

Actuarial

Actuary's Certification Letter (Pension Trust Fund)



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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

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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

Summary of Actuarial Assumptions (Pension Trust Fund)

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.

Summary of Actuarial Assumptions (Pension Trust Fund)

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- 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.

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

The above age-related rates are assumed for 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:

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

- E. Annuity 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.

Summary of Actuarial Assumptions (Pension Trust Fund)

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II. Demographic Assumptions

A. Termination Rates

1. For the first 10 years of service, the base table rates vary by gender, entry age, and length of service. For each city the base table is then multiplied by a factor from 75% to 125% based on the experience of the individual city in comparison to the group as a whole. A further multiplier is applied depending on an employee's classification: 1) Fire – 64%, 2) Police – 92%, or 3) Other – 105%. A sample of the base rates follows:

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

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

Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

2. After 10 years of service, base termination rates vary by gender and by the number of years remaining until first retirement eligibility. For each city the base table is then multiplied by a factor from 75% to 125% based on the experience of the individual city in comparison to the group as a whole (same factor as above). A further multiplier is applied depending on an employee's classification: 1) Fire – 54%, 2) Police – 80%, or 3) Other – 109%. A sample of the base rates follows:

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

Termination rates end at first eligibility for retirement.

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

Age	Percent of Terminating Employees Choosing to Take a Refund
25	52.0%
30	47.9%
35	43.8%
40	39.7%
45	35.6%
50	31.5%
55	27.4%

Forfeiture rates end at first eligibility for retirement.

Summary of Actuarial Assumptions (Pension Trust Fund)

CONTINUED

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.

Age	Males	Females
40	0.001053	0.000675
45	0.001450	0.001071
50	0.002025	0.001592
55	0.003421	0.002652
60	0.006428	0.004980
65	0.012210	0.009561
70	0.021222	0.016492
75	0.036267	0.027437
80	0.062456	0.044922

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%.

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

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.

Summary of Actuarial Assumptions (Pension Trust Fund)

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- 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.

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

- F. Disability Rates**

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

Summary of Actuarial Assumptions (Pension Trust Fund)

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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.

Age	Males			Females		
	Entry Age Groups			Entry Age Groups		
	Ages 32 and under	Ages 33-47	Ages 48 and over	Ages 32 and under	Ages 33-47	Ages 48 and over
40-44	0.06	-	-	0.06	-	-
45-49	0.06	-	-	0.06	-	-
50-52	0.08	-	-	0.08	-	-
53	0.08	0.10	-	0.08	0.10	-
54	0.08	0.10	-	0.11	0.10	-
55-59	0.14	0.10	-	0.11	0.10	-
60	0.20	0.15	0.10	0.14	0.15	0.10
61	0.25	0.30	0.20	0.28	0.26	0.20
62	0.32	0.25	0.12	0.28	0.17	0.12
63	0.32	0.23	0.12	0.28	0.17	0.12
64	0.32	0.35	0.20	0.28	0.22	0.20
65	0.32	0.32	0.20	0.28	0.27	0.20
66-69	0.22	0.22	0.17	0.22	0.22	0.17
70-74	0.20	0.22	0.25	0.22	0.22	0.25
75 and over	1.00	1.00	1.00	1.00	1.00	1.00

Note: For cities without a 20-year/any age retirement provision, the 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:

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

Recurring COLA: 1.00

No Recurring COLA: 0.90

III. Methods and Assumptions

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

Summary of Actuarial Assumptions (Pension Trust Fund)

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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: Decrements of all types are assumed to occur mid-year.
12. Eligibility testing: Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
13. Decrement relativity: Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.
14. Incidence of contributions: Contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made.
15. Benefit service: All members are assumed to accrue 1 year of eligibility service each year.

Definitions (Pension Trust Fund)

1. **Actuarial gain (loss)** — A measure of the difference between actual experience and that expected based upon the actuarial assumptions, during the period between two actuarial valuation dates, as determined in accordance with the actuarial cost method used.
2. **Actuarial accrued liability** — The actuarial present value of benefits attributable to all periods prior to the valuation date.
3. **Actuarial present value** — The value of an amount or series of amounts payable or receivable at various times, determined as of a given date (the valuation date) by the application of the actuarial assumptions.
4. **Actuarial value of assets** — The value of cash, investments, and other property belonging to 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 the December 31, 2010 valuation.
15. **Prior service benefits** — Benefits other than current service benefits. These include all benefits arising from prior service credits, special prior service credits, antecedent service credits, updated service credits, and increases in monthly benefit payments to annuitants (also referred to as annuity increases, or AI).
16. **Prior service contribution rate** — The level percentage of payroll required to amortize the unfunded or overfunded actuarial liability over a specified amortization period. If the rate is negative, it is offset against the normal cost contribution rate, with the limitation that the sum of the two rates cannot be negative.
17. **Projected Unit Credit actuarial cost method** — A method under which the benefits of each individual included in the valuation are allocated by a consistent formula to valuation years based on years of service. Benefits are allocated equally to each year of service over the individual's career from hire to retirement. Normal costs are based on the portion of the benefit allocated to the year following the valuation year. Accrued liabilities are based on benefits allocated to the time preceding the date of the actuarial valuation. Under this method, actuarial gains (or losses), as they occur, reduce (or increase) the unfunded actuarial liability.
18. **Retirement contribution rate** — The sum of the normal cost contribution rate and the prior service contribution rate.
19. **Unfunded actuarial accrued liability** — The excess of the actuarial accrued liability over the actuarial value of assets.
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.

Participating Employers & Active Members (Pension Trust Fund)

Valuation Date	Number of Active Cities	Contributing Members			
		Number	Annual Payroll	Average Annual Pay	Percent Increase in Average
12/31/2005	806	93,780	\$ 3,721,948,875	\$ 40,035	2.4 %
12/31/2006	816	95,583	3,949,180,835	41,710	4.2
12/31/2007	823	98,440	4,221,290,731	43,513	4.3
12/31/2008(a)	829	100,459	4,529,989,369	45,551	4.7
12/31/2009	833	102,419	4,769,041,587	47,014	3.2
12/31/2010	837	101,240	4,797,903,131	47,117	0.2

(a) Entry from 12/31/2008 updated from the prior year to reflect actual pay paid during the year.

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.

Retiree and Beneficiary Data (Pension Trust Fund)

Year Ended	Added to Rolls		Removed from Rolls		End of Year		% Increase in Annual Benefit	Average Annual Benefit
	Number of Accounts	Annual Benefit	Number of Accounts	Annual Benefit	Number of Accounts	Annual Benefit		
12/31/2005	3,245 *	\$ 43,217,805	548	\$ 5,624,311	29,970	\$ 431,414,692	12.0 %	\$ 14,395
12/31/2006	2,834	42,869,323	629	6,559,422	32,175	477,661,259	10.7	14,846
12/31/2007	2,933	44,549,919	598	6,241,842	34,510	523,995,541	9.7	15,184
12/31/2008	2,962	59,560,238	609	6,232,194	36,863	577,323,585	10.2	15,656
12/31/2009	2,750	43,466,305	633	7,356,347	38,980	613,433,543	6.3	15,737
12/31/2010	3,193	61,116,748	714	8,750,654	41,459	665,799,637	8.5	16,059

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)								
Annual Report Year	Actuarial Value of Assets	Actuarial Accrued Liability (AAL)	Funded Ratio (1) / (2)	Unfunded AAL (UAAL) (2) - (1)	Covered Payroll	UAAL as a Percentage of Covered Payroll (4) / (5)	City Contributions	Average City Rate (7) / (5)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
2005	\$ 12,486.1	\$ 15,095.2	82.7 %	\$ 2,609.1	\$ 3,721.9	70.1 %	\$ 446.3	12.0 %
2006	13,312.7	16,219.7	82.1	2,907.0	3,949.2	73.6	470.7	11.9
2007*	14,203.3	19,278.8	73.7	5,075.5	4,221.3	120.2	512.9	12.2
2008	15,149.7	20,360.8	74.4	5,211.1	4,530.0	115.0	567.2	12.5
2009	16,305.7	21,525.1	75.8	5,219.4	4,769.0	109.4	641.7	13.5
2010-O	17,992.5	22,990.5	78.3	4,998.0	4,797.9	104.2	679.3	14.2
2010-N	16,986.0	20,481.5	82.9	3,495.5	4,797.9	72.9	679.3	14.2

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):

	<u>CSARF</u>	<u>Supp. Disab.</u>
Assets	\$5,989.0	\$0.81
Liabilities	6,099.0	0.81

* 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.

Funded Portion of Actuarial Liabilities by Type (Pension Trust Fund)

(Amounts in Millions of Dollars)							
Valuation Date	Actuarial Liabilities for			Net Assets Available for Benefits	Portion of Actuarial Liabilities Covered by Net Assets		
	(1)	(2)	(3)		(1)	(2)	(3)
	Current Member Contributions	Retirees and Beneficiaries	Current Members (Employer-Financed Portion)				
12/31/2005	\$ 3,453.9	\$ 5,121.3	\$ 6,520.0	\$ 12,486.1	100.0 %	100.0 %	60.0 %
12/31/2006	3,625.0	5,675.3	6,919.4	13,312.7	100.0	100.0	58.0
12/31/2007	3,784.2	7,201.5	8,293.1	14,203.3	100.0	100.0	38.8
12/31/2008	3,968.0	7,550.3	8,842.5	15,149.7	100.0	100.0	41.1
12/31/2009	4,203.9	7,941.6	9,379.6	16,305.7	100.0	100.0	44.4
12/31/2010-O	4,403.9	8,418.5	10,168.2	17,992.5	100.0	100.0	50.8
12/31/2010-N	4,403.9	7,598.6	8,479.0	16,986.0	100.0	100.0	58.8

O = Old – Results based on actuarial assumptions, prior to restructuring.

N = New – Results based on actuarial assumptions adopted as part of restructuring.

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.

Contribution Rate Information (Pension Trust Fund)

Distribution of Cities by Total 2012 Contribution Rate (Prior to Restructuring)

2012 City Total Calculated Retirement Contribution Rate
Based on the Plan of Benefits in Effect on March 1, 2011

Number of Contributing Members as of 12/31/2010	2012 City Total Calculated Retirement Contribution Rate Based on the Plan of Benefits in Effect on March 1, 2011									Total
	Under 3.00%	3.00 - 5.49%	5.50 - 7.99%	8.00 - 10.49%	10.50 - 12.99%	13.00 - 15.49%	15.50 - 17.99%	18.00 - 20.49%	Over 20.49%	
1 -5	19	22	23	8	5	5	1	-	2	85
6 - 10	31	40	22	12	4	4	2	4	1	120
11 - 20	30	36	30	19	17	7	4	4	6	153
21 - 40	11	24	23	30	15	12	7	2	8	132
41 - 70	2	10	11	13	15	15	11	6	4	87
71 - 100	-	3	2	12	13	13	5	7	4	59
101 - 150	1	1	6	5	14	17	11	5	6	66
151 - 250	-	2	2	4	6	9	11	9	3	46
251 - 750	-	-	2	4	4	11	13	10	17	61
OVER 750	-	-	1	1	1	4	8	5	8	28
TOTAL	94	138	122	108	94	97	73	52	59	837

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

2012 City Total Calculated Retirement Contribution Rate
Based on the Plan of Benefits in Effect on March 1, 2011

Number of Contributing Members as of 12/31/2010	2012 City Total Calculated Retirement Contribution Rate Based on the Plan of Benefits in Effect on March 1, 2011									Total
	Under 3.00%	3.00 - 5.49%	5.50 - 7.99%	8.00 - 10.49%	10.50 - 12.99%	13.00 - 15.49%	15.50 - 17.99%	18.00 - 20.49%	Over 20.49%	
1 -5	35	26	11	4	6	1	1	-	1	85
6 - 10	62	29	11	8	1	4	4	-	1	120
11 - 20	59	30	25	16	7	6	3	4	3	153
21 - 40	31	18	23	28	14	7	5	2	4	132
41 - 70	6	12	11	16	21	8	10	3	-	87
71 - 100	1	4	6	16	13	6	8	5	-	59
101 - 150	2	4	8	9	16	10	11	4	2	66
151 - 250	2	3	5	2	7	11	12	3	1	46
251 - 750	-	3	4	4	11	15	10	11	3	61
OVER 750	-	2	1	5	3	5	5	5	2	28
TOTAL	198	131	105	108	99	73	69	37	17	837

Contribution Rate Information (Pension Trust Fund)

CONTINUED

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

* 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)		
	2010	2009
Interest	\$361.8	\$364.6
Amortization payments	(301.1)	(297.1)
Asset experience	(111.8)	-
Assumption changes / legislative changes	(1,390.7)	-
Liability experience	(78.0)	100.6
Benefit modifications	(293.1)	(262.6)
Contributions different than actuarially calculated	89.0	102.8
Total	\$(1,723.9)	\$8.3

Actuary's Certification Letter (Supplemental Death Benefits Fund)



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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.

Board of Trustees

June 17, 2011

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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 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

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

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:

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

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

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

2. After 10 years of service, base termination rates vary by gender and by the number of years remaining until first retirement eligibility. For each city the base table is then multiplied by a factor from 75% to 125% based on the experience of the individual city in comparison to the group as a whole. A further multiplier is applied depending on an employee's classification: 1) Fire – 54%, 2) Police – 80%, or 3) Other – 109%. A sample of the base rates follows:

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

Termination rates end at first eligibility for retirement.

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

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

Age	Percent of Terminating Employees Choosing to Take a Refund
25	52.0%
30	47.9%
35	43.8%
40	39.7%
45	35.6%
50	31.5%
55	27.4%

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.

Age	Males	Females
40	0.001053	0.000675
45	0.001450	0.001071
50	0.002025	0.001592
55	0.003421	0.002652
60	0.006428	0.004980
65	0.012210	0.009561
70	0.021222	0.016492
75	0.036267	0.027437
80	0.062456	0.044922

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%.

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

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.

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

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

F. Disability Rates

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

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.

Age	Males			Females		
	Entry Age Groups			Entry Age Groups		
	Ages 32 and under	Ages 33-47	Ages 48 and over	Ages 32 and under	Ages 33-47	Ages 48 and over
40-44	0.06	-	-	0.06	-	-
45-49	0.06	-	-	0.06	-	-
50-52	0.08	-	-	0.08	-	-
53	0.08	0.10	-	0.08	0.10	-
54	0.08	0.10	-	0.11	0.10	-
55-59	0.14	0.10	-	0.11	0.10	-
60	0.20	0.15	0.10	0.14	0.15	0.10
61	0.25	0.30	0.20	0.28	0.26	0.20
62	0.32	0.25	0.12	0.28	0.17	0.12
63	0.32	0.23	0.12	0.28	0.17	0.12
64	0.32	0.35	0.20	0.28	0.22	0.20
65	0.32	0.32	0.20	0.28	0.27	0.20
66-69	0.22	0.22	0.17	0.22	0.22	0.17
70-74	0.20	0.22	0.25	0.22	0.22	0.25
75 and over	1.00	1.00	1.00	1.00	1.00	1.00

Note: For cities without a 20-year/any age retirement provision, the 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:

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

Recurring COLA: 1.00
 No Recurring COLA: 0.90

III. Methods and Assumptions

A. Valuation of Assets – 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).

Summary of Actuarial Assumptions (Supplemental Death Benefits Fund)

CONTINUED

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)

(Amounts in Millions of Dollars)						
Annual Report Year	Actuarial Value of Assets	Actuarial Accrued Liability (AAL)	Funded Ratio (1) / (2)	Unfunded AAL (UAAL) (2) - (1)	Covered Payroll	UAAL Divided by Covered Payroll (4) / (5)
	(1)	(2)	(3)	(4)	(5)	(6)
2007	\$ 24.7	\$ 113.6	21.7 %	\$ 88.9	\$ 2,853.5	3.1 %
2008	26.1	120.9	21.6	94.8	2,985.0	3.2
2009	27.2	139.1	19.6	111.9	3,148.4	3.5
2010	27.1	147.7	18.3	120.6	3,103.5	3.9

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.

Actuarial Valuation of Participating Municipalities

	Abernathy	Ablene	Addison	Alamo	Alamo Heights	Alba	Albany
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$493,073	\$91,694,948	\$48,832,102	\$4,551,778	\$7,297,390	\$132,366	\$117,257
b. Noncontributing Members	49,198	19,574,367	8,976,069	667,682	2,070,638	27,822	27,822
c. Annuitants	316,173	110,270,578	28,717,602	504,285	8,273,962	0	370,401
2. Total Actuarial Acrued Liability	\$858,444	\$221,539,893	\$86,525,773	\$5,723,745	\$17,641,990	\$132,977	\$515,480
3. Actuarial value of assets	732,144	203,955,283	83,398,352	4,037,306	11,004,917	121,932	552,415
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$126,300	\$17,584,610	\$3,127,421	\$1,686,439	\$6,637,073	\$11,045	(\$36,935)
5. Funded Ratio: (3) / (2)	85.3%	92.1%	96.4%	70.5%	62.4%	91.7%	107.2%
6. Annual Payroll	\$498,274	\$38,492,784	\$16,680,756	\$3,551,267	\$4,540,318	\$234,760	\$500,183
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	2.44%	8.98%	9.56%	4.75%	7.17%	2.15%	0.78%
Prior Service	1.74%	2.75%	1.27%	2.85%	8.78%	0.32%	-0.46%
Total Retirement	4.18%	11.73%	10.83%	7.60%	15.95%	2.47%	0.32%
Supplemental Death	0.31%	0.24%	0.16%	0.17%	0.30%	0.22%	0.22%
Total Rate	4.49%	11.97%	10.99%	7.77%	16.12%	2.77%	0.54%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	15.50%	9.50%	N/A	N/A	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.7 years	27.0 years	22.2 years	27.1 years	27.1 years	22.1 years	25.4 years
Number of active contributing members	6	634	120	12	57	0	7
Number of inactive members	14	960	247	113	97	6	17
Average age of contributing members	9	368	134	83	47	1	11
Average length of service of contributing members	42.6 years	44.0 years	42.6 years	41.3 years	39.8 years	52.4 years	43.9 years
	9.8 years	10.5 years	13.0 years	9.3 years	10.3 years	7.4 years	2.7 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$357,751	\$17,481,414	\$68,544,599	\$2,306,045	\$342,361	\$1,537,069	\$1,041,196
b. Noncontributing Members	84,945	2,226,732	11,662,570	328,410	103,459	553,542	278,082
c. Annuitants	59,938	9,853,020	17,653,135	1,734,867	217,479	24,995	167,390
2. Total Actuarial Acrued Liability	\$502,634	\$29,561,166	\$97,860,304	\$4,369,322	\$663,299	\$2,115,606	\$1,486,668
3. Actuarial value of assets	328,910	25,073,309	75,602,771	5,326,358	611,189	1,564,202	1,225,240
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$173,724	\$4,487,857	\$22,257,533	(\$97,036)	\$52,110	\$551,404	\$261,428
5. Funded Ratio: (3) / (2)	65.4%	84.8%	77.3%	121.9%	92.1%	73.9%	82.4%
6. Annual Payroll	\$474,819	\$8,613,257	\$34,267,319	\$1,970,921	\$379,823	\$1,560,156	\$2,203,334
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.95%	8.21%	9.76%	3.91%	6.20%	6.03%	2.68%
Prior Service	2.50%	3.13%	3.90%	-3.06%	0.78%	2.09%	0.81%
Total Retirement	3.45%	11.34%	13.66%	0.85%	6.98%	8.12%	3.49%
Supplemental Death	0.13%	0.00%	0.13%	0.19%	0.28%	0.11%	0.10%
Total Rate	3.58%	11.34%	13.79%	1.04%	7.26%	8.23%	3.59%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	10.80%	13.14%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	13.50%	11.50%	13.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.9 years	27.1 years	27.1 years	25.0 years	29.9 years	27.8 years	21.9 years
Number of active contributing members	2	104	91	26	5	2	7
Number of inactive members	12	222	65	52	12	53	57
Average age of contributing members	39.0 years	44.2 years	41.2 years	42.6 years	43.7 years	37.6 years	37.0 years
Average length of service of contributing members	9.0 years	10.7 years	8.7 years	9.7 years	7.3 years	4.7 years	4.9 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Arp	Aspermont	Athens	Atlanta	Aubrey	Avinger	Aze
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$233,457	\$239,621	\$14,573,759	\$1,611,576	\$788,087	\$36,025	\$7,314,569
b. Noncontributing Members	69,705	13,235	951,682	340,981	281,255	0	2,225,503
c. Annuitants	167,663	99,986	7,845,615	919,710	78,767	0	4,133,640
2. Total Actuarial Acrued 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 acrued 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	3.89%	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%	21.14%	6.70%	0.09%	3.51%	11.27%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	18.54%	N/A	N/A	N/A	10.41%
Statutory Maximum Rate (Total Retirement Only)	7.50%	7.50%	N/A	7.50%	9.50%	9.50%	12.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.0 years	29.4 years	27.1 years	26.8 years	100.0 years	25.0 years	27.4 years
Number of active contributing members	3	1	44	12	5	0	48
Number of inactive members	8	6	118	44	46	1	109
Average age of contributing members	6	3	32	78	8	0	79
Average length of service of contributing members	42.2 years	46.5 years	42.6 years	47.5 years	37.0 years	57.0 years	40.6 years
	8.5 years	11.1 years	10.7 years	10.3 years	6.1 years	11.1 years	7.9 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$300,375	\$10,351,591	\$3,867,549	\$1,341,881	\$8,671	\$1,164,350	\$713,100
b. Noncontributing Members	104,479	1,723,834	1,485,646	360,050	1,236	142,213	65,274
c. Annuitants	186,889	6,240,195	6,352,704	982,111	0	125,769	603,245
2. Total Actuarial Acrued 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	23,956	1,301,915	1,158,895
4. Unfunded/(overfunded) actuarial acrued 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%	0.20%	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							
Number of annuitants	21.9 years	27.3 years	27.2 years	27.2 years	24.9 years	27.2 years	26.6 years
Number of active contributing members	3	59	36	10	0	5	6
Number of inactive members	9	141	49	31	3	18	13
Average age of contributing members	8	78	45	15	3	11	5
Average length of service of contributing members	42.4 years	40.2 years	42.8 years	48.6 years	51.2 years	52.8 years	48.1 years
	10.4 years	7.6 years	9.2 years	9.3 years	1.8 years	9.2 years	6.3 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Bartlett	Bartonville	Bastrop	Bay City	Bayou Vista	Baytown	Beaumont
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$101,873	\$464,805	\$5,660,830	\$11,137,131	\$179,332	\$98,274,488	\$157,179,078
b. Noncontributing Members	64,130	4,668	841,243	2,613,502	30,563	16,862,845	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	\$23,352,756	\$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	\$(8819)	\$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	N/A	N/A	11.11%	N/A	18.08%	15.62%
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	12.50%	11.50%	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	46.4 years	22.9 years	27.1 years	27.1 years	45.1 years	27.1 years	26.6 years
Number of active contributing members	5	0	29	80	0	342	628
Number of inactive members	12	7	104	179	7	1,042	1,042
Average age of contributing members	15	3	44	92	7	208	312
Average length of service of contributing members	3.4 years	48.2 years	41.7 years	44.1 years	49.4 years	40.5 years	44.8 years
		19.8 years	8.3 years	8.5 years	5.1 years	10.0 years	12.5 years

