17,276,428 67,965 1,257,393 169,495 38,221 548,206 3,204,184
   - c. Annuitants 17,276,428 117,090 3,256,830 679,140 77,756 3,081,637 22,362,187

2. **Total Actuarial Accrued Liability** $82,127,435 $688,685 $12,452,053 $1,796,263 $420,947 $4,269,539 $46,038,172

3. **Actuarial value of assets** 64,912,070 761,911 12,938,581 2,251,693 482,696 3,585,575 34,421,949

4. **Unfunded/(overfunded) actuarial accrued liability:** ($2,953,385) ($73,226) ($486,528) ($455,430) ($61,749) $683,964 $11,616,223

5. **Funded Ratio:** (3) / (2) 79.0% 110.6% 103.9% 125.4% 114.7% 84.0% 74.8%

6. **Annual Payroll** $26,526,623 $1,050,122 $5,684,851 $580,465 $394,748 $1,486,269 $8,340,557

### CITY CONTRIBUTION RATES FOR 2012

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<thead>
<tr>
<th></th>
<th>Mansfield</th>
<th>Marshall</th>
<th>Marble Falls</th>
<th>Martil</th>
<th>Marion</th>
<th>Maypearl</th>
<th>McAllen</th>
<th>McCombs</th>
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<tr>
<td>Normal Cost</td>
<td>14.65%</td>
<td>0.28%</td>
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<td>2.15%</td>
<td>0.47%</td>
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<td>12.12%</td>
<td>0.22%</td>
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<tr>
<td>Prior Service</td>
<td>0.82%</td>
<td>0.25%</td>
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<td>-2.05%</td>
<td>0.64%</td>
<td></td>
<td>20.47%</td>
<td>0.22%</td>
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<tr>
<td>Total Retirement</td>
<td>14.47%</td>
<td>0.25%</td>
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<td>2.15%</td>
<td>0.47%</td>
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<td>20.47%</td>
<td>0.22%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.12%</td>
<td>0.14%</td>
<td></td>
<td>0.25%</td>
<td>0.63%</td>
<td></td>
<td>125.4%</td>
<td>0.22%</td>
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<tr>
<td>Total Rate</td>
<td>14.59%</td>
<td>0.39%</td>
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<td>2.40%</td>
<td>0.67%</td>
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<td>125.4%</td>
<td>0.22%</td>
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<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>14.06%</td>
<td>N/A</td>
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<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>13.50%</td>
<td>7.50%</td>
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<td>13.50%</td>
<td>7.50%</td>
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<td>13.50%</td>
<td>7.50%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012:
  - 27.1 years
  - 24.9 years
  - 24.9 years
  - 25.0 years
  - 25.2 years
  - 27.0 years
- Number of annuitants:
  - 100
  - 5
  - 42
  - 13
  - 2
- Number of active contributing members:
  - 460
  - 27
  - 109
  - 20
  - 10
  - 49
- Number of inactive members:
  - 118
  - 20
  - 56
  - 18
  - 7
  - 49
- Average age of contributing members:
  - 41.2 years
  - 41.6 years
  - 43.1 years
  - 51.0 years
  - 53.3 years
  - 37.7 years
  - 44.8 years
- Average length of service of contributing members:
  - 9.7 years
  - 6.9 years
  - 9.9 years
  - 100 years
  - 6.3 years
  - 4.7 years
  - 10.0 years
### SUMMARY OF ACTUARIAL INFORMATION

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<th></th>
<th>McGregor</th>
<th>McKinney</th>
<th>McLean</th>
<th>Mesquite</th>
<th>Meadows Place</th>
<th>Melissa</th>
<th>Memorial Villages Police</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1. 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>$1,966,731</td>
<td>$1,030,268</td>
<td>$1,536,007</td>
<td>$2,399,521</td>
<td>$2,245,740</td>
<td>$904,55</td>
<td>$1,072,908</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Annuitants</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2. Total Actuarial Accrued Liability</strong></td>
<td>$4,527,506</td>
<td>$1,030,268</td>
<td>$2,399,521</td>
<td>$4,179,508</td>
<td>$1,300,547</td>
<td>$1,072,908</td>
<td>$12,035,011</td>
</tr>
<tr>
<td><strong>3. Actuarial Value of assets</strong></td>
<td>$3,591,230</td>
<td>$1,030,268</td>
<td>$2,399,521</td>
<td>$4,179,508</td>
<td>$1,300,547</td>
<td>$1,072,908</td>
<td>$12,035,011</td>
</tr>
<tr>
<td><strong>4. Unfunded/(overfunded) actuarial accrued liability:</strong></td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
</tr>
<tr>
<td><strong>5. Funded Ratio:</strong></td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
</tr>
<tr>
<td><strong>6. Annual Payroll</strong></td>
<td>$1,764,154</td>
<td>$1,030,268</td>
<td>$2,399,521</td>
<td>$1,072,908</td>
<td>$1,300,547</td>
<td>$1,072,908</td>
<td>$12,035,011</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<table>
<thead>
<tr>
<th></th>
<th>Memphis</th>
<th>Menard</th>
<th>Meridian</th>
<th>Merkel</th>
<th>Mertzon</th>
<th>Mesquite</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Retirement</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>5.91%</td>
<td>10.03%</td>
<td>1.17%</td>
<td>1.20%</td>
<td>6.13%</td>
<td>2.23%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.58%</td>
<td>4.69%</td>
<td>0.88%</td>
<td>-0.6%</td>
<td>0.46%</td>
<td>1.23%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.49%</td>
<td>14.72%</td>
<td>2.05%</td>
<td>0.5%</td>
<td>6.59%</td>
<td>3.46%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.23%</td>
<td>0.12%</td>
<td>0.13%</td>
<td>0.10%</td>
<td>0.17%</td>
<td>0.14%</td>
</tr>
<tr>
<td><strong>Total Rate</strong></td>
<td>9.72%</td>
<td>14.84%</td>
<td>2.18%</td>
<td>0.6%</td>
<td>6.76%</td>
<td>3.60%</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>
</tr>
<tr>
<td><strong>Statutory Maximum Rate (Total Retirement Only)</strong></td>
<td>12.50%</td>
<td>15.03%</td>
<td>2.05%</td>
<td>0.5%</td>
<td>6.76%</td>
<td>3.60%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td><strong>GASB 25 Equivalent Single Amortization Period as of 1/2012</strong></td>
<td>22.3 years</td>
<td>27.2 years</td>
<td>22.1 years</td>
<td>25.2 years</td>
<td>14.7 years</td>
<td>27.0 years</td>
</tr>
<tr>
<td><strong>Number of annuitants</strong></td>
<td>23</td>
<td>144</td>
<td>1</td>
<td>0</td>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td><strong>Number of active contributing members</strong></td>
<td>45</td>
<td>790</td>
<td>6</td>
<td>11</td>
<td>32</td>
<td>7</td>
</tr>
<tr>
<td><strong>Number of inactive members</strong></td>
<td>45</td>
<td>209</td>
<td>5</td>
<td>11</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td><strong>Average age of contributing members</strong></td>
<td>40.4 years</td>
<td>41.5 years</td>
<td>41.9 years</td>
<td>38.5 years</td>
<td>46.3 years</td>
<td>49.7 years</td>
</tr>
<tr>
<td><strong>Average length of service of contributing members</strong></td>
<td>7.5 years</td>
<td>10.2 years</td>
<td>6.0 years</td>
<td>3.0 years</td>
<td>11.4 years</td>
<td>18.7 years</td>
</tr>
</tbody>
</table>

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>1. Actuarial Accrued Liability</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$1,069,253</td>
<td>$782,836</td>
<td>$1,001,257</td>
<td>$305,623</td>
<td>$461,749</td>
<td>$30,281</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>c. Annuitants</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2. Total Actuarial Accrued Liability</strong></td>
<td>$1,695,836</td>
<td>$1,237,748</td>
<td>$13,703,965</td>
<td>$318,041</td>
<td>$1,185,612</td>
<td>$351,738</td>
</tr>
<tr>
<td><strong>3. Actuarial Value of assets</strong></td>
<td>$1,486,821</td>
<td>$1,300,826</td>
<td>$7,983,914</td>
<td>$391,153</td>
<td>$759,399</td>
<td>$133,155</td>
</tr>
<tr>
<td><strong>4. Unfunded/(overfunded) actuarial accrued liability:</strong></td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
<td>($2) - (3)</td>
</tr>
<tr>
<td><strong>5. Funded Ratio:</strong></td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
<td>(3) / (2)</td>
</tr>
<tr>
<td><strong>6. Annual Payroll</strong></td>
<td>$506,767</td>
<td>$300,352</td>
<td>$3,778,509</td>
<td>$300,815</td>
<td>$426,125</td>
<td>$136,191</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<table>
<thead>
<tr>
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<tbody>
<tr>
<td><strong>Retirement</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Normal Cost</td>
<td>7.34%</td>
<td>8.72%</td>
<td>11.28%</td>
<td>4.50%</td>
<td>7.48%</td>
<td>0.83%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>2.49%</td>
<td>-1.32%</td>
<td>9.07%</td>
<td>-1.5%</td>
<td>5.81%</td>
<td>9.69%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>9.83%</td>
<td>7.40%</td>
<td>20.35%</td>
<td>2.97%</td>
<td>13.29%</td>
<td>10.52%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.30%</td>
<td>0.00%</td>
<td>0.17%</td>
<td>0.10%</td>
<td>0.17%</td>
<td>0.10%</td>
</tr>
<tr>
<td><strong>Total Rate</strong></td>
<td>10.13%</td>
<td>7.40%</td>
<td>20.52%</td>
<td>3.07%</td>
<td>13.46%</td>
<td>10.43%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>18.58%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Statutory Maximum Rate (Total Retirement Only)</strong></td>
<td>N/A</td>
<td>N/A</td>
<td>11.50%</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

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<thead>
<tr>
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<th>Mesquite</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GASB 25 Equivalent Single Amortization Period as of 1/2012</strong></td>
<td>26.8 years</td>
<td>25.1 years</td>
<td>27.2 years</td>
<td>25.0 years</td>
<td>26.6 years</td>
<td>26.8 years</td>
</tr>
<tr>
<td><strong>Number of annuitants</strong></td>
<td>8</td>
<td>3</td>
<td>32</td>
<td>1</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td><strong>Number of active contributing members</strong></td>
<td>20</td>
<td>10</td>
<td>107</td>
<td>10</td>
<td>13</td>
<td>4</td>
</tr>
<tr>
<td><strong>Number of inactive members</strong></td>
<td>5</td>
<td>5</td>
<td>40</td>
<td>5</td>
<td>10</td>
<td>2</td>
</tr>
<tr>
<td><strong>Average age of contributing members</strong></td>
<td>40.6 years</td>
<td>50.4 years</td>
<td>41.9 years</td>
<td>40.4 years</td>
<td>41.4 years</td>
<td>36.9 years</td>
</tr>
<tr>
<td><strong>Average length of service of contributing members</strong></td>
<td>11.7 years</td>
<td>14.2 years</td>
<td>9.9 years</td>
<td>7.4 years</td>
<td>5.0 years</td>
<td>5.1 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **a. Contributing Members**
     - Media: $5,062,057
     - Midland: $103,553,314
     - Midlothian: $15,504,248
     - Miles: $17,138
     - Milford: $434,671
     - Mineola: $2,015,141
     - Mineral Wells: $11,256,106
   - **b. Noncontributing Members**
     - Media: 938,474
     - Midland: 15,508,587
     - Midlothian: 1,908,577
     - Miles: 173,359
     - Milford: 80,746
     - Mineola: 1,784,787
     - Mineral Wells: 9,183,716
   - **c. Annuitants**
     - Media: 4,472,893
     - Midland: 113,509,721
     - Midlothian: 6,336,245
     - Miles: 0
     - Milford: 80,746
     - Mineola: 790
     - Mineral Wells: 107,818

#### 2. Total Actuarial Accrued Liability
   - Media: $10,473,424
   - Midland: $232,544,622
   - Midlothian: $23,809,051
   - Miles: $120,208
   - Milford: $532,772
   - Mineola: $4,286,050
   - Mineral Wells: $22,908,869

#### 3. Actuarial value of assets
   - Media: $8,764,571
   - Midland: $199,085,018
   - Midlothian: $17,351,592
   - Miles: $164,580
   - Milford: $420,273
   - Mineola: $4,618,578
   - Mineral Wells: $19,745,779

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - Media: $1,708,853
   - Midland: $33,459,604
   - Midlothian: $6,457,459
   - Miles: ($44,372)
   - Milford: $112,051
   - Mineola: ($332,528)
   - Mineral Wells: $3,163,090

#### 5. Funded Ratio: (3) / (2)
   - Media: 83.7%
   - Midland: 85.6%
   - Midlothian: 72.9%
   - Miles: 136.9%
   - Milford: 79.0%
   - Mineola: 107.8%
   - Mineral Wells: 86.2%

#### 6. Annual Payroll
   - Media: $3,692,181
   - Midland: $35,257,150
   - Midlothian: $9,116,603
   - Miles: $143,223
   - Milford: $258,830
   - Mineola: $1,846,264
   - Mineral Wells: $6,820,184

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - Normal Cost: 8.17%
   - Prior Service: 5.27%
   - Total Retirement: 13.42%
   - Supplemental Death: 0.00%
   - Total Rate: 13.42%

#### Supplemental Death
   - 0.18%

#### Phase-In Rate (Minimum Contribution), Incld. Supplemental Death
   - 10.24%

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

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - Media: 27.4 years
   - Midland: 26.9 years
   - Midlothian: 27.1 years
   - Miles: 100.0 years
   - Milford: 26.9 years
   - Mineola: 25.1 years
   - Mineral Wells: 26.8 years

#### Number of annuitants
   - Media: 40
   - Midland: 458
   - Midlothian: 49
   - Miles: 0
   - Milford: 2
   - Mineola: 20
   - Mineral Wells: 81

#### Number of active contributing members
   - Media: 105
   - Midland: 718
   - Midlothian: 171
   - Miles: 5
   - Milford: 6
   - Mineola: 6
   - Mineral Wells: 163

#### Number of inactive members
   - Media: 87
   - Midland: 312
   - Midlothian: 55
   - Miles: 2
   - Milford: 4
   - Mineola: 18
   - Mineral Wells: 108