	Bedford	Bee Cave	Beeville	Bellaire	Bellmead	Bells	Bellville
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$13,311,596	\$1,445,581	\$4,207,174	\$33,311,382	\$4,014,817	\$27,356	\$3,652,194
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	20,020,910	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	235,273	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	N/A	N/A	21.82%	N/A	N/A	13.96%
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	7.50%	N/A	12.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	24.1 years	23.1 years	46.4 years	27.0 years	27.1 years	100.0 years	27.0 years
Number of active contributing members	5	4	38	90	3	3	25
Number of inactive members	335	32	112	152	71	6	53
Average age of contributing members	21	17	44	69	52	5	29
Average length of service of contributing members	41.3 years	44.0 years	46.7 years	44.7 years	39.9 years	39.1 years	43.8 years
	11.0 years	7.0 years	12.7 years	13.9 years	7.3 years	2.9 years	9.6 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Belton	Benbrook	Berryville	Bertram	Big Lake	Big Sandy	Big Spring
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$8,126,449	\$22,673,608	\$110,592	\$254,238	\$1,728,022	\$512,352	\$21,822,777
b. Noncontributing Members	848,513	2,837,066	0	74,810	458,266	30,866	3,471,049
c. Annuitants	4,756,051	10,878,628	34,033	120,131	1,067,856	15,717	11,894,088
2. Total Actuarial Acrued Liability	\$13,731,013	\$36,389,302	\$144,625	\$449,179	\$3,254,144	\$558,935	\$37,187,914
3. Actuarial value of assets	12,408,906	28,492,939	153,861	395,372	2,349,610	477,125	28,801,757
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$1,322,107	\$7,896,363	(\$9,236)	\$53,807	\$904,534	\$81,810	\$8,386,157
5. Funded Ratio: (3) / (2)	90.4%	78.3%	106.4%	88.0%	72.2%	85.4%	77.4%
6. Annual Payroll	\$6,266,265	\$7,347,192	\$94,486	\$356,690	\$667,460	\$400,405	\$9,109,569
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.50%	11.84%	3.84%	1.50%	9.88%	2.28%	10.94%
Prior Service	1.26%	6.44%	-0.62%	1.05%	8.15%	1.25%	5.51%
Total Retirement	6.76%	18.28%	3.22%	2.55%	18.03%	3.53%	16.45%
Supplemental Death	0.20%	0.14%	0.00%	0.18%	0.25%	0.24%	0.22%
Total Rate	6.96%	18.42%	3.22%	2.73%	18.28%	3.77%	16.67%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	17.98%	N/A	N/A	17.99%	N/A	14.58%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	8.50%	7.50%	N/A	7.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	27.2 years	24.7 years	21.3 years	27.0 years	26.2 years	27.3 years
Number of active contributing members	56	43	2	4	10	2	97
Number of inactive members	154	111	3	12	17	12	219
Average age of contributing members	88	27	0	7	6	14	85
Average length of service of contributing members	41.6 years	41.6 years	54.9 years	46.6 years	42.2 years	43.7 years	41.8 years
	8.5 years	12.7 years	9.0 years	6.7 years	10.8 years	10.5 years	8.3 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$838,781	\$170,582	\$51,618	\$317,985	\$218,370	\$20,573	\$22,549,452
b. Noncontributing Members	294,743	112,160	78,495	49,840	79,962	1,465	829,646
c. Annuitants	693,292	1,669,718	115,852	128,505	65,019	30,148	7,358,171
2. Total Actuarial Acrued Liability	\$1,826,816	\$449,718	\$245,965	\$496,330	\$363,351	\$52,186	\$30,737,269
3. Actuarial value of assets	1,727,485	462,846	220,523	557,161	258,202	74,022	18,771,612
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$99,331	(\$13,128)	\$25,442	(\$60,831)	\$105,149	(\$21,836)	\$11,965,657
5. Funded Ratio: (3) / (2)	94.6%	102.9%	89.7%	112.3%	71.1%	141.8%	61.1%
6. Annual Payroll	\$699,958	\$423,661	\$110,151	\$139,997	\$548,216	\$159,363	\$9,458,018
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	4.64%	0.87%	5.06%	8.15%	1.55%	0.33%	10.98%
Prior Service	0.85%	-0.20%	1.56%	-2.74%	1.29%	-0.33%	7.56%
Total Retirement	5.49%	0.67%	6.62%	5.41%	2.84%	0.00%	18.54%
Supplemental Death	0.19%	0.15%	0.11%	0.41%	0.11%	0.16%	0.13%
Total Rate	5.68%	0.82%	6.73%	5.82%	2.95%	0.16%	18.67%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	16.98%
Statutory Maximum Rate (Total Retirement Only)	11.50%	7.50%	11.50%	11.50%	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	24.0 years	22.3 years	24.9 years	22.4 years	100.0 years	27.3 years
Number of active contributing members	11	2	1	2	2	2	48
Number of inactive members	23	15	4	4	13	2	198
Average age of contributing members	21	41.1 years	41.8 years	53.4 years	40.3 years	34.4 years	42.1 years
Average length of service of contributing members	8.9 years	4.2 years	4.8 years	12.3 years	7.4 years	1.8 years	9.1 years

Actuarial Valuation of Participating Municipalities

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	Bozita	Bonham	Booker	Borger	Bovina	Bowie	Boyd
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability	\$57,159	\$6,432,320	\$200,357	\$12,101,230	\$27,121	\$5,162,581	\$289,065
a. Contributing Members	3,856	1,211,180	24,527	2,330,648	57,150	1,609,106	120,895
b. Noncontributing Members	68,136	1,821,613	225,292	17,661,870	263,351	3,797,836	28,035
c. Annuitants	\$129,151	\$9,465,113	\$450,176	\$32,093,748	\$347,622	\$10,569,523	\$437,995
2. Total Actuarial Accrued Liability	199,598	9,130,695	457,641	24,452,350	401,567	8,842,247	446,441
3. Actuarial value of assets	(\$70,447)	\$334,418	(\$7,465)	\$7,641,398	(\$53,945)	\$1,727,276	(\$8,446)
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	154.5%	96.5%	101.7%	76.2%	115.5%	83.7%	101.9%
5. Funded Ratio: (3) / (2)	\$217,580	\$4,691,666	\$349,372	\$6,168,563	\$217,464	\$3,379,532	\$441,190
6. Annual Payroll							
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%	0.19%	0.23%	0.00%
Total Rate	0.16%	4.94%	3.50%	17.34%	0.19%	11.25%	0.00%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	17.15%	N/A	10.53%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	10.50%	9.50%	N/A	7.50%	11.50%	9.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	1000 years	21.7 years	26.5 years	27.0 years	100.0 years	27.2 years	0.0 years
Number of active contributing members	2	29	4	78	5	41	2
Number of inactive members	10	110	10	152	8	93	13
Average age of contributing members	3	63	6	42	6	55	12
Average length of service of contributing members	3.9 years	40.5 years	39.1 years	41.0 years	32.5 years	43.9 years	39.0 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	\$2,614,780	\$1,550,270	\$3,013,119	\$77,992	\$17,588,617	\$6,064,168	\$3,882,957
a. Contributing Members	1,411,112	278,066	752,957	58,709	2,062,997	1,236,050	1,330,696
b. Noncontributing Members	1,758,024	680,348	2,956,185	52,655	9,620,888	5,824,647	2,759,775
c. Annuitants	\$5,783,916	\$2,508,684	\$6,722,261	\$189,356	\$29,272,502	\$13,124,865	\$7,973,428
2. Total Actuarial Accrued Liability	4,354,539	2,286,214	5,449,111	226,389	28,437,560	9,909,794	5,598,562
3. Actuarial value of assets	\$1,429,377	\$222,470	\$1,273,150	(\$37,033)	\$834,942	\$3,215,071	\$2,375,066
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	75.3%	91.1%	81.1%	119.0%	97.1%	75.5%	70.2%
5. Funded Ratio: (3) / (2)	\$3,082,642	\$1,008,303	\$2,158,884	\$189,325	\$10,029,205	\$2,822,355	\$3,417,484
6. Annual Payroll							
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%	1.33%	3.55%	-1.12%	0.74%	6.92%	4.14%
Total Retirement	8.51%	7.80%	9.44%	0.00%	6.12%	15.35%	11.31%
Supplemental Death	0.22%	0.17%	0.20%	0.20%	0.00%	0.21%	0.13%
Total Rate	8.73%	7.97%	9.64%	0.20%	6.12%	15.56%	11.44%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	7.93%	N/A	9.30%	N/A	N/A	N/A	10.70%
Statutory Maximum Rate (Total Retirement Only)	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							
Number of annuitants	27.2 years	26.9 years	27.0 years	29.5 years	15.0 years	26.6 years	27.5 years
Number of active contributing members	35	12	30	2	82	36	24
Number of inactive members	68	28	74	6	224	53	66
Average age of contributing members	43.7 years	44.2 years	42.4 years	43.0 years	43.5 years	44.3 years	39.2 years
Average length of service of contributing members	6.3 years	9.7 years	8.5 years	5.1 years	11.8 years	10.7 years	7.7 years

Actuarial Valuation of Participating Municipalities

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	Bronx	Brookshire	Brownfield	Brownsville	Brownsville Public Utility	Brownwood	Brownwood Health Dept.
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued 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 Acrued 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 acrued liability: (2) - (3)	\$30,165	\$333,433	\$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%
6. Annual Payroll	\$118,898	\$944,269	\$2,974,402	\$52,030,254	\$22,112,662	\$8,275,160	\$383,857
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	N/A	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	5.6 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$83,224	\$232,312	\$117,055,593	\$17,719	\$2,335,111	\$569,658	\$636,064
b. Noncontributing Members	1,545	1,355,304	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 Acrued Liability	\$112,284	\$618,213	\$226,635,273	\$395,046	\$3,479,005	\$768,068	\$694,140
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 acrued liability: (2) - (3)	(\$67,506)	(\$86,653)	\$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%	2.00%	7.59%	3.57%	3.69%
Prior Service	-2.26%	-1.27%	7.74%	-2.00%	3.34%	0.32%	2.40%
Total Retirement	2.78%	2.88%	18.43%	0.00%	10.93%	3.89%	6.09%
Supplemental Death	0.00%	0.17%	0.00%	0.00%	0.13%	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	N/A	N/A	N/A
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	100.0 years	27.3 years	17.6 years	21.8 years
Number of annuitants	1	4	395	1	7	2	1
Number of active contributing members	8	11	849	3	58	16	17
Number of inactive members	3	10	353	2	12	8	7
Average age of contributing members	52.9 years	43.9 years	40.8 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

Actuarial Valuation of Participating Municipalities

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	Bulverde	Bunker Hill Village	Burkburnett	Burleson	Burnet	Cactus	Caddo Mills
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability		\$1,316,989	\$4,174,680	\$35,316,942	\$7,711,427	\$235,844	\$90,214
a. Contributing Members	150,824	264,228	1,257,375	6,184,128	1,769,759	52,684	26,734
b. Noncontributing Members	13,054	451,458	5,187,696	11,424,608	4,681,572	552,480	51,067
c. Annuitants	\$1,151,553	\$2,032,675	\$10,619,751	\$52,925,678	\$14,162,758	\$841,008	\$168,015
2. Total Actuarial Accrued Liability	741,868	2,051,725	9,134,824	36,966,987	11,646,048	880,435	145,682
3. Actuarial value of assets	\$409,685	(\$19,050)	\$1,484,927	\$15,938,691	\$2,316,710	(\$39,427)	\$22,333
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	64.4%	100.9%	86.0%	69.8%	82.2%	104.7%	86.7%
5. Funded Ratio: (3) / (2)	\$1,057,066	\$516,262	\$2,549,886	\$16,870,901	\$4,991,018	\$619,828	\$417,619
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	3.72%	8.84%	6.19%	9.14%	7.61%	0.14%	1.72%
Prior Service	2.61%	-0.23%	3.98%	5.66%	3.02%	-0.14%	0.39%
Total Retirement	6.33%	8.61%	10.17%	14.80%	10.63%	0.00%	2.11%
Supplemental Death	0.11%	0.23%	0.21%	0.12%	0.15%	0.26%	0.10%
Total Rate	6.44%	8.84%	10.38%	14.92%	10.78%	0.26%	2.21%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	14.19%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	7.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012		25.4 years	21.9 years	27.3 years	27.2 years	100.0 years	19.8 years
Number of annuitants	1	4	42	61	34	8	1
Number of active contributing members	21	8	72	299	117	18	11
Number of inactive members	8	3	23	104	74	19	12
Average age of contributing members	42.8 years	48.2 years	43.4 years	41.2 years	41.5 years	47.2 years	39.0 years
Average length of service of contributing members	9.4 years	13.1 years	10.2 years	10.3 years	7.5 years	7.5 years	2.8 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability		\$62,781	\$1,164,375	\$1,177,043	\$3,654,165	\$7,863,786	\$53,877
a. Contributing Members	811,305	44,873	666,512	465,432	621,688	1,921,729	33,184
b. Noncontributing Members	2,243,547	0	2,080,038	811,955	1,662,467	9,276,179	2,576
c. Annuitants	\$7,004,487	\$107,654	\$3,910,925	\$2,454,430	\$5,938,320	\$19,061,694	\$89,637
2. Total Actuarial Accrued Liability	6,602,240	150,990	2,671,539	1,768,360	4,478,926	15,661,363	92,502
3. Actuarial value of assets	\$402,247	(\$43,336)	\$1,239,386	\$686,070	\$1,459,394	\$3,400,331	(\$2,865)
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	94.3%	140.3%	68.3%	72.0%	75.4%	82.2%	103.2%
5. Funded Ratio: (3) / (2)	\$1,949,076	\$277,994	\$1,092,015	\$715,073	\$2,213,391	\$3,373,057	\$26,010
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	8.65%	0.99%	3.65%	8.52%	8.16%	10.74%	5.12%
Prior Service	1.24%	-0.98%	6.83%	5.81%	6.02%	6.02%	-0.69%
Total Retirement	9.89%	0.01%	10.48%	14.33%	12.12%	16.76%	4.43%
Supplemental Death	0.25%	0.20%	0.31%	0.14%	0.24%	0.14%	0.09%
Total Rate	10.14%	0.21%	10.79%	14.47%	12.36%	16.90%	4.52%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	13.85%	N/A	16.60%	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	N/A	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012		25.1 years	27.0 years	26.7 years	27.1 years	27.4 years	25.2 years
Number of annuitants	19	0	23	7	23	28	2
Number of active contributing members	60	10	31	19	60	76	1
Number of inactive members	15	12	25	7	27	25	2
Average age of contributing members	46.3 years	49.4 years	45.1 years	37.9 years	43.1 years	41.6 years	41.8 years
Average length of service of contributing members	10.9 years	4.2 years	10.4 years	7.0 years	8.5 years	10.2 years	19.3 years

Actuarial Valuation of Participating Municipalities

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	Carrizo Springs	Carrilton	Carthage	Castle Hills	Castroville	Cedar Hill	Cedar Park
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,007,008	\$130,735,441	\$10,354,421	\$5,600,356	\$2,052,789	\$38,874,994	\$25,999,086
b. Noncontributing Members	34,382	50,500,941	1,180,429	470,993	772,828	7,041,881	3,632,747
c. Annuitants	2,045,424	100,010,325	11,481,689	6,140,690	1,087,821	16,322,377	4,883,371
2. Total Actuarial Accrued Liability	\$4,086,814	\$281,246,707	\$23,016,539	\$12,212,039	\$3,913,438	\$62,239,252	\$34,515,204
3. Actuarial value of assets	3,806,051	257,904,344	18,006,285	10,085,740	3,109,664	46,695,631	28,841,245
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$280,763	\$23,342,363	\$5,010,254	\$2,126,299	\$803,774	\$15,543,621	\$5,673,959
5. Funded Ratio: (3) / (2)	93.1%	91.7%	78.2%	82.6%	79.5%	75.0%	83.6%
6. Annual Payroll	\$1,044,350	\$47,098,086	\$4,026,947	\$2,656,968	\$1,456,890	\$18,288,855	\$18,123,061
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.55%	10.97%	11.25%	7.73%	5.54%	9.85%	6.39%
Prior Service	1.66%	2.54%	7.53%	4.81%	3.30%	5.09%	2.11%
Total Retirement	8.21%	13.51%	18.78%	12.54%	8.84%	14.94%	8.50%
Supplemental Death	0.27%	0.00%	0.20%	0.15%	0.26%	0.13%	0.11%
Total Rate	8.48%	13.51%	18.98%	12.69%	9.10%	15.07%	8.61%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	7.88%	N/A	18.44%	N/A	8.69%	15.02%	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	N/A	N/A	N/A	11.50%	N/A	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	17	360	26.7 years	27.1 years	27.3 years	27.2 years	22.4 years
Number of active contributing members	37	767	47	35	18	83	47
Number of inactive members	3	498	88	60	38	321	354
Average age of contributing members	46.4 years	43.4 years	41.4 years	41.2 years	43.7 years	41.6 years	39.9 years
Average length of service of contributing members	10.8 years	12.0 years	8.8 years	10.8 years	9.4 years	9.8 years	8.7 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,290	\$1,570,673	\$5,371,384	\$352,857	\$329,341	\$204,986	\$168,834
b. Noncontributing Members	14,549	436,745	457,554	0	11,577	37,015	108,237
c. Annuitants	40,529	58,211	2,960,809	0	59,669	77,325	0
2. Total Actuarial Accrued Liability	\$60,368	\$2,065,629	\$8,789,747	\$352,857	\$400,587	\$319,326	\$277,071
3. Actuarial value of assets	10,045	2,055,797	5,960,618	348,198	135,377	308,434	295,657
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$50,323	\$9,832	\$2,829,129	\$4,659	\$265,210	\$10,892	(\$18,586)
5. Funded Ratio: (3) / (2)	16.6%	99.5%	67.8%	98.7%	33.8%	96.6%	106.7%
6. Annual Payroll	\$105,197	\$2,333,162	\$2,665,028	\$189,885	\$546,464	\$179,745	\$35,668
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.46%	3.04%	9.64%	2.58%	1.87%	5.99%	15.38%
Prior Service	3.01%	0.02%	6.37%	0.21%	3.30%	0.36%	-3.28%
Total Retirement	3.47%	3.06%	16.01%	2.79%	5.17%	5.95%	12.10%
Supplemental Death	0.10%	0.12%	0.20%	0.00%	0.23%	0.42%	0.42%
Total Rate	3.57%	3.18%	16.21%	2.79%	5.40%	6.07%	12.52%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	14.47%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	N/A	9.50%	N/A	9.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	1	1	27.1 years	15.8 years	22.1 years	27.6 years	25.0 years
Number of active contributing members	5	41	74	5	17	1	0
Number of inactive members	2	18	13	0	5	3	3
Average age of contributing members	37.9 years	40.8 years	42.3 years	41.0 years	48.1 years	43.0 years	56.2 years
Average length of service of contributing members	0.8 years	6.8 years	10.1 years	14.9 years	5.4 years	11.0 years	18.3 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Chico	Childress	Chireno	Christine	Cibola	Cisco	Clarendon
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$139,796	\$2,471,126	\$236,862	\$1,289	\$3,584,210	\$820,060	\$195,879
b. Noncontributing Members	4,693	174,121	260,317	14,356	808,423	68,700	92,928
c. Annuitants	63,003	3,537,118	691,405	4,188	449,322	1,327,318	207,105
2. Total Actuarial Acrued Liability	\$207,492	\$6,182,365	\$1,188,584	\$19,833	\$4,841,955	\$2,216,078	\$495,912
3. Actuarial value of assets	191,162	4,493,783	885,909	29,456	3,057,653	2,341,760	\$27,965
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$16,330	\$1,688,583	\$302,675	(\$9,623)	\$1,784,302	(\$125,682)	(\$32,053)
5. Funded Ratio: (3) / (2)	92.1%	72.7%	74.5%	148.5%	63.1%	105.7%	106.5%
6. Annual Payroll	\$241,153	\$1,507,415	\$247,218	\$15,926	\$3,036,602	\$889,866	\$367,488
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	1.92%	9.66%	8.95%	0.00%	5.91%	4.71%	1.05%
Prior Service	0.46%	6.72%	7.66%	0.00%	3.91%	-0.89%	-0.55%
Total Retirement	2.38%	16.38%	16.61%	0.00%	9.82%	3.82%	0.50%
Supplemental Death	0.36%	0.22%	0.14%	0.00%	0.12%	0.15%	0.29%
Total Rate	2.74%	16.60%	16.75%	0.00%	9.94%	3.97%	0.79%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	14.85%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	9.50%	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.1 years	27.1 years	25.3 years	0.0 years	22.8 years	25.0 years	24.9 years
Number of active contributing members	8	54	6	1	11	17	7
Number of inactive members	1	30	3	3	78	34	15
Average age of contributing members	51.3 years	44.1 years	40.4 years	27.9 years	56	25	8
Average length of service of contributing members	6.8 years	7.8 years	5.5 years	1.3 years	7.2 years	6.0 years	6.6 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$861,840	\$733,029	\$725,727	\$38,222,121	\$3,655,122	\$499,647	\$7,095,510
b. Noncontributing Members	589,906	62,432	166,383	4,919,803	1,271,750	329,788	2,449,769
c. Annuitants	186,491	87,355	16,739	28,038,276	2,808,836	657,883	4,842,991
2. Total Actuarial Acrued Liability	\$1,638,237	\$882,816	\$908,849	\$71,180,200	\$7,735,708	\$1,487,318	\$14,388,270
3. Actuarial value of assets	2,024,082	1,012,788	668,428	48,973,252	6,066,467	1,493,411	13,156,747
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	(\$385,845)	(\$129,972)	\$240,421	\$22,206,948	\$1,669,241	(\$6,093)	\$1,231,523
5. Funded Ratio: (3) / (2)	123.6%	114.7%	73.5%	68.8%	78.4%	100.4%	91.4%
6. Annual Payroll	\$906,978	\$205,046	\$625,120	\$15,296,326	\$3,217,053	\$941,194	\$4,048,804
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.98%	9.51%	7.03%	12.17%	6.23%	1.75%	9.61%
Prior Service	-2.68%	-3.99%	2.30%	8.64%	3.11%	-0.04%	1.83%
Total Retirement	4.30%	5.52%	9.33%	20.81%	9.34%	1.71%	11.44%
Supplemental Death	0.18%	0.32%	0.00%	0.21%	0.21%	0.23%	0.18%
Total Rate	4.48%	5.84%	9.33%	21.02%	9.55%	1.94%	11.62%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	3.73%	N/A	N/A	19.56%	8.95%	N/A	11.17%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	12.50%	N/A	11.50%	7.50%	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	25.0 years	25.0 years	27.3 years	27.5 years	27.2 years	25.8 years	27.0 years
Number of active contributing members	7	2	1	127	14	17	37
Number of inactive members	29	4	13	298	85	24	95
Average age of contributing members	30	2	16	88	42	11	82
Average length of service of contributing members	45.1 years	48.4 years	40.4 years	44.3 years	43.1 years	42.9 years	42.6 years
	6.2 years	21.0 years	8.2 years	9.1 years	8.0 years	5.8 years	7.5 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Clyde	Conhoma	Cockrell Hill	Coleman	College Station	Colleyville	Collinsville
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,465,880	\$109,864	\$1,201,102	\$5,129,128	\$114,098,329	\$21,188,328	\$156,845
b. Noncontributing Members	224,782	151,614	414,091	838,052	22,016,396	4,909,636	3,472
c. Annuitants	630,171	273,668	524,072	3,997,407	54,434,226	8,876,270	70,933
2. Total Actuarial Acrued Liability	\$2,320,833	\$535,146	\$2,139,265	\$9,964,587	\$190,548,951	\$34,974,234	\$231,250
3. Actuarial value of assets	1,719,839	557,363	2,536,738	7,632,644	145,688,745	35,451,160	280,430
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$600,994	(\$22,217)	(\$397,473)	\$2,331,943	\$44,860,206	(\$476,926)	(\$49,180)
5. Funded Ratio: (3) / (2)	74.1%	104.2%	118.6%	76.6%	76.5%	101.4%	121.3%
6. Annual Payroll	\$1,014,815	\$182,903	\$1,249,024	\$2,294,542	\$42,989,877	\$10,447,543	\$238,540
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.94%	4.37%	7.06%	10.55%	11.23%	7.48%	2.61%
Prior Service	3.55%	-0.76%	-2.00%	6.09%	6.26%	-0.23%	-1.30%
Total Retirement	11.49%	3.61%	5.06%	16.64%	17.49%	7.25%	1.31%
Supplemental Death	0.15%	0.28%	0.14%	16.64%	0.00%	0.00%	0.28%
Total Rate	11.64%	3.89%	5.20%	16.64%	17.49%	7.38%	1.59%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	4.65%	16.52%	16.25%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	13.50%	N/A	N/A	13.50%	8.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	25.3 years	25.1 years	27.2 years	27.1 years	38.3 years	24.9 years
Number of active contributing members	6	4	7	38	246	57	1
Number of inactive members	35	5	34	70	802	168	6
Average age of contributing members	22	3	34	26	365	85	1
Average length of service of contributing members	43.4 years	46.4 years	40.3 years	45.0 years	41.1 years	42.5 years	51.2 years
	7.6 years	7.6 years	6.4 years	9.8 years	11.5 years	12.5 years	7.1 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$82,524	\$1,389,683	\$2,865,946	\$1,128,866	\$3,263,199	\$52,283,130	\$10,410,875
b. Noncontributing Members	0	899,763	843,436	74,589	1,243,490	4,791,699	1,753,333
c. Annuitants	0	1,549,795	1,267,334	1,221,929	3,427,190	23,477,149	3,594,715
2. Total Actuarial Acrued Liability	\$82,524	\$3,839,241	\$4,976,716	\$2,425,384	\$7,933,879	\$80,551,978	\$15,758,923
3. Actuarial value of assets	75,947	3,659,637	3,948,983	2,181,299	6,709,522	59,227,953	11,645,340
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$6,577	\$179,604	\$1,027,733	\$244,085	\$1,224,357	\$21,324,025	\$4,113,583
5. Funded Ratio: (3) / (2)	92.0%	95.3%	79.3%	89.9%	84.6%	73.5%	73.9%
6. Annual Payroll	\$130,055	\$1,213,288	\$1,457,213	\$920,083	\$2,829,953	\$21,605,330	\$5,798,856
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	1.23%	8.10%	9.45%	3.93%	6.95%	10.98%	8.85%
Prior Service	0.35%	0.93%	4.25%	1.62%	2.61%	5.93%	4.24%
Total Retirement	1.58%	9.03%	13.70%	5.55%	9.56%	16.91%	13.09%
Supplemental Death	0.06%	0.25%	0.20%	0.20%	0.20%	0.00%	0.12%
Total Rate	1.64%	9.28%	13.95%	5.82%	9.76%	16.91%	13.21%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	8.36%	12.39%	N/A	9.26%	15.67%	12.00%
Statutory Maximum Rate (Total Retirement Only)	N/A	12.50%	12.50%	7.50%	11.50%	N/A	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.5 years	25.1 years	26.9 years	26.3 years	26.9 years	27.1 years	27.3 years
Number of active contributing members	0	18	16	16	43	106	27
Number of inactive members	4	37	28	28	81	386	156
Average age of contributing members	0	54	31	11	57	90	90
Average length of service of contributing members	35.6 years	43.3 years	46.1 years	44.6 years	42.7 years	41.5 years	37.8 years
	8.0 years	6.4 years	9.7 years	9.9 years	7.3 years	10.1 years	7.5 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Cooper	Coppell	Copper Canyon	Copperas Cove	Corinth	Corpus Christi	Cortigan					
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	\$800,179 17,634 127,833 \$945,646 848,694 \$96,952 89.7%	\$60,921,741 8,481,314 16,992,602 \$86,395,657 68,648,131 \$17,747,526 79.5%	\$130,760 66,857 0 \$197,617 142,006 \$55,611 71.9%	\$19,532,936 6,402,678 15,438,782 \$41,374,396 32,237,271 \$9,137,125 77.9%	\$14,111,195 1,832,929 4,009,333 \$19,953,457 14,283,597 \$5,669,860 71.6%	\$244,474,682 32,203,685 280,923,619 \$557,601,986 511,209,314 \$46,392,672 91.7%	\$660,005 105,518 171,658 \$937,181 928,709 \$8,472 99.1%					
	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)	5.19% 1.39% 6.58% 0.24% 6.82% N/A 8.50%	10.76% 4.39% 15.15% 0.13% 15.28% 15.08% N/A	0.00% 4.25% 4.25% 0.36% 4.61% N/A N/A	7.20% 4.84% 12.04% 0.18% 12.22% 12.08% 12.50%	8.87% 4.08% 12.95% 0.10% 13.05% N/A 13.50%	7.06% 2.78% 9.84% 0.00% 9.84% N/A N/A	2.28% 0.10% 2.38% 0.22% 2.60% N/A 7.50%				
		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	26.9 years 2 12 2 50.6 years 14.4 years	27.2 years 100 370 173 42.5 years 11.7 years	10.6 years 0 3 4 62.0 years 16.1 years	27.3 years 143 269 181 41.7 years 11.3 years	27.5 years 36 146 64 39.3 years 9.6 years	22.7 years 1,648 2,415 803 45.2 years 12.3 years	17.9 years 7 21 11 45.8 years 10.9 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	\$20,208,442 2,567,157 14,751,669 \$37,527,268 30,180,484 \$7,346,784 80.4%	\$254,275 146,996 733,263 \$1,134,534 1,096,493 \$38,041 96.6%	\$755,178 526,670 343,132 \$1,624,980 1,533,348 \$91,632 94.4%	\$2,198,070 118,653 2,789,616 \$5,106,339 4,787,237 \$319,102 93.8%	\$54,032 0 0 \$54,032 73,654 (\$19,622) 136.3%	\$4,138,473 951,325 2,931,699 \$8,021,497 6,999,056 \$1,022,441 87.3%	\$200,274 211,345 965,975 \$1,377,594 1,439,860 (\$62,266) 104.5%		
				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)	8.99% 4.84% 13.83% 0.22% 14.05% N/A N/A	1.71% 0.40% 2.11% 0.38% 2.49% N/A 7.50%	6.82% 0.52% 7.34% 0.12% 7.46% 7.05% 13.50%	10.34% 2.12% 12.46% 0.18% 12.64% N/A 15.50%	1.26% -1.01% 0.25% 0.00% 0.25% N/A 7.50%	7.69% 2.66% 10.32% 0.27% 10.62% 10.39% 11.50%	4.51% -1.19% 3.32% 0.37% 3.69% N/A 10.50%	
					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	27.0 years 111 198 59 43.4 years 11.0 years	21.5 years 13 24 32 43.4 years 5.1 years	27.4 years 7 26 25 40.5 years 4.6 years	26.5 years 14 21 5 44.2 years 11.5 years	25.0 years 0 4 0 46.2 years 6.3 years	27.3 years 30 67 33 47.8 years 10.5 years	25.0 years 12 11 9 44.5 years 5.2 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Cross Plains	Crowley	Crystal City	Cuero	Cumby	Dainingerfield	Daisetta
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued 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	783,060	30,791
c. Annuitants	104,025	1,065,599	1,150,077	4,028,734	18,860	665,133	6,881
2. Total Actuarial Acrued Liability	\$602,003	\$9,683,694	\$2,349,693	\$8,506,187	\$142,460	\$1,645,663	\$96,362
3. Actuarial value of assets	\$45,759	7,860,631	2,961,494	6,330,113	67,181	1,486,778	132,240
4. Unfunded/(overfunded) actuarial acrued 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
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.46%	7.77%	4.16%	6.04%	0.51%	5.06%	1.24%
Prior Service	1.31%	2.54%	-3.69%	4.25%	1.65%	1.38%	-0.96%
Total Retirement	7.77%	10.31%	0.47%	10.29%	2.16%	6.44%	0.28%
Supplemental Death	0.00%	0.14%	0.00%	0.20%	0.11%	0.00%	0.14%
Total Rate	7.77%	10.45%	0.47%	10.49%	2.27%	6.44%	0.42%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	7.44%	9.99%	N/A	N/A	N/A	6.18%	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	12.50%	11.50%	11.50%	N/A	9.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.8 years	16	25.0 years	27.1 years	22.7 years	27.7 years	25.1 years
Number of active contributing members	1	99	15	44	8	8	1
Number of inactive members	7	56	49	85	12	18	10
Average age of contributing members	5	23	43.2 years	27	3	10	12
Average length of service of contributing members	49.0 years	41.7 years	7.0 years	41.9 years	44.8 years	44.2 years	46.1 years
	6.8 years	9.0 years		8.6 years	6.6 years	7.1 years	3.0 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$2,897,651	\$3,983,826	\$162,465	\$52,387	\$3,316,028	\$157,332	\$44,292,907
b. Noncontributing Members	778,033	787,971	4,290	108,511	578,906	49,008	11,220,882
c. Annuitants	1,899,838	190,179	5,502	0	1,174,622	278,017	27,187,780
2. Total Actuarial Acrued Liability	\$5,575,522	\$4,961,976	\$172,257	\$160,898	\$5,069,556	\$484,357	\$82,701,569
3. Actuarial value of assets	5,625,293	2,386,252	98,521	132,276	3,458,492	454,823	70,316,875
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	(\$49,771)	\$2,575,724	\$73,736	\$28,622	\$1,611,064	\$29,534	\$12,384,694
5. Funded Ratio: (3) / (2)	100.9%	48.1%	57.2%	82.2%	68.2%	93.9%	85.0%
6. Annual Payroll	\$2,020,891	\$1,541,918	\$316,406	\$100,632	\$2,713,149	\$418,689	\$18,692,255
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
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%	3.98%
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%	0.16%	0.13%	0.13%
Total Rate	5.58%	20.65%	2.75%	5.86%	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							
Number of annuitants	23.7 years	27.1 years	21.9 years	11.8 years	27.2 years	22.0 years	27.1 years
Number of active contributing members	22	3	1	0	23	5	130
Number of inactive members	55	19	9	3	76	13	300
Average age of contributing members	47	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	42.6 years	9.6 years	6.3 years	5.1 years	6.7 years	6.7 years	12.2 years
	8.3 years						

Actuarial Valuation of Participating Municipalities

CONTINUED

	Deer Park	Deer Park	Del Rio	Dell City	Denison	Denton	
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	\$9,248,851	\$46,542,359	\$12,614,634	\$274,997	\$29,838,765	\$168,774,519	
	1,441,456	4,686,680	598,895	0	2,624,625	28,292,294	
	2,539,997	41,308,826	3,147,221	\$2,212	17,090,212	82,592,735	
	\$13,230,304	\$92,537,865	\$413,121	\$327,209	\$49,553,602	\$279,659,548	
	8,943,136	81,478,828	8,844,188	295,512	40,394,466	208,101,143	
	\$4,287,168	\$11,059,037	\$7,516,562	\$31,697	\$9,159,136	\$71,558,405	
	67.6%	88.0%	54.1%	90.3%	81.5%	74.4%	
	\$4,965,616	\$16,780,213	\$16,582,599	\$95,190	\$9,529,139	\$60,871,462	
	8.36%	10.97%	1.44%	8.48%	11.80%	11.54%	
	51.99%	3.94%	2.73%	2.00%	5.76%	7.04%	
13.55%	14.91%	0.47%	10.48%	17.56%	18.58%		
0.15%	0.16%	0.15%	0.45%	0.00%	0.16%		
13.70%	15.07%	4.32%	10.93%	17.56%	18.74%		
N/A	N/A	N/A	N/A	16.39%	17.58%		
13.50%	N/A	N/A	N/A	N/A	N/A		
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	27.0 years	27.3 years	27.0 years	27.1 years	27.2 years	27.2 years	
	26	144	41	1	98	352	
	104	292	473	3	219	1,019	
	53	59	116	0	75	341	
	42.4 years	41.0 years	42.7 years	46.7 years	44.6 years	43.2 years	
	10.1 years	11.8 years	8.2 years	13.7 years	11.7 years	11.6 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	\$3,294,131	\$5,086	\$3,187,263	\$9,803	\$7,574,445	\$484,212
		493,376	0	920,402	900	993,307	47,075
		2,872,584	90,567	3,257,199	0	610,667	558,949
		\$6,660,091	\$95,653	\$7,364,864	\$10,703	\$9,178,419	\$1,090,236
5,912,865		63,354	6,129,026	17,658	7,954,201	985,386	
\$747,226		\$32,299	\$1,235,838	(\$6,955)	\$1,224,218	\$104,850	
88.8%		66.2%	83.2%	165.0%	86.7%	90.4%	
\$1,236,741		\$35,324	\$1,670,418	\$41,612	\$4,165,296	\$720,990	
10.17%		1.09%	8.29%	0.30%	6.56%	1.18%	
3.64%		9.55%	4.43%	-0.30%	1.96%	0.98%	
13.81%	10.64%	12.72%	0.00%	8.52%	2.16%		
0.20%	0.33%	0.18%	0.03%	0.15%	0.12%		
14.01%	10.97%	12.90%	0.03%	8.67%	2.28%		
N/A	N/A	12.62%	N/A	N/A	N/A		
N/A	N/A	13.50%	N/A	13.50%	7.50%		
ADDITIONAL INFORMATION GASB 25 Equivalent Single Amortization Period as of 1/2012 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members	26.9 years	12.1 years	27.2 years	100.0 years	22.8 years	22.4 years	
	14	2	22	0	10	12	
	30	1	48	2	98	27	
	17	0	28	2	56	15	
	43.6 years	45.4 years	40.5 years	31.9 years	43.4 years	40.1 years	
	12.2 years	2.3 years	9.5 years	2.8 years	9.7 years	8.7 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	\$3,294,131	\$5,086	\$3,187,263	\$9,803	\$7,574,445	\$484,212
		493,376	0	920,402	900	993,307	47,075
		2,872,584	90,567	3,257,199	0	610,667	558,949
		\$6,660,091	\$95,653	\$7,364,864	\$10,703	\$9,178,419	\$1,090,236
5,912,865		63,354	6,129,026	17,658	7,954,201	985,386	
\$747,226		\$32,299	\$1,235,838	(\$6,955)	\$1,224,218	\$104,850	
88.8%		66.2%	83.2%	165.0%	86.7%	90.4%	
\$1,236,741		\$35,324	\$1,670,418	\$41,612	\$4,165,296	\$720,990	
10.17%		1.09%	8.29%	0.30%	6.56%	1.18%	
3.64%		9.55%	4.43%	-0.30%	1.96%	0.98%	
13.81%	10.64%	12.72%	0.00%	8.52%	2.16%		
0.20%	0.33%	0.18%	0.03%	0.15%	0.12%		
14.01%	10.97%	12.90%	0.03%	8.67%	2.28%		
N/A	N/A	12.62%	N/A	N/A	N/A		
N/A	N/A	13.50%	N/A	13.50%	7.50%		

Actuarial Valuation of Participating Municipalities

CONTINUED

	Dummas	Dublin	Driscoll	Dripping Springs	Double Oak	Donna	Dummitt	Dumaineville	Duncanville	Eagle Lake	Eagle Pass	Early	Earth	East Mountain	East Tawakoni
SUMMARY OF ACTUARIAL INFORMATION															
1. Actuarial Acrued Liability															
a. Contributing Members	\$5,011,424	\$917,792	\$23,059	\$145,276	\$175,441	\$2,141,124	\$1,777,399	\$30,272,298	\$1,382,640	\$24,642,882	\$1,216,061	\$48,648	\$156,153	\$116,018	
b. Noncontributing Members	1,286,227	454,963	12,720	6,358	24,521	543,995	259,792	7,076,758	412,663	907,515	41,616	29,977	23,974	50,984	
c. Annuitants	5,971,203	468,622	0	0	12,927	292,060	1,276,817	42,356,111	774,593	19,169,210	323,679	65,689	0	410,720	
2. Total Actuarial Acrued Liability	\$12,268,854	\$1,841,377	\$35,779	\$151,634	\$212,889	\$2,977,179	\$3,314,008	\$79,705,167	\$2,569,896	\$44,719,607	\$1,581,356	\$144,314	\$180,127	\$577,722	
3. Actuarial value of assets	11,148,731	1,490,658	21,450	141,825	215,290	3,072,668	3,494,258	82,267,239	2,593,965	41,404,664	1,725,425	97,530	131,231	477,540	
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$1,120,123	\$350,719	\$14,329	\$9,809	(\$2,401)	(\$95,489)	(\$180,250)	(\$2,562,072)	(\$24,069)	\$3,314,943	(\$144,069)	\$46,784	\$48,896	\$100,182	
5. Funded Ratio: (3) / (2)	90.9%	81.0%	60.0%	93.5%	101.1%	103.2%	105.4%	103.2%	100.9%	92.6%	109.1%	67.6%	72.9%	82.7%	
6. Annual Payroll	\$4,787,737	\$898,601	\$233,798	\$335,694	\$479,706	\$2,476,420	\$847,243	\$14,439,595	\$897,951	\$12,082,873	\$887,652	\$137,834	\$127,288	\$281,144	
CITY CONTRIBUTION RATES FOR 2012															
Retirement															
Normal Cost	4.07%	5.11%	0.00%	1.01%	0.63%	2.79%	9.31%	6.84%	8.07%	9.19%	4.56%	1.95%	3.84%	4.82%	
Prior Service	1.42%	2.35%	0.40%	0.19%	-0.03%	-0.24%	-1.34%	-1.12%	-0.17%	1.63%	-1.02%	2.34%	2.70%	2.41%	
Total Retirement	5.49%	7.46%	0.40%	1.20%	0.60%	2.55%	7.97%	5.72%	7.90%	10.82%	3.54%	4.29%	6.54%	7.23%	
Supplemental Death	0.15%	0.16%	0.05%	0.10%	0.25%	0.00%	0.00%	0.00%	0.16%	0.19%	0.17%	0.32%	0.22%	0.20%	
Total Rate	5.64%	7.62%	0.45%	1.30%	0.85%	2.75%	7.97%	5.72%	8.06%	11.01%	3.71%	4.61%	6.76%	7.43%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Statutory Maximum Rate (Total Retirement Only)	9.50%	11.50%	N/A	N/A	N/A	7.50%	12.50%	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	26.6 years	27.0 years	23.5 years	23.7 years	27.2 years	25.5 years	25.0 years	25.0 years	25.0 years	27.6 years	27.2 years	23.7 years	23.5 years	27.0 years	26.6 years
Number of annuitants	50	8	0	0	1	14	12	12	14	1	0	0	0	8	
Number of active contributing members	117	26	7	6	10	81	30	30	81	10	10	10	10	26	
Number of inactive members	70	46	10	2	6	54	10	10	54	6	2	2	46	70	
Average age of contributing members	40.1 years	41.3 years	32.1 years	43.6 years	46.0 years	42.4 years	47.9 years	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	8.1 years	8.4 years	2.3 years	6.5 years	6.9 years	7.3 years	9.1 years	9.1 years	7.3 years	6.9 years	6.5 years	2.3 years	8.4 years	8.1 years	
SUMMARY OF ACTUARIAL INFORMATION															
1. Actuarial Acrued Liability															
a. Contributing Members	\$116,018	\$156,153	\$48,648	\$1,216,061	\$24,642,882	\$1,382,640	\$30,272,298	\$1,382,640	\$1,382,640	\$24,642,882	\$1,216,061	\$48,648	\$156,153	\$116,018	
b. Noncontributing Members	50,984	23,974	29,977	41,616	907,515	412,663	7,076,758	7,076,758	412,663	907,515	41,616	29,977	23,974	50,984	
c. Annuitants	410,720	0	65,689	323,679	19,169,210	774,593	42,356,111	42,356,111	774,593	19,169,210	323,679	65,689	0	410,720	
2. Total Actuarial Acrued Liability	\$577,722	\$180,127	\$144,314	\$1,581,356	\$44,719,607	\$2,569,896	\$79,705,167	\$79,705,167	\$2,569,896	\$44,719,607	\$1,581,356	\$144,314	\$180,127	\$577,722	
3. Actuarial value of assets	477,540	131,231	97,530	1,725,425	41,404,664	2,593,965	82,267,239	82,267,239	2,593,965	41,404,664	1,725,425	97,530	131,231	477,540	
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$100,182	\$48,896	\$46,784	(\$144,069)	\$3,314,943	(\$24,069)	(\$2,562,072)	(\$2,562,072)	(\$24,069)	\$3,314,943	(\$144,069)	\$46,784	\$48,896	\$100,182	
5. Funded Ratio: (3) / (2)	82.7%	72.9%	67.6%	109.1%	92.6%	100.9%	103.2%	103.2%	100.9%	92.6%	109.1%	67.6%	72.9%	82.7%	
6. Annual Payroll	\$281,144	\$127,288	\$137,834	\$887,652	\$12,082,873	\$897,951	\$14,439,595	\$14,439,595	\$897,951	\$12,082,873	\$887,652	\$137,834	\$127,288	\$281,144	
CITY CONTRIBUTION RATES FOR 2012															
Retirement															
Normal Cost	4.82%	3.84%	1.95%	4.56%	9.19%	8.07%	6.84%	6.84%	8.07%	9.19%	4.56%	1.95%	3.84%	4.82%	
Prior Service	2.41%	2.70%	2.34%	-1.02%	1.63%	-0.17%	-1.12%	-1.12%	-0.17%	1.63%	-1.02%	2.34%	2.70%	2.41%	
Total Retirement	7.23%	6.54%	4.29%	3.54%	10.82%	7.90%	5.72%	5.72%	7.90%	10.82%	3.54%	4.29%	6.54%	7.23%	
Supplemental Death	0.20%	0.22%	0.32%	0.17%	0.19%	0.00%	0.00%	0.00%	0.16%	0.19%	0.17%	0.32%	0.22%	0.20%	
Total Rate	7.43%	6.76%	4.61%	3.71%	11.01%	8.06%	5.72%	5.72%	8.06%	11.01%	3.71%	4.61%	6.76%	7.43%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	4.84%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	9.50%	11.50%	12.50%	N/A	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	22.3 years	21.0 years	21.6 years	25.1 years	27.6 years	24.7 years	24.9 years	24.9 years	24.7 years	27.6 years	25.1 years	21.6 years	21.0 years	22.3 years	
Number of annuitants	3	0	1	7	128	9	149	149	9	128	7	1	0	3	
Number of active contributing members	10	359	7	25	62	26	241	241	26	62	359	7	359	10	
Number of inactive members	3	1	2	7	43.0 years	41.2 years	41.4 years	41.4 years	41.2 years	43.0 years	7	2	1	3	
Average age of contributing members	47.4 years	53.9 years	53.7 years	43.8 years	10.2 years	7.4 years	11.2 years	11.2 years	7.4 years	10.2 years	43.8 years	53.7 years	53.9 years	47.4 years	
Average length of service of contributing members	2.7 years	20.1 years	4.4 years	9.0 years	10.2 years	7.4 years	11.2 years	11.2 years	7.4 years	10.2 years	9.0 years	4.4 years	20.1 years	2.7 years	