#### Average age of contributing members
   - Media: 40.3 years
   - Midland: 41.9 years
   - Midlothian: 40.4 years
   - Miles: 38.6 years
   - Milford: 51.1 years
   - Mineola: 43.4 years
   - Mineral Wells: 45.6 years

#### Average length of service of contributing members
   - Media: 6.6 years
   - Midland: 10.9 years
   - Midlothian: 8.6 years
   - Miles: 2.1 years
   - Milford: 11.8 years
   - Mineola: 9.0 years
   - Mineral Wells: 8.9 years
## SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   a. Contributing Members $1,148,190 $990,961 $1,057,279 $87,540 $11,694,932 $887,477 $410,601
   b. Noncontributing Members 414,422 179,146 55,854 0 $3,816,190 33,868 200,209
   c. Annuitants 536,436 461,618 389,417 0 $6,239,864 1,228,995 606,719

2. **Total Actuarial Accrued Liability** $2,099,048 $1,634,725 $1,502,550 $87,540 $21,750,986 $2,150,340 $1,217,529

3. **Actuarial value of assets** 1,609,030 1,400,140 1,451,279 83,338 $16,191,463 1,991,407 1,427,873

4. **Unfunded/(overfunded) actuarial accrued liability:** (2) - (3) $490,018 $234,585 $51,271 $4,202 $5,559,523 $158,933 ($210,344)

5. **Funded Ratio:** (3) / (2) 76.7% 85.6% 96.6% 95.2% 74.4% 92.6% 117.3%

6. **Annual Payroll** $891,245 $335,623 $385,411 $75,624 $5,872,016 $811,683 $399,867

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost 7.38% 10.73% 8.74% 2.93% 10.41% 7.93% 5.31%
- Prior Service 3.29% 4.20% 0.80% 1.12% 5.69% 1.23% -3.31%
- Total Retirement 10.67% 14.93% 9.54% 4.05% 16.10% 9.16% 2.00%

#### Supplemental Death

- 0.22% 0.42% 0.29% 0.23% 0.18% 0.18% 0.00%

#### Total Rate

- 10.89% 15.35% 9.83% 4.28% 16.28% 9.34% 2.00%

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

- 10.76% N/A 8.93% N/A 15.22% N/A N/A

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

- 13.50% N/A 13.50% N/A 13.50% 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.3 years 27.1 years 27.0 years 5.6 years 27.1 years 25.1 years 25.0 years
- Number of annuitants 14 7 6 0 61 15 8
- Number of active contributing members 27 9 9 2 142 19 12
- Number of inactive members 15 3 4 0 71 9 7
- Average age of contributing members 43.7 years 44.6 years 54.6 years 54.5 years 42.5 years 41.0 years 49.5 years
- Average length of service of contributing members 8.5 years 15.9 years 21.3 years 13.8 years 8.7 years 6.9 years 5.4 years

## SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   b. Noncontributing Members 604,079 0 1,904,725 5,073,584 27,835 58,199 533,943
   c. Annuitants 2,473,612 0 2,071,156 34,949,320 174,004 100,744 1,318,381

2. **Total Actuarial Accrued Liability** $6,230,341 $165,460 $9,965,682 $78,717,722 $310,340 $762,303 $4,715,222

3. **Actuarial value of assets** 5,074,795 8,242 6,521,264 54,781,854 385,411 935,760 2,913,782

4. **Unfunded/(overfunded) actuarial accrued liability:** (2) - (3) $1,155,546 $157,218 $3,444,418 $23,935,868 ($75,071) ($173,457) $1,801,440

5. **Funded Ratio:** (3) / (2) 81.5% 5.0% 65.4% 69.6% 124.2% 122.8% 61.8%

6. **Annual Payroll** $1,127,254 $270,125 $4,977,690 $14,712,621 $289,096 $699,017 $2,394,658

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost 11.78% 0.80% 5.74% 10.96% 2.74% 3.38% 3.58%
- Prior Service 6.16% 3.71% 4.69% 9.76% 1.63% -1.56% 4.50%
- Total Retirement 17.94% 4.51% 10.43% 20.72% 1.11% 1.82% 8.08%

#### Supplemental Death

- 0.20% 0.31% 0.11% 0.16% 0.27% 0.24% 0.17%

#### Total Rate

- 18.14% 4.82% 10.54% 20.88% 1.38% 2.06% 8.25%

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

- 17.59% N/A N/A 19.39% N/A N/A N/A

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

- N/A N/A 13.50% N/A 9.50% 11.50% N/A

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.1 years 24.5 years 22.2 years 25.1 years 25.1 years 27.3 years
- Number of annuitants 14 7 6 0 61 15 8
- Number of active contributing members 27 9 9 2 142 19 12
- Number of inactive members 15 3 4 0 71 9 7
- Average age of contributing members 44.4 years 52.0 years 40.6 years 41.4 years 49.3 years 42.1 years 42.9 years
- Average length of service of contributing members 8.5 years 24.5 years 52.0 years 41.4 years 8.5 years 14.7 years 10.0 years
- 11.1 years 3.8 years 8.6 years 12.4 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members
     - Natalia: $132,528
     - Navasota: $4,528,779
     - Nederland: $21,122,945
     - Needville: $978,344
     - New Braunfels: $1,620,684
   - Noncontributing Members
     - Utilities: $28,120,052
   - Annuitants
     - Natalia: 0
     - Navasota: $2,150,828
     - Nederland: $16,074,552
     - Needville: $101,8
     - New Braunfels: $1,087,306

2. Total Actuarial Accrued Liability
   - Natalia: $142,350
   - Navasota: $8,188,603
   - Nederland: $40,130,199
   - Needville: $1,669,444
   - New Braunfels: $2,812,262
   - Utilities: $48,268,964

3. Actuarial value of assets
   - Natalia: $77,609
   - Navasota: $7,362,390
   - Nederland: $41,984,798
   - Needville: $1,699,051
   - New Braunfels: $2,730,891
   - Utilities: $59,092,704

4. Unfunded/(overfunded) actuarial accrued liability
   - Natalia: ($2) - (3) $64,741
   - Navasota: $826,213
   - Nederland: ($1,854,599)
   - Needville: ($29,607)
   - New Braunfels: $81,371
   - Utilities: $29,176,260

5. Funded Ratio
   - Natalia: 54.5%
   - Navasota: 89.9%
   - Nederland: 104.6%
   - Needville: 101.8%
   - New Braunfels: 97.1%
   - Utilities: 66.9%

6. Annual Payroll
   - Natalia: $433,848
   - Navasota: $2,960,500
   - Nederland: $6,141,686
   - Needville: $586,996
   - New Braunfels: $24,036,403

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 0.53%
- Prior Service: 1.00%
- Total Retirement: 1.53%
- Supplemental Death: 0.20%
- Total Rate: 1.73%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A: 7.83%

#### Statutory Maximum Rate (Total Retirement Only)
- N/A: 11.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 22.6 years, 27.3 years, 25.0 years, 24.7 years, 28.3 years, 27.2 years, 27.1 years
- Number of annuitants: 0, 24, 71, 6, 12, 164, 82
- Number of active contributing members: 11, 87, 107, 15, 36, 465, 208
- Number of inactive members: 3, 53, 27, 15, 7, 162, 53
- Average age of contributing members: 46.6 years, 41.6 years, 43.5 years, 48.8 years, 45.7 years, 40.9 years, 42.3 years
- Average length of service of contributing members: 7.7 years, 8.2 years, 15.3 years, 10.5 years, 9.9 years, 7 years

---

### Summary of Actuarial Information Continued

1. Actuarial Accrued Liability
   - Contributing Members
     - New Deal: $113,820
     - New Fairview: $49,431
     - New London: $427,229
     - New Summerfield: $37,548
     - New Waverly: $239,986
     - Newton: $2,240,469
   - Noncontributing Members
     - Utilities: $304,421
   - Annuitants
     - New Deal: 0
     - New Fairview: 0
     - New London: 83,198
     - New Summerfield: 21,246
     - New Waverly: 176,387
     - Newton: 2,005,424

2. Total Actuarial Accrued Liability
   - New Deal: $203,829
   - New Fairview: $49,431
   - New London: $603,831
   - New Summerfield: $87,511
   - New Waverly: $468,008
   - Newton: $566,177

3. Actuarial value of assets
   - New Deal: $217,776
   - New Fairview: $15,742
   - New London: $519,729
   - New Summerfield: $191,614
   - New Waverly: $436,102
   - Newton: $2,865,388

4. Unfunded/(overfunded) actuarial accrued liability
   - New Deal: ($13,947)
   - New Fairview: $33,689
   - New London: $84,102
   - New Summerfield: ($104,103)
   - New Waverly: $31,906
   - Newton: $1,383,546

5. Funded Ratio
   - New Deal: 106.8%
   - New Fairview: 31.8%
   - New London: 86.1%
   - New Summerfield: 219.0%
   - New Waverly: 93.2%
   - Newton: 67.4%

6. Annual Payroll
   - New Deal: $187,029
   - New Fairview: $111,167
   - New London: $377,354
   - New Summerfield: $203,061
   - New Waverly: $193,089
   - Newton: $907,370

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 0.83%
- Prior Service: -0.47%
- Total Retirement: 0.36%
- Supplemental Death: 0.00%
- Total Rate: 0.36%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A: 20.25%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 24.9 years, 24.1 years, 27.4 years, 100 years, 22.8 years, 27.1 years
- Number of annuitants: 0, 0, 3, 10, 5, 11
- Number of active contributing members: 5, 3, 10, 7, 5, 11
- Number of inactive members: 7, 0, 6, 13, 1, 5
- Average age of contributing members: 48.9 years, 41.6 years, 48.5 years, 38.9 years, 47.0 years, 41.9 years
- Average length of service of contributing members: 10.8 years, 5.1 years, 9.6 years, 3.0 years, 16.1 years, 9.6 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **Contributing Members**: $855,139, $26,610, $93,549,042, $762,730, $122,111, $802,870, $3,155,105
   - **Noncontributing Members**: $211,719, $13,817, $16,264,443, $123,490, $28,223, $120,335, $1,195,411
   - **Annuitants**: $373,551, $27,301, $54,735,746, $53,371, $27,258, $34,153, $419,471

#### 2. Total Actuarial Accrued Liability
   - $1,440,409, $167,728, $164,549,231, $939,591, $177,592, $957,358, $4,769,987

#### 3. Actuarial value of assets
   - $1,144,165, $176,032, $133,721,663, $641,457, $143,887, $669,167, $3,509,330

#### 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)
   - ($296,244), ($8,304), $30,827,568, $298,134, $33,705, $288,191, $1,260,657

#### 5. Funded Ratio: (3) / (2)
   - 79.4%, 105.0%, 81.3%, 68.3%, 81.0%, 69.9%, 73.6%

#### CITY CONTRIBUTION RATES FOR 2012

<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>Normal Cost</td>
<td>7.64%</td>
<td>1.34%</td>
<td>12.17%</td>
<td>5.72%</td>
<td>18.22%</td>
<td>5.16%</td>
<td>18.22%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>-0.46%</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 Retirement</td>
<td>7.18%</td>
<td>1.34%</td>
<td>8.52%</td>
<td>5.72%</td>
<td>14.24%</td>
<td>5.16%</td>
<td>14.24%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>9.5%</td>
<td>0.00%</td>
<td>9.5%</td>
<td>0.00%</td>
<td>9.5%</td>
<td>0.00%</td>
<td>9.5%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>9.15%</td>
<td>1.34%</td>
<td>10.49%</td>
<td>5.72%</td>
<td>16.21%</td>
<td>5.16%</td>
<td>16.21%</td>
</tr>
</tbody>
</table>

#### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 25 Equivalent Single Amortization Period as of 1/2012</th>
<th>27.3 years</th>
<th>25.0 years</th>
<th>27.2 years</th>
<th>23.2 years</th>
<th>20.8 years</th>
<th>22.6 years</th>
<th>22.0 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>10</td>
<td>2</td>
<td>208</td>
<td>3</td>
<td>1</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>32</td>
<td>2</td>
<td>508</td>
<td>19</td>
<td>4</td>
<td>20</td>
<td>43</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>20</td>
<td>5</td>
<td>228</td>
<td>13</td>
<td>2</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>47.1 years</td>
<td>42.7 years</td>
<td>41.9 years</td>
<td>38.1 years</td>
<td>54.6 years</td>
<td>40.7 years</td>
<td>40.0 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>6.1 years</td>
<td>7.3 years</td>
<td>12.6 years</td>
<td>7.5 years</td>
<td>13.3 years</td>
<td>7.4 years</td>
<td>7.2 years</td>
</tr>
</tbody>
</table>
### Summary of Actuarial Information

1. Actuarial Accrued Liability
   - a. Contributing Members
   - b. Noncontributing Members
   - c. Annuitants

2. Total Actuarial Accrued Liability

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 2012

- **Retirement**
  - Normal Cost
  - Prior Service
  - Total Retirement
  - Supplemental Death
  - Total Rate

- **Supplemental Death**
  - N/A

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

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

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
- **Number of annuitants**
- **Number of active contributing members**
- **Number of inactive members**
- **Average age of contributing members**
- **Average length of service of contributing members**

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### Summary of Actuarial Information

1. Actuarial Accrued Liability
   - a. Contributing Members
   - b. Noncontributing Members
   - c. Annuitants

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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 2012

- **Retirement**
  - Normal Cost
  - Prior Service
  - Total Retirement
  - Supplemental Death
  - Total Rate

- **Supplemental Death**
  - N/A

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

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

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
- **Number of annuitants**
- **Number of active contributing members**
- **Number of inactive members**
- **Average age of contributing members**
- **Average length of service of contributing members**

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### Summary of Actuarial Information

1. Actuarial Accrued Liability
   - a. Contributing Members
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2. Total Actuarial Accrued Liability

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6. Annual Payroll

### City Contribution Rates for 2012

- **Retirement**
  - Normal Cost
  - Prior Service
  - Total Retirement
  - Supplemental Death
  - Total Rate

- **Supplemental Death**
  - N/A

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

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

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
- **Number of annuitants**
- **Number of active contributing members**
- **Number of inactive members**
- **Average age of contributing members**
- **Average length of service of contributing members**

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### Summary of Actuarial Information