Actuarial Valuation of Participating Municipalities

CONTINUED

	Eastland	Ector	Eden	Edgewood	Edinburg	Edna	El Campo
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,618,833	\$59,209	\$307,595	\$73,927	\$48,197,952	\$3,162,613	\$9,509,723
b. Noncontributing Members	232,708	3,611	164,536	68,088	5,870,738	352,294	2,170,923
c. Annuitants	696,207	21,169	583,957	80,004	20,745,586	1,715,220	7,168,052
2. Total Actuarial Accrued Liability	\$2,547,748	\$83,989	\$1,056,088	\$222,019	\$74,814,276	\$5,230,127	\$18,848,698
3. Actuarial value of assets	2,135,947	91,242	935,914	168,824	52,756,346	3,991,408	16,369,313
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$411,801	(\$7,253)	\$120,174	\$53,195	\$22,057,930	\$1,238,719	\$2,479,385
5. Funded Ratio: (3) / (2)	83.8%	108.6%	88.6%	76.0%	70.5%	76.3%	86.8%
6. Annual Payroll	\$1,187,904	\$91,328	\$538,903	\$207,110	\$24,766,397	\$1,633,536	\$4,624,571
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.27%	2.90%	2.96%	1.47%	9.11%	8.41%	7.26%
Prior Service	2.07%	-0.50%	1.35%	1.74%	5.33%	4.54%	3.22%
Total Retirement	9.34%	2.40%	4.31%	3.21%	14.44%	12.95%	10.48%
Supplemental Death	0.00%	0.36%	0.23%	0.21%	0.13%	0.19%	0.22%
Total Rate	9.34%	2.76%	4.54%	3.42%	14.57%	13.14%	10.70%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	8.65%	N/A	N/A	N/A	13.05%	12.69%	10.68%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	7.50%	N/A	13.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	25.0 years	26.7 years	22.2 years	27.3 years	27.2 years	27.1 years
Number of active contributing members	10	1	9	5	126	20	46
Number of inactive members	34	2	17	7	642	42	102
Average age of contributing members	26	1	10	5	191	21	44
Average length of service of contributing members	45.8 years	59.4 years	49.9 years	49.4 years	40.9 years	42.5 years	43.7 years
	7.8 years	10.2 years	7.7 years	4.9 years	8.2 years	10.8 years	13.1 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,255,638	\$801,391	\$3,652,452	\$174,369	\$40,877	\$607,211	\$31,917,597
b. Noncontributing Members	77,954	235,895	924,827	241,567	15,508	60,993	2,357,770
c. Annuitants	318,975	524,943	822,671	133,887	0	11,848,842	11,848,842
2. Total Actuarial Accrued Liability	\$1,652,567	\$1,562,229	\$5,399,950	\$549,823	\$56,385	\$681,381	\$46,124,209
3. Actuarial value of assets	1,372,179	1,398,339	4,307,845	429,537	45,683	716,459	37,168,432
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$280,388	\$163,890	\$1,092,105	\$120,286	\$10,702	(\$35,078)	\$8,955,777
5. Funded Ratio: (3) / (2)	83.0%	89.5%	79.8%	78.1%	81.0%	105.1%	80.6%
6. Annual Payroll	\$531,326	\$1,017,114	\$2,606,766	\$272,178	\$197,758	\$697,175	\$8,570,344
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.09%	1.77%	7.85%	3.67%	0.91%	4.10%	13.71%
Prior Service	3.15%	2.89%	2.50%	2.66%	0.33%	-0.32%	6.27%
Total Retirement	10.24%	4.66%	10.35%	6.33%	1.24%	3.78%	19.98%
Supplemental Death	0.29%	0.27%	0.19%	0.00%	0.41%	0.28%	0.22%
Total Rate	10.53%	4.93%	10.54%	6.33%	1.65%	4.06%	20.20%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	10.18%	N/A	9.31%	N/A	N/A	N/A	18.45%
Statutory Maximum Rate (Total Retirement Only)	10.50%	7.50%	12.50%	N/A	N/A	11.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	21.3 years	27.4 years	27.0 years	26.4 years	24.6 years	27.1 years
Number of active contributing members	6	13	10	1	0	1	83
Number of inactive members	18	32	63	8	5	19	170
Average age of contributing members	7	33	41	5	3	3	33
Average length of service of contributing members	40.3 years	42.3 years	46.7 years	47.7 years	47.4 years	54.4 years	45.4 years
	8.5 years	8.3 years	8.3 years	7.1 years	4.3 years	10.2 years	13.7 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Entess	Estace	Everman	Fair Oaks Ranch	Fairfield	Fairview	Fallurrias
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$81,204,499	\$132,290	\$2,884,465	\$2,064,479	\$1,210,286	\$2,127,802	\$736,680
b. Noncontributing Members	10,335,064	34,097	368,808	571,864	484,677	342,994	69,689
c. Annuitants	42,766,311	172,662	800,419	234,967	1,917,381	136,776	120,623
2. Total Actuarial Acrued Liability	\$134,305,874	\$339,049	\$4,053,692	\$2,871,310	\$3,612,344	\$2,607,572	\$926,992
3. Actuarial value of assets	111,425,190	398,732	3,408,432	2,380,136	4,040,042	1,753,905	910,607
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$22,880,684	(\$59,683)	\$645,260	\$491,174	(\$427,698)	\$853,667	\$16,385
5. Funded Ratio: (3) / (2)	83.0%	117.6%	84.1%	82.9%	111.8%	67.3%	98.2%
6. Annual Payroll	\$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	0.00%	0.16%	0.22%	0.15%	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							
Number of annuitants	27.2 years	25.0 years	27.5 years	27.3 years	25.1 years	23.0 years	16.7 years
Number of active contributing members	137	5	13	4	17	3	4
Number of inactive members	359	9	39	37	41	44	29
Average age of contributing members	142	8	34	41.8 years	26	17	9
Average length of service of contributing members	43.9 years	40.2 years	44.6 years	41.8 years	43.9 years	43.6 years	48.4 years
	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 Acrued Liability							
a. Contributing Members	\$440,407	\$39,329	\$87,741,915	\$1,337,854	\$318,367	\$515,313	\$21,236
b. Noncontributing Members	54,358	71,092	24,326,028	543,435	42,876	171,976	0
c. Annuitants	237,440	54,139	78,689,125	2,093,593	586,179	117,891	37,148
2. Total Actuarial Acrued Liability	\$732,205	\$164,560	\$190,757,068	\$3,974,882	\$947,422	\$808,180	\$58,384
3. Actuarial value of assets	\$744,453	84,035	158,506,492	3,080,459	668,192	381,143	71,383
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$157,752	\$80,525	\$32,250,576	\$894,423	\$279,230	\$424,037	(\$12,999)
5. Funded Ratio: (3) / (2)	78.5%	51.1%	83.1%	77.5%	70.5%	47.3%	122.3%
6. Annual Payroll	\$390,627	\$97,887	\$28,788,818	\$906,413	\$200,020	\$711,449	\$45,079
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	1.63%	3.95%	12.43%	6.10%	7.54%	1.31%	1.41%
Prior Service	2.78%	4.94%	6.71%	5.93%	8.39%	4.00%	-1.41%
Total Retirement	4.41%	8.89%	19.14%	12.03%	15.93%	5.31%	0.00%
Supplemental Death	0.25%	0.12%	0.12%	0.22%	0.10%	0.11%	0.00%
Total Rate	4.66%	9.14%	19.26%	12.25%	16.03%	5.42%	0.00%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	18.59%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.6 years	27.1 years	27.2 years	27.1 years	27.1 years	22.5 years	41.1 years
Number of active contributing members	4	1	220	16	2	2	1
Number of inactive members	11	4	408	21	7	16	1
Average age of contributing members	8	6	191	9	4	14	0
Average length of service of contributing members	49.5 years	49.6 years	42.4 years	46.4 years	37.9 years	40.0 years	45.5 years
	13.9 years	3.5 years	12.3 years	9.6 years	7.8 years	9.5 years	7.3 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Friendswood	Frisco	Fritch	Frost	Fulshear	Gainesville
SUMMARY OF ACTUARIAL INFORMATION						
1. Actuarial Acrued Liability						
a. Contributing Members	\$2,097,043	\$84,940,050	\$608,443	\$80,072	\$98,165	\$16,665,481
b. Noncontributing Members	373,952	8,298,724	70,392	4,568	0	2,627,104
c. Annuitants	1,104,044	7,285,065	252,021	143,796	0	11,364,068
2. Total Actuarial Acrued Liability	\$3,575,039	\$100,523,839	\$930,856	\$228,436	\$98,165	\$30,656,653
3. Actuarial value of assets	2,881,388	69,546,617	1,315,774	209,941	7,947	23,691,433
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$693,651	\$30,977,222	(\$384,918)	\$18,495	\$90,218	\$6,965,220
5. Funded Ratio: (3) / (2)	80.6%	69.2%	141.4%	91.9%	8.1%	77.3%
6. Annual Payroll	\$11,761,406	\$50,699,639	\$847,415	\$131,965	\$529,462	\$9,911,413
CITY CONTRIBUTION RATES FOR 2012						
Retirement						
Normal Cost	9.17%	9.20%	5.82%	2.55%	0.00%	6.01%
Prior Service	4.26%	3.65%	-2.86%	0.85%	1.12%	4.22%
Total Retirement	13.43%	12.85%	2.96%	3.40%	1.12%	10.23%
Supplemental Death	0.17%	0.10%	0.18%	0.00%	0.12%	0.20%
Total Rate	13.60%	12.95%	3.14%	3.40%	1.24%	10.43%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	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						
Number of annuitants	66	27.3 years	25.0 years	26.6 years	23.3 years	27.1 years
Number of active contributing members	202	50	6	1	0	95
Number of inactive members	82	806	23	4	13	214
Average age of contributing members	42.6 years	258	15	1	0	88
Average length of service of contributing members	10.8 years	40.1 years	40.7 years	46.0 years	39.6 years	43.1 years
		8.5 years	3.8 years	7.7 years	3.9 years	10.7 years
SUMMARY OF ACTUARIAL INFORMATION						
1. Actuarial Acrued Liability						
a. Contributing Members	\$6,229,292	\$961,493	\$358,768,063	\$910,743	\$44,952	\$6,213,545
b. Noncontributing Members	1,346,278	228,560	32,576,939	258,808	3,030	681,895
c. Annuitants	6,747,596	275,827	264,672,660	69,079	241,564	4,392,284
2. Total Actuarial Acrued Liability	\$14,323,166	\$1,465,880	\$656,017,662	\$1,238,630	\$289,546	\$11,287,724
3. Actuarial value of assets	11,383,189	991,024	621,330,352	1,106,303	211,015	8,661,028
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$2,939,977	\$474,856	\$34,687,310	\$132,327	\$78,531	\$2,626,696
5. Funded Ratio: (3) / (2)	79.5%	67.6%	94.7%	89.3%	72.9%	76.7%
6. Annual Payroll	\$3,143,453	\$1,192,823	\$126,980,250	\$297,070	\$130,439	\$2,784,620
CITY CONTRIBUTION RATES FOR 2012						
Retirement						
Normal Cost	9.17%	2.51%	10.25%	12.96%	2.67%	10.04%
Prior Service	5.60%	2.67%	1.65%	2.65%	3.59%	5.65%
Total Retirement	14.77%	5.18%	11.90%	15.61%	6.26%	15.69%
Supplemental Death	0.27%	0.14%	0.17%	0.38%	0.00%	0.23%
Total Rate	15.04%	5.32%	12.07%	15.99%	6.26%	15.92%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	14.78%	N/A	N/A	N/A	N/A	14.84%
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	N/A	7.50%	N/A
ADDITIONAL INFORMATION						
GASB 25 Equivalent Single Amortization Period as of 1/2012						
Number of annuitants	27.2 years	22.5 years	26.8 years	27.5 years	27.4 years	27.2 years
Number of active contributing members	48	4	984	2	3	36
Number of inactive members	73	25	1,980	8	70	21
Average age of contributing members	41.6 years	44.1 years	44.0 years	51.2 years	39.7 years	43.7 years
Average length of service of contributing members	9.3 years	12.0 years	12.7 years	13.1 years	4.6 years	10.1 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	George West	Georgetown	Giddings	Gilmer	Gladewater	Glen Rose	Glenn Heights
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$519,307	\$47,680,743	\$4,856,475	\$3,668,190	\$1,840,628	\$1,636,537	\$2,350,804
b. Noncontributing Members	29,452	5,578,442	587,677	588,738	1,338,911	183,747	1,363,189
c. Annuitants	174,986	13,153,082	4,160,554	1,804,096	1,262,106	724,954	1,169,677
2. Total Actuarial Acrued Liability	\$723,745	\$66,412,667	\$9,604,706	\$6,061,024	\$4,441,645	\$2,545,238	\$4,883,670
3. Actuarial value of assets	418,640	54,329,259	6,518,911	4,489,791	4,290,304	1,898,608	4,982,586
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$305,105	\$12,083,008	\$3,085,795	\$1,571,233	\$151,341	\$646,630	(\$98,916)
5. Funded Ratio: (3) / (2)	57.8%	81.8%	67.9%	74.1%	96.6%	74.6%	102.0%
6. Annual Payroll	\$919,167	\$26,585,752	\$2,372,439	\$1,841,964	\$1,856,960	\$885,013	\$2,886,900
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.91%	8.99%	9.25%	8.50%	2.95%	11.02%	3.32%
Prior Service	2.27%	2.73%	7.79%	5.12%	0.49%	4.41%	-0.22%
Total Retirement	3.18%	11.72%	17.04%	13.62%	3.44%	15.43%	3.10%
Supplemental Death	0.13%	0.12%	0.17%	0.23%	0.18%	0.29%	0.14%
Total Rate	3.31%	11.84%	17.21%	13.85%	3.62%	15.72%	3.24%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	15.51%	N/A	N/A	14.76%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	N/A	N/A	7.50%	N/A	12.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.9 years	27.1 years	27.2 years	27.1 years	27.0 years	26.9 years	24.2 years
Number of active contributing members	3	92	23	17	23	9	19
Number of inactive members	31	475	66	50	55	22	65
Average age of contributing members	15	143	34	33	54	5	72
Average length of service of contributing members	43.8 years	41.4 years	43.4 years	46.9 years	41.8 years	43.9 years	41.7 years
	7.1 years	8.3 years	9.3 years	11.6 years	7.8 years	7.3 years	6.7 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$93,361	\$75,450	\$1,550,309	\$868,251	\$5,362,111	\$19,950	\$5,585,405
b. Noncontributing Members	30,038	68,231	235,669	55,209	1,570,131	1,995	952,236
c. Annuitants	\$260,088	0	2,460,289	514,624	5,059,965	0	6,320,427
2. Total Actuarial Acrued Liability	201,222	\$143,681	\$4,246,267	\$1,438,084	\$11,992,207	\$21,945	\$12,858,068
3. Actuarial value of assets	\$58,866	\$139,607	2,960,561	1,561,138	9,220,689	22,023	10,278,161
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	77.4%	\$4,074	\$1,285,706	(\$123,054)	\$2,771,518	(\$78)	\$2,579,907
5. Funded Ratio: (3) / (2)	77.4%	97.2%	69.7%	108.6%	76.9%	100.4%	79.9%
6. Annual Payroll	\$360,253	\$117,526	\$549,909	\$444,626	\$3,228,197	\$102,850	\$3,274,148
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.62%	2.23%	13.29%	6.67%	6.76%	1.64%	8.41%
Prior Service	1.12%	0.23%	14.04%	-1.74%	5.15%	0.00%	4.73%
Total Retirement	1.74%	2.46%	27.33%	4.93%	11.91%	1.64%	13.14%
Supplemental Death	0.15%	0.24%	0.20%	0.29%	0.21%	0.14%	0.31%
Total Rate	1.89%	2.70%	27.53%	5.22%	12.12%	1.78%	13.45%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	25.77%	N/A	11.77%	N/A	12.82%
Statutory Maximum Rate (Total Retirement Only)	8.50%	7.50%	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.8 years	22.9 years	27.1 years	25.0 years	27.1 years	0.0 years	27.1 years
Number of active contributing members	4	0	6	5	37	0	51
Number of inactive members	11	4	12	13	90	3	85
Average age of contributing members	9	1	3	6	54	3	31
Average length of service of contributing members	41.9 years	51.1 years	46.6 years	49.1 years	43.3 years	48.6 years	46.8 years
	3.3 years	9.2 years	11.2 years	12.4 years	10.0 years	2.6 years	9.1 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Graham Regional Med Cntr	Granbury	Grand Prairie	Grand Saline	Grandview	Granger	Granite Shoals
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$8,596,173	\$13,869,597	\$215,864,246	\$1,478,389	\$367,328	\$157,332	\$343,785
a. Contributing Members	1,871,515	3,869,474	26,709,272	204,841	204,030	204,305	137,243
b. Noncontributing Members	2,322,107	7,272,319	122,853,148	334,741	333,314	14,910	17,532
c. Annuitants	\$12,789,795	\$25,011,390	\$365,426,666	\$2,017,971	\$904,672	\$289,547	\$498,560
2. Total Actuarial Acrued Liability	14,729,010	18,646,410	299,459,271	1,763,038	970,442	339,151	487,178
3. Actuarial value of assets	(\$1,939,215)	\$6,364,980	\$65,967,395	\$254,933	(\$65,770)	(\$49,604)	\$11,382
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	115.2%	74.6%	81.9%	87.4%	107.3%	117.1%	97.7%
5. Funded Ratio: (3) / (2)	\$8,507,538	\$6,593,119	\$67,598,356	\$1,095,961	\$577,996	\$326,834	\$1,103,902
6. Annual Payroll							
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	0.19%	0.16%	0.16%	0.20%	0.00%	0.00%	0.10%
Total Rate	2.73%	16.42%	18.07%	5.49%	2.51%	0.77%	0.69%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	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
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	25.1 years	27.2 years	27.1 years	26.7 years	24.8 years	24.8 years	18.1 years
Number of active contributing members	38	48	451	10	6	2	1
Number of inactive members	196	138	1,104	30	14	9	28
Average age of contributing members	45.7 years	63	344	15	17	8	23
Average length of service of contributing members	7.8 years	9.0 years	12.7 years	44.0 years	41.5 years	50.5 years	42.6 years
				9.6 years	7.5 years	6.4 years	4.4 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$253,940	\$108,218,078	\$44,029,235	\$34,694	\$3,675,362	\$813,729	\$74,253
a. Contributing Members	53,530	13,561,998	6,768,004	109,550	1,559,501	15,099	3,002
b. Noncontributing Members	340,389	53,458,365	28,426,453	140,944	3,136,541	125,982	135,069
c. Annuitants	\$647,859	\$175,238,441	\$79,223,692	\$285,188	\$8,371,404	\$954,810	\$212,324
2. Total Actuarial Acrued Liability	463,637	131,269,476	73,985,918	326,348	6,823,614	697,963	216,984
3. Actuarial value of assets	\$184,222	\$43,968,965	\$5,237,774	(\$41,160)	\$1,547,790	\$256,847	(\$4,660)
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	71.6%	74.9%	93.4%	114.4%	81.5%	73.1%	102.2%
5. Funded Ratio: (3) / (2)	\$354,917	\$36,731,284	\$16,258,705	\$226,714	\$1,655,429	\$1,268,627	\$127,262
6. Annual Payroll							
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	0.00%	0.00%	0.19%	0.11%	0.18%	0.25%	0.00%
Total Rate	5.91%	19.25%	11.65%	2.02%	17.44%	2.33%	3.13%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	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%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	27.2 years	27.0 years	25.1 years	27.2 years	22.0 years	25.1 years
Number of active contributing members	6	202	172	1	12	7	4
Number of inactive members	13	541	333	6	29	36	4
Average age of contributing members	4	200	120	6	8	10	3
Average length of service of contributing members	51.1 years	45.2 years	44.8 years	36.3 years	46.2 years	47.8 years	54.6 years
	7.4 years	12.5 years	11.8 years	1.9 years	9.2 years	10.0 years	5.9 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Groves	Growlton	Gruver	Gun Barrel City	Gunter	Hale Center	Hallettsville
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability	\$15,404,567	\$73,073	\$211,556	\$910,416	\$49,309	\$83,746	\$2,868,658
a. Contributing Members	1,696,828	270	199,450	503,923	2,132	66,442	458,193
b. Noncontributing Members	12,015,692	31,671	478,835	390,037	60,353	1,340,565	1,340,565
c. Annuitants	\$29,117,087	\$105,014	\$889,841	\$1,804,376	\$111,794	\$212,347	\$4,667,416
2. Total Actuarial Accrued Liability	27,386,285	108,367	840,530	1,728,274	153,439	115,885	3,848,860
3. Actuarial value of assets	\$1,730,802	(\$3,353)	\$49,311	\$76,102	(\$41,645)	\$96,462	\$818,556
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	94.1%	103.2%	94.5%	95.8%	137.3%	54.6%	82.5%
5. Funded Ratio: (3) / (2)	\$6,032,138	\$159,697	\$252,100	\$1,587,403	\$367,551	\$328,944	\$1,181,266
6. Annual Payroll							
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%
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							
Number of annuitants	26.1 years	25.7 years	22.9 years	23.9 years	25.2 years	22.0 years	27.0 years
Number of active contributing members	70	2	3	11	2	1	17
Number of inactive members	99	6	7	45	10	10	35
Average age of contributing members	24	1	5	23	4	10	16
Average length of service of contributing members	43.7 years	48.5 years	37.0 years	44.2 years	41.9 years	40.6 years	47.4 years
	14.9 years	6.4 years	5.6 years	6.3 years	1.9 years	5.3 years	14.5 years

	Hallsville	Haltom City	Hamilton	Hamlin	Happy	Harcker Heights	Harlingen
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability	\$251,410	\$38,793,830	\$1,543,350	\$616,095	\$49,095	\$20,855,356	\$31,720,939
a. Contributing Members	21,494	9,003,096	247,631	402,511	79,861	2,863,550	7,568,502
b. Noncontributing Members	272,493	31,654,638	1,227,444	1,468,958	372,809	2,220,619	29,573,985
c. Annuitants	\$545,597	\$79,451,564	\$3,018,425	\$2,487,564	\$501,765	\$25,939,525	\$68,863,426
2. Total Actuarial Accrued Liability	297,387	38,206,864	2,118,022	2,235,998	399,805	17,265,452	67,577,615
3. Actuarial value of assets	\$248,010	\$21,244,700	\$900,403	\$251,966	\$101,960	\$8,674,073	\$1,285,811
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	54.5%	73.3%	70.2%	89.9%	79.7%	66.6%	98.1%
5. Funded Ratio: (3) / (2)	\$488,907	\$15,446,529	\$641,944	\$439,629	\$91,364	\$9,521,985	\$13,462,183
6. Annual Payroll							
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%	13.58%	5.47%	0.89%
Total Retirement	4.08%	19.50%	19.84%	11.86%	20.45%	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%	20.82%	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							
Number of annuitants	26.4 years	27.2 years	27.5 years	27.7 years	27.0 years	27.1 years	19.1 years
Number of active contributing members	3	135	18	13	3	29	247
Number of inactive members	13	282	18	15	3	198	332
Average age of contributing members	5	129	7	10	1	106	113
Average length of service of contributing members	41.8 years	42.3 years	49.8 years	41.9 years	45.8 years	40.1 years	45.1 years
	7.2 years	11.0 years	11.0 years	7.2 years	3.8 years	10.2 years	13.0 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Harrington Waterworks	Hart	Haskell	Hastet	Hawkins	Hays	Hearne
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$7,314,537	\$69,618	\$707,303	\$876,091	\$723,672	\$3,260	\$2,254,175
a. Contributing Members	2,242,793	3,554	96,050	348,507	18,720	0	936,095
b. Noncontributing Members	7,660,062	63,073	287,410	22,323	218,071	105,737	2,186,796
c. Annuitants	\$17,217,392	\$136,245	\$1,090,763	\$1,246,921	\$960,463	\$108,997	\$5,377,066
2. Total Actuarial Acrued Liability	18,117,479	67,510	1,393,340	1,035,939	1,091,963	127,230	3,573,552
3. Actuarial value of assets	(\$900,087)	\$68,735	(\$302,577)	\$210,982	(\$131,500)	(\$18,233)	\$1,803,514
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	105.2%	49.6%	127.7%	83.1%	113.7%	116.7%	66.5%
5. Funded Ratio: (3) / (2)	\$5,194,426	\$127,237	\$507,650	\$691,128	\$363,780	\$26,133	\$1,914,869
6. Annual Payroll							
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%	13.90%
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%	14.06%
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							
Number of annuitants	25.0 years	22.0 years	58.7 years	21.5 years	24.9 years	25.0 years	27.7 years
Number of active contributing members	74	2	7	1	9	2	22
Number of inactive members	130	4	17	15	11	1	57
Average age of contributing members	44	2	4	11	4	0	34
Average length of service of contributing members	46.2 years	41.1 years	46.4 years	35.8 years	47.0 years	61.1 years	40.9 years
	10.6 years	7.8 years	9.5 years	9.1 years	12.6 years	1.3 years	5.9 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$3,717,196	\$1,240	\$2,422,717	\$1,817,337	\$940,276	\$3,173,066	\$11,367,177
a. Contributing Members	835,582	73,908	287,659	287,154	133,110	367,611	1,448,857
b. Noncontributing Members	879,735	24,861	426,707	419,942	221,005	3,760,074	7,776,878
c. Annuitants	\$5,432,513	\$100,009	\$3,137,083	\$2,524,433	\$1,294,391	\$7,300,751	\$20,592,912
2. Total Actuarial Acrued Liability	4,190,126	118,717	2,684,856	2,284,728	1,506,566	6,160,064	15,646,812
3. Actuarial value of assets	\$1,242,387	(\$18,708)	\$452,227	\$239,705	(\$312,175)	\$1,140,687	\$4,946,100
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	77.1%	118.7%	85.6%	90.5%	116.4%	84.4%	76.0%
5. Funded Ratio: (3) / (2)	\$2,714,715	\$47,740	\$1,711,642	\$2,021,344	\$902,923	\$2,108,676	\$5,123,536
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.58%	1.60%	5.27%	2.57%	3.05%	6.15%	9.84%
Prior Service	3.12%	-1.60%	1.80%	0.78%	-1.48%	3.27%	5.80%
Total Retirement	8.70%	0.00%	7.07%	3.35%	1.57%	9.42%	15.64%
Supplemental Death	0.29%	0.29%	0.20%	0.28%	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	14.52%
Statutory Maximum Rate (Total Retirement Only)	13.50%	11.50%	N/A	12.50%	7.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.0 years	77.1 years	22.0 years	23.3 years	25.0 years	26.8 years	27.1 years
Number of active contributing members	8	1	4	6	3	18	50
Number of inactive members	38	3	29	48	22	52	117
Average age of contributing members	30	2	7	16	6	28	47
Average length of service of contributing members	42.2 years	39.5 years	48.6 years	40.0 years	52.4 years	43.7 years	38.8 years
	10.7 years	0.4 years	12.3 years	9.7 years	11.0 years	8.6 years	9.3 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Henrietta	Hereford	Hewitt	Hickory Creek	Hitco	Hidalgo	Higgins
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$709,875	\$7,414,195	\$6,693,382	\$996,045	\$293,142	\$8,220,041	\$138,928
b. Noncontributing Members	261,441	2,321,502	966,503	168,782	344,543	725,748	0
c. Annuitants	1,068,970	4,468,563	2,943,217	36,039	68,072	598,715	72,468
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)	\$711,630	\$2,523,611	\$2,879,136	\$112,684	\$42,261	\$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	\$283,721	\$5,319,167	\$63,580
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.59%	8.02%	8.95%	5.59%	6.69%	9.32%	7.61%
Prior Service	6.58%	3.86%	5.42%	0.61%	0.89%	1.91%	-0.21%
Total Retirement	14.17%	11.88%	14.37%	6.20%	7.58%	11.23%	7.40%
Supplemental Death	0.19%	0.18%	0.12%	0.10%	0.44%	0.00%	0.25%
Total Rate	14.36%	12.06%	14.49%	6.30%	8.02%	11.23%	7.65%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	11.26%	13.32%	N/A	7.99%	10.07%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	13.50%	11.50%	11.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	27.2 years	27.1 years	28.3 years	27.0 years	27.5 years	24.7 years
Number of active contributing members	10	29	16	3	3	10	1
Number of inactive members	18	93	80	22	10	140	2
Average age of contributing members	16	33	45	18	7	64	0
Average length of service of contributing members	45.5 years	41.9 years	39.1 years	40.0 years	56.1 years	42.7 years	56.0 years
	6.2 years	10.5 years	8.6 years	7.4 years	7.2 years	7.7 years	18.2 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$28,642,169	\$14,569,127	\$555,988	\$6,770,536	\$1,209,205	\$274,059	\$191,760
b. Noncontributing Members	4,415,280	2,670,804	325,095	2,312,738	443,676	78,704	68,320
c. Annuitants	20,417,322	3,007,779	178,449	3,214,540	511,872	24,397	0
2. Total Actuarial Accrued Liability	\$53,474,771	\$20,247,710	\$1,059,532	\$12,297,814	\$2,164,753	\$377,160	\$260,080
3. Actuarial value of assets	\$5,545,786	15,965,506	1,062,600	9,225,141	2,361,307	278,804	311,188
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$2,071,015)	\$4,282,204	(\$3,068)	\$3,072,673	(\$196,554)	\$98,356	(\$51,108)
5. Funded Ratio: (3) / (2)	103.9%	78.9%	100.3%	75.0%	109.1%	73.9%	119.7%
6. Annual Payroll	\$10,297,757	\$7,906,959	\$625,748	\$4,134,035	\$1,353,433	\$232,548	\$348,665
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.49%	8.87%	2.34%	8.02%	1.85%	3.36%	1.94%
Prior Service	-1.27%	3.25%	-0.03%	-0.91%	-0.91%	2.87%	-0.92%
Total Retirement	6.22%	12.12%	2.31%	7.11%	0.94%	6.23%	1.02%
Supplemental Death	0.00%	0.14%	0.12%	0.00%	0.15%	0.19%	0.00%
Total Rate	6.22%	12.26%	2.43%	7.11%	1.09%	6.42%	1.02%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	11.86%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	13.50%	11.50%	11.50%	7.50%	10.50%	9.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	24.9 years	27.1 years	26.2 years	27.2 years	25.2 years	22.1 years	25.1 years
Number of active contributing members	78	30	3	40	7	1	0
Number of inactive members	120	132	14	104	40	7	10
Average age of contributing members	31	72	12	65	42	3	8
Average length of service of contributing members	44.9 years	43.4 years	41.2 years	42.4 years	44.4 years	48.3 years	41.3 years
	15.2 years	10.2 years	10.8 years	9.4 years	8.7 years	13.3 years	7.0 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Hollywood Park	Hondo	Honey Grove	Hooks	Howe	Hubbard	Hudson
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,585,340	\$3,688,408	\$593,988	\$222,937	\$668,272	\$194,679	\$237,985
b. Noncontributing Members	\$21,955	1,165,622	96,450	242,392	10,681	10,681	7,083
c. Annuitants	1,014,224	5,373,362	162,609	242,450	235,468	9,012	0
2. Total Actuarial Acrued Liability	\$3,121,519	\$10,227,392	\$853,047	\$627,779	\$1,214,145	\$214,372	\$245,068
3. Actuarial value of assets	2,593,415	8,606,192	741,275	(\$42,562)	1,254,084	670,341	298,715
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$528,104	\$1,621,200	\$111,772	106.8%	(\$39,939)	(\$3,467)	(\$53,647)
5. Funded Ratio: (3) / (2)	83.1%	84.1%	86.9%	106.8%	103.3%	101.6%	121.9%
6. Annual Payroll	\$1,320,544	\$3,290,532	\$367,202	\$463,282	\$536,062	\$384,834	\$579,439
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.68%	6.50%	6.43%	1.24%	6.08%	1.00%	1.08%
Prior Service	2.41%	2.97%	1.83%	-0.58%	-0.47%	-0.06%	-0.58%
Total Retirement	8.09%	9.47%	8.26%	0.66%	5.61%	0.94%	0.50%
Supplemental Death	0.14%	0.17%	0.17%	0.24%	0.23%	0.16%	0.14%
Total Rate	8.23%	9.64%	8.43%	0.90%	5.84%	1.10%	0.64%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	7.71%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	10.50%	11.50%	9.50%	7.50%	11.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	26.9 years	26.9 years	27.0 years	24.9 years	24.9 years	22.8 years	25.2 years
Number of active contributing members	10	37	3	4	7	2	0
Number of inactive members	31	104	10	14	13	12	17
Average age of contributing members	20	55	8	7	16	3	6
Average length of service of contributing members	39.8 years	42.3 years	43.6 years	43.0 years	44.0 years	44.3 years	40.6 years
	8.3 years	6.9 years	9.9 years	6.6 years	8.3 years	8.0 years	5.3 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$803,381	\$1,876,221	\$28,458,730	\$433,436	\$1,555,147	\$23,036,774	\$55,164,925
b. Noncontributing Members	368,852	121,343	1,877,837	88,676	236,655	5,996,833	9,496,367
c. Annuitants	125,149	344,836	14,144,934	404,739	678,840	23,290,477	46,044,854
2. Total Actuarial Acrued Liability	\$1,297,382	\$2,342,400	\$44,481,501	\$926,851	\$2,470,642	\$52,324,084	\$110,706,146
3. Actuarial value of assets	1,182,771	2,271,604	\$7,208,688	\$64,294	1,758,875	44,443,575	103,261,783
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$114,611	\$70,796	\$7,272,813	\$362,557	\$711,767	\$7,880,509	\$7,444,363
5. Funded Ratio: (3) / (2)	91.2%	97.0%	83.6%	60.9%	71.2%	84.9%	93.3%
6. Annual Payroll	\$1,016,265	\$541,494	\$11,521,137	\$398,188	\$661,450	\$12,513,516	\$21,329,263
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	4.80%	14.95%	10.88%	3.05%	12.80%	6.52%	9.03%
Prior Service	0.75%	0.78%	3.79%	6.12%	6.44%	3.97%	2.29%
Total Retirement	5.55%	15.73%	14.67%	9.17%	19.24%	10.49%	11.32%
Supplemental Death	0.08%	0.19%	0.14%	0.32%	0.21%	0.15%	0.00%
Total Rate	5.63%	15.92%	14.81%	9.49%	19.45%	10.64%	11.32%
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%	N/A	N/A	13.50%	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.9 years	27.4 years	27.1 years	22.5 years	27.3 years	24.9 years	23.4 years
Number of active contributing members	5	4	65	5	7	130	179
Number of inactive members	23	14	187	8	15	266	334
Average age of contributing members	18	1	31	3	9	105	134
Average length of service of contributing members	36.5 years	45.9 years	42.4 years	48.5 years	43.6 years	40.6 years	41.4 years
	5.9 years	12.4 years	11.7 years	12.1 years	10.3 years	10.1 years	12.3 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Hutchins	Hutto	Huxley	Idolou	Ingleside	Ingram	Iowa Park
SUMMARY OF ACTUARIAL INFORMATION 1. Actuarial Acrued Liability a. Contributing Members b. Noncontributing Members c. Annuitants 2. Total Actuarial Acrued Liability 3. Actuarial value of assets 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) 5. Funded Ratio: (3) / (2) 6. Annual Payroll	\$2,534,092	\$5,176,914	\$171,498	\$108,721	\$3,067,696	\$412,267	\$3,991,371
	701,143	697,554	89,114	48,052	723,652	61,852	645,321
	393,346	444,061	351,607	0	2,384,919	36,688	507,696
	\$3,628,581	\$6,318,529	\$612,219	\$156,773	\$6,376,267	\$510,807	\$5,144,388
	3,372,364	3,968,170	692,847	109,477	5,083,745	403,938	3,819,498
	\$256,217	\$2,350,359	(\$80,628)	\$47,296	\$1,292,522	\$106,869	\$1,324,890
	92.9%	62.8%	113.2%	69.8%	79.7%	79.1%	74.2%
	\$2,591,241	\$4,498,965	\$298,920	\$467,454	\$2,446,916	\$361,485	\$1,539,346
	4.92%	6.86%	1.08%	1.83%	6.14%	3.73%	10.50%
	0.59%	3.54%	-1.08%	0.69%	3.18%	1.99%	5.18%
5.51%	10.40%	0.00%	2.52%	9.32%	5.72%	15.68%	
0.10%	0.10%	0.32%	0.06%	0.20%	0.00%	0.20%	
3.61%	10.50%	0.32%	2.58%	9.52%	5.72%	15.88%	
N/A	N/A	N/A	N/A	8.93%	N/A	14.38%	
11.50%	N/A	7.50%	N/A	11.50%	9.50%	N/A	
27.4 years	22.2 years	88.4 years	22.0 years	27.0 years	22.4 years	27.0 years	
6	6	5	0	27	2	14	
61	81	9	15	68	11	46	
35	32	9	9	44	7	31	
40.5 years	39.3 years	41.5 years	35.9 years	45.3 years	50.4 years	45.2 years	
7.7 years	7.8 years	8.4 years	2.7 years	8.7 years	12.6 years	10.7 years	
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 Acrued Liability a. Contributing Members b. Noncontributing Members c. Annuitants 2. Total Actuarial Acrued Liability 3. Actuarial value of assets 4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3) 5. Funded Ratio: (3) / (2) 6. Annual Payroll	\$291,001	\$233,860,097	\$85,044	\$707,351	\$3,131,615	\$1,433,073	\$9,330,430
	49,641	40,779,402	147,859	62,638	1,345,597	916,745	1,542,249
	693,450	192,889,905	113,993	401,975	1,810,376	2,766,170	9,386,725
	\$1,034,092	\$467,529,404	\$346,896	\$1,171,964	\$6,287,588	\$5,115,988	\$20,259,404
	792,852	456,207,425	186,339	1,023,911	4,993,064	3,712,678	16,706,611
	\$241,240	\$11,321,979	\$160,557	\$148,053	\$1,294,524	\$1,403,310	\$3,552,793
	76.7%	97.6%	53.7%	87.4%	79.4%	72.6%	82.5%
	\$209,285	\$91,943,280	\$540,830	\$552,309	\$2,535,841	\$1,333,369	\$5,173,200
	8.69%	9.69%	0.00%	9.64%	5.87%	6.47%	7.65%
	6.93%	0.74%	2.05%	1.65%	3.07%	3.07%	4.12%
15.62%	10.43%	2.05%	11.29%	8.94%	12.79%	11.77%	
0.32%	0.15%	0.22%	0.22%	0.23%	0.16%	0.17%	
15.94%	10.58%	2.27%	11.51%	9.17%	12.95%	11.94%	
N/A	N/A	N/A	N/A	8.35%	N/A	N/A	
N/A	N/A	N/A	13.50%	9.50%	13.50%	N/A	
27.0 years	27.1 years	21.5 years	26.0 years	27.0 years	27.1 years	27.1 years	
4	683	3	4	15	15	81	
6	1,380	16	17	55	34	129	
2	415	14	16	33	38	51	
51.3 years	43.0 years	39.9 years	47.1 years	42.7 years	42.2 years	40.6 years	
7.6 years	12.8 years	4.2 years	6.0 years	8.0 years	6.5 years	9.7 years	
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							
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)							
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)							

Actuarial Valuation of Participating Municipalities

CONTINUED

	Jasper	Jefferson	Jersey Village	Jewett	Joaquin	Johnson City	James Creek
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	98,787	2,730,691	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	10,691,782	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%	2.71%	1.34%	0.97%	1.66%
Total Retirement	7.89%	6.56%	14.12%	8.43%	1.37%	6.53%	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%	8.61%	1.57%	6.67%	6.40%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	8.23%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	15.50%	N/A	N/A	9.50%	N/A	9.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
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
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$500,793	\$131,469	\$914,999	\$609,630	\$1,681,597	\$610,117	\$391,209
b. Noncontributing Members	18,833	5,572	391,914	344,971	102,609	246,090	343,148
c. Annuitants	151,149	0	66,406	625,674	1,063,810	133,529	925,130
2. Total Actuarial Accrued Liability	\$670,775	\$137,041	\$1,373,319	\$1,580,275	\$2,848,016	\$989,736	\$1,659,487
3. Actuarial value of assets	470,173	99,087	1,384,794	1,386,092	2,221,696	877,134	1,371,774
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$200,602	\$37,954	(\$11,475)	\$194,183	\$626,320	\$112,602	\$287,713
5. Funded Ratio: (3) / (2)	70.1%	72.3%	100.8%	87.7%	78.0%	88.6%	82.7%
6. Annual Payroll	\$1,066,338	\$167,721	\$1,141,572	\$901,066	\$604,150	\$1,203,064	\$612,675
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%	5.61%
Supplemental Death	0.22%	0.08%	0.09%	0.22%	0.21%	0.00%	0.22%
Total Rate	4.55%	4.95%	2.63%	5.69%	16.33%	2.45%	5.83%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	13.50%	9.50%	N/A	7.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.3 years	0	27.4 years	26.9 years	27.3 years	21.4 years	27.1 years
Number of active contributing members	3	4	4	10	10	3	10
Number of inactive members	25	4	33	30	20	18	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

Actuarial Valuation of Participating Municipalities

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	Katy	Kaufman	Keene	Keller	Kemah	Kemp	Kennedy
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued 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	1,173,715	569,287	670,283	8,228,548	358,324	161,650	525,827
c. Annuitants	7,101,881	2,066,262	1,025,284	7,711,101	95,832	210,228	400,480
2. Total Actuarial Acrued 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%	5.54%	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 Contribution), 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 Acrued Liability							
a. Contributing Members	\$4,625,680	\$3,629,084	\$22,545,656	\$6,951,626	\$15,107,953	\$64,991,146	\$19,566,077
b. Noncontributing Members	2,261,893	869,462	5,778,004	3,814,193	1,525,902	6,736,174	5,513,540
c. Annuitants	2,047,806	3,227,851	19,858,554	5,764,376	15,252,890	38,874,055	17,210,935
2. Total Actuarial Acrued Liability	\$8,935,379	\$7,726,397	\$48,182,214	\$16,530,195	\$31,886,745	\$110,601,375	\$42,290,552
3. Actuarial value of assets	6,207,310	5,433,330	48,347,946	15,239,390	24,842,708	100,826,919	37,068,999
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,728,069	\$2,293,067	\$(165,732)	\$1,290,805	\$7,044,037	\$9,774,456	\$5,221,553
5. Funded Ratio: (3) / (2)	69.5%	70.3%	100.3%	92.2%	77.9%	91.2%	87.7%
6. Annual Payroll	\$3,816,659	\$1,399,175	\$14,591,641	\$3,192,514	\$6,747,163	\$38,937,609	\$9,090,160
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.80%	11.39%	5.31%	8.34%	10.08%	4.92%	8.12%
Prior Service	4.88%	9.85%	-0.07%	2.41%	6.30%	1.80%	3.46%
Total Retirement	11.68%	21.24%	5.24%	10.75%	16.38%	6.72%	11.58%
Supplemental Death	0.12%	0.25%	0.17%	0.18%	0.21%	0.15%	0.00%
Total Rate	11.80%	21.49%	5.41%	10.93%	16.59%	6.87%	11.58%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	20.76%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	15.50%	N/A	N/A	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012	21.9 years	27.1 years	25.9 years	27.5 years	26.9 years	20.3 years	27.0 years
Number of annuitants	20	27	156	24	95	304	114
Number of active contributing members	74	39	305	56	157	944	247
Number of inactive members	83	25	148	30	48	301	113
Average age of contributing members	40.0 years	43.7 years	42.8 years	43.2 years	42.5 years	41.1 years	41.4 years
Average length of service of contributing members	9.0 years	10.2 years	9.8 years	12.1 years	9.6 years	10.3 years	10.4 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$19,566,077	\$5,513,540	\$42,290,552	\$37,068,999	\$5,221,553	\$9,090,160	\$19,566,077
b. Noncontributing Members	5,513,540	17,210,935	38,874,055	17,210,935	17,210,935	17,210,935	5,513,540
c. Annuitants	17,210,935	17,210,935	17,210,935	17,210,935	17,210,935	17,210,935	17,210,935
2. Total Actuarial Acrued Liability	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552
3. Actuarial value of assets	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552	\$42,290,552
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	0	0	0	0	0	0	0
5. Funded Ratio: (3) / (2)	100%	100%	100%	100%	100%	100%	100%
6. Annual Payroll	\$9,090,160	\$9,090,160	\$9,090,160	\$9,090,160	\$9,090,160	\$9,090,160	\$9,090,160

Actuarial Valuation of Participating Municipalities

CONTINUED

	Kirby	Kirbyville	Knox City	Kountze	Kress	Krugerville	Krum
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued 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	166,693	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 Acrued 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	425,369	359,820	243,820	44,083	688,479
4. Unfunded/(overfunded) actuarial acrued 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	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%	N/A	9.50%	N/A	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.0 years	27.2 years	25.1 years	23.0 years	18.3 years	22.7 years	100.0 years
Number of active contributing members	12	15	1	0	4	0	1
Number of inactive members	53	21	9	25	1	4	25
Average age of contributing members	57	27	8	23	1	2	17
Average length of service of contributing members	37.4 years	45.0 years	53.7 years	41.0 years	58.2 years	40.6 years	39.6 years
	6.3 years	7.3 years	5.5 years	3.9 years	19.7 years	8.5 years	5.5 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$5,608,764	\$122,660	\$2,900,534	\$4,916,363	\$264,686	\$777,123	\$5,618,246
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 Acrued 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 acrued 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%	0.00%	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	N/A	N/A	N/A	N/A	N/A	9.46%
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							
Number of annuitants	22.0 years	25.2 years	27.2 years	27.1 years	19.8 years	24.4 years	27.0 years
Number of active contributing members	9	1	13	26	3	0	61
Number of inactive members	127	7	55	57	21	53	128
Average age of contributing members	48	2	61	25	9	1	75
Average length of service of contributing members	40.5 years	52.8 years	42.9 years	46.7 years	45.3 years	40.6 years	41.5 years
	5.8 years	10.1 years	7.9 years	11.4 years	5.6 years	5.9 years	6.9 years

Actuarial Valuation of Participating Municipalities

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	Lampasas	Lancaster	Laredo	Lavon	League City	Leander	Leon Valley
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$8,517,172	\$25,852,110	\$252,002,499	\$398,175	\$51,033,023	\$11,939,068	\$14,387,248
b. Noncontributing Members	1,572,133	10,832,481	13,393,978	14,638	8,576,662	1,101,245	4,295,583
c. Annuitants	4,319,418	21,955,165	98,314,567	0	19,877,547	1,033,859	11,804,405
2. Total Actuarial Accrued Liability	\$14,408,723	\$38,639,756	\$363,711,044	\$412,813	\$79,487,232	\$14,074,172	\$30,487,236
3. Actuarial value of assets	10,902,096	43,023,260	227,498,651	359,159	59,887,993	8,546,238	25,902,789
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$3,506,627	\$15,616,496	\$136,212,393	\$53,654	\$19,599,239	\$5,527,934	\$4,584,447
5. Funded Ratio: (3) / (2)	75.7%	73.4%	62.5%	87.0%	75.3%	60.7%	85.0%
6. Annual Payroll	\$3,941,260	\$13,835,321	\$87,922,917	\$768,290	\$24,329,911	\$8,421,709	\$4,744,193
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	10.14%	8.91%	12.41%	2.33%	9.94%	8.39%	10.66%
Prior Service	5.33%	6.77%	9.30%	0.48%	4.83%	3.91%	5.80%
Total Retirement	15.47%	15.68%	21.71%	2.81%	14.77%	12.30%	16.46%
Supplemental Death	0.18%	0.15%	0.17%	0.11%	0.15%	0.14%	0.20%
Total Rate	15.65%	15.83%	21.88%	2.92%	14.92%	12.44%	16.66%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	14.86%	15.59%	19.25%	N/A	13.43%	11.55%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	47	109	617	0	107	20	57
Number of active contributing members	108	232	1,970	16	452	161	104
Number of inactive members	42	178	345	4	125	55	46
Average age of contributing members	42.7 years	40.6 years	43.2 years	40.9 years	42.1 years	41.1 years	45.7 years
Average length of service of contributing members	8.7 years	9.4 years	11.0 years	6.1 years	9.3 years	7.1 years	14.2 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$271,519	\$9,394,123	\$122,250,375	\$349,221	\$3,619,669	\$112,375	\$3,243,981
b. Noncontributing Members	130,722	2,545,629	10,806,430	144,462	737,081	28,512	156,753
c. Annuitants	50,293	5,803,634	58,489,715	892,057	1,194,633	0	95,931
2. Total Actuarial Accrued Liability	\$452,534	\$17,743,386	\$191,546,520	\$1,385,740	\$5,551,383	\$140,887	\$3,496,665
3. Actuarial value of assets	492,903	15,703,310	144,080,655	1,161,050	4,440,910	128,655	1,699,413
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$40,369)	\$2,040,076	\$47,465,865	\$224,690	\$1,110,473	\$12,232	\$1,797,252
5. Funded Ratio: (3) / (2)	108.9%	88.5%	75.2%	83.8%	80.0%	91.3%	48.6%
6. Annual Payroll	\$587,827	\$3,764,804	\$40,824,368	\$407,857	\$4,129,475	\$412,017	\$1,773,256
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	1.09%	9.86%	12.11%	5.50%	2.74%	1.45%	9.03%
Prior Service	-0.43%	3.27%	6.96%	3.35%	1.84%	0.20%	6.09%
Total Retirement	0.66%	13.13%	19.07%	8.85%	4.58%	1.65%	15.12%
Supplemental Death	0.19%	0.16%	0.00%	0.00%	0.00%	0.13%	0.00%
Total Rate	0.85%	13.29%	19.07%	8.85%	4.58%	1.78%	15.12%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	17.83%	N/A	N/A	N/A	14.41%
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	2	36	227	7	18	0	3
Number of active contributing members	17	87	658	11	95	12	45
Number of inactive members	14	24	187	10	89	3	11
Average age of contributing members	41.1 years	42.0 years	42.8 years	41.6 years	41.4 years	45.0 years	46.4 years
Average length of service of contributing members	6.4 years	10.6 years	12.9 years	4.7 years	9.5 years	2.8 years	8.8 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$14,387,248	\$11,939,068	\$51,033,023	\$398,175	\$14,074,172	\$11,939,068	\$14,387,248
b. Noncontributing Members	4,295,583	1,101,245	8,576,662	14,638	8,576,662	1,101,245	4,295,583
c. Annuitants	11,804,405	21,955,165	98,314,567	0	19,877,547	1,033,859	11,804,405
2. Total Actuarial Accrued Liability	\$30,487,236	\$38,639,756	\$363,711,044	\$412,813	\$79,487,232	\$14,074,172	\$30,487,236
3. Actuarial value of assets	25,902,789	43,023,260	227,498,651	359,159	59,887,993	8,546,238	25,902,789
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$4,584,447	\$15,616,496	\$136,212,393	\$53,654	\$19,599,239	\$5,527,934	\$4,584,447
5. Funded Ratio: (3) / (2)	85.0%	73.4%	62.5%	87.0%	75.3%	60.7%	85.0%
6. Annual Payroll	\$4,744,193	\$13,835,321	\$87,922,917	\$768,290	\$24,329,911	\$8,421,709	\$4,744,193
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	10.66%	8.91%	12.41%	2.33%	9.94%	8.39%	10.66%
Prior Service	5.80%	6.77%	9.30%	0.48%	4.83%	3.91%	5.80%
Total Retirement	16.46%	15.68%	21.71%	2.81%	14.77%	12.30%	16.46%
Supplemental Death	0.20%	0.15%	0.17%	0.11%	0.15%	0.14%	0.20%
Total Rate	16.66%	15.83%	21.88%	2.92%	14.92%	12.44%	16.66%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	15.59%	19.25%	N/A	13.43%	11.55%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	57	109	617	0	107	20	57
Number of active contributing members	104	232	1,970	16	452	161	104
Number of inactive members	46	178	345	4	125	55	46
Average age of contributing members	45.7 years	40.6 years	43.2 years	40.9 years	42.1 years	41.1 years	45.7 years
Average length of service of contributing members	14.2 years	9.4 years	11.0 years	6.1 years	9.3 years	7.1 years	14.2 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$3,243,981	\$9,394,123	\$122,250,375	\$349,221	\$3,619,669	\$112,375	\$3,243,981
b. Noncontributing Members	156,753	2,545,629	10,806,430	144,462	737,081	28,512	156,753
c. Annuitants	95,931	5,803,634	58,489,715	892,057	1,194,633	0	95,931
2. Total Actuarial Accrued Liability	\$3,496,665	\$17,743,386	\$191,546,520	\$1,385,740	\$5,551,383	\$140,887	\$3,496,665
3. Actuarial value of assets	1,699,413	15,703,310	144,080,655	1,161,050	4,440,910	128,655	1,699,413
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,797,252	\$2,040,076	\$47,465,865	\$224,690	\$1,110,473	\$12,232	\$1,797,252
5. Funded Ratio: (3) / (2)	48.6%	88.5%	75.2%	83.8%	80.0%	91.3%	48.6%
6. Annual Payroll	\$1,773,256	\$3,764,804	\$40,824,368	\$407,857	\$4,129,475	\$412,017	\$1,773,256
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	9.03%	9.86%	12.11%	5.50%	2.74%	1.45%	9.03%
Prior Service	6.09%	3.27%	6.96%	3.35%	1.84%	0.20%	6.09%
Total Retirement	15.12%	13.13%	19.07%	8.85%	4.58%	1.65%	15.12%
Supplemental Death	0.00%	0.16%	0.00%	0.00%	0.00%	0.13%	0.00%
Total Rate	15.12%	13.29%	19.07%	8.85%	4.58%	1.78%	15.12%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	14.41%	N/A	17.83%	N/A	N/A	N/A	14.41%
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	3	36	227	7	18	0	3
Number of active contributing members	45	87	658	11	95	12	45
Number of inactive members	11	24	187	10	89	3	11
Average age of contributing members	46.4 years	42.0 years	42.8 years	41.6 years	41.4 years	45.0 years	46.4 years
Average length of service of contributing members	8.8 years	10.6 years	12.9 years	4.7 years	9.5 years	2.8 years	8.8 years