1. Actuarial Accrued Liability
   - a. Contributing Members
   - b. Noncontributing Members
   - c. Annuitants

2. Total Actuarial Accrued Liability

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 2012

- **Retirement**
  - Normal Cost
  - Prior Service
  - Total Retirement
  - Supplemental Death
  - Total Rate

- **Supplemental Death**
  - N/A

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

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

### Additional Information

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**
- **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
   
<table>
<thead>
<tr>
<th>Municipality</th>
<th>$582,670</th>
<th>$740,949</th>
<th>$4,686,337</th>
<th>$22,221,461</th>
<th>$1,309,690</th>
<th>$141,812,811</th>
<th>$51,048,325</th>
</tr>
</thead>
</table>
   b. Noncontributing Members
   
   | Municipality     | 591,332  | 325,495  | 2,357,623  | 4,466,957   | 92,856    | 280,322,066  | 54,358,041  |
   c. Annuitants
   
   | Municipality     | 605,466  | 215,676  | 5,808,964  | 16,707,948  | 764,887   | 157,055,125  | 11,976,603  |

2. **Total Actuarial Accrued Liability**

   | Municipality     | $1,779,468 | $1,282,120 | $12,852,924 | $43,396,366 | $2,167,433 | $311,835,392 | $72,195,923 |

3. **Actuarial value of assets**

   | Municipality     | 1,579,949  | 1,362,744  | 9,504,692   | 42,636,949  | 1,550,249  | 280,322,066  | 54,358,041  |

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

   | Municipality     | ($199,519) | ($80,624)  | $3,348,232  | $759,417    | $617,184   | $311,835,392 | $17,837,882 |

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

   | Municipality     | 88.8%      | 106.3%     | 73.9%       | 98.3%       | 71.5%      | 89.9%         | 75.3%       |

6. **Annual Payroll**

   | Municipality     | $663,284   | $512,263   | $2,255,856  | $11,352,419 | $1,038,047 | $54,105,275  | $28,704,307 |

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**

<table>
<thead>
<tr>
<th>Rate</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
<th>2016</th>
<th>2017</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>2.62</td>
<td>2.84</td>
<td>2.90</td>
<td>2.87</td>
<td>2.84</td>
<td>2.81</td>
<td>2.78</td>
</tr>
<tr>
<td>Prior Service</td>
<td>1.79</td>
<td>1.90</td>
<td>1.90</td>
<td>1.90</td>
<td>1.90</td>
<td>1.90</td>
<td>1.90</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>4.41</td>
<td>4.74</td>
<td>4.80</td>
<td>4.77</td>
<td>4.78</td>
<td>4.70</td>
<td>4.68</td>
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<tr>
<td>Supplemental Death</td>
<td>0.00</td>
<td>0.15</td>
<td>0.15</td>
<td>0.15</td>
<td>0.15</td>
<td>0.15</td>
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<tr>
<td>Total Rate</td>
<td>4.41</td>
<td>4.89</td>
<td>4.95</td>
<td>4.92</td>
<td>4.93</td>
<td>4.85</td>
<td>4.83</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>N/A</td>
<td>N/A</td>
<td>17.55</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>7.50</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

| Municipality     | 7.50 | 9.50 | N/A | N/A | 13.50 | N/A | 13.50 |

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**

| Municipality     | 27.5 years | 25.0 years | 27.2 years | 22.4 years | 22.5 years | 26.9 years | 27.2 years |

**Number of annuitants**

| Municipality     | 5 | 3 | 25 | 154 | 3 | 637 | 74 |

**Number of active contributing members**

| Municipality     | 17 | 12 | 43 | 270 | 19 | 935 | 529 |

**Number of inactive members**

| Municipality     | 12 | 3 | 81 | 102 | 13 | 219 | 183 |

**Average age of contributing members**

| Municipality     | 43.2 years | 55.3 years | 38.4 years | 43.7 years | 41.8 years | 43.3 years | 8.5 years |

**Average length of service of contributing members**

| Municipality     | 10.7 years | 16.7 years | 8.0 years | 11.4 years | 9.0 years | 11.8 years | 13.6 years |
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $1,148,012 $127,210 $2,318,394 $819,749 $13,672,870 $397,099,898 $5,405,589
   b. Noncontributing Members 7,973 35,747 1,595,398 214,664 3,599,661 48,183,810 $1,983,466
   c. Annuitants 246,178 151,677 2,300,932 51,709 13,732,476 190,704,556 1,091,466

2. Total Actuarial Accrued Liability $1,402,163 $314,261 $5,764,634 $1,086,122 $31,005,007 $635,988,264 $7,147,737

3. Actuarial value of assets 1,222,067 291,075 4,583,939 1,065,968 25,680,697 517,246,424 6,535,366

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $180,096 $23,186 $1,180,695 $20,154 $5,324,310 $118,741,840 $612,371

5. Funded Ratio: (3) / (2) 87.2% 92.6% 79.5% 98.1% 82.8% 81.3% 91.4%

6. Annual Payroll $345,156 $289,568 $1,208,168 $270,503 $5,710,421 $128,332,633 $3,121,389

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 9.91% 1.01% 9.44% 8.12% 9.83% 13.05% 6.05%
- Prior Service 3.14% 0.52% 5.91% 0.49% 5.58% 5.55% 1.19%
- Total Retirement 13.05% 1.53% 15.35% 8.61% 15.41% 18.60% 7.24%

**Supplemental Death** 0.24% 0.27% 0.17% 0.18% 0.00% 0.00% 0.14%

**Total Rate** 13.29% 1.80% 15.52% 8.79% 15.41% 18.60% 7.38%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death** 11.75% N/A N/A N/A 15.14% 17.67% 7.13%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.0 years 23.7 years 26.8 years 23.3 years 27.3 years 27.1 years 26.6 years
- Number of annuitants 5 3 21 2 78 638 15
- Number of active contributing members 10 6 33 7 141 2,138 87
- Number of inactive members 2 3 27 3 46 684 29
- Average age of contributing members 49.5 years 52.1 years 41.4 years 47.7 years 45.0 years 43.8 years 42.0 years
- Average length of service of contributing members 17.5 years 11.2 years 6.8 years 17.9 years 10.6 years 12.0 years 9.4 years

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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $33,398 $244,478 $5,351,398 $64,619,605 $562,211 $1,926,338 $3,215,722
   b. Noncontributing Members 20,236 39,645 486,568 8,111,561 154,153 341,203 1,436,341
   c. Annuitants 100,489 40,718 1,670,755 68,159,704 36,064 1,055,838 3,570,946

2. Total Actuarial Accrued Liability $154,123 $324,841 $7,508,721 $140,890,870 $752,428 $3,323,379 $8,223,009

3. Actuarial value of assets 171,533 302,146 5,908,409 113,947,460 823,104 3,244,888 7,133,411

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) ($17,410) $22,695 $1,600,312 $26,943,410 ($70,676) $78,491 $1,089,598

5. Funded Ratio: (3) / (2) 111.3% 93.0% 78.7% 80.9% 109.4% 97.6% 86.7%

6. Annual Payroll $200,781 $317,205 $3,777,625 $29,165,694 $258,401 $2,125,879 $3,368,019

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost 1.39% 4.13% 6.85% 8.93% 8.32% 4.14% 3.77%
- Prior Service -0.55% 0.48% 2.55% 4.53% 4.52% 0.21% 1.65%
- Total Retirement 0.84% 4.61% 9.40% 14.50% 6.60% 4.35% 5.72%

**Supplemental Death** 0.00% 0.20% 0.19% 0.21% 0.59% 0.17% 0.21%

**Total Rate** 0.84% 4.81% 9.59% 14.71% 7.19% 4.52% 5.93%

**Phase-In Rate (Minimum Contribution), Incl. Supplemental Death** N/A N/A 8.95% N/A N/A N/A N/A

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 24.7 years 22.5 years 27.0 years 26.9 years 29.9 years 26.9 years
- Number of annuitants 1 1 25 3 14 4
- Number of active contributing members 7 8 101 551 6 75
- Number of inactive members 7 6 44 3 4 86
- Average age of contributing members 52.6 years 44.1 years 45.6 years 45.3 years 60.0 years 40.1 years 41.5 years
- Average length of service of contributing members 2.5 years 5.6 years 7.7 years 12.3 years 15.4 years 7.3 years 7.8 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $16,852,557 $10,021,531 $621,258 $334,597 $185,466 $218,329 $296,996
   b. Noncontributing Members 15,514,487 9,966,866 873,950 1,004,421 324,791 512,055
   c. Annuitants 15,514,487 3,298,426 468,870 234,598 191,588 175,560 239,223

2. Total Actuarial Accrued Liability $32,961,317 $14,780,962 $1,191,522 $794,966 $387,476 $439,020 $667,999

3. Actuarial value of assets 30,902,635 9,961,686 873,950 1,004,421 324,791 512,055

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $2,058,682 $4,819,276 $317,572 ($209,455) $62,685 ($73,035) ($84,452)

5. Funded Ratio: (3) / (2) 93.8% 67.4% 73.3% 126.3% 83.8% 116.6% 112.6%


### CITY CONTRIBUTION RATES FOR 2012

<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>10.37%</td>
<td>2.38%</td>
<td>12.75%</td>
<td>0.00%</td>
<td>12.75%</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Normal Cost</td>
<td>0.52%</td>
<td>0.05%</td>
<td>0.57%</td>
<td>0.14%</td>
<td>0.71%</td>
<td>N/A</td>
<td>7.50%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012
- Preidio: 26.3 years 25.0 years 27.3 years 22.5 years 27.3 years 22.1 years
- Primera: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years
- Princeton: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years
- Prosper: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years
- Quanah: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years
- Queen City: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years
- Quita: 27.3 years 30.7 years 27.3 years 22.5 years 27.3 years 22.1 years

Number of annuitants
- Preidio: 4 3 1 7 5 9 3
- Primera: 39 15 31 65 17 10 9
- Princeton: 39 15 31 65 17 10 9
- Prosper: 39 15 31 65 17 10 9
- Quanah: 39 15 31 65 17 10 9
- Queen City: 39 15 31 65 17 10 9
- Quita: 39 15 31 65 17 10 9

Number of active contributing members
- Preidio: 39 15 31 65 17 10 9
- Primera: 39 15 31 65 17 10 9
- Princeton: 39 15 31 65 17 10 9
- Prosper: 39 15 31 65 17 10 9
- Quanah: 39 15 31 65 17 10 9
- Queen City: 39 15 31 65 17 10 9
- Quita: 39 15 31 65 17 10 9

Average age of contributing members
- Preidio: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Primera: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Princeton: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Prosper: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Quanah: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Queen City: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years
- Quita: 41.3 years 44.4 years 41.0 years 38.9 years 48.5 years 44.6 years 36.8 years

Average length of service of contributing members
- Preidio: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Primera: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Princeton: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Prosper: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Quanah: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Queen City: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
- Quita: 4.9 years 7.0 years 6.5 years 6.2 years 13.8 years 7.5 years 3.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members $6,683 $136,666 $1,266,345 $346,172 $1,312,823 $763,550 $279,986
   - b. Noncontributing Members 19,038 0 343,275 194,672 86,053 243,862 0
   - c. Annuitants 0 0 1,100,128 755,551 173,106 224,845 203,731

2. **Total Actuarial Accrued Liability** $25,721 $136,666 $2,709,748 $1,296,395 $1,571,982 $1,232,257 $483,717

3. **Actuarial value of assets** 23,643 94,860 2,559,987 1,166,810 1,513,014 1,062,739 507,405

4. **Unfunded/(overfunded) actuarial accrued liability:** (2) - (3) $2,078 $21,806 $149,761 $129,585 $58,968 $169,518 ($23,688)

5. **Funded Ratio:** (3) / (2) 91.9% 81.3% 94.5% 90.0% 96.2% 86.2% 104.9%

6. **Annual Payroll** $67,088 $76,511 $765,667 $396,840 $424,118 $561,330 $166,220

### CITY CONTRIBUTION RATES FOR 2012

**Retirement**
- Normal Cost: 0.24% 3.58% 7.49% 4.69% 7.85% 8.30% 3.45%
- Prior Service: 0.45% 1.94% 1.20% 1.99% 0.80% 1.81% -0.90%
- Total Retirement: 0.69% 5.52% 8.69% 6.68% 8.65% 10.11% 2.55%
- Supplemental Death: 0.07% 0.24% 0.16% 0.25% 0.10% 0.00% 0.26%
- Total Rate: 0.76% 5.76% 8.85% 6.93% 8.75% 10.11% 2.81%

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

**Statutory Maximum Rate (Total Retirement Only)** N/A N/A 11.50% 9.50% 11.50% 12.50% 7.50%

**GASB 25 Equivalent Single Amortization Period as of 1/2012** 8.1 years 22.0 years 26.1 years 26.4 years 29.3 years 27.2 years 24.9 years

**Number of annuitants** 0 0 11 7 1 4 2

**Number of active contributing members** 2 3 20 13 9 20 4

**Number of inactive members** 1 0 9 12 6 46 0

**Average age of contributing members** 40.8 years 56.8 years 43.8 years 43.4 years 36.6 years 43.1 years 52.3 years

**Average length of service of contributing members** 1.8 years 17.4 years 9.0 years 5.4 years 11.9 years 5.3 years 15.7 years