Actuarial Valuation of Participating Municipalities

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	Linden	Lipan	Little Elm	Littlefield	Live Oak	Livingston	Llano
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	\$352,979	\$38,286	\$9,954,501	\$2,775,998	\$16,534,354	\$9,834,998	\$2,019,349
	26,498	0	705,201	1,223,009	2,629,087	1,472,847	409,785
	31,833	0	683,864	1,433,303	4,553,441	6,029,984	1,514,364
	\$411,310	\$38,286	\$11,343,566	\$5,432,310	\$23,716,882	\$17,337,829	\$3,943,498
	444,616	51,420	8,183,361	4,731,847	17,092,390	14,325,162	3,563,102
	(\$33,306)	(\$13,134)	\$3,160,205	\$700,463	\$6,624,492	\$3,012,667	\$380,396
	108.1%	134.3%	72.1%	87.1%	72.1%	82.6%	90.4%
	\$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 Prior Service Total Retirement Supplemental Death Total Rate Phase-In Rate (Minimum Contribution), Incl. Supplemental Death Statutory Maximum Rate (Total Retirement Only)	2.47% -0.47% 2.00% 0.33% 2.33% N/A 7.50%	1.16% -1.02% 0.09% 0.23% N/A N/A	7.10% 2.65% 9.75% 0.15% 9.90% N/A 13.50%	8.15% 2.21% 10.36% 0.28% 10.64% 9.67% 11.50%	10.16% 6.88% 17.04% 0.14% 17.18% N/A N/A	11.43% 5.60% 17.03% 0.23% 17.26% 16.85% N/A	3.15% 1.35% 4.50% 0.28% 4.78% N/A 9.50%
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	24.6 years 1 15 4 50.7 years 8.1 years	25.1 years 0 3 0 44.9 years 6.3 years	22.3 years 13 156 54 42.1 years 7.9 years	27.2 years 27 51 28 44.3 years 8.8 years	27.3 years 28 121 43 43.4 years 13.2 years	27.3 years 32 78 11 44.7 years 11.6 years	23.1 years 22 49 23 48.1 years 9.1 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	\$11,333,235	\$245,703	\$332,614	\$57,139,173	\$46,505	\$301,391	\$95,941
	3,161,527	30,641	361,793	10,779,230	30,158	358,671	145,927
	\$20,118,218	104,311	219,538	\$2,108,261	0	\$749,462	\$260,431
	16,205,151	\$380,655	\$913,945	108,886,965	\$76,663	620,362	335,800
	\$3,913,067	(\$128,741)	(\$14,315)	\$11,221,296	\$26,092	\$129,100	(\$75,569)
	80.5%	133.8%	101.6%	90.7%	66.0%	82.8%	128.9%
	\$5,819,822	\$232,224	\$400,808	\$27,843,660	\$99,918	\$396,078	\$233,705
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)	8.59% 4.03% 12.62% 0.19% 12.81% 12.40% 12.50%	3.09% -0.22% 0.00% 0.34% 0.34% N/A 7.50%	3.46% -0.22% 3.24% 0.13% 3.37% N/A 7.50%	8.09% 2.42% 10.51% 0.19% 10.70% N/A 15.50%	1.16% -2.42% 2.93% 0.14% 3.07% N/A N/A	4.29% 1.95% 6.24% 0.18% 6.42% N/A 10.50%	3.81% -2.03% 1.78% 0.00% 1.78% N/A 9.50%
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	27.2 years 51 145 87 42.0 years 9.2 years	31.1 years 2 6 6 44.8 years 7.7 years	25.9 years 2 11 12 44.4 years 7.8 years	27.1 years 366 613 233 43.3 years 10.0 years	22.2 years 0 3 2 50.0 years 11.4 years	27.3 years 4 13 18 45.8 years 7.1 years	25.0 years 2 7 6 42.5 years 4.0 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Los Fresnos	Lott	Lovely	Lubbock	Lucas	Luffkin	Luling
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,331,668	\$18,592	\$13,624	\$234,810,039	\$664,126	\$40,005,714	\$3,425,551
b. Noncontributing Members	237,526	34,887	0	38,297,660	279,761	4,159,074	351,992
c. Annuitants	267,589	8,790	0	232,471,580	190,618	25,425,152	2,161,235
2. Total Actuarial Acrued Liability	\$1,836,783	\$62,269	\$13,624	\$505,579,279	\$1,134,505	\$69,589,940	\$5,938,778
3. Actuarial value of assets	2,175,857	81,695	5,608	399,082,717	877,000	49,533,954	4,719,165
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	(\$339,074)	(\$19,426)	\$8,016	\$106,496,562	\$257,505	\$20,055,986	\$1,219,613
5. Funded Ratio: (3) / (2)	118.5%	131.2%	41.2%	78.9%	77.3%	71.2%	79.5%
6. Annual Payroll	\$1,486,730	\$202,406	\$87,548	\$81,761,562	\$834,834	\$15,069,027	\$2,599,614
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%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	19.29%	N/A	17.67%	N/A
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							
Number of annuitants	24.9 years	25.3 years	23.4 years	27.0 years	22.7 years	27.1 years	27.4 years
Number of active contributing members	8	1	0	945	4	150	34
Number of inactive members	46	7	3	1,653	20	377	79
Average age of contributing members	31	26	0	503	27	115	40
Average length of service of contributing members	41.1 years	46.1 years	46.7 years	43.7 years	47.0 years	42.6 years	43.3 years
	9.2 years	1.4 years	2.3 years	11.3 years	6.8 years	10.1 years	8.2 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$3,855,492	\$270,732	\$1,154,058	\$1,386,764	\$282,501	\$598,810	\$705,296
b. Noncontributing Members	158,840	288	117,484	381,199	356,695	196,149	179,746
c. Annuitants	1,225,722	0	102,157	743,870	110,311	182,322	47,978
2. Total Actuarial Acrued Liability	\$5,240,054	\$271,020	\$1,373,699	\$2,511,833	\$749,507	\$933,020	\$933,020
3. Actuarial value of assets	3,607,595	139,116	1,217,948	1,970,482	757,198	1,063,262	977,663
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$1,632,459	\$131,904	\$155,751	\$541,351	(\$7,991)	(\$85,981)	(\$44,643)
5. Funded Ratio: (3) / (2)	68.8%	51.3%	88.7%	78.4%	101.0%	108.8%	104.8%
6. Annual Payroll	\$1,567,240	\$325,402	\$645,287	\$1,172,953	\$940,253	\$777,411	\$1,387,565
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%	0.00%	0.22%	0.20%	0.15%
Total Rate	18.72%	4.00%	9.45%	9.59%	0.20%	1.74%	2.68%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	18.61%	N/A	8.61%	7.58%	N/A	N/A	N/A
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							
Number of annuitants	27.2 years	22.0 years	28.1 years	27.3 years	0.0 years	24.8 years	25.5 years
Number of active contributing members	12	0	1	15	6	6	1
Number of inactive members	35	14	18	34	21	33	31
Average age of contributing members	9	2	11	22	23	13	31
Average length of service of contributing members	44.4 years	45.6 years	40.3 years	44.7 years	41.7 years	46.4 years	41.5 years
	10.3 years	10.1 years	8.8 years	7.1 years	7.7 years	10.1 years	5.8 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	McGregor	McKinney	McLenn	Meadowlakes	Meadows Place	Melissa	Memorial Villages Police
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,966,731	\$104,014,115	\$90,455	\$122,974	\$2,399,521	\$1,072,908	\$6,934,844
b. Noncontributing Members	1,030,768	15,680,291	129,474	19,370	912,864	121,901	190,242
c. Annuitants	1,530,007	25,383,996	4,679	0	867,123	105,738	4,909,925
2. Total Actuarial Acrued Liability	\$4,527,506	\$145,078,402	\$224,608	\$142,344	\$4,179,508	\$1,300,547	\$12,035,011
3. Actuarial value of assets	3,591,230	105,262,299	200,631	183,812	4,107,705	1,051,381	9,715,558
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$936,276	\$39,816,103	\$23,977	(\$41,468)	\$71,803	\$249,166	\$2,319,453
5. Funded Ratio: (3) / (2)	79.3%	72.6%	89.3%	129.1%	98.3%	80.8%	80.7%
6. Annual Payroll	\$1,764,154	\$50,902,032	\$185,061	\$412,291	\$1,407,380	\$1,352,726	\$2,788,520
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.91%	10.03%	1.17%	1.20%	6.13%	2.23%	4.54%
Prior Service	3.58%	4.69%	0.88%	-0.63%	0.46%	1.23%	5.00%
Total Retirement	9.49%	14.72%	2.05%	0.57%	6.59%	3.46%	9.54%
Supplemental Death	0.23%	0.12%	0.13%	0.17%	0.14%	0.22%	0.22%
Total Rate	9.72%	14.84%	2.18%	0.67%	6.76%	3.60%	9.76%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	13.97%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	12.50%	13.50%	N/A	N/A	13.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.3 years	27.2 years	22.1 years	25.2 years	14.7 years	22.7 years	27.0 years
Number of active contributing members	23	144	1	0	7	3	20
Number of inactive members	45	790	6	11	26	32	39
Average age of contributing members	40.4 years	41.5 years	41.9 years	38.5 years	46.3 years	41.9 years	47.9 years
Average length of service of contributing members	7.5 years	10.2 years	6.0 years	3.0 years	11.4 years	7.5 years	18.7 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,069,253	\$872,836	\$10,012,527	\$305,623	\$461,749	\$50,281	\$163,910,769
b. Noncontributing Members	27,270	39,010	854,770	2,632	250,351	24,722	14,111,024
c. Annuitants	599,313	325,902	2,836,668	9,786	473,512	276,735	150,429,506
2. Total Actuarial Acrued Liability	\$1,695,836	\$1,237,748	\$13,703,965	\$318,041	\$1,185,612	\$351,738	\$328,451,299
3. Actuarial value of assets	1,486,821	1,300,826	7,983,914	391,153	759,399	133,155	309,071,023
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$209,015	(\$63,078)	\$5,720,051	(\$73,112)	\$426,213	\$218,583	\$19,380,276
5. Funded Ratio: (3) / (2)	87.7%	105.1%	58.3%	123.0%	64.1%	37.9%	94.1%
6. Annual Payroll	\$506,767	\$300,352	\$3,778,509	\$300,815	\$445,120	\$136,191	\$64,629,670
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.34%	8.72%	11.28%	4.50%	7.48%	0.83%	8.39%
Prior Service	2.49%	-1.32%	9.07%	-1.53%	5.81%	9.69%	2.04%
Total Retirement	9.83%	7.40%	20.35%	2.97%	13.29%	10.52%	10.43%
Supplemental Death	0.30%	0.00%	0.17%	0.10%	0.17%	0.10%	0.00%
Total Rate	10.13%	7.40%	20.52%	3.07%	13.46%	10.62%	10.43%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	18.58%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	11.50%	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	26.8 years	25.1 years	27.2 years	25.0 years	26.6 years	26.8 years	22.0 years
Number of active contributing members	8	3	32	1	4	2	510
Number of inactive members	20	10	107	10	13	4	1,042
Average age of contributing members	46.0 years	50.4 years	41.9 years	40.4 years	41.4 years	36.9 years	42.8 years
Average length of service of contributing members	11.7 years	14.2 years	9.9 years	7.4 years	5.0 years	5.1 years	12.2 years

Actuarial Valuation of Participating Municipalities

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	Mexico	Midland	Middlebrian	Miles	Milford	Mincola	Mineral Wells
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,062,057	\$103,553,314	\$15,504,248	\$17,138	\$434,671	\$2,015,141	\$11,256,106
b. Noncontributing Members	938,474	15,481,587	1,968,558	103,070	17,339	486,122	2,469,047
c. Annuitants	4,472,893	113,509,721	6,336,245	0	80,762	1,784,787	9,183,716
2. Total Actuarial Accrued Liability	\$10,473,424	\$232,544,622	\$23,809,051	\$120,208	\$532,772	\$4,286,050	\$22,908,869
3. Actuarial value of assets	8,764,571	199,085,018	17,351,592	164,580	420,721	4,618,578	19,745,579
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,708,853	\$33,459,604	\$6,457,459	(\$44,372)	\$112,051	(\$332,528)	\$3,163,090
5. Funded Ratio: (3) / (2)	83.7%	85.6%	72.9%	136.9%	79.0%	107.8%	86.2%
6. Annual Payroll	\$3,692,181	\$35,257,150	\$9,116,603	\$143,223	\$258,830	\$1,846,264	\$6,820,184
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	8.17%	11.20%	9.17%	0.37%	5.28%	5.00%	7.85%
Prior Service	2.76%	5.72%	4.25%	-0.37%	2.61%	-1.13%	2.80%
Total Retirement	10.93%	16.92%	13.42%	0.00%	7.89%	3.87%	10.65%
Supplemental Death	0.18%	0.00%	0.14%	0.06%	0.34%	0.17%	0.22%
Total Rate	11.11%	16.92%	13.56%	0.06%	8.23%	4.04%	10.87%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	10.24%	N/A	12.49%	N/A	N/A	N/A	9.92%
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	13.50%	7.50%	N/A	11.50%	11.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	26.9 years	27.1 years	100.0 years	26.9 years	25.1 years	26.8 years
Number of active contributing members	40	458	49	0	2	20	81
Number of inactive members	105	718	171	5	6	50	163
Average age of contributing members	87	312	55	2	4	18	108
Average length of service of contributing members	40.3 years	41.9 years	40.4 years	38.6 years	51.1 years	43.4 years	45.6 years
	6.6 years	10.9 years	8.6 years	2.1 years	11.8 years	9.0 years	8.9 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$34,954,534	\$41,537,035	\$4,852,855	\$5,937,266	\$421,491	\$568,899	\$1,725,437
b. Noncontributing Members	3,298,336	6,917,475	492,559	1,961,545	133,867	0	604,866
c. Annuitants	9,481,228	34,623,060	4,188,100	1,661,628	44,051	0	926,616
2. Total Actuarial Accrued Liability	\$47,734,098	\$83,077,570	\$9,533,514	\$9,560,439	\$599,409	\$568,899	\$3,256,919
3. Actuarial value of assets	42,277,894	68,563,332	7,755,190	8,844,629	583,479	\$101,119	2,565,534
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$5,456,204	\$14,514,238	\$1,778,324	\$715,810	\$13,930	\$58,780	\$691,385
5. Funded Ratio: (3) / (2)	88.6%	82.5%	81.3%	92.5%	97.7%	89.7%	78.8%
6. Annual Payroll	\$21,808,647	\$17,193,883	\$2,667,546	\$3,214,729	\$665,603	\$339,292	\$821,259
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.76%	10.50%	6.81%	7.13%	2.76%	2.80%	10.70%
Prior Service	1.51%	5.05%	4.02%	1.33%	0.16%	1.21%	5.05%
Total Retirement	8.27%	15.55%	10.83%	8.46%	2.92%	4.01%	15.75%
Supplemental Death	0.12%	0.13%	0.20%	0.15%	0.00%	0.33%	0.27%
Total Rate	8.39%	15.68%	11.03%	8.61%	2.92%	4.34%	16.02%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	15.46%	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	12.50%	15.50%	N/A	11.50%	13.50%	7.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	26.9 years	27.3 years	26.9 years	27.4 years	18.5 years	21.2 years	27.1 years
Number of active contributing members	105	107	23	0	2	0	5
Number of inactive members	548	303	55	59	15	9	16
Average age of contributing members	203	113	23	18	18	0	6
Average length of service of contributing members	40.6 years	40.3 years	43.3 years	44.6 years	40.2 years	51.0 years	51.6 years
	9.2 years	10.1 years	11.6 years	11.7 years	5.9 years	17.4 years	11.1 years

Actuarial Valuation of Participating Municipalities

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	Morgan's Point Resort	Morton	Moulton	Mount Enterprise	Mt. Pleasant	Mt. Vernon	Mienster
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$1,148,190	\$993,961	\$1,057,279	\$87,540	\$11,694,932	\$887,477	\$410,601
a. Contributing Members	414,422	179,146	55,854	0	3,816,190	33,868	200,209
b. Noncontributing Members	536,436	461,618	389,417	0	6,239,864	1,228,995	606,719
c. Annuitants	\$2,099,048	\$1,634,725	\$1,502,550	\$87,540	\$21,750,986	\$2,150,340	\$1,217,529
2. Total Actuarial Acrued Liability	1,699,030	1,400,140	1,451,279	83,338	16,191,463	1,991,407	1,427,873
3. Actuarial value of assets	\$490,018	\$234,585	\$51,271	\$4,202	\$8,559,523	\$158,933	(\$210,344)
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	76.7%	85.6%	96.6%	95.2%	74.4%	92.6%	117.3%
5. Funded Ratio: (3) / (2)	\$891,245	\$335,623	\$385,411	\$75,624	\$5,872,016	\$811,683	\$399,867
6. Annual Payroll							
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%	0.29%	0.23%	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	7.50%	N/A	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 Acrued Liability	\$3,152,650	\$165,460	\$5,989,801	\$38,694,818	\$108,501	\$603,360	\$2,862,898
a. Contributing Members	604,079	0	1,904,725	27,835	27,835	58,199	533,943
b. Noncontributing Members	2,473,612	0	2,071,156	34,949,320	174,004	100,744	1,318,381
c. Annuitants	\$6,230,341	\$165,460	\$9,965,682	\$78,717,722	\$310,340	\$762,303	\$4,715,222
2. Total Actuarial Acrued Liability	5,074,795	8,242	6,521,264	54,781,854	385,411	935,760	2,913,782
3. Actuarial value of assets	\$1,155,546	\$157,218	\$3,444,418	\$23,935,868	(\$75,071)	(\$173,457)	\$1,801,440
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	81.5%	5.0%	65.4%	69.6%	124.2%	122.8%	61.8%
5. Funded Ratio: (3) / (2)	\$1,127,254	\$270,125	\$4,977,690	\$14,712,621	\$289,096	\$695,017	\$2,394,658
6. Annual Payroll							
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	27.1 years	25.1 years	25.1 years	27.3 years
Number of annuitants	15	0	14	156	4	5	10
Number of active contributing members	34	7	305	305	10	17	45
Number of inactive members	13	0	46	102	9	6	26
Average age of contributing members	44.4 years	52.0 years	40.9 years	41.4 years	49.3 years	42.1 years	42.9 years
Average length of service of contributing members	11.0 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 Acrued Liability	\$2,862,898	\$533,943	\$1,318,381	\$4,715,222	\$1,801,440	\$2,394,658	\$1,427,873
a. Contributing Members	533,943	0	0	0	0	0	0
b. Noncontributing Members	1,318,381	0	0	0	0	0	0
c. Annuitants	\$4,715,222	\$1,801,440	\$1,318,381	\$4,715,222	\$1,801,440	\$2,394,658	\$1,427,873
2. Total Actuarial Acrued Liability	2,862,898	533,943	1,318,381	4,715,222	1,801,440	2,394,658	1,427,873
3. Actuarial value of assets	\$1,427,873	\$1,427,873	\$1,427,873	\$1,427,873	\$1,427,873	\$1,427,873	\$1,427,873
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	1,435,025	111,070	1,318,381	3,287,349	353,567	966,785	0
5. Funded Ratio: (3) / (2)	50.0%	268.3%	108.4%	71.9%	79.8%	61.7%	100.0%
6. Annual Payroll							

Actuarial Valuation of Participating Municipalities

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	Natalia	Navasota	Nederland	Needville	New Boston	New Braunfels	New Braunfels Utilities
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability	\$132,528	\$4,528,779	\$21,122,945	\$978,344	\$1,620,684	\$48,897,001	\$28,120,052
a. Contributing Members	9,822	1,508,996	2,932,702	376,761	104,272	5,213,169	3,976,526
b. Noncontributing Members	0	2,150,828	16,074,552	314,339	1,087,306	34,158,794	17,076,699
c. Annuitants	\$142,350	\$8,188,603	\$40,130,199	\$1,669,444	\$2,812,262	\$88,268,964	\$49,173,277
2. Total Actuarial Accrued Liability	77,609	7,362,390	41,984,798	1,699,051	2,730,891	59,092,704	37,599,888
3. Actuarial value of assets	\$64,741	\$826,213	(\$1,854,599)	(\$29,607)	\$81,371	\$29,176,260	\$11,573,389
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	54.5%	89.9%	104.6%	101.8%	97.1%	66.9%	76.5%
5. Funded Ratio: (3) / (2)	\$433,848	\$2,960,500	\$6,141,686	\$586,996	\$1,134,465	\$24,036,403	\$10,748,241
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.53%	6.60%	10.74%	4.27%	4.77%	9.77%	9.88%
Prior Service	1.00%	1.67%	-1.90%	-0.32%	0.42%	7.28%	6.47%
Total Retirement	1.53%	8.27%	8.84%	3.95%	5.19%	17.05%	16.35%
Supplemental Death	0.20%	0.18%	0.00%	0.33%	0.18%	0.13%	0.17%
Total Rate	1.73%	8.45%	8.84%	4.28%	5.37%	17.18%	16.52%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	7.83%	N/A	N/A	5.24%	15.97%	15.08%
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	9.50%	7.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	22.6 years	27.3 years	25.0 years	24.7 years	28.3 years	27.2 years	27.1 years
Number of active contributing members	0	24	71	6	12	164	82
Number of inactive 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	15.5 years	13.0 years	10.5 years	9.9 years	10.7 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability	\$113,820	\$49,431	\$427,229	\$37,548	\$239,986	\$2,240,469	\$304,421
a. Contributing Members	90,009	0	93,404	28,717	51,635	3,041	58,684
b. Noncontributing Members	0	0	83,198	21,246	176,387	2,005,424	203,072
c. Annuitants	\$203,829	\$49,431	\$603,831	\$87,511	\$468,008	\$4,248,934	\$566,177
2. Total Actuarial Accrued Liability	217,776	15,742	519,729	191,614	436,102	2,865,388	516,600
3. Actuarial value of assets	(\$13,947)	\$33,689	\$84,102	(\$104,103)	\$31,906	\$1,383,546	\$49,577
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	106.8%	31.8%	86.1%	219.0%	93.2%	67.4%	91.2%
5. Funded Ratio: (3) / (2)	\$187,029	\$111,167	\$377,354	\$203,061	\$193,089	\$907,370	\$435,506
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.83%	0.41%	4.74%	1.01%	3.26%	11.43%	1.44%
Prior Service	-0.47%	1.95%	1.33%	-1.01%	1.10%	9.16%	0.79%
Total Retirement	0.36%	2.36%	6.07%	0.00%	4.36%	20.59%	2.23%
Supplemental Death	0.00%	0.19%	0.00%	0.00%	0.17%	0.17%	0.33%
Total Rate	0.36%	2.55%	6.07%	0.00%	4.53%	20.76%	2.56%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	20.25%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	N/A	7.50%	7.50%	9.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	24.9 years	24.1 years	27.4 years	100.0 years	22.8 years	27.1 years	21.4 years
Number of active contributing members	0	0	3	2	1	11	5
Number of inactive members	5	3	10	7	5	23	15
Number of inactive members	7	0	6	13	1	5	9
Average age of contributing members	48.9 years	41.6 years	48.5 years	38.9 years	47.0 years	41.9 years	43.2 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	7.7 years

Actuarial Valuation of Participating Municipalities

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	Neona	Normangee	North Richland Hills	Northlake	O'Donnell	Oak Point	Oak Ridge North
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$855,139	\$26,610	\$93,549,042	\$762,730	\$122,111	\$802,870	\$3,155,105
b. Noncontributing Members	211,719	113,817	16,264,443	123,490	28,223	120,335	1,195,411
c. Annuitants	373,551	27,301	54,735,746	53,371	27,258	34,153	419,471
2. Total Actuarial Acrued 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 acrued 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%
6. Annual Payroll	\$890,570	\$113,572	\$30,514,794	\$900,884	\$121,430	\$931,238	\$2,219,039
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.64%	1.34%	12.17%	3.54%	3.20%	2.42%	7.99%
Prior Service	1.99%	-0.46%	6.05%	2.18%	1.96%	2.07%	3.87%
Total Retirement	9.63%	0.88%	18.22%	5.72%	5.16%	4.49%	11.86%
Supplemental Death	0.21%	0.15%	0.00%	0.09%	0.44%	0.10%	0.13%
Total Rate	9.84%	1.03%	18.22%	5.81%	5.60%	4.59%	11.99%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	9.15%	N/A	17.77%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	11.50%	N/A	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.3 years	25.0 years	27.2 years	23.2 years	20.8 years	22.6 years	22.0 years
Number of active contributing members	10	2	208	3	1	1	5
Number of inactive members	32	2	508	19	4	20	43
Average age of contributing members	20	5	13	38.1 years	54.6 years	40.7 years	17
Average length of service of contributing members	47.1 years	42.7 years	41.9 years	7.5 years	13.3 years	7.4 years	40.0 years
	6.1 years	7.3 years	12.6 years				7.2 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$404,676	\$72,149,614	\$34,288	\$7,845	\$1,211,928	\$331,680	\$77,322
b. Noncontributing Members	184	17,244,896	0	3,789	606,120	64,208	0
c. Annuitants	360,275	89,500,143	18,376	0	2,140,334	60,541	67,466
2. Total Actuarial Acrued Liability	\$765,135	\$178,894,653	\$52,664	\$11,634	\$3,958,382	\$456,429	\$144,788
3. Actuarial value of assets	648,852	153,172,364	\$7,111	34,909	4,537,274	430,286	76,212
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$116,283	\$25,722,289	(\$4,447)	(\$23,275)	(\$578,892)	\$26,143	\$68,576
5. Funded Ratio: (3) / (2)	84.8%	85.6%	108.4%	300.1%	114.6%	94.3%	52.6%
6. Annual Payroll	\$437,683	\$30,559,505	\$59,093	\$23,587	\$1,503,313	\$718,782	\$160,384
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	1.35%	10.26%	2.78%	1.99%	2.74%	0.33%	1.83%
Prior Service	1.83%	5.05%	-0.47%	-1.99%	-2.42%	0.27%	2.97%
Total Retirement	3.18%	15.31%	2.31%	0.00%	0.32%	0.60%	4.80%
Supplemental Death	0.27%	0.18%	0.40%	0.00%	0.00%	0.17%	0.20%
Total Rate	3.45%	15.49%	2.71%	0.00%	0.32%	0.77%	5.00%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	7.50%	11.50%	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.6 years	27.1 years	25.3 years	100.0 years	25.1 years	19.3 years	21.3 years
Number of active contributing members	5	395	1	0	27	4	1
Number of inactive members	16	673	2	24	34	20	5
Average age of contributing members	1	312	0	49.2 years	38.4 years	43.3 years	50.4 years
Average length of service of contributing members	49.8 years	42.2 years	59.1 years	4.6 years	10.0 years	7.8 years	7.2 years
	10.3 years	9.4 years	5.6 years				

Actuarial Valuation of Participating Municipalities

CONTINUED

	Panhandle	Panorama Village	Pantego	Paris	Parker	Pasadena	Pearland
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$582,670	\$740,949	\$4,686,337	\$22,221,461	\$1,309,690	\$141,812,811	\$51,048,325
a. Contributing Members	591,332	325,495	2,357,623	4,466,957	92,856	12,927,456	9,170,995
b. Noncontributing Members	605,466	215,676	5,808,964	16,707,948	764,887	157,095,125	11,976,603
c. Annuitants	\$1,779,468	\$1,282,120	\$12,852,924	\$43,396,366	\$2,167,433	\$311,835,392	\$72,195,923
2. Total Actuarial Acrued Liability	1,579,949	1,362,744	9,504,692	42,636,949	1,550,249	280,321,666	54,358,041
3. Actuarial value of assets	\$199,519	(\$80,624)	\$3,348,232	\$759,417	\$617,184	\$31,513,726	\$17,837,882
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	88.8%	106.3%	73.9%	98.3%	71.5%	89.9%	75.3%
5. Funded Ratio: (3) / (2)	\$663,284	\$512,263	\$2,255,856	\$11,352,419	\$1,038,047	\$54,105,275	\$28,704,307
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	2.62%	3.62%	9.43%	6.48%	5.60%	11.06%	8.99%
Prior Service	1.79%	-0.99%	8.90%	0.45%	3.99%	3.51%	3.72%
Total Retirement	4.41%	2.63%	18.33%	6.93%	9.59%	14.57%	12.71%
Supplemental Death	0.00%	0.33%	0.15%	0.21%	0.11%	0.21%	0.12%
Total Rate	4.41%	2.96%	18.48%	7.14%	9.70%	14.78%	12.83%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	17.55%	N/A	N/A	N/A	12.50%
Statutory Maximum Rate (Total Retirement Only)	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							
Number of annuitants	27.5 years	25.0 years	27.2 years	22.4 years	22.5 years	26.9 years	27.2 years
Number of active contributing members	5	3	25	154	3	637	74
Number of inactive members	17	12	43	270	19	935	529
Average age of contributing members	12	3	81	102	13	219	183
Average length of service of contributing members	43.2 years	55.3 years	38.4 years	43.7 years	43.8 years	43.3 years	41.5 years
	10.7 years	16.7 years	8.0 years	11.4 years	9.0 years	11.8 years	8.5 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$1,975,132	\$4,460,897	\$7,289,980	\$21,883,664	\$28,191,382	\$827,565	\$1,744,784
a. Contributing Members	621,577	468,288	1,278,142	3,116,228	3,401,650	779,608	338,482
b. Noncontributing Members	1,334,256	4,149,259	5,104,919	3,609,142	15,175,750	630,753	1,765,961
c. Annuitants	\$3,930,965	\$9,078,444	\$13,673,041	\$28,609,034	\$46,768,782	\$2,237,926	\$3,849,227
2. Total Actuarial Acrued Liability	3,693,278	9,356,422	11,302,730	20,002,082	41,686,353	1,850,538	2,745,348
3. Actuarial value of assets	\$237,687	(\$277,978)	\$2,370,311	\$8,606,952	\$5,082,429	\$387,388	\$1,103,879
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	94.0%	103.1%	82.7%	69.9%	89.1%	82.7%	71.3%
5. Funded Ratio: (3) / (2)	\$1,555,098	\$4,261,086	\$2,852,151	\$12,952,889	\$18,207,951	\$1,209,881	\$943,561
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	3.45%	5.87%	11.01%	8.53%	5.35%	5.57%	8.11%
Prior Service	0.92%	-0.41%	4.99%	3.98%	1.68%	1.92%	7.00%
Total Retirement	4.37%	5.46%	16.00%	12.51%	7.03%	7.49%	15.11%
Supplemental Death	0.20%	0.21%	0.20%	0.12%	0.13%	0.17%	0.21%
Total Rate	4.57%	5.67%	16.20%	12.63%	7.16%	7.66%	15.32%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	12.10%	N/A	7.65%	N/A
Statutory Maximum Rate (Total Retirement Only)	7.50%	11.50%	N/A	13.50%	N/A	11.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.0 years	25.1 years	27.1 years	27.2 years	27.0 years	27.2 years	27.3 years
Number of active contributing members	17	41	27	26	8	8	18
Number of inactive members	55	111	76	259	31	31	19
Average age of contributing members	67	57	66	94	143	35	13
Average length of service of contributing members	43.0 years	43.0 years	41.0 years	40.2 years	39.1 years	45.5 years	45.5 years
	9.3 years	7.4 years	9.0 years	8.3 years	8.4 years	5.8 years	13.6 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Pineiland	Piney Point Village	Pittsburg	Plains	Plainview	Plano	Pleasanton	
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	\$1,148,012	\$127,210	\$2,318,394	\$819,749	\$13,672,870	\$397,099,898	\$5,405,589	
	7,973	35,374	1,145,308	214,664	3,599,661	48,183,810	650,682	
	246,178	151,677	2,300,932	51,709	13,732,476	190,704,556	1,091,466	
	\$1,402,163	\$314,261	\$5,764,634	\$1,086,122	\$31,005,007	\$635,988,264	\$7,147,737	
	1,222,067	291,075	4,583,939	1,065,968	25,680,697	517,246,424	6,535,366	
	\$180,096	\$23,186	\$1,180,695	\$20,154	\$3,324,310	\$118,741,840	\$612,371	
	87.2%	92.6%	79.5%	98.1%	82.8%	81.3%	91.4%	
	\$345,156	\$289,568	\$1,208,168	\$270,503	\$5,710,421	\$128,332,633	\$3,121,389	
	9.91%	1.01%	9.44%	8.12%	9.83%	13.05%	6.05%	
	3.14%	0.52%	5.91%	0.49%	5.58%	5.55%	1.19%	
13.05%	1.53%	15.35%	8.61%	15.41%	18.60%	7.24%		
0.24%	0.27%	0.17%	0.18%	0.00%	0.00%	0.14%		
13.29%	1.80%	15.52%	8.79%	15.41%	18.60%	7.38%		
11.75%	N/A	N/A	N/A	15.14%	17.67%	7.13%		
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 Number of annuitants Number of active contributing members Number of inactive members Average age of contributing members Average length of service of contributing members	27.0 years	23.7 years	26.8 years	23.3 years	27.3 years	27.1 years	26.6 years	
	5	3	21	2	78	638	15	
	10	6	33	7	141	2,138	87	
	2	3	27	3	46	684	29	
	49.5 years	52.1 years	41.4 years	47.7 years	45.0 years	43.8 years	42.0 years	
	17.5 years	11.2 years	6.8 years	17.9 years	10.6 years	12.0 years	9.4 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	\$33,398	\$244,478	\$5,351,398	\$64,619,605	\$562,211	\$1,926,338	\$3,215,722
		20,236	39,645	486,568	8,111,561	154,153	341,203	1,436,341
		100,489	40,718	1,670,755	68,159,704	36,064	1,055,838	3,570,946
		\$154,123	\$324,841	\$7,508,721	\$140,890,870	\$752,428	\$3,323,379	\$8,223,009
171,533		302,146	5,908,409	113,947,460	823,104	3,244,888	7,133,411	
(\$17,410)		\$22,695	\$1,600,312	\$26,943,410	(\$70,676)	\$78,491	\$1,089,598	
111.3%		93.0%	78.7%	80.9%	109.4%	97.6%	86.7%	
\$200,781		\$317,205	\$3,777,625	\$29,165,694	\$258,401	\$2,125,879	\$3,368,019	
1.39%		4.13%	6.85%	8.93%	8.32%	4.14%	3.77%	
-0.55%		0.48%	2.55%	5.57%	-1.72%	0.21%	1.95%	
0.84%	4.61%	9.40%	14.50%	6.60%	4.35%	5.72%		
0.00%	0.20%	0.19%	0.21%	0.59%	0.17%	0.21%		
0.84%	4.81%	9.59%	14.71%	7.19%	4.52%	5.93%		
N/A	N/A	8.95%	N/A	N/A	N/A	N/A		
7.50%	N/A	11.50%	N/A	9.50%	9.50%	9.50%		
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	24.7 years	22.5 years	27.0 years	26.9 years	25.0 years	29.9 years	26.9 years	
	1	1	25	381	3	14	43	
	7	8	101	551	6	75	92	
	7	6	44	115	4	58	65	
	52.6 years	44.1 years	45.6 years	45.3 years	60.0 years	40.1 years	41.5 years	
	2.5 years	5.6 years	7.7 years	12.3 years	15.4 years	7.3 years	7.8 years	

Actuarial Valuation of Participating Municipalities

CONTINUED

	Port Neches	Portland	Post	Poteet	Path	Pottsboro	Premont
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$16,852,557	\$10,021,531	\$621,258	\$334,597	\$185,466	\$218,329	\$296,996
a. Contributing Members	594,273	1,461,005	101,394	225,771	225,771	45,131	131,780
b. Noncontributing Members	15,514,487	3,298,426	468,870	234,598	191,588	175,560	239,223
c. Annuitants	\$32,961,317	\$14,780,962	\$1,191,522	\$794,966	\$387,476	\$439,020	\$667,999
2. Total Actuarial Acrued Liability	30,902,635	9,961,686	873,950	1,004,421	324,791	512,055	752,451
3. Actuarial value of assets	\$2,058,682	\$4,819,276	\$317,572	(\$209,455)	\$62,685	(\$73,035)	(\$84,452)
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	93.8%	67.4%	73.3%	126.3%	83.8%	116.6%	112.6%
5. Funded Ratio: (3) / (2)	\$5,330,746	\$4,830,473	\$558,129	\$567,554	\$287,749	\$702,770	\$524,973
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	10.37%	8.83%	4.02%	2.76%	1.27%	0.48%	1.61%
Prior Service	2.38%	5.98%	3.88%	-2.32%	1.32%	-0.48%	-1.01%
Total Retirement	12.75%	14.81%	7.90%	0.44%	2.59%	0.00%	0.60%
Supplemental Death	0.00%	0.17%	0.35%	0.57%	0.20%	0.14%	0.21%
Total Rate	12.75%	14.98%	8.25%	1.05%	2.79%	0.14%	0.81%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	13.86%	N/A	9.50%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	9.50%	9.50%	7.50%	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012	25.9 years	27.2 years	22.0 years	25.1 years	26.7 years	47.6 years	25.1 years
Number of annuitants	63	36	11	4	4	5	7
Number of active contributing members	89	108	14	21	9	19	20
Number of inactive members	10	74	8	22	2	15	9
Average age of contributing members	42.2 years	43.5 years	46.1 years	41.8 years	44.4 years	42.1 years	46.6 years
Average length of service of contributing members	14.9 years	10.7 years	10.6 years	5.8 years	6.7 years	6.4 years	7.3 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability	\$414,983	\$232,291	\$1,510,137	\$3,958,597	\$1,158,018	\$216,067	\$86,385
a. Contributing Members	129,966	27,611	309,224	546,848	224,844	116,027	20,144
b. Noncontributing Members	111,152	5,041	1,267,012	100,754	968,093	68,643	100,881
c. Annuitants	\$656,101	\$264,943	\$3,086,373	\$4,606,199	\$2,350,955	\$400,737	\$207,410
2. Total Actuarial Acrued Liability	666,444	334,046	2,715,798	3,175,249	2,060,011	366,451	203,799
3. Actuarial value of assets	(\$10,343)	(\$69,103)	\$370,575	\$1,430,950	\$290,944	\$34,286	\$3,611
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	101.6%	126.1%	88.0%	68.9%	87.6%	91.4%	98.3%
5. Funded Ratio: (3) / (2)	\$1,262,434	\$418,216	\$1,786,259	\$3,936,635	\$554,348	\$364,324	\$270,700
6. Annual Payroll							
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	0.52%	1.69%	7.38%	7.33%	8.80%	2.01%	2.02%
Prior Service	-0.05%	-1.04%	1.24%	2.44%	3.14%	0.64%	0.07%
Total Retirement	0.47%	0.65%	8.62%	9.77%	11.94%	2.65%	2.09%
Supplemental Death	0.14%	0.14%	0.12%	0.00%	0.47%	0.16%	0.10%
Total Rate	0.61%	0.79%	8.74%	9.77%	12.41%	2.81%	2.19%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	13.50%	13.50%	N/A	7.50%	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012	26.3 years	25.0 years	27.3 years	22.5 years	27.3 years	22.1 years	30.0 years
Number of annuitants	4	1	7	5	9	1	3
Number of active contributing members	39	15	31	65	17	10	9
Number of inactive members	24	11	28	27	6	15	12
Average age of contributing members	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	4.9 years	7.0 years	6.5 years	6.2 years	13.8 years	7.5 years	3.5 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Quintana	Quitman	Ralls	Rancho Viejo	Ranger	Rankin					
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	\$6,683 19,038 0 \$25,721 23,643 \$2,078 91.9% \$67,088	\$1,266,345 343,275 1,100,128 \$2,709,748 2,559,987 \$149,761 94.5% \$765,667	\$346,172 194,672 755,551 \$1,296,395 1,166,810 \$129,585 90.0% \$396,840	\$1,312,823 86,053 173,106 \$1,571,982 1,513,014 \$38,968 96.2% \$424,118	\$763,550 243,862 224,845 \$1,232,257 1,062,739 \$169,518 86.2% \$561,330	\$279,986 0 203,731 \$483,717 507,405 (\$23,688) 104.9% \$166,220					
	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)	0.24% 0.45% 5.52% 0.07% 0.76% N/A N/A	7.49% 1.20% 8.69% 0.16% 8.85% N/A 11.50%	4.69% 1.99% 6.68% 0.25% 6.93% N/A 9.50%	7.85% 0.80% 8.65% 0.10% 8.75% N/A 11.50%	8.30% 1.81% 10.11% 0.00% 10.11% 8.91% 12.50%	3.45% -0.90% 2.55% 0.26% 2.81% N/A 7.50%				
		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	8.1 years 0 2 1 40.8 years 1.8 years	26.1 years 11 20 9 43.8 years 9.0 years	26.4 years 7 13 12 43.4 years 5.4 years	29.3 years 1 20 6 36.6 years 11.9 years	27.2 years 4 20 46 43.1 years 5.3 years	24.9 years 2 4 0 52.3 years 15.7 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	\$609,525 2,477 154,489 \$766,491 402,310 \$364,181 52.5% \$446,495	\$2,159,102 854,121 281,719 \$3,294,942 2,868,496 \$426,446 87.1% \$3,644,065	\$39,839 61,987 0 \$101,826 71,273 \$30,553 70.0% \$195,620	\$406,287 122,086 1,065,403 \$1,593,776 1,948,468 (\$354,692) 122.3% \$789,732	\$359,968 225,364 150,673 \$736,005 \$49,514 \$186,491 74.7% \$209,927	\$321,518 90,201 0 \$411,719 500,121 (\$88,402) 121.5% \$473,623		
				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)	3.57% 4.90% 8.47% 0.14% 8.61% N/A N/A	2.71% 0.79% 3.50% 0.11% 3.61% N/A 12.50%	1.01% 2.08% 0.10% 2.18% N/A N/A	1.10% -1.10% 0.00% 0.00% N/A 7.50%	9.17% 5.32% 14.49% 0.27% 14.76% N/A N/A	3.91% -1.17% 2.74% 0.09% 2.83% N/A 11.50%	
					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	27.1 years 1 11 2 45.2 years 10.4 years	22.3 years 6 76 55 39.7 years 6.9 years	21.8 years 0 7 4 39.4 years 2.5 years	100.0 years 19 28 4 43.2 years 6.6 years	27.2 years 3 6 4 48.8 years 8.6 years	25.2 years 0 12 4 42.4 years 7.7 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Reno (Parker County)	Rhomb	Rice	Richardson	Richland Hills	Richland Springs	Richmond
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$50,561	\$392,762	\$39,107	\$179,791,617	\$10,910,327	\$24,854	\$14,197,002
b. Noncontributing Members	24,258	133,671	57,772	29,186,973	3,983,475	0	2,873,508
c. Annuitants	0	60,639	0	150,172,519	7,219,894	153,572	8,137,014
2. Total Actuarial Acrued Liability	\$74,819	\$587,072	\$96,879	\$359,151,109	\$22,113,696	\$178,426	\$25,207,524
3. Actuarial value of assets	104,846	499,188	129,596	313,084,736	17,870,012	195,810	20,970,763
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	(\$30,027)	\$87,884	(\$32,717)	\$46,066,373	\$4,243,684	(\$17,384)	\$4,236,761
5. Funded Ratio: (3) / (2)	140.1%	85.0%	133.8%	87.2%	80.8%	109.7%	83.2%
6. Annual Payroll	\$430,679	\$547,247	\$168,140	\$60,590,285	\$4,014,233	\$16,902	\$6,370,405
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%	6.81%	14.42%
Supplemental Death	0.10%	0.16%	0.08%	0.00%	0.23%	1.17%	0.17%
Total Rate	1.40%	2.69%	0.08%	14.79%	17.45%	7.98%	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							
Number of annuitants	24.9 years	21.8 years	100.0 years	27.2 years	27.2 years	25.0 years	27.3 years
Number of active contributing members	0	2	0	468	59	1	30
Number of inactive members	12	13	5	956	80	1	135
Average age of contributing members	17	21	6	304	88	0	70
Average length of service of contributing members	42.2 years	42.6 years	41.9 years	43.9 years	46.2 years	67.0 years	42.1 years
	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							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,455,578	\$132,136	\$3,562,235	\$262,924	\$82,298	\$5,149,091	\$9,350,016
b. Noncontributing Members	278,171	15,447	764,215	31,432	8,273	743,785	1,883,857
c. Annuitants	718,279	57,458	118,502	205,040	0	3,979,205	1,570,298
2. Total Actuarial Acrued Liability	\$2,452,028	\$205,041	\$4,444,952	\$499,396	\$90,571	\$9,872,081	\$12,804,171
3. Actuarial value of assets	1,846,409	61,173	2,716,219	299,773	137,028	7,578,768	9,342,109
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$605,619	\$143,868	\$1,728,733	\$199,623	(\$46,457)	\$2,293,313	\$3,462,062
5. Funded Ratio: (3) / (2)	75.3%	29.8%	61.1%	60.0%	151.3%	76.8%	73.0%
6. Annual Payroll	\$811,513	\$259,417	\$3,937,839	\$369,108	\$173,534	\$2,285,828	\$6,409,180
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.61%	1.43%	5.23%	0.66%	1.81%	10.73%	8.68%
Prior Service	4.45%	3.77%	2.63%	3.69%	-1.69%	6.00%	3.23%
Total Retirement	11.06%	5.20%	7.86%	4.35%	0.12%	16.73%	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%	4.53%	0.37%	17.00%	11.91%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	11.18%	N/A	N/A	N/A	N/A	16.31%	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	N/A	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.4 years	22.1 years	27.2 years	21.9 years	24.9 years	27.3 years	27.3 years
Number of active contributing members	7	1	5	3	0	41	16
Number of inactive members	18	7	114	10	7	60	109
Average age of contributing members	18	4	65	8	6	26	55
Average length of service of contributing members	45.4 years	40.6 years	39.0 years	41.1 years	49.4 years	43.6 years	39.4 years
	12.1 years	6.6 years	6.3 years	7.9 years	4.9 years	8.7 years	8.1 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Rosenberg	Rotan	Round Rock	Rowlett	Royce City	Rate	Runway Bay
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$22,021,655	\$175,921	\$96,047,670	\$51,272,065	\$2,008,451	\$128,821	\$216,183
b. Noncontributing Members	6,945,924	20,536	8,581,069	12,204,434	8,581,069	36,224	56,793
c. Annuitants	15,324,799	138,351	34,705,352	15,393,570	622,863	0	38,210
2. Total Actuarial Acrued Liability	\$44,292,378	\$334,808	\$139,334,091	\$78,870,069	\$3,276,858	\$165,045	\$311,186
3. Actuarial value of assets	33,596,232	317,589	103,664,204	61,940,838	2,267,612	159,139	411,281
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$10,696,146	\$17,219	\$35,669,887	\$16,929,231	\$1,009,246	\$5,906	\$(100,095)
5. Funded Ratio: (3) / (2)	75.9%	94.9%	74.4%	78.5%	69.2%	96.4%	132.2%
6. Annual Payroll	\$11,265,506	\$204,915	\$43,319,486	\$19,779,481	\$2,011,124	\$70,430	\$556,888
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	8.73%	1.20%	10.71%	10.92%	4.23%	6.70%	1.59%
Prior Service	5.70%	0.59%	4.95%	5.13%	3.36%	0.55%	-1.13%
Total Retirement	14.43%	1.79%	15.66%	16.05%	7.59%	7.25%	0.46%
Supplemental Death	0.13%	0.32%	0.11%	0.14%	0.14%	0.17%	0.20%
Total Rate	14.56%	2.11%	15.77%	16.19%	7.73%	7.45%	0.63%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	14.40%	N/A	14.62%	15.97%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	13.50%	11.50%	9.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.1 years	21.0 years	27.0 years	27.2 years	22.6 years	23.4 years	25.1 years
Number of active contributing members	97	4	154	88	12	0	2
Number of inactive members	213	5	785	326	43	3	15
Average age of contributing members	39.4 years	46.5 years	40.9 years	43.2 years	41.5 years	51.5 years	45.3 years
Average length of service of contributing members	10.3 years	10.9 years	9.6 years	11.9 years	7.7 years	10.3 years	6.4 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$252,291	\$1,390,942	\$399,244	\$10,076,904	\$15,647,802	\$11,578	\$179,657
b. Noncontributing Members	39,131	119,786	16,413	2,875,226	689,218	41,326	8,977
c. Annuitants	72,904	748,854	286,713	2,283,599	5,509,051	367,163	83,668
2. Total Actuarial Acrued Liability	\$364,326	\$2,259,582	\$702,370	\$11,088,671	\$21,846,071	\$20,067	\$272,302
3. Actuarial value of assets	205,750	1,993,006	711,717	\$4,147,058	12,487,496	491,147	226,990
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$158,576	\$266,576	\$(9,347)	\$6,941,613	\$9,358,575	\$28,920	\$45,312
5. Funded Ratio: (3) / (2)	56.5%	88.2%	101.3%	72.8%	57.2%	94.4%	83.4%
6. Annual Payroll	\$108,834	\$1,401,241	\$379,261	\$6,533,000	\$6,842,230	\$192,720	\$296,748
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.92%	5.27%	4.19%	7.08%	9.51%	2.56%	4.46%
Prior Service	8.77%	1.16%	-0.16%	3.80%	8.22%	0.91%	1.01%
Total Retirement	15.69%	6.43%	4.03%	10.88%	17.73%	3.47%	5.47%
Supplemental Death	0.37%	0.19%	0.25%	0.13%	0.12%	0.24%	0.27%
Total Rate	16.06%	6.62%	4.28%	11.01%	17.85%	3.71%	5.74%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	15.33%	6.49%	N/A	N/A	16.65%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	10.50%	9.50%	13.50%	N/A	10.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.0 years	26.4 years	23.8 years	27.2 years	27.1 years	26.6 years	23.1 years
Number of active contributing members	2	12	6	25	34	5	3
Number of inactive members	5	39	14	126	141	7	8
Average age of contributing members	2	11	18	68	38	9	3
Average length of service of contributing members	51.5 years	43.0 years	45.7 years	42.7 years	41.0 years	39.9 years	49.8 years
	8.5 years	7.4 years	9.6 years	9.5 years	10.8 years	6.5 years	5.8 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Schulenburg	Seabrook	Seadrift	Seagoville	Seagraves	Seely	Seguin
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$5,477,769	\$17,132,662	\$259,972	\$7,045,712	\$406,145	\$5,642,454	\$21,989,989
b. Noncontributing Members	232,970	1,918,012	6,709	1,160,783	78,339	2,278,109	4,692,038
c. Annuitants	4,130,370	6,041,368	51,360	1,941,446	1,154,617	1,272,085	21,971,278
2. Total Actuarial Accrued Liability	\$9,841,109	\$25,092,042	\$318,041	\$10,147,941	\$1,639,101	\$9,192,648	\$48,653,305
3. Actuarial value of assets	7,399,765	18,532,353	201,209	8,551,609	1,268,269	6,546,968	44,201,707
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$2,441,344	\$6,559,689	\$116,832	\$1,596,332	\$370,832	\$2,645,680	\$4,451,598
5. Funded Ratio: (3) / (2)	75.2%	73.9%	63.3%	84.3%	77.4%	71.2%	90.9%
6. Annual Payroll	\$1,624,125	\$5,489,387	\$344,354	\$4,235,841	\$439,575	\$2,668,671	\$13,132,435
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%	5.05%	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	26.9 years	22.0 years	22.1 years	27.2 years	27.1 years	18.7 years
Number of annuitants	18	32	1	25	11	13	166
Number of active contributing members	37	89	9	91	14	54	297
Number of inactive members	11	24	1	57	15	27	114
Average age of contributing members	46.1 years	45.1 years	46.0 years	42.1 years	37.0 years	42.1 years	42.6 years
Average length of service of contributing members	15.1 years	12.5 years	10.2 years	10.0 years	4.4 years	10.5 years	10.5 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$6,214,009	\$6,072,306	\$175,328	\$1,413,197	\$334,584	\$1,023,179	\$2,199,928
b. Noncontributing Members	338,146	1,176,241	431,873	353,277	333,644	17,412	1,101,557
c. Annuitants	1,571,876	3,840,271	291,579	1,427,706	45,083	576,414	324,855
2. Total Actuarial Accrued Liability	\$8,124,031	\$11,088,818	\$898,780	\$3,194,180	\$717,311	\$1,617,005	\$3,626,340
3. Actuarial value of assets	6,156,335	9,043,455	1,114,750	2,724,791	770,401	1,138,536	2,618,995
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,967,696	\$2,045,363	(\$215,970)	\$469,389	(\$57,090)	\$478,469	\$1,007,345
5. Funded Ratio: (3) / (2)	75.8%	81.6%	124.0%	85.3%	108.0%	70.4%	72.2%
6. Annual Payroll	\$3,532,229	\$2,279,091	\$486,364	\$1,003,220	\$441,635	\$640,358	\$1,970,706
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%	2.81%	-0.81%	4.52%	3.47%
Total Retirement	12.80%	16.10%	1.74%	8.11%	2.88%	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%	1.86%	8.38%	3.07%	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	26.9 years	24.9 years	27.1 years	25.2 years	26.8 years	22.1 years
Number of annuitants	8	24	5	20	1	12	11
Number of active contributing members	72	55	30	30	18	47	47
Number of inactive members	22	37	35	14	10	5	78
Average age of contributing members	39.8 years	39.9 years	39.2 years	44.0 years	44.3 years	52.5 years	40.5 years
Average length of service of contributing members	8.4 years	8.3 years	1.7 years	10.4 years	7.2 years	13.6 years	7.4 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$2,199,928	\$1,023,179	\$1,023,179	\$1,023,179	\$334,584	\$1,023,179	\$2,199,928
b. Noncontributing Members	1,101,557	17,412	431,873	353,277	333,644	17,412	1,101,557
c. Annuitants	324,855	576,414	291,579	1,427,706	45,083	576,414	324,855
2. Total Actuarial Accrued Liability	\$3,626,340	\$1,617,005	\$898,780	\$3,194,180	\$717,311	\$1,617,005	\$3,626,340
3. Actuarial value of assets	2,618,995	1,138,536	1,114,750	2,724,791	770,401	1,138,536	2,618,995
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$1,007,345	\$478,469	(\$215,970)	\$469,389	(\$57,090)	\$478,469	\$1,007,345
5. Funded Ratio: (3) / (2)	72.2%	70.4%	124.0%	85.3%	108.0%	70.4%	72.2%
6. Annual Payroll	\$1,970,706	\$640,358	\$486,364	\$1,003,220	\$441,635	\$640,358	\$1,970,706
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.14%	4.82%	4.54%	5.30%	3.69%	4.82%	6.14%
Prior Service	3.47%	4.52%	-2.80%	2.81%	-0.81%	4.52%	3.47%
Total Retirement	9.61%	9.34%	1.74%	8.11%	2.88%	9.34%	9.61%
Supplemental Death	0.17%	0.39%	0.12%	0.27%	0.19%	0.39%	0.17%
Total Rate	9.78%	9.73%	1.86%	8.38%	3.07%	9.73%	9.78%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	1.71%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	13.50%	8.50%	9.50%	N/A	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012	22.1 years	26.8 years	24.9 years	27.1 years	25.2 years	26.8 years	22.1 years
Number of annuitants	11	12	5	20	1	12	11
Number of active contributing members	47	30	30	30	18	47	47
Number of inactive members	78	5	35	14	10	5	78
Average age of contributing members	40.5 years	52.5 years	39.2 years	44.0 years	44.3 years	52.5 years	40.5 years
Average length of service of contributing members	7.4 years	13.6 years	1.7 years	10.4 years	7.2 years	13.6 years	7.4 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Shenandoah	Shepherd	Sherman	Shiner	Shoreacres	Silbree	Silverton
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued 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	313,274	0	44,102,311	1,236,876	245,087	5,969,609	789,538
2. Total Actuarial Acrued Liability	\$6,182,064	\$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%	7.15%	0.87%	8.28%	27.25%
Total Retirement	12.81%	0.53%	15.21%	12.10%	4.80%	17.90%	36.83%
Supplemental Death	0.13%	0.10%	0.19%	0.24%	0.19%	0.00%	0.55%
Total Rate	12.94%	0.63%	15.40%	12.34%	4.99%	17.90%	37.38%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	17.78%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	N/A	9.50%	N/A	N/A
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 Acrued 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	1,720,539	106,104	777,413	775,706	0	1,929,125	27,416
c. Annuitants	1,279,201	2,970	2,221,897	837,231	0	11,351,372	120,669
2. Total Actuarial Acrued Liability	\$4,594,871	\$112,319	\$5,418,988	\$3,551,502	\$98,026	\$23,058,349	\$197,456
3. Actuarial value of assets	4,012,339	154,052	5,349,381	3,036,790	97,208	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	\$1,591,395	\$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%	11.41%	2.03%
Prior Service	2.18%	-1.13%	0.23%	1.67%	1.29%	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 Acrued 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	1,720,539	106,104	777,413	775,706	0	1,929,125	27,416
c. Annuitants	1,279,201	2,970	2,221,897	837,231	0	11,351,372	120,669
2. Total Actuarial Acrued Liability	\$4,594,871	\$112,319	\$5,418,988	\$3,551,502	\$98,026	\$23,058,349	\$197,456
3. Actuarial value of assets	4,012,339	154,052	5,349,381	3,036,790	97,208	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	\$1,591,395	\$93,549	\$1,816,222	\$1,854,340	\$57,099	\$3,799,931	\$262,017