### ADDITIONAL INFORMATION

**Ransom Canyon**
- Number of annuitants 154,489 3,624,335 281,719 0 1,065,403 150,673 0
- Number of active contributing members 52.5% 87.1% 70.0% 122.3% 74.7% 121.5%
- Number of inactive members 1 0 9 12 6 46 0
- Average age of contributing members 45.2 years 43.7 years 39.7 years 43.2 years 74.7% 121.5% 74.7% 121.5%
- Average length of service of contributing members 10.4 years 9.0 years 5.4 years 11.9 years 5.3 years 15.7 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Reno (Parker County)</th>
<th>Rhome</th>
<th>Rice</th>
<th>Richardson</th>
<th>Richland Hills</th>
<th>Richmond</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>b. Noncontributing Members</td>
<td>24,258</td>
<td></td>
<td>57,772</td>
<td>28,186,972</td>
<td>3,993,732</td>
<td>$2,873,508</td>
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<tr>
<td>c. Annuitants</td>
<td>0</td>
<td></td>
<td>0</td>
<td>150,172,519</td>
<td>7,219,894</td>
<td>153,572</td>
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<td>2. Total Actuarial Accrued Liability</td>
<td>$74,819</td>
<td></td>
<td>$96,879</td>
<td>$359,151,109</td>
<td>$221,136,96</td>
<td>$178,426</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>104,846</td>
<td></td>
<td>129,596</td>
<td>313,084,736</td>
<td>178,076,12</td>
<td>$269,706,73</td>
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<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$30,027</td>
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<td>0</td>
<td>$40,966,377</td>
<td>$4,236,764</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>140.1%</td>
<td></td>
<td>133.8%</td>
<td>87.2%</td>
<td>80.8%</td>
<td>83.2%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$430,679</td>
<td></td>
<td>$68,140</td>
<td>$313,084,736</td>
<td>$15,970,018</td>
<td>$6,370,405</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost: 1.74% 1.43% 0.54% 10.23% 10.88% 13.28% 10.44%
- Prior Service: -0.44% 1.10% -0.54% 4.56% 6.34% -6.47% 3.98%
- Total Retirement: 1.30% 2.53% 0.00% 14.79% 17.22% 22.28% 14.22%

#### Supplemental Death: 0.10% 0.16% 0.08% 0.00% 0.23% 1.17% 0.17%

#### Total Rate: 1.40% 2.69% 0.00% 14.79% 17.45% 4.81% 14.59%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: N/A N/A N/A N/A 17.33% N/A 14.26%

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 24.9 years 21.8 years 100.0 years 27.2 years 27.2 years 25.0 years 27.3 years
- Number of annuitants: 0 2 0 468 59 1 30
- Number of active contributing members: 12 13 5 956 80 1 135
- Number of inactive members: 17 21 6 304 88 0 70
- Average age of contributing members: 42.2 years 42.6 years 41.9 years 43.9 years 46.2 years 67.0 years 42.1 years
- Average length of service of contributing members: 2.3 years 9.1 years 4.3 years 13.6 years 10.8 years 18.2 years 10.4 years

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Richwood</th>
<th>Rising Star</th>
<th>River Oaks</th>
<th>Big Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$1,455,578</td>
<td>$262,924</td>
<td>$82,298</td>
<td>$9,350,016</td>
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<tr>
<td>a. Contributing Members</td>
<td>278,771</td>
<td>31,432</td>
<td>8,273</td>
<td>1,833,857</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>718,279</td>
<td>31,432</td>
<td>8,273</td>
<td>1,570,298</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$2,452,028</td>
<td>$499,396</td>
<td>$90,571</td>
<td>$12,804,17</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>1,846,409</td>
<td>$444,952</td>
<td>$590,571</td>
<td>7,578,568</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$605,619</td>
<td>$499,396</td>
<td>$90,571</td>
<td>7,578,568</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>11.06%</td>
<td>60.0%</td>
<td>151.3%</td>
<td>73.0%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$811,513</td>
<td>$369,308</td>
<td>$173,534</td>
<td>$6,409,180</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost: 6.61% 1.43% 5.23% 0.68% 1.81% 10.73% 8.68%
- Prior Service: 4.45% 3.77% 2.63% 3.60% -1.68% 6.00% 3.23%
- Total Retirement: 11.06% 5.20% 7.86% 4.33% 0.12% 16.33% 11.91%

#### Supplemental Death: 0.17% 0.11% 0.10% 0.18% 0.25% 0.27% 0.00%

#### Total Rate: 11.23% 5.31% 7.96% 4.33% 0.37% 17.00% 11.91%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: 11.18% N/A N/A N/A N/A N/A N/A

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

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012: 27.4 years 22.1 years 27.2 years 21.9 years 24.9 years 27.3 years 27.3 years
- Number of annuitants: 7 1 5 3 0 41 16
- Number of active contributing members: 18 7 114 10 7 60 38
- Number of inactive members: 18 4 65 8 6 26 55
- Average age of contributing members: 45.4 years 40.6 years 39.0 years 41.1 years 49.4 years 43.6 years 39.4 years
- Average length of service of contributing members: 12.1 years 6.6 years 6.3 years 7.9 years 4.9 years 8.7 years 8.1 years
SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   b. Noncontributing Members 3,608 551,569 1,039,832 1,106,522 87,044 359,960 1,036,994
   c. Annuitants 77,629 712,205 2,941,715 4,209,351 439,037 1,046,114 5,325,480

2. Total Actuarial Accrued Liability $134,567 $5,423,081 $9,557,372 $10,748,387 $587,792 $3,086,095 $18,263,261

3. Actuarial value of assets 76,590 3,911,393 8,695,816 7,973,422 622,155 2,090,545 14,763,503

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $57,977 $1,511,688 $861,556 $2,774,965 ($34,363) $995,550 $3,499,758

5. Funded Ratio: (3) / (2) 56.9% 72.1% 91.0% 74.2% 105.8% 67.7% 80.8%

6. Annual Payroll $127,211 $2,234,473 $3,913,929 $1,984,855 $99,158 $1,560,152 $4,399,797

CITY CONTRIBUTION RATES FOR 2012

Retirement
   Normal Cost 1.40% 7.03% 5.40% 9.05% 2.52% 5.71% 10.34%
   Prior Service 3.11% 4.01% 1.33% 8.39% -2.18% 3.85% 4.76%
   Total Retirement 4.51% 11.04% 6.73% 17.44% 0.34% 9.56% 15.10%
   Supplemental Death 0.16% 0.13% 0.14% 0.21% 0.32% 0.19% 0.23%
   Total Rate 4.67% 11.17% 6.87% 17.65% 0.66% 9.75% 15.33%
   Phase-In Rate (Minimum Contribution), Incl. Supplemental Death 0.00% 0.11% 0.00% 0.15% 0.19% 0.22% 0.15%
   Statutory Maximum Rate (Total Retirement Only) N/A 13.50% 9.50% N/A N/A 11.50% 15.50%

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 21.9 years 27.7 years 26.8 years 27.1 years 25.0 years 26.9 years 27.3 years
Number of annuitants 2 10 30 29 3 19 36
Number of active contributing members 5 60 99 47 4 47 112
Number of inactive members 1 26 51 24 4 24 38
Average age of contributing members 39.7 years 41.0 years 38.9 years 41.8 years 35.5 years 44.0 years 45.9 years
Average length of service of contributing members 5.7 years 8.9 years 7.9 years 13.4 years 4.6 years 7.6 years 10.7 years

SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $317,299 $35,471,289 $489,066 $432,640 $5,655,664 $210,987 $64,640
   b. Noncontributing Members 4,992 4,335,367 41,778 387,752 368,297 31,564 36,013
   c. Annuitants 18,130 10,470,873 121,707 258,926 1,060,090 0 24,497

2. Total Actuarial Accrued Liability $340,421 $50,277,529 $652,551 $1,079,318 $7,084,051 $242,551 $125,150

3. Actuarial value of assets 319,748 35,681,831 489,996 1,079,741 5,297,171 254,634 118,727

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $20,673 $14,595,698 $162,555 ($423) $1,786,880 ($12,083) $6,423

5. Funded Ratio: (3) / (2) 93.9% 71.0% 75.1% 100.0% 74.8% 105.0% 94.9%


CITY CONTRIBUTION RATES FOR 2012

Retirement
   Normal Cost 1.61% 10.17% 3.04% 4.82% 8.00% 2.20% 0.16%
   Prior Service 0.74% 5.54% 3.06% 6.00% 3.26% -0.39% 0.15%
   Total Retirement 2.35% 15.91% 6.10% 11.20% 1.19% 0.81% 0.31%
   Supplemental Death 0.00% 0.11% 0.00% 0.15% 0.18% 0.22% 0.15%
   Total Rate 2.35% 16.02% 6.10% 11.39% 1.38% 2.01% 0.46%
   Phase-In Rate (Minimum Contribution), Incl. Supplemental Death N/A 15.42% N/A N/A 11.50% N/A N/A
   Statutory Maximum Rate (Total Retirement Only) N/A 12.50% N/A N/A N/A N/A N/A

ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 21.8 years 27.2 years 27.3 years 0.0 years 26.9 years 25.5 years 20.2 years
Number of annuitants 1 48 3 4 20 0 2
Number of active contributing members 6 253 10 12 118 7 10
Number of inactive members 2 62 10 14 32 3 15
Average age of contributing members 41.7 years 41.1 years 49.7 years 42.0 years 43.8 years 52.0 years 42.9 years
Average length of service of contributing members 13.6 years 11.0 years 12.6 years 6.1 years 9.8 years 10.8 years 5.2 years
### SUMMARY OF ACTUARIAL INFORMATION

#### 1. Actuarial Accrued Liability
   - **Contributing Members**
     - Rosenberg: $22,021,655
     - Rowlett: $6,945,924
     - Rule: 15,324,799
   - **Noncontributing Members**
     - Rosenberg: $175,921
     - Rowlett: 317,589
     - Rule: 138,351
   - **Annuitants**
     - Rosenberg: $22,021,655
     - Rowlett: 317,589
     - Rule: 138,351

#### 2. Total Actuarial Accrued Liability
   - Rosenberg: $44,292,378
   - Rowlett: $334,808
   - Rule: $165,045

#### 3. Actuarial value of assets
   - Rosenberg: $33,596,232
   - Rowlett: $317,589
   - Rule: $159,139

#### 4. Unfunded/(overfunded) actuarial accrued liability
   - Rosenberg: $10,696,146
   - Rowlett: $17,219
   - Rule: $5,906

#### 5. Funded Ratio
   - Rosenberg: 75.9%
   - Rowlett: 94.9%
   - Rule: 96.4%

#### 6. Annual Payroll
   - Rosenberg: $11,265,506
   - Rowlett: $204,915
   - Rule: $70,430

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
   - **Normal Cost**
     - Rosenberg: 8.73%
     - Rowlett: 5.70%
     - Rule: 0.13%
   - **Prior Service**
     - Rosenberg: 1.20%
     - Rowlett: 0.59%
     - Rule: 0.32%
   - **Total Retirement**
     - Rosenberg: 14.43%
     - Rowlett: 14.46%
     - Rule: 14.00%

#### Supplemental Death
   - Rosenberg: 0.13%
   - Rowlett: 0.11%
   - Rule: N/A

#### Total Rate
   - Rosenberg: 14.56%
   - Rowlett: 15.77%
   - Rule: 15.42%

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - Rosenberg: 27.1 years
   - Rowlett: 21.0 years
   - Rule: 23.1 years

#### Number of annuitants
   - Rosenberg: 97
   - Rowlett: 2
   - Rule: 5

#### Number of active contributing members
   - Rosenberg: 213
   - Rowlett: 5
   - Rule: 15

#### Number of inactive members
   - Rosenberg: 141
   - Rowlett: 1
   - Rule: 9

#### Average age of contributing members
   - Rosenberg: 39.4 years
   - Rowlett: 51.5 years
   - Rule: 49.8 years

#### Average length of service of contributing members
   - Rosenberg: 10.3 years
   - Rowlett: 6.5 years
   - Rule: 5.8 years

### Summary of Actuarial Information

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<thead>
<tr>
<th>Range</th>
<th>Rank</th>
<th>Salado</th>
<th>Sachse</th>
<th>Saginaw</th>
<th>Saint Jo</th>
<th>Salado</th>
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<tr>
<td>Actuarial Accrued Liability</td>
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<tr>
<td>Contributing Members</td>
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<td>Noncontributing Members</td>
<td>393,31</td>
<td>197,866</td>
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<td>2,875,226</td>
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<td>Annuitants</td>
<td>72,904</td>
<td>748,854</td>
<td>286,713</td>
<td>2,283,599</td>
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<td>Total Actuarial Accrued Liability</td>
<td>$364,326</td>
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<td>Actuarial value of assets</td>
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<td>$711,717</td>
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<td>Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$158,576</td>
<td>$266,576</td>
<td>($9,347)</td>
<td>$4,147,058</td>
<td>$9,358,575</td>
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<tr>
<td>Funded Ratio: (3) / (2)</td>
<td>56.5%</td>
<td>88.2%</td>
<td>101.3%</td>
<td>72.8%</td>
<td>94.4%</td>
<td>83.4%</td>
</tr>
<tr>
<td>Annual Payroll</td>
<td>$108,834</td>
<td>$1,401,241</td>
<td>$379,261</td>
<td>$6,533,000</td>
<td>$6,842,230</td>
<td>$192,720</td>
</tr>
<tr>
<td>CITY CONTRIBUTION RATES FOR 2012</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>
</tr>
<tr>
<td>Normal Cost</td>
<td>6.92%</td>
<td>5.27%</td>
<td>4.19%</td>
<td>7.08%</td>
<td>9.51%</td>
<td>2.56%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>8.77%</td>
<td>1.16%</td>
<td>0.16%</td>
<td>3.80%</td>
<td>8.22%</td>
<td>0.91%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>15.69%</td>
<td>6.43%</td>
<td>4.03%</td>
<td>10.88%</td>
<td>17.73%</td>
<td>3.47%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.37%</td>
<td>0.19%</td>
<td>0.25%</td>
<td>0.13%</td>
<td>0.12%</td>
<td>0.24%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>16.06%</td>
<td>6.62%</td>
<td>4.28%</td>
<td>11.07%</td>
<td>17.85%</td>
<td>3.71%</td>
</tr>
<tr>
<td>Phase-In Rate (Minimum Contribution), Incl. Supplemental Death</td>
<td>15.33%</td>
<td>6.49%</td>
<td>N/A</td>
<td>N/A</td>
<td>16.65%</td>
<td>N/A</td>
</tr>
<tr>
<td>Statutory Maximum Rate (Total Retirement Only)</td>
<td>10.50%</td>
<td>9.50%</td>
<td>13.50%</td>
<td>11.50%</td>
<td>9.50%</td>
<td>N/A</td>
</tr>
<tr>
<td>ADDITIONAL INFORMATION</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>GASB 25 Equivalent Single Amortization Period as of 1/2012</td>
<td>27.1 years</td>
<td>21.0 years</td>
<td>23.1 years</td>
<td>27.2 years</td>
<td>27.1 years</td>
<td>23.1 years</td>
</tr>
<tr>
<td>Number of annuitants</td>
<td>2</td>
<td>12</td>
<td>6</td>
<td>25</td>
<td>24</td>
<td>5</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>5</td>
<td>39</td>
<td>14</td>
<td>126</td>
<td>141</td>
<td>7</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>2</td>
<td>11</td>
<td>18</td>
<td>68</td>
<td>38</td>
<td>9</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>31.5 years</td>
<td>43.0 years</td>
<td>45.7 years</td>
<td>42.7 years</td>
<td>41.0 years</td>
<td>39.9 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>10.5 years</td>
<td>7.4 years</td>
<td>9.6 years</td>
<td>9.5 years</td>
<td>10.8 years</td>
<td>6.5 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   a. Contributing Members $73,489,203 $485,063,767 $78,459,358 $1,540,789 $5,570,140 $110,828 $4,268,036
   b. Noncontributing Members $8,824,530 $94,023,147 $8,985,255 $377,827 $969,070 $50,142 $1,304,153
   c. Annuitants $66,437,565 $494,892,801 $53,120,212 $1,753,679 $1,879,293 $0 $686,129
   
2. Total Actuarial Accrued Liability $168,751,298 $1,073,979,715 $140,564,825 $3,672,295 $8,418,503 $160,970 $6,258,318
   
3. Actuarial value of assets $129,794,149 $973,553,888 $116,123,357 $3,056,117 $7,159,554 $112,939 $6,577,795
   
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $38,957,149 $100,425,827 $24,441,468 $616,178 $1,258,949 $48,031 ($319,477)
   
5. Funded Ratio: (3) / (2) 76.9% 90.6% 82.6% 83.2% 85.0% 70.2% 105.1%
   
6. Annual Payroll $29,171,424 $264,569,008 $86,012,951 $1,111,664 $5,522,316 $224,062 $6,467,284

### CITY CONTRIBUTION RATES FOR 2012

<table>
<thead>
<tr>
<th></th>
<th>Retirement</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>10.68%</td>
<td>7.61%</td>
<td>2.48%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>8.02%</td>
<td>2.44%</td>
<td>1.70%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>18.70%</td>
<td>10.05%</td>
<td>4.18%</td>
</tr>
<tr>
<td>Supplemental</td>
<td>0.00%</td>
<td>0.00%</td>
<td>0.00%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>18.70%</td>
<td>10.05%</td>
<td>4.18%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>Number of contributors</th>
<th>Average age of contributing members</th>
<th>Average length of service of contributing members</th>
</tr>
</thead>
<tbody>
<tr>
<td>696</td>
<td>42.8 years</td>
<td>10.7 years</td>
</tr>
<tr>
<td>5,951</td>
<td>45.4 years</td>
<td>11.5 years</td>
</tr>
<tr>
<td>1,609</td>
<td>45.4 years</td>
<td>14.3 years</td>
</tr>
</tbody>
</table>
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Schulenburg</th>
<th>Seabrook</th>
<th>Seadrift</th>
<th>Seagoville</th>
<th>Seagraves</th>
<th>Sealy</th>
<th>Seguin</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>232,970</td>
<td>1,958,012</td>
<td>6,799</td>
<td>1,692,038</td>
<td>1,160,783</td>
<td>78,399</td>
<td>1,270,059</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>4,130,370</td>
<td>6,041,368</td>
<td>51,360</td>
<td>1,941,446</td>
<td>1,154,167</td>
<td>1,154,167</td>
<td>21,971,278</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$9,841,109</td>
<td>$25,092,042</td>
<td>$318,041</td>
<td>$10,147,941</td>
<td>$1,639,101</td>
<td>$9,192,648</td>
<td>$48,653,305</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>7,399,765</td>
<td>18,532,353</td>
<td>201,209</td>
<td>8,551,609</td>
<td>1,268,269</td>
<td>6,546,968</td>
<td>44,201,707</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$2,441,344</td>
<td>$6,559,689</td>
<td>$116,832</td>
<td>$1,596,332</td>
<td>$370,832</td>
<td>$2,645,680</td>
<td>$4,451,598</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>75.2%</td>
<td>73.9%</td>
<td>63.3%</td>
<td>84.3%</td>
<td>77.4%</td>
<td>71.2%</td>
<td>90.9%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$1,624,125</td>
<td>$5,489,387</td>
<td>$344,354</td>
<td>$4,235,841</td>
<td>$439,575</td>
<td>$2,668,671</td>
<td>$13,132,435</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 13.32% 12.49% 1.98% 6.90% 5.83% 9.24% 5.39%
- Prior Service: 9.06% 7.21% 2.31% 2.56% 5.03% 5.95% 2.57%
- Total Retirement: 22.38% 19.70% 4.29% 9.46% 10.88% 15.19% 7.96%
- Supplemental Death: 0.19% 0.17% 0.18% 0.13% 0.29% 0.15% 0.19%
- Total Rate: 22.57% 19.87% 4.47% 9.59% 11.17% 15.34% 8.15%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: 21.05% 18.54% N/A N/A 10.31% 14.36% N/A
- Statutory Maximum Rate (Total Retirement Only): N/A N/A N/A 13.50% 11.50% N/A N/A

#### Additional Information
- GASB 25 Equivalent Single Amortization Period as of 1/2012: 26.9 years
- Number of annuitants: 18 32 1 25 11 13 166
- Number of active contributing members: 72 55 20 30 12 18 47
- Number of inactive members: 22 37 35 14 10 5 78
- Average age of contributing members: 39.8 years
- Average length of service of contributing members: 8.4 years

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Selma</th>
<th>Seminole</th>
<th>Seven Points</th>
<th>Seymour</th>
<th>Shallowater</th>
<th>Shamrock</th>
<th>Shavano Park</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>$6,214,009</td>
<td>$6,072,306</td>
<td>$175,328</td>
<td>$1,413,197</td>
<td>$334,584</td>
<td>$1,023,179</td>
<td>$2,199,928</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>338,146</td>
<td>1,176,241</td>
<td>431,873</td>
<td>353,277</td>
<td>353,277</td>
<td>1,138,536</td>
<td>2,618,995</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>1,571,876</td>
<td>3,840,271</td>
<td>291,579</td>
<td>1,427,106</td>
<td>1,427,106</td>
<td>1,138,536</td>
<td>2,618,995</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$8,124,031</td>
<td>$11,088,818</td>
<td>$898,780</td>
<td>$3,194,180</td>
<td>$713,311</td>
<td>$1,617,005</td>
<td>$3,626,340</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>6,156,335</td>
<td>9,043,455</td>
<td>1,114,750</td>
<td>2,724,790</td>
<td>730,401</td>
<td>1,138,536</td>
<td>2,618,995</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$1,967,696</td>
<td>$2,045,363</td>
<td>($215,970)</td>
<td>$469,389</td>
<td>($57,090)</td>
<td>$478,469</td>
<td>$1,007,345</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>75.8%</td>
<td>81.6%</td>
<td>124.0%</td>
<td>85.3%</td>
<td>108.0%</td>
<td>70.4%</td>
<td>72.2%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$3,532,229</td>
<td>$2,279,091</td>
<td>$486,364</td>
<td>$1,003,220</td>
<td>$441,635</td>
<td>$640,358</td>
<td>$1,970,706</td>
</tr>
</tbody>
</table>

#### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost: 9.44% 10.69% 4.54% 5.30% 3.69% 4.82% 6.14%
- Prior Service: 3.36% 5.41% 2.80% 2.83% 2.83% 4.52% 3.47%
- Total Retirement: 12.80% 16.10% 7.34% 8.11% 6.52% 9.34% 9.61%
- Supplemental Death: 0.11% 0.23% 0.12% 0.27% 0.19% 0.39% 0.17%
- Total Rate: 12.91% 16.33% 7.46% 8.38% 6.71% 9.73% 9.78%
- Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: 12.73% N/A 1.71% N/A N/A N/A N/A
- Statutory Maximum Rate (Total Retirement Only): N/A N/A 13.50% 8.50% 9.50% N/A 13.50%

#### Additional Information
- GASB 25 Equivalent Single Amortization Period as of 1/2012: 26.9 years
- Number of annuitants: 8 24 5 20 1 12 11
- Number of active contributing members: 72 55 20 30 12 18 47
- Number of inactive members: 22 37 35 14 10 5 78
- Average age of contributing members: 39.8 years
- Average length of service of contributing members: 8.4 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $4,651,516 $197,061 $50,214,040 $1,466,121 $436,742 $5,621,066 $82,195
   - b. Noncontributing Members 1,217,274 56,008 7,445,482 66,132 464,703 1,189,890 0
   - c. Annuitants 313,774 0 44,102,311 1,236,876 245,087 5,969,609 789,538

2. Total Actuarial Accrued Liability $6,182,564 $253,069 $101,761,833 $2,769,129 $1,146,532 $12,780,565 $871,733

3. Actuarial value of assets 3,225,935 335,695 84,940,639 2,455,559 1,057,752 9,170,380 734,231

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $2,956,629 ($82,626) $16,821,194 $313,570 $88,780 $3,610,185 $137,502

5. Funded Ratio: (3) / (2) 52.2% 132.6% 83.5% 88.7% 92.3% 71.8% 84.2%

6. Annual Payroll $3,592,082 $234,034 $19,966,807 $848,458 $632,478 $2,619,652 $57,814

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost: 7.89% 2.75% 10.14% 4.93% 3.93% 9.62% 9.58%
- Prior Service: 4.92% -2.22% 5.07% 2.22% 0.87% 8.28% 27.25%
- Total Retirement: 12.81% 0.53% 15.21% 7.15% 4.80% 17.90% 36.33%

#### Supplemental Death

- 0.13% 0.10% 0.19% 0.24% 0.19% 0.00% 0.55%

#### Total Rate

- 12.94% 0.63% 15.40% 7.39% 4.99% 17.90% 37.38%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012

- 27.3 years 25.0 years 27.0 years 27.1 years 25.7 years 27.1 years 10.8 years
- Number of annuitants: 4 0 247 10 4 38 4
- Number of active contributing members: 58 7 398 28 12 64 2
- Number of inactive members: 31 6 113 8 13 21 0
- Average age of contributing members: 42.9 years 46.4 years 43.0 years 46.2 years 46.3 years 41.5 years 54.4 years
- Average length of service of contributing members: 8.4 years 8.5 years 10.8 years 12.7 years 8.3 years 8.9 years 9.8 years

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $2,595,131 $3,245 $2,419,678 $1,938,565 $98,026 $9,777,852 $49,371
   - b. Noncontributing Members 720,539 106,104 777,413 775,706 0 1,929,125 274,162
   - c. Annuitants 1,279,201 2,970 2,221,897 837,231 0 11,351,372 1,207,669


3. Actuarial value of assets 4,012,339 154,052 $5,418,988 $3,551,502 $98,026 $18,659,350 $171,441

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $582,532 ($41,733) $69,607 $514,712 $818 $4,398,999 $26,015

5. Funded Ratio: (3) / (2) 87.3% 137.2% 98.7% 85.5% 99.2% 80.9% 86.8%

6. Annual Payroll $1,591,595 $93,549 $1,816,222 $1,854,340 $57,099 $3,799,931 $262,017

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

- Normal Cost: 6.42% 1.13% 5.95% 4.67% 4.94% 11.14% 2.03%
- Prior Service: 2.18% -1.13% 0.23% 1.67% 1.26% 6.95% 0.88%
- Total Retirement: 8.60% 0.00% 6.18% 6.34% 6.23% 18.36% 2.91%

#### Supplemental Death

- 0.25% 0.10% 0.28% 0.20% 0.12% 0.21% 0.21%

#### Total Rate

- 8.85% 0.10% 6.46% 6.54% 6.35% 18.57% 3.12%

Phase-In Rate (Minimum Contribution), Incl. Supplemental Death: 8.26% N/A N/A 6.37% N/A 17.37% N/A

Statutory Maximum Rate (Total Retirement Only): 11.50% 7.50% 12.50% 9.50% 13.50% N/A 9.50%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012

- 27.5 years 100.0 years 27.1 years 27.0 years 1.2 years 27.1 years 15.0 years
- Number of annuitants: 17 1 27 17 0 41 5
- Number of active contributing members: 50 6 55 60 2 86 10
- Number of inactive members: 28 10 31 40 0 36 12
- Average age of contributing members: 40.3 years 39.0 years 43.3 years 45.5 years 49.0 years 43.9 years 43.7 years
- Average length of service of contributing members: 7.9 years 0.3 years 7.4 years 7.7 years 14.5 years 9.9 years 2.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members
     - Somerville: $396,591
     - Sonora: $1,037,828
     - Sour Lake: $321,055
     - South Houston: $8,615,123
     - South Padre Island: $12,564,719
     - Southlake: $32,983,052
     - Southside Place: $2,066,262
   - b. Noncontributing Members
     - Somerville: 167,762
     - Sonora: 466,336
     - Sour Lake: 167,115
     - South Houston: 1,133,831
     - South Padre Island: 2,627,307
     - Southlake: 3,260,510
     - Southside Place: 6,812,344
   - c. Annuitants
     - Somerville: 199,176
     - Sonora: 1,810,743
     - Sour Lake: 0
     - South Houston: 6,812,344
     - South Padre Island: 3,260,510
     - Southlake: 10,119,034
     - Southside Place: 819,464
   - **Total Actuarial Accrued Liability**: $763,529
   - **Actuarial value of assets**: $713,568
   - **Unfunded/(overfunded) actuarial accrued liability**: ($2) - (3) = $49,961
   - **Funded Ratio**: (3) / (2) = 93.5%
   - **Annual Payroll**: $454,802

2. **City Contribution Rates for 2012**
   - **Retirement**
     - Normal Cost: 5.71%
     - Prior Service: 0.64%
     - Total Retirement: 6.35%
     - Supplemental Death: 0.27%
     - Total Rate: 6.62%
   - **Supplemental Death**: 0.27%
   - **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: 6.50%
   - **Statutory Maximum Rate (Total Retirement Only)**: 9.50%

3. **ADDITIONAL INFORMATION**
   - **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 28.6 years
   - **Number of annuitants**: 5
   - **Number of active contributing members**: 14
   - **Number of inactive members**: 13
   - **Average age of contributing members**: 48.5 years
   - **Average length of service of contributing members**: 7.4 years

### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - a. Contributing Members
     - Spearman: $838,006
     - Spring Valley: $4,384,214
     - Springtown: $1,214,497
     - Spar: $263,415
     - Stafford: $15,568,697
     - Stanton: $643,065
     - Southside Place: $1,419,518
   - b. Noncontributing Members
     - Spearman: 403,136
     - Spring Valley: 926,190
     - Springtown: 663,970
     - Spar: 197,005
     - Stafford: 2,851,260
     - Stanton: 246,916
     - Southside Place: 234,461
   - c. Annuitants
     - Spearman: 3,353,064
     - Spring Valley: 1,895,731
     - Springtown: 553,901
     - Spar: 0
     - Stafford: 7,237,822
     - Stanton: 1,746,407
     - Southside Place: 156,076
   - **Total Actuarial Accrued Liability**: $4,594,206
   - **Actuarial value of assets**: $3,871,248
   - **Unfunded/(overfunded) actuarial accrued liability**: ($2) - (3) = $722,958
   - **Funded Ratio**: (3) / (2) = 84.3%
   - **Annual Payroll**: $658,288

2. **City Contribution Rates for 2012**
   - **Retirement**
     - Normal Cost: 7.39%
     - Prior Service: 6.60%
     - Total Retirement: 13.99%
     - Supplemental Death: 0.17%
     - Total Rate: 14.16%
   - **Supplemental Death**: 0.17%
   - **Phase-In Rate (Minimum Contribution), Incl. Supplemental Death**: 13.18%
   - **Statutory Maximum Rate (Total Retirement Only)**: 13.50%

3. **ADDITIONAL INFORMATION**
   - **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 27.1 years
   - **Number of annuitants**: 18
   - **Number of active contributing members**: 21
   - **Number of inactive members**: 28
   - **Average age of contributing members**: 43.8 years
   - **Average length of service of contributing members**: 7.4 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Star Harbor</th>
<th>Stephenville</th>
<th>Sterling City</th>
<th>Stratford</th>
<th>Sudan</th>
<th>Sugar Land</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>$184,637</td>
<td>$17,961,193</td>
<td>$176,307</td>
<td>$534,049</td>
<td>$284,455</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>267,611</td>
<td>2,299,584</td>
<td>17,314</td>
<td>603,215</td>
<td>150,775</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>117,550</td>
<td>8,438,165</td>
<td>89,056</td>
<td>77,262</td>
<td>510,133</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$569,398</td>
<td>$28,698,942</td>
<td>$282,677</td>
<td>$1,214,526</td>
<td>$945,340</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$66,769</td>
<td>$5,342,621</td>
<td>($23,904)</td>
<td>($288,811)</td>
<td>$316,137</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>88.3%</td>
<td>81.4%</td>
<td>108.5%</td>
<td>123.8%</td>
<td>66.6%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$160,679</td>
<td>$6,345,408</td>
<td>$177,333</td>
<td>$465,820</td>
<td>$428,709</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>9.5%</td>
<td>2.51%</td>
<td>12.05%</td>
<td>0.40%</td>
<td>12.54%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>10.81%</td>
<td>5.07%</td>
<td>15.88%</td>
<td>0.17%</td>
<td>16.05%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>2.13%</td>
<td>-0.85%</td>
<td>1.28%</td>
<td>0.00%</td>
<td>1.28%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>4.08%</td>
<td>1.27%</td>
<td>0.18%</td>
<td>0.20%</td>
<td>0.43%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>11.00%</td>
<td>4.47%</td>
<td>10.24%</td>
<td>0.64%</td>
<td>15.19%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 23 Equivalent Single Amortization Period as of 1/2012</th>
<th>26.8 years</th>
<th>27.0 years</th>
<th>24.9 years</th>
<th>25.0 years</th>
<th>26.7 years</th>
<th>34.8 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>4</td>
<td>54</td>
<td>3</td>
<td>3</td>
<td>8</td>
<td>87</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>4</td>
<td>137</td>
<td>6</td>
<td>13</td>
<td>11</td>
<td>610</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>5</td>
<td>51</td>
<td>1</td>
<td>12</td>
<td>25</td>
<td>196</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>47.5 years</td>
<td>43.2 years</td>
<td>47.0 years</td>
<td>47.1 years</td>
<td>48.0 years</td>
<td>41.7 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>8.4 years</td>
<td>12.2 years</td>
<td>12.1 years</td>
<td>8.6 years</td>
<td>5.0 years</td>
<td>11.1 years</td>
</tr>
</tbody>
</table>

---

### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th>Sulphur Springs</th>
<th>San Saba</th>
<th>Sunnyvale</th>
<th>Sunray</th>
<th>Sunrise Beach Village</th>
<th>Sunset Valley</th>
<th>Surfside Beach</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actuarial Accrued Liability</td>
<td>$13,743,369</td>
<td>$449,565</td>
<td>$2,150,442</td>
<td>$879,094</td>
<td>$90,636</td>
<td>$1,723,110</td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td>1,842,711</td>
<td>629,136</td>
<td>459,810</td>
<td>103,977</td>
<td>14,607</td>
<td>648,359</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>10,269,608</td>
<td>1,898,266</td>
<td>878,264</td>
<td>10,022,803</td>
<td>15,022,803</td>
<td>444,296</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$25,875,778</td>
<td>$2,084,393</td>
<td>$3,489,016</td>
<td>$1,940,828</td>
<td>$149,821</td>
<td>$2,815,765</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>26,095,670</td>
<td>1,822,664</td>
<td>2,438,267</td>
<td>1,210,452</td>
<td>142,987</td>
<td>2,359,704</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>($219,892)</td>
<td>$261,730</td>
<td>$1,050,749</td>
<td>$730,376</td>
<td>$6,834</td>
<td>$456,061</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>100.8%</td>
<td>87.4%</td>
<td>69.9%</td>
<td>62.4%</td>
<td>95.4%</td>
<td>83.8%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$6,480,497</td>
<td>$532,151</td>
<td>$1,455,284</td>
<td>$458,090</td>
<td>$23,944</td>
<td>$1,445,510</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<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>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>6.50%</td>
<td>-0.21%</td>
<td>6.29%</td>
<td>0.20%</td>
<td>6.49%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.94%</td>
<td>3.32%</td>
<td>7.27%</td>
<td>0.19%</td>
<td>7.46%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>8.11%</td>
<td>3.32%</td>
<td>12.44%</td>
<td>0.22%</td>
<td>12.66%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>11.09%</td>
<td>9.59%</td>
<td>20.68%</td>
<td>0.26%</td>
<td>20.94%</td>
</tr>
<tr>
<td>Total Rate</td>
<td>11.60%</td>
<td>10.58%</td>
<td>29.06%</td>
<td>0.30%</td>
<td>33.43%</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>
</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>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

<table>
<thead>
<tr>
<th>GASB 23 Equivalent Single Amortization Period as of 1/2012</th>
<th>25.7 years</th>
<th>22.2 years</th>
<th>27.2 years</th>
<th>27.0 years</th>
<th>27.0 years</th>
<th>25.3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of annuitants</td>
<td>8</td>
<td>10</td>
<td>7</td>
<td>8</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Number of active contributing members</td>
<td>131</td>
<td>16</td>
<td>27</td>
<td>11</td>
<td>6</td>
<td>30</td>
</tr>
<tr>
<td>Number of inactive members</td>
<td>13</td>
<td>12</td>
<td>11</td>
<td>11</td>
<td>6</td>
<td>22</td>
</tr>
<tr>
<td>Average age of contributing members</td>
<td>45.0 years</td>
<td>42.8 years</td>
<td>44.3 years</td>
<td>39.9 years</td>
<td>42.6 years</td>
<td>41.0 years</td>
</tr>
<tr>
<td>Average length of service of contributing members</td>
<td>13.2 years</td>
<td>6.4 years</td>
<td>8.7 years</td>
<td>8.2 years</td>
<td>8.2 years</td>
<td>6.7 years</td>
</tr>
</tbody>
</table>
### Summary of Actuarial Information

#### 1. Actuarial Accrued Liability
   - **Contributing Members**: $1,584,764, $11,076,294, $11,598,068, $423,224, $974,276, $98,016, $10,995,989
   - **Noncontributing Members**: 177,653, 10,865,584, 940,329, 576,622, 131,988, 59,500, 2,281,247
   - **Annuitants**: 2,694,465, 10,856,584, 9,040,329, 756,623, 578,997, 131,988, 5,950,200

#### 2. Total Actuarial Accrued Liability
   - $4,456,882, $22,919,259, $24,592,926, $1,516,016, $1,607,836, $279,235, $19,343,534

#### 3. Actuarial Value of Assets
   - $3,266,057, $17,188,048, $18,749,539, $1,517,198, $1,988,429, $230,671, $14,065,543

#### 4. Unfunded/(overfunded) Actuarial Accrued Liability: (2) - (3)
   - ($1,190,825, $5,731,211, $5,843,387, ($1,182), ($380,593), $48,564, $5,277,991

#### 5. Funded Ratio: (3) / (2)
   - 73.3%, 75.0%, 76.2%, 100.1%, 123.7%, 82.6%, 72.7%

#### 6. Annual Payroll
   - $781,691, $4,005,178, $6,085,919, $1,113,361, $495,828, $246,715, $6,449,242

### City Contribution Rates for 2012

#### Retirement
   - **Normal Cost**: 11.51%, 11.07%, 10.27%, 2.42%, 5.55%, 1.21%, 6.94%
   - **Prior Service**: 9.20%, 8.57%, 5.75%, -0.01%, -4.83%, 1.33%, 4.93%
   - **Total Retirement**: 20.71%, 19.64%, 16.02%, 2.41%, 0.72%, 2.54%, 11.87%

#### Supplemental Death
   - 0.37%, 0.23%, 0.14%, 0.26%, 0.30%, 0.16%, 0.20%

#### Total Rate
   - 21.08%, 19.87%, 16.16%, 2.67%, 1.02%, 2.70%, 12.07%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
   - N/A, 19.33%, 15.20%, N/A, N/A, N/A, 11.97%

#### Statutory Maximum Rate (Total Retirement Only)
   - N/A, N/A, 15.50%, 9.50%, 11.50%, 7.50%, N/A

### Additional Information

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - 26.8 years, 27.2 years, 27.2 years, 13.9 years, 25.0 years, 22.3 years, 26.9 years

#### Number of Annuitants
   - 15, 63, 18, 9, 7, 5, 57

#### Number of Active Contributing Members
   - 20, 103, 77, 42, 15, 7, 143

#### Number of Inactive Members
   - 4, 23, 25, 33, 3, 8, 83

#### Average Age of Contributing Members
   - 48.1 years, 43.1 years, 44.7 years, 40.3 years, 44.5 years, 44.6 years, 42.4 years

#### Average Length of Service of Contributing Members
   - 8.3 years, 11.0 years, 10.0 years, 3.0 years, 13.0 years, 5.7 years, 9.7 years

### Summary of Actuarial Information

#### 1. Actuarial Accrued Liability
   - **Contributing Members**: $886,004, $65,244,495, $172,000, $19,494,811, $4,161,991, $16,339,595, $14,636,313
   - **Noncontributing Members**: 487,739, 10,640,504, 29,641, 1,965,593, 1,443,628, 5,792,989, 2,888,792
   - **Annuitants**: 722,674, 56,343,204, 35,368, 15,940,374, 2,679,319, 16,263,855, 16,230,064

#### 2. Total Actuarial Accrued Liability
   - $2,096,417, $132,228,203, $237,009, $37,400,778, $8,284,938, $38,396,439, $33,755,169

#### 3. Actuarial Value of Assets
   - $1,731,948, $102,715,806, $204,890, $37,400,778, $8,284,938, $31,172,648, $26,309,455

#### 4. Unfunded/(overfunded) Actuarial Accrued Liability: (2) - (3)
   - ($364,469, $29,512,397, ($3,881), $8,887,830, $1,528,688, $7,223,791, $7,445,714

#### 5. Funded Ratio: (3) / (2)
   - 82.6%, 77.7%, 101.6%, 76.2%, 81.5%, 81.2%, 77.9%

#### 6. Annual Payroll
   - $982,106, $25,450,326, $205,669, $8,298,311, $2,175,302, $8,229,979, $5,363,373

### City Contribution Rates for 2012

#### Retirement
   - **Normal Cost**: 7.22%, 11.09%, 2.21%, 11.00%, 8.10%, 10.37%, 11.68%
   - **Prior Service**: 2.23%, 6.95%, -0.12%, 6.41%, 4.24%, 5.26%, 8.31%
   - **Total Retirement**: 9.45%, 18.04%, 2.09%, 17.41%, 12.34%, 15.63%, 19.99%

#### Supplemental Death
   - 0.29%, 0.19%, 0.14%, 0.16%, 0.12%, 0.00%, 0.00%

#### Total Rate
   - 9.74%, 18.23%, 2.23%, 17.57%, 12.46%, 15.63%, 19.99%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
   - 8.57%, 17.70%, N/A, 16.83%, 12.44%, 15.03%, N/A

#### Statutory Maximum Rate (Total Retirement Only)
   - 13.50%, N/A, 7.50%, N/A, 12.50%, 15.50%, N/A

### Additional Information

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
   - 26.8 years, 27.2 years, 27.2 years, 13.9 years, 25.0 years, 22.3 years, 26.9 years

#### Number of Annuitants
   - 16, 282, 2, 89, 17, 117, 55

#### Number of Active Contributing Members
   - 28, 611, 6, 161, 49, 225, 87

#### Number of Inactive Members
   - 20, 289, 3, 43, 33, 92, 32

#### Average Age of Contributing Members
   - 46.6 years, 43.1 years, 49.4 years, 41.8 years, 45.6 years, 38.4 years, 38.4 years

#### Average Length of Service of Contributing Members
   - 8.3 years, 11.0 years, 10.0 years, 3.0 years, 13.0 years, 5.7 years, 9.7 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Texarkana Water Utilities</th>
<th>Texas City</th>
<th>Texas Municipal League</th>
<th>Texas Municipal League IR</th>
<th>Texhoma</th>
<th>The Colony</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$16,347,261</td>
<td>$45,200,829</td>
<td>$5,400,755</td>
<td>$3,861,068</td>
<td>$6,491,546</td>
<td>$21,917,000</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>$934,104</td>
<td>$178,062</td>
<td>$148,782</td>
<td>$142,040</td>
<td>$139,183</td>
<td>$7,775,637</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>$6,918,143</td>
<td>$7,380,633</td>
<td>$1,070,000</td>
<td>$807,780</td>
<td>$713,000</td>
<td>$2,624,415</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>$20,704,900</td>
<td>$87,744,104</td>
<td>$11,788,621</td>
<td>$15,427,441</td>
<td>$11,732,572</td>
<td>$49,506</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>($7,724,477)</td>
<td>($19,068,035)</td>
<td>($2,224,159)</td>
<td>($2,030,359)</td>
<td>($10,340,013)</td>
<td>($41,514)</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>72.8%</td>
<td>82.1%</td>
<td>84.1%</td>
<td>85.3%</td>
<td>120.7%</td>
<td>81.2%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$6,119,551</td>
<td>$18,997,971</td>
<td>$2,590,554</td>
<td>$8,080,453</td>
<td>$19,469,793</td>
<td>$25,952</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

<table>
<thead>
<tr>
<th></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>11.8%</td>
<td>5.15%</td>
<td>17.26%</td>
<td>0.17%</td>
<td>17.43%</td>
<td>15.22%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>7.57%</td>
<td>6.02%</td>
<td>13.59%</td>
<td>0.17%</td>
<td>13.76%</td>
<td>11.88%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>19.42%</td>
<td>11.32%</td>
<td>30.74%</td>
<td>0.34%</td>
<td>31.08%</td>
<td>27.00%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Retirement</td>
<td>4.85%</td>
<td>-1.58%</td>
<td>3.27%</td>
<td>0.17%</td>
<td>3.44%</td>
<td>3.10%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>3.49%</td>
<td>-2.06%</td>
<td>1.43%</td>
<td>-2.62%</td>
<td>1.81%</td>
<td>1.17%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>8.34%</td>
<td>-3.64%</td>
<td>4.90%</td>
<td>-0.88%</td>
<td>4.02%</td>
<td>3.29%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Retirement</td>
<td>1.86%</td>
<td>0.35%</td>
<td>2.21%</td>
<td>0.17%</td>
<td>2.38%</td>
<td>2.03%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>0.35%</td>
<td>0.17%</td>
<td>0.52%</td>
<td>0.17%</td>
<td>0.69%</td>
<td>0.38%</td>
<td>-2.06%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>2.21%</td>
<td>0.52%</td>
<td>2.73%</td>
<td>0.17%</td>
<td>2.89%</td>
<td>2.41%</td>
<td>-2.06%</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 27.2 years
- **Number of annuitants**: 81
- **Number of active contributing members**: 148
- **Number of inactive members**: 26
- **Average age of contributing members**: 44.5 years
- **Average length of service of contributing members**: 11.5 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Tolar</th>
<th>Tom Bean</th>
<th>Tomball</th>
<th>Trent</th>
<th>Trenton</th>
<th>Trinidad</th>
<th>Trinity</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>$194,144</td>
<td>$6,671</td>
<td>$13,726,107</td>
<td>$68,492</td>
<td>$297,19</td>
<td>$201,151</td>
<td>$156,416</td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>16,000</td>
<td>25,041</td>
<td>2,588,385</td>
<td>0</td>
<td>85,312</td>
<td>11,701</td>
<td>139,468</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>0</td>
<td>49,124</td>
<td>6,854,310</td>
<td>14,350</td>
<td>170,55</td>
<td>199,603</td>
<td>383,238</td>
</tr>
<tr>
<td><strong>Total Actuarial Accrued Liability</strong></td>
<td>$210,244</td>
<td>$150,836</td>
<td>$23,168,802</td>
<td>$82,848</td>
<td>$286,206</td>
<td>$412,455</td>
<td>$679,122</td>
</tr>
<tr>
<td><strong>Actuarial value of assets</strong></td>
<td>187,864</td>
<td>139,499</td>
<td>17,806,137</td>
<td>81,881</td>
<td>281,947</td>
<td>324,522</td>
<td>697,509</td>
</tr>
<tr>
<td><strong>Unfunded/(overfunded) actuarial accrued liability:</strong> - (3)</td>
<td>$22,380</td>
<td>$11,337</td>
<td>$5,362,665</td>
<td>$967</td>
<td>$4,259</td>
<td>$87,933</td>
<td>($18,387)</td>
</tr>
<tr>
<td><strong>Funded Ratio:</strong> (3) / (2)</td>
<td>89.4%</td>
<td>92.5%</td>
<td>76.9%</td>
<td>98.8%</td>
<td>98.5%</td>
<td>78.7%</td>
<td>102.7%</td>
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<tr>
<td><strong>Annual Payroll</strong></td>
<td>$204,080</td>
<td>$210,336</td>
<td>$7,298,251</td>
<td>$67,342</td>
<td>$168,140</td>
<td>$228,342</td>
<td>$713,121</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement

<table>
<thead>
<tr>
<th></th>
<th>Trophy Club</th>
<th>Troup</th>
<th>Troy</th>
<th>Talia</th>
<th>Turkey</th>
<th>Tyre</th>
<th>Tyler</th>
</tr>
</thead>
<tbody>
<tr>
<td>Normal Cost</td>
<td>8.16%</td>
<td>2.62%</td>
<td>2.07%</td>
<td>10.98%</td>
<td>4.98%</td>
<td>0.37%</td>
<td>11.95%</td>
</tr>
<tr>
<td>Prior Service</td>
<td>5.53%</td>
<td>1.08%</td>
<td>0.89%</td>
<td>3.76%</td>
<td>5.60%</td>
<td>1.74%</td>
<td>9.82%</td>
</tr>
<tr>
<td>Total Retirement</td>
<td>13.69%</td>
<td>3.70%</td>
<td>1.18%</td>
<td>14.72%</td>
<td>10.58%</td>
<td>2.11%</td>
<td>21.77%</td>
</tr>
<tr>
<td>Supplemental Death</td>
<td>0.13%</td>
<td>0.24%</td>
<td>0.42%</td>
<td>0.22%</td>
<td>0.11%</td>
<td>0.20%</td>
<td></td>
</tr>
<tr>
<td>Total Rate</td>
<td>13.82%</td>
<td>3.94%</td>
<td>1.60%</td>
<td>14.97%</td>
<td>10.87%</td>
<td>2.22%</td>
<td>21.97%</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></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 as of 1/2012:
- Trophy Club: 21.9 years
- Troup: 21.7 years
- Troy: 27.2 years
- Talia: 14 years
- Turkey: 22.5 years
- Tyre: 21.9 years
- Tyler: 25.6 years

Number of annuitants:
- Trophy Club: 0
- Troup: 1
- Troy: 39
- Talia: 1
- Turkey: 1
- Tyre: 5
- Tyler: 6

Number of active contributing members:
- Trophy Club: 5
- Troup: 7
- Troy: 137
- Talia: 2
- Turkey: 7
- Tyre: 29
- Tyler: 26

Number of inactive members:
- Trophy Club: 4
- Troup: 11
- Troy: 39
- Talia: 0
- Turkey: 10
- Tyre: 2
- Tyler: 26

Average age of contributing members:
- Trophy Club: 41.6 years
- Troup: 43.4 years
- Troy: 45.8 years
- Talia: 39.9 years
- Turkey: 51.3 years
- Tyre: 38.0 years
- Tyler: 44.2 years

Average length of service of contributing members:
- Trophy Club: 9.2 years
- Troup: 4.4 years
- Troy: 10.2 years
- Talia: 14 years
- Turkey: 9.6 years
- Tyre: 3.6 years
- Tyler: 10.8 years
### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members $11,456,221 $3,931,294 $1,829,078 $749,257 $2,483,737 $1,767,132 $686,153
   - Noncontributing Members $39,836,111 $19,705,254 $3,963,709 $75,275 $1,413,183 $1,502,920 $660,847
   - Annuitants $4,416,632 $5,022,927 $746,383 $1,235,760 $2,195,239 $2,483,737 $1,413,183

2. Total Actuarial Accrued Liability $17,216,593 $63,505,074 $10,766,489 $1,225,765 $2,483,737 $2,483,737 $1,148,736

3. Actuarial value of assets $12,136,648 $63,484,063 $9,767,471 $1,467,288 $1,915,915 $2,195,239 $933,286

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $5,079,945 $21,011 $999,018 ($241,523) $567,822 $226,922 $215,450

5. Funded Ratio: (3) / (2) 70.5% 100.0% 90.7% 119.7% 77.1% 90.6% 81.2%

6. Annual Payroll $5,642,993 $14,022,201 $4,971,805 $699,560 $1,502,920 $825,334 $215,393

### CITY CONTRIBUTION RATES FOR 2012

Retirement
- Normal Cost 8.57% 7.34% 3.13% 4.63% 7.08% 5.82% 14.62%
- Prior Service 5.33% 0.01% 1.21% -2.17% 2.26% 1.60% 5.94%
- Total Retirement 13.90% 7.35% 4.34% 2.46% 9.34% 7.42% 20.56%
- Supplemental Death 0.15% 0.00% 0.18% 0.15% 0.10% 0.15% 0.38%
- Total Rate 14.05% 7.35% 4.52% 2.61% 9.44% 7.57% 20.94%

Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A N/A N/A N/A N/A N/A 19.77%

Statutory Maximum Rate (Total Retirement Only)
- N/A N/A 7.50% 11.50% 12.50% 9.50% N/A

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 27.8 years 22.7 years 27.0 years 25.1 years 27.3 years 28.7 years 27.6 years

Number of annuitants 36 106 49 6 5 12 2

Number of active contributing members 126 204 148 16 37 26 7

Number of inactive members 71 45 51 4 39 8 0

Average age of contributing members 42.3 years 46.6 years 41.9 years 43.4 years 36.5 years 43.5 years 46.2 years

Average length of service of contributing members 9.1 years 16.6 years 8.7 years 8.7 years 6.5 years 7 years 10.0 years

---

### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - Contributing Members $580,601 $8,815,949 $739,343,330 $8,866,366 $8,811,350 $216,326,885 $237,451
   - Noncontributing Members $191,866 $1,123,314 $13,363,009 $882,310 $909,407 $286,038,376 $303,839
   - Annuitants $128,903 $3,651,027 $75,601,783 $3,552,615 $3,167,781 $286,038,376 $303,839

2. Total Actuarial Accrued Liability $901,370 $17,533,035 $142,899,122 $13,419,503 $13,273,372 $403,665,385 $550,778

3. Actuarial value of assets $718,338 $12,243,544 $105,965,272 $10,313,101 $12,432,777 $286,038,376 $587,400

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $183,032 $5,289,491 $36,933,850 $3,106,402 $840,595 $117,627,009 $33,918

5. Funded Ratio: (3) / (2) 79.7% 69.8% 74.2% 76.9% 93.7% 70.9% 106.2%

6. Annual Payroll $558,204 $4,021,709 $25,625,654 $2,845,485 $3,167,781 $70,257,095 $466,275

### CITY CONTRIBUTION RATES FOR 2012

Retirement
- Normal Cost 8.00% 9.27% 9.20% 11.76% 7.05% 12.20% 1.82%
- Prior Service 2.23% 7.89% 8.65% 6.60% 1.65% 10.04% 0.23%
- Total Retirement 10.23% 17.16% 17.85% 18.36% 8.66% 22.24% 1.05%

Supplemental Death 0.00% 0.23% 0.17% 0.18% 0.13% 0.00% 0.18%

Total Rate 10.23% 17.39% 18.02% 18.54% 8.79% 22.24% 1.23%

Phase-In Rate (Minimum Contribution), Incl. Supplemental Death
- N/A 16.29% 17.20% 18.37% N/A 20.07% N/A

Statutory Maximum Rate (Total Retirement Only)
- 13.50% N/A 16.29% 17.20% 18.37% N/A 7.50%

### ADDITIONAL INFORMATION

GASB 25 Equivalent Single Amortization Period as of 1/2012 22.1 years 27.1 years 27.1 years 26.8 years 27.2 years 28.8 years 19.77%

Number of annuitants 3 70 36 31 12 7 3

Number of active contributing members 14 103 56 65 49 40 13

Number of inactive members 16 103 56 65 49 40 13

Average age of contributing members 48.3 years 40.3 years 37.9 years 44.9 years 41.3 years 39.4 years 39.4 years

Average length of service of contributing members 7.2 years 8.0 years 10.0 years 12.9 years 14.5 years 11.3 years 5.4 years
### SUMMARY OF ACTUARIAL INFORMATION

<table>
<thead>
<tr>
<th></th>
<th>Wake Village</th>
<th>Waller</th>
<th>Wallis</th>
<th>Walnut Springs</th>
<th>Waskom</th>
<th>Watauga</th>
<th>Waxahachie</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$758,730</td>
<td>$1,195,535</td>
<td>$451,410</td>
<td>$57,295</td>
<td>$1,052,739</td>
<td>$16,109,961</td>
<td>$24,905,513</td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>478,206</td>
<td>251,471</td>
<td>89,721</td>
<td></td>
<td>0</td>
<td>6,164,784</td>
<td>3,150,549</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>1,273,036</td>
<td>598,893</td>
<td>203,544</td>
<td>9,131</td>
<td>46,943</td>
<td>33,292</td>
<td>5,721,724</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$2,509,972</td>
<td>$2,045,899</td>
<td>$744,675</td>
<td>$66,426</td>
<td>$1,345,948</td>
<td>$28,488,508</td>
<td>$41,532,760</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>1,979,562</td>
<td>2,037,066</td>
<td>714,083</td>
<td>65,595</td>
<td>1,012,961</td>
<td>23,366,784</td>
<td>30,402,604</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$530,410</td>
<td>$8,833</td>
<td>$30,592</td>
<td>$831</td>
<td>$332,987</td>
<td>$5,121,724</td>
<td>$11,130,156</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>78.9%</td>
<td>99.6%</td>
<td>95.9%</td>
<td>98.7%</td>
<td>75.3%</td>
<td>82.0%</td>
<td>73.2%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$787,403</td>
<td>$956,281</td>
<td>$355,826</td>
<td>$75,866</td>
<td>$739,340</td>
<td>$8,432,344</td>
<td>$10,915,092</td>
</tr>
</tbody>
</table>

### CITY CONTRIBUTION RATES FOR 2012

<table>
<thead>
<tr>
<th></th>
<th>Weatherford</th>
<th>Webster</th>
<th>Weslaco</th>
<th>West</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td>$43,108,042</td>
<td>$21,214,070</td>
<td>$2,940,863</td>
<td>$1,353,702</td>
</tr>
<tr>
<td>a. Contributing Members</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>b. Noncontributing Members</td>
<td>6,168,964</td>
<td>4,084,315</td>
<td>553,777</td>
<td>62,884</td>
</tr>
<tr>
<td>c. Annuitants</td>
<td>29,049,708</td>
<td>11,296,258</td>
<td>2,047,444</td>
<td>2,403,861</td>
</tr>
<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$78,326,714</td>
<td>$36,594,643</td>
<td>$5,542,084</td>
<td>$2,279,669</td>
</tr>
<tr>
<td>3. Actuarial value of assets</td>
<td>59,110,509</td>
<td>27,763,966</td>
<td>4,318,794</td>
<td>2,403,864</td>
</tr>
<tr>
<td>4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)</td>
<td>$19,216,205</td>
<td>$8,830,677</td>
<td>$1,223,290</td>
<td>($124,192)</td>
</tr>
<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>75.5%</td>
<td>75.9%</td>
<td>77.9%</td>
<td>105.4%</td>
</tr>
<tr>
<td>6. Annual Payroll</td>
<td>$18,204,776</td>
<td>$9,288,537</td>
<td>$1,153,102</td>
<td>$393,166</td>
</tr>
</tbody>
</table>

### ADDITIONAL INFORMATION

**GASB 25 Equivalent Single Amortization Period as of 1/2012**
- **Weatherford**: 27.2 years
- **Webster**: 27.2 years
- **Weslaco**: 27.2 years
- **West**: 27.2 years

**Number of annuitants**
- **Weatherford**: 16
- **Webster**: 12
- **Weslaco**: 12
- **West**: 146

**Number of active contributing members**
- **Weatherford**: 23
- **Webster**: 23
- **Weslaco**: 26
- **West**: 146

**Number of inactive members**
- **Weatherford**: 12
- **Webster**: 15
- **Weslaco**: 9
- **West**: 122

**Average age of contributing members**
- **Weatherford**: 41.2 years
- **Webster**: 42.3 years
- **Weslaco**: 51.4 years
- **West**: 40.8 years

**Average length of service of contributing members**
- **Weatherford**: 7.8 years
- **Webster**: 10.3 years
- **Weslaco**: 10.7 years
- **West**: 9.6 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - b. Noncontributing Members: $363,724, $877,302, $425,244, $78,715, $6,809,107, $501,815, $141,825
   - c. Annuitants: $1,051,617, $1,400,737, $3,153,942, $99,529, $14,468,920, $254,655, $1,070,979

2. **Total Actuarial Accrued Liability**: $2,962,834, $5,176,525, $6,650,679, $864,446, $34,703,943, $2,197,161, $1,576,194

3. **Actuarial value of assets**: $3,350,316, $4,042,052, $4,972,898, $531,525, $29,734,410, $1,863,399, $1,529,737

4. **Unfunded/(overfunded) actuarial accrued liability**: ($387,482), $1,134,473, $1,677,781, $332,921, $4,969,533, $333,762, $46,458

5. **Funded Ratio**: 113.1%, 78.1%, 74.8%, 61.5%, 85.7%, 84.8%, 97.1%

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- **Normal Cost**: 5.51%, 8.63%, 10.41%, 6.27%, 6.41%, 4.95%, 0.00%
- **Prior Service**: -1.99%, 4.23%, 8.43%, 3.97%, 3.83%, 1.46%, 0.35%
- **Total Retirement**: 3.52%, 12.86%, 18.84%, 10.24%, 10.24%, 6.41%, 0.35%

#### Supplemental Death
- **Supplemental Death**: 0.00%, 0.24%, 0.00%, 0.24%, 0.16%, 0.11%, 0.34%

#### Total Rate
- **Total Rate**: 3.52%, 13.10%, 18.84%, 10.48%, 10.40%, 6.52%, 0.69%

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

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

### ADDITIONAL INFORMATION

#### GASB 25 Equivalent Single Amortization Period as of 1/2012
- **West Columbia**: 25.0 years, 27.4 years, 26.9 years, 22.1 years, 21.6 years, 22.6 years
- **West Orange**: 25.0 years, 27.4 years, 26.9 years, 22.1 years, 21.6 years, 22.6 years
- **Wheaton**: 25.0 years, 27.4 years, 26.9 years, 22.1 years, 21.6 years, 22.6 years
- **Westfield**: 25.0 years, 27.4 years, 26.9 years, 22.1 years, 21.6 years, 22.6 years

#### Number of annuitants
- **West Columbia**: 15, 15
- **West Orange**: 15, 15
- **Wheaton**: 16, 22

#### Number of active contributing members
- **West Columbia**: 34, 29
- **West Orange**: 29, 22
- **Wheaton**: 16, 22

#### Average age of contributing members
- **West Columbia**: 44.4 years, 45.5 years
- **West Orange**: 44.4 years, 45.5 years
- **Wheaton**: 44.4 years, 45.5 years

#### Average length of service of contributing members
- **West Columbia**: 8.2 years, 9.5 years
- **West Orange**: 8.2 years, 9.5 years
- **Wheaton**: 8.2 years, 9.5 years
### SUMMARY OF ACTUARIAL INFORMATION

1. **Actuarial Accrued Liability**
   - **Contributing Members**: $1,730,753, $2,420,111, $307,765, $237,790, $80,505,498, $2,089,720, $364,942
   - **Noncontributing Members**: $445,055, $674,245, $166,241, $181,937, $12,308,814, $270,244, $142,424
   - **Annuitants**: $532,082, $1,097,130, $257,525, $150,805, $101,176,318, $862,064, $28,024

2. **Total Actuarial Accrued Liability**: $2,708,140, $4,214,486, $731,531, $570,532, $193,990,630, $3,222,028, $535,390

3. **Actuarial value of assets**: $2,579,572, $3,759,963, $750,826, $486,442, $155,809,040, $2,565,623, $298,044

4. **Unfunded/(overfunded) actuarial accrued liability**: ($2), $454,523, ($19,295), $84,090, $38,181,590, $656,405, $237,346

5. **Funded Ratio**: 95.3%, 89.2%, 102.6%, 85.3%, 80.3%, 79.6%, 55.7%

6. **Annual Payroll**: $1,592,938, $1,786,315, $578,969, $599,267, $40,492,490, $1,444,402, $1,556,548

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- **Normal Cost**: 5.39%, 6.01%, 2.62%, 2.31%, 7.41%, 5.42%, 0.47%
- **Prior Service**: 0.47%, 1.53%, -0.21%, 0.86%, 5.67%, 2.73%, 1.04%
- **Total Retirement**: 5.86%, 7.54%, 2.41%, 3.17%, 13.08%, 8.15%, 1.51%
- **Supplemental Death**: 0.16%, 0.17%, 0.15%, 0.14%, 0.00%, 0.14%, 0.09%
- **Total Rate**: 6.02%, 7.71%, 2.56%, 3.31%, 13.08%, 8.29%, 1.60%

#### Additional Information
- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 28.6 years, 27.0 years, 25.6 years, 27.2 years, 27.0 years, 27.1 years, 22.0 years
- **Number of Annuitants**: 6, 18, 6, 6, 494, 14, 1
- **Number of Active Contributing Members**: 38, 47, 17, 18, 998, 34, 35
- **Number of Inactive Members**: 29, 27, 12, 15, 249, 13, 24
- **Average Age of Contributing Members**: 40.2 years, 44.7 years, 38.0 years, 44.1 years, 44.5 years, 40.6 years, 40.5 years
- **Average Length of Service of Contributing Members**: 8.4 years, 10.0 years, 6.2 years, 6.7 years, 10.9 years, 9.4 years, 4.6 years

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### ADDITIONAL INFORMATION

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- **Normal Cost**: 5.39%, 2.45%, 0.22%, 4.58%, 2.84%, 6.77%, 8.36%
- **Prior Service**: 3.82%, -0.46%, 0.72%, 1.69%, -1.53%, 3.42%, 2.89%
- **Total Retirement**: 9.52%, 1.99%, 0.94%, 6.27%, 1.31%, 10.19%, 11.25%
- **Supplemental Death**: 0.13%, 0.09%, 0.17%, 0.21%, 0.18%, 0.19%, 0.12%
- **Total Rate**: 9.65%, 2.08%, 1.11%, 6.48%, 1.49%, 10.38%, 11.37%

#### Additional Information
- **GASB 25 Equivalent Single Amortization Period as of 1/2012**: 26.7 years, 24.9 years, 21.9 years, 27.1 years, 25.1 years, 27.3 years, 27.5 years
- **Number of Annuitants**: 9, 12, 1, 20, 3, 24, 2
- **Number of Active Contributing Members**: 40, 36, 6, 47, 6, 38, 9
- **Number of Inactive Members**: 34, 28, 4, 50, 0, 12, 2
- **Average Age of Contributing Members**: 41.2 years, 38.6 years, 38.1 years, 50.0 years, 42.9 years, 39.6 years, 47.8 years
- **Average Length of Service of Contributing Members**: 8.4 years, 7.5 years, 7.5 years, 10.4 years, 7.5 years, 6.8 years, 4.7 years

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### ADDITIONAL INFORMATION

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- **Normal Cost**: 5.0%, 2.45%, 0.22%, 4.58%, 2.84%, 6.77%, 8.36%
- **Prior Service**: 3.82%, -0.46%, 0.72%, 1.69%, -1.53%, 3.42%, 2.89%
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### SUMMARY OF ACTUARIAL INFORMATION

1. Actuarial Accrued Liability
   - a. Contributing Members $1,365,656 $1,067,381 $6,925 $220,853 $3,069,081 $8,928,457 $178,797
   - c. Annuitants 529,269 639,470 0 291,677 808,299 3,938,627 0

2. Total Actuarial Accrued Liability $2,459,877 $1,923,509 $53,451 $516,917 $4,163,961 $15,002,633 $254,817

3. Actuarial value of assets 2,256,166 1,527,607 60,817 501,327 3,364,920 11,713,497 342,416

4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) $203,711 $395,902 ($7,366) $15,590 $799,041 $3,289,136 ($87,599)

5. Funded Ratio: (3) / (2) 91.7% 79.4% 113.8% 97.0% 80.8% 78.1% 134.4%

6. Annual Payroll $569,467 $997,985 $78,975 $313,565 $1,160,693 $3,655,921 $281,137

### CITY CONTRIBUTION RATES FOR 2012

#### Retirement
- Normal Cost 8.53% 5.21% 1.88% 3.67% 11.66% 10.94% 3.44%
- Prior Service 2.15% 2.38% -0.59% 0.31% 4.11% 5.40% -1.96%
- Total Retirement 10.68% 7.59% 1.29% 3.98% 15.77% 16.34% 1.48%

#### Supplemental Death 0.26% 0.11% 0.37% 0.26% 0.22% 0.11% 0.07%

- Total Rate 10.94% 7.70% 1.66% 4.24% 15.99% 16.45% 1.55%

#### Phase-In Rate (Minimum Contribution), Incl. Supplemental Death 11.50% 7.43% N/A N/A N/A 15.15% N/A

#### Statutory Maximum Rate (Total Retirement Only) 11.50% 9.50% N/A 7.50% N/A N/A 12.50%

### ADDITIONAL INFORMATION

- GASB 25 Equivalent Single Amortization Period as of 1/2012 27.1 years 27.1 years 24.8 years 25.4 years 27.4 years 27.1 years 25.0 years
- Number of annuitants 7 4 0 3 8 28 0
- Number of active contributing members 18 25 2 9 32 73 8
- Number of inactive members 22 12 1 1 10 42 16
- Average age of contributing members 47.1 years 38.3 years 43.8 years 50.3 years 45.0 years 38.4 years 37.0 years
- Average length of service of contributing members 9.7 years 7.3 years 1.3 years 7.9 years 10.5 years 8.7 years 6.1 years
<table>
<thead>
<tr>
<th>SUMMARY OF ACTUARIAL INFORMATION</th>
<th>Crystal Beach</th>
<th>Floresville No. 1</th>
<th>Nacogdoches Mem Hosp</th>
<th>Roy H. Laid Mem Hospital</th>
<th>Santa Anna</th>
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<tbody>
<tr>
<td>1. Actuarial Accrued Liability</td>
<td></td>
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<tr>
<td>a. Contributing Members</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
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<tr>
<td>b. Noncontributing Members</td>
<td>524</td>
<td>0</td>
<td>0</td>
<td>6,336,698</td>
<td>0</td>
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<tr>
<td>c. Annuitants</td>
<td>82,191</td>
<td>43,986</td>
<td>39,265</td>
<td>4,276,591</td>
<td>529</td>
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<tr>
<td>2. Total Actuarial Accrued Liability</td>
<td>$82,715</td>
<td>$43,986</td>
<td>$39,265</td>
<td>$10,653,289</td>
<td>$529</td>
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<tr>
<td>3. Actuarial value of assets</td>
<td>302,841</td>
<td>52,292</td>
<td>1,376,622</td>
<td>9,619,657</td>
<td>358,016</td>
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<td>4. Unfunded/(overfunded) actuarial accrued liability (2) - (3)</td>
<td>($220,126)</td>
<td>($8,306)</td>
<td>($1,337,357)</td>
<td>$1,033,632</td>
<td>($357,487)</td>
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<tr>
<td>5. Funded Ratio: (3) / (2)</td>
<td>366.1%</td>
<td>118.9%</td>
<td>3506.0%</td>
<td>90.3%</td>
<td>67677.9%</td>
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<tr>
<td>6. Annual Payroll</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
<td>$0</td>
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| CITY CONTRIBUTION AMOUNT FOR 2012 | $ - | $ - | $ - | $102,329 | $ - |
| Amortization Period               | N/A | N/A | N/A | 17 Years | N/A |

<table>
<thead>
<tr>
<th>ADDITIONAL INFORMATION</th>
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<tbody>
<tr>
<td>Number of annuitants</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>53</td>
<td>1</td>
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<tr>
<td>Number of inactive members</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>56</td>
<td>0</td>
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