Actuarial Valuation of Participating Municipalities

CONTINUED

	Somerville	Sonoma	Sour Lake	South Houston	South Padre Island	Southlake	Southside Place
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$396,591	\$1,037,828	\$321,055	\$8,615,123	\$12,564,719	\$32,983,052	\$2,066,262
b. Noncontributing Members	167,762	466,336	167,115	1,133,831	7,821,242	7,821,242	187,018
c. Annuitants	199,176	1,810,743	0	6,812,344	3,260,510	10,119,034	819,464
2. Total Actuarial Acrued Liability	\$763,529	\$3,314,907	\$488,170	\$16,561,298	\$18,452,536	\$50,923,328	\$3,072,744
3. Actuarial value of assets	713,568	2,725,430	557,360	13,794,065	15,874,558	41,253,618	2,427,179
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$49,961	\$589,477	(\$69,190)	\$2,767,233	\$2,577,978	\$9,669,710	\$645,565
5. Funded Ratio: (3) / (2)	93.5%	82.2%	114.2%	83.3%	86.0%	81.0%	79.0%
6. Annual Payroll	\$454,802	\$984,433	\$538,615	\$4,610,519	\$6,508,674	\$16,707,329	\$927,182
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.71%	5.04%	1.23%	8.67%	10.37%	8.12%	8.13%
Prior Service	0.64%	3.67%	-0.81%	3.61%	2.37%	3.47%	4.07%
Total Retirement	6.35%	8.71%	0.42%	12.28%	12.74%	11.59%	12.20%
Supplemental Death	0.27%	0.24%	0.16%	0.19%	0.15%	0.23%	0.23%
Total Rate	6.62%	8.95%	0.58%	12.47%	12.89%	11.71%	12.43%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	6.50%	N/A	N/A	11.07%	11.96%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	N/A	7.50%	11.50%	13.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	28.6 years	26.2 years	24.9 years	27.0 years	27.3 years	27.2 years	28.4 years
Number of active contributing members	5	21	0	51	25	55	8
Number of inactive members	14	29	14	116	148	280	19
Average age of contributing members	13	20	29	49	59	124	7
Average length of service of contributing members	48.5 years	45.5 years	41.6 years	44.3 years	42.8 years	40.7 years	43.0 years
	7.4 years	8.3 years	8.0 years	9.7 years	8.8 years	10.4 years	10.8 years
	Spearman	Spring Valley	Springtown	Spur	Stafford	Stafford	Stanton
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$838,006	\$4,384,214	\$1,214,497	\$263,415	\$15,568,697	\$643,065	\$1,419,518
b. Noncontributing Members	403,136	926,190	663,970	197,005	2,851,260	246,916	234,461
c. Annuitants	3,353,064	1,895,731	553,901	0	7,237,822	1,746,407	156,076
2. Total Actuarial Acrued Liability	\$4,594,206	\$7,206,135	\$2,432,368	\$460,420	\$25,657,779	\$2,636,388	\$1,810,055
3. Actuarial value of assets	3,871,248	6,749,892	2,210,915	449,474	21,884,303	2,453,118	1,595,778
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$722,958	\$456,243	\$221,453	\$10,946	\$3,773,476	\$183,270	\$214,277
5. Funded Ratio: (3) / (2)	84.3%	93.7%	90.9%	97.6%	85.3%	93.0%	88.2%
6. Annual Payroll	\$658,288	\$2,014,805	\$1,451,453	\$288,540	\$6,164,125	\$782,065	\$843,217
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	7.39%	5.46%	7.28%	2.05%	11.92%	4.31%	6.03%
Prior Service	6.60%	1.38%	0.91%	0.26%	3.67%	1.40%	1.54%
Total Retirement	13.99%	6.84%	8.19%	2.31%	15.59%	5.71%	7.57%
Supplemental Death	0.17%	0.22%	0.14%	0.13%	0.19%	0.40%	0.24%
Total Rate	14.16%	7.06%	8.33%	2.44%	15.78%	6.11%	7.81%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	13.18%	N/A	N/A	N/A	14.25%	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	13.50%	N/A	N/A	9.50%	9.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.1 years	26.4 years	27.4 years	21.8 years	27.2 years	27.3 years	26.7 years
Number of active contributing members	18	10	10	0	38	20	5
Number of inactive members	21	37	40	10	125	18	8
Average age of contributing members	28	19	37	6	45	27	42.8 years
Average length of service of contributing members	43.8 years	47.1 years	41.8 years	50.3 years	43.6 years	48.1 years	11.9 years
	6.4 years	14.2 years	5.9 years	9.2 years	9.9 years	6.6 years	

Actuarial Valuation of Participating Municipalities

CONTINUED

	Star Harbor	Stephenville	Sterling City	Sinnott	Stratford	Sudan	Sugar Land
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$184,637	\$17,961,193	\$176,307	\$534,049	\$284,455	\$179,128	\$91,567,568
b. Noncontributing Members	267,611	2,299,584	17,314	603,215	150,775	9,303	10,802,227
c. Annuitants	117,150	8,438,165	89,056	77,262	510,110	270,133	19,957,657
2. Total Actuarial Accrued Liability	\$569,398	\$28,698,942	\$282,677	\$1,214,526	\$945,340	\$458,564	\$122,327,452
3. Actuarial value of assets	502,629	23,356,321	306,581	1,503,337	629,203	486,428	97,156,861
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$67,769	\$5,342,621	(\$23,904)	(\$288,811)	\$316,137	(\$27,864)	\$25,170,591
5. Funded Ratio: (3) / (2)	88.3%	81.4%	108.5%	123.8%	66.6%	106.1%	79.4%
6. Annual Payroll	\$160,679	\$6,345,408	\$177,333	\$465,820	\$428,709	\$229,252	\$37,227,194
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	9.54%	10.81%	2.13%	4.08%	5.21%	1.58%	11.00%
Prior Service	2.51%	5.07%	-0.85%	-3.90%	4.47%	-0.64%	4.06%
Total Retirement	12.05%	15.88%	1.28%	0.18%	9.68%	0.94%	15.06%
Supplemental Death	0.49%	0.17%	0.00%	0.25%	0.56%	0.00%	0.13%
Total Rate	12.54%	16.05%	1.28%	0.43%	10.24%	0.94%	15.19%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	11.67%	15.32%	N/A	N/A	N/A	N/A	14.72%
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	7.50%	9.50%	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	26.8 years	27.0 years	24.9 years	25.0 years	26.7 years	34.8 years	27.1 years
Number of active contributing members	4	54	3	3	8	3	87
Number of inactive members	4	137	6	11	11	7	610
Average age of contributing members	5	51	1	12	25	1	196
Average length of service of contributing members	47.5 years	43.2 years	47.0 years	47.1 years	48.0 years	40.4 years	41.7 years
	8.4 years	12.2 years	12.1 years	8.6 years	5.0 years	10.2 years	11.1 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$13,743,369	\$449,565	\$2,150,442	\$879,094	\$90,636	\$1,723,110	\$154,109
b. Noncontributing Members	1,842,711	629,136	459,810	103,977	16,607	648,359	142,356
c. Annuitants	10,289,698	1,005,692	878,764	957,757	42,578	444,296	0
2. Total Actuarial Accrued Liability	\$25,875,778	\$2,084,393	\$3,489,016	\$1,940,828	\$149,821	\$2,815,765	\$296,465
3. Actuarial value of assets	26,095,670	1,822,664	2,438,267	1,210,452	142,987	2,359,704	347,819
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	(\$219,892)	\$261,730	\$1,050,749	\$730,376	\$6,834	\$456,061	(\$51,354)
5. Funded Ratio: (3) / (2)	100.8%	87.4%	69.9%	62.4%	95.4%	83.8%	117.3%
6. Annual Payroll	\$6,480,497	\$532,151	\$1,455,284	\$458,090	\$223,944	\$1,445,510	\$594,225
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	6.50%	3.94%	8.11%	11.09%	0.48%	7.32%	1.10%
Prior Service	-0.21%	3.33%	4.33%	9.59%	0.21%	1.90%	-0.54%
Total Retirement	6.29%	7.27%	12.44%	20.68%	0.69%	9.22%	0.56%
Supplemental Death	0.20%	0.19%	0.22%	0.26%	0.15%	0.11%	0.12%
Total Rate	6.49%	7.46%	12.66%	20.94%	0.84%	9.33%	0.68%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	19.72%	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	12.50%	N/A	7.50%	13.50%	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	25.7 years	22.2 years	27.2 years	27.0 years	21.7 years	27.0 years	25.3 years
Number of active contributing members	81	10	7	8	1	3	0
Number of inactive members	131	16	27	11	6	30	17
Average age of contributing members	33	12	13	11	6	22	30
Average length of service of contributing members	45.0 years	42.8 years	44.3 years	39.9 years	42.6 years	41.0 years	41.1 years
	13.2 years	6.4 years	8.7 years	8.2 years	8.2 years	6.7 years	3.8 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Sweeny	Sweetwater	T.M.R.S.	Taft	Tahoka	Tatum	Taylor
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,584,764	\$11,076,294	\$11,598,068	\$423,224	\$974,276	\$98,016	\$10,995,989
b. Noncontributing Members	177,653	986,381	3,954,529	336,169	54,563	49,221	2,397,345
c. Annuitants	2,694,465	10,856,584	9,040,329	756,623	578,997	131,998	5,950,200
2. Total Actuarial Acrued 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 acrued 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%	2.67%	0.30%	0.16%	0.20%
Total Rate	21.08%	19.87%	16.16%	5.08%	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							
Number of annuitants	26.8 years	27.2 years	27.2 years	13.9 years	25.0 years	22.3 years	26.9 years
Number of active contributing members	15	63	18	9	7	5	57
Number of inactive members	20	103	77	42	15	7	143
Average age of contributing members	4	23	25	33	3	8	83
Average length of service of contributing members	8.3 years	43.1 years	44.7 years	40.3 years	44.5 years	44.6 years	42.4 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 Acrued Liability							
a. Contributing Members	\$886,004	\$65,244,495	\$172,000	\$19,494,811	\$4,161,991	\$16,339,595	\$14,636,313
b. Noncontributing Members	487,739	10,640,504	29,641	1,965,593	1,443,628	5,792,989	2,888,792
c. Annuitants	722,674	56,343,204	35,368	15,940,374	2,679,319	16,263,855	16,230,064
2. Total Actuarial Acrued 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	240,890	28,512,948	6,756,250	31,172,648	26,309,455
4. Unfunded/(overfunded) actuarial acrued 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							
Number of annuitants	27.1 years	27.2 years	24.6 years	27.3 years	26.9 years	27.2 years	27.2 years
Number of active contributing members	16	282	2	89	17	117	55
Number of inactive members	20	611	6	161	49	225	87
Average age of contributing members	46.6 years	43.1 years	49.4 years	41.8 years	38.0 years	45.6 years	38.4 years
Average length of service of contributing members	6.1 years	10.0 years	6.9 years	10.5 years	9.4 years	9.2 years	12.6 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Texarkana Water Utilities	Texas City	Texas Municipal League	Texas Municipal League IE	Texas Municipal League IR	Texoma	The Colony	
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	\$16,347,261	\$45,200,829	\$6,050,957	\$9,886,864	\$59,310,005	\$25,319	\$34,917,617	
	934,104	5,400,975	1,814,068	3,043,292	3,681,637	0	6,491,546	
	11,148,012	56,210,335	6,147,755	466,926	5,770,315	15,701	12,041,567	
	\$28,429,377	\$106,812,139	\$14,012,780	\$13,397,082	\$68,761,957	\$41,020	\$53,450,730	
	20,704,900	87,744,104	11,788,621	15,427,441	57,389,272	49,506	43,409,635	
	\$7,724,477	\$19,068,035	\$2,224,159	(\$2,030,359)	\$11,372,685	(\$8,486)	\$10,041,095	
	72.8%	82.1%	84.1%	115.2%	83.5%	120.7%	81.2%	
	\$6,119,551	\$18,997,971	\$2,590,554	\$8,080,453	\$19,469,793	\$25,952	\$15,986,452	
	CITY CONTRIBUTION RATES FOR 2012							
	Retirement							
Normal Cost	11.85%	11.24%	9.90%	4.85%	12.23%	3.64%	8.49%	
Prior Service	7.57%	6.02%	5.15%	-1.58%	3.49%	-2.06%	3.76%	
Total Retirement	19.42%	17.26%	15.05%	3.27%	15.72%	1.58%	12.25%	
Supplemental Death	0.00%	0.00%	0.17%	0.16%	0.17%	0.35%	0.14%	
Total Rate	19.42%	17.26%	15.22%	3.43%	15.89%	1.93%	12.39%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	18.55%	N/A	N/A	N/A	N/A	N/A	N/A	
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	12.50%	N/A	7.50%	N/A	
ADDITIONAL INFORMATION GASB 25 Equivalent Single Amortization Period as of 1/2012								
Number of annuitants	272 years	272 years	271 years	250 years	273 years	250 years	272 years	
Number of active contributing members	81	244	16	7	23	1	85	
Number of inactive members	148	434	30	119	235	2	281	
Average age of contributing members	26	185	21	67	41	0	139	
Average length of service of contributing members	44.5 years	41.4 years	45.0 years	47.4 years	47.6 years	55.5 years	42.4 years	
	11.5 years	9.0 years	12.7 years	9.1 years	13.0 years	9.6 years	10.6 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	\$79,172	\$323,725	\$2,429,901	\$103,558	\$202,413	\$355,118	\$103,646	
	0	44,649	234,121	187,838	13,869	22,916	12,526	
	11,574	\$379,948	\$2,951,527	\$558,750	\$216,282	\$508,421	\$116,172	
	\$79,172	415,360	2,703,469	513,739	186,673	478,947	0	
	68,483	(\$35,412)	\$248,058	\$45,011	\$29,609	\$29,474	(\$53,125)	
	86.5%	109.3%	91.6%	91.9%	86.3%	94.2%	145.7%	
	\$108,529	\$289,308	\$1,304,269	\$142,816	\$375,626	\$317,594	\$187,858	
	CITY CONTRIBUTION RATES FOR 2012							
	Retirement							
	Normal Cost	2.36%	4.92%	5.33%	3.73%	1.66%	2.51%	1.86%
Prior Service	0.67%	-0.77%	1.14%	1.93%	0.54%	0.57%	-1.78%	
Total Retirement	3.03%	4.15%	6.47%	5.66%	2.20%	3.08%	0.08%	
Supplemental Death	0.30%	0.23%	0.37%	0.30%	0.20%	0.23%	0.17%	
Total Rate	3.33%	4.38%	6.84%	5.96%	2.40%	3.31%	0.25%	
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	6.62%	N/A	N/A	N/A	N/A	
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	7.50%	9.50%	N/A	7.50%	7.50%	
ADDITIONAL INFORMATION GASB 25 Equivalent Single Amortization Period as of 1/2012								
Number of annuitants	220 years	250 years	272 years	262 years	218 years	261 years	250 years	
Number of active contributing members	0	1	4	4	0	5	0	
Number of inactive members	3	9	37	5	8	8	5	
Average age of contributing members	0	6	9	5	3	5	8	
Average length of service of contributing members	54.4 years	50.2 years	49.9 years	42.9 years	45.7 years	45.0 years	45.8 years	
	9.9 years	9.4 years	13.3 years	7.3 years	7.4 years	9.5 years	7.9 years	

Actuarial Valuation of Participating Municipalities

CONTINUED

	Tolar	Tom Bean	Tomball	Trent	Trenton	Trinidad	Trinity
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$194,144	\$56,671	\$13,726,107	\$68,492	\$29,719	\$201,151	\$156,416
b. Noncontributing Members	16,100	25,041	2,588,385	0	85,732	11,701	139,468
c. Annuitants	0	69,124	6,854,310	14,356	170,755	199,603	383,238
2. Total Actuarial Acrued Liability	\$210,244	\$150,836	\$23,168,802	\$82,848	\$286,206	\$412,455	\$679,122
3. Actuarial value of assets	187,864	139,499	17,806,137	81,881	281,947	324,522	697,509
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$22,380	\$11,337	\$5,362,665	\$967	\$4,259	\$87,933	\$(18,387)
5. Funded Ratio: (3) / (2)	89.4%	92.5%	76.9%	98.8%	98.5%	78.7%	102.7%
6. Annual Payroll	\$204,080	\$210,336	\$7,298,251	\$67,342	\$168,140	\$228,342	\$713,121
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	4.63%	0.76%	9.05%	3.93%	3.04%	2.55%	1.40%
Prior Service	0.75%	0.37%	4.40%	1.07%	0.17%	2.63%	-0.16%
Total Retirement	5.38%	1.13%	13.45%	5.00%	3.21%	5.18%	1.24%
Supplemental Death	0.15%	0.10%	0.18%	0.36%	0.16%	0.31%	0.14%
Total Rate	5.53%	1.23%	13.63%	5.36%	3.37%	5.49%	1.38%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	7.50%	N/A	11.50%	9.50%	7.50%	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	21.9 years	21.7 years	27.2 years	1.4 years	22.5 years	21.9 years	25.6 years
Number of active contributing members	0	1	39	1	1	5	6
Number of inactive members	5	7	137	2	6	7	29
Average age of contributing members	4	11	39	0	10	2	26
Average length of service of contributing members	51.2 years	40.5 years	43.9 years	55.7 years	41.2 years	51.8 years	40.4 years
	9.2 years	4.4 years	10.2 years	14.0 years	2.2 years	9.6 years	3.6 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$6,787,929	\$258,490	\$143,605	\$3,284,850	\$167,768	\$152,488	\$85,442,312
b. Noncontributing Members	2,428,713	331,540	21,919	673,543	24,236	69,320	12,407,192
c. Annuitants	2,272,385	238,497	181,824	2,816,030	12,798	228,629	68,487,986
2. Total Actuarial Acrued Liability	\$11,489,027	\$828,527	\$347,348	\$6,774,423	\$204,802	\$450,437	\$166,337,490
3. Actuarial value of assets	7,520,704	701,297	388,923	6,031,125	140,261	359,398	116,036,178
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$3,968,323	\$127,230	\$(41,575)	\$743,298	\$64,541	\$91,039	\$50,301,312
5. Funded Ratio: (3) / (2)	65.5%	84.6%	112.0%	89.0%	68.5%	79.8%	69.8%
6. Annual Payroll	\$4,299,473	\$686,191	\$292,608	\$1,196,462	\$69,727	\$374,255	\$30,705,705
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	8.16%	2.62%	2.07%	10.96%	4.98%	0.37%	11.95%
Prior Service	5.53%	1.08%	-0.89%	3.76%	5.60%	1.74%	9.82%
Total Retirement	13.69%	3.70%	1.18%	14.72%	10.58%	2.11%	21.77%
Supplemental Death	0.13%	0.24%	0.42%	0.25%	0.29%	0.11%	0.20%
Total Rate	13.82%	3.94%	1.60%	14.97%	10.87%	2.22%	21.97%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	19.85%
Statutory Maximum Rate (Total Retirement Only)	N/A	9.50%	7.50%	N/A	N/A	N/A	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	28.6 years	25.2 years	26.7 years	26.7 years	20.4 years	27.2 years
Number of active contributing members	13	5	7	1	1	2	414
Number of inactive members	74	22	8	34	4	10	623
Average age of contributing members	59	16	3	20	1	5	178
Average length of service of contributing members	41.6 years	43.4 years	45.8 years	39.9 years	51.3 years	38.0 years	44.2 years
	9.5 years	4.9 years	5.8 years	10.7 years	16.4 years	7.5 years	10.8 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Wake Village	Waller	Walls	Walnut Springs	Waskom	Watanga	Waxahachie
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$758,730	\$1,195,535	\$451,410	\$57,295	\$1,052,739	\$16,109,961	\$24,905,513
b. Noncontributing Members	478,206	89,721	89,721	0	46,943	6,164,784	3,150,549
c. Annuitants	1,273,036	598,893	203,544	9,131	246,266	6,213,763	13,476,698
2. Total Actuarial Acrued Liability	\$2,509,972	\$2,045,899	\$744,675	\$66,426	\$1,345,948	\$28,488,508	\$41,532,760
3. Actuarial value of assets	1,979,562	2,037,066	714,083	65,595	1,012,961	23,366,784	30,402,604
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$530,410	\$8,833	\$30,592	\$8831	\$332,987	\$5,121,724	\$11,130,156
5. Funded Ratio: (3) / (2)	78.9%	99.6%	95.9%	98.7%	75.3%	82.0%	73.2%
6. Annual Payroll	\$787,403	\$956,281	\$355,826	\$75,866	\$739,340	\$8,432,344	\$10,915,092
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.77%	4.35%	3.50%	1.93%	4.08%	8.85%	10.80%
Prior Service	4.04%	0.06%	0.59%	0.97%	2.70%	3.63%	6.15%
Total Retirement	9.81%	4.41%	4.09%	2.90%	6.78%	12.48%	16.95%
Supplemental Death	0.24%	0.29%	0.16%	0.17%	0.19%	0.15%	0.19%
Total Rate	10.05%	4.70%	4.25%	3.09%	6.95%	12.63%	17.14%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	15.85%
Statutory Maximum Rate (Total Retirement Only)	13.50%	9.50%	8.50%	N/A	7.50%	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	23.7 years	21.8 years	1.2 years	27.2 years	27.3 years	26.9 years
Number of active contributing members	16	12	3	1	5	47	76
Number of inactive members	23	23	11	2	19	191	210
Average age of contributing members	12	15	12	0	9	134	37
Average length of service of contributing members	41.2 years	51.1 years	45.3 years	52.1 years	46.4 years	40.0 years	43.5 years
	7.8 years	10.3 years	8.6 years	10.7 years	9.6 years	8.6 years	9.9 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$43,108,042	\$21,214,070	\$2,940,863	\$1,353,702	\$105,244	\$12,825,835	\$546,674
b. Noncontributing Members	6,168,964	4,084,315	553,777	62,884	51,110	4,413,343	28,705
c. Annuitants	29,049,708	11,296,258	2,047,444	863,083	90,920	10,239,874	831,157
2. Total Actuarial Acrued Liability	\$78,326,714	\$36,594,643	\$5,542,084	\$2,279,669	\$247,274	\$27,479,052	\$1,406,536
3. Actuarial value of assets	\$9,110,509	27,763,966	4,318,794	2,403,861	231,916	28,318,513	1,551,724
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$19,216,205	\$8,830,677	\$1,223,290	(\$124,192)	\$15,358	(\$839,461)	(\$145,188)
5. Funded Ratio: (3) / (2)	75.5%	75.9%	77.9%	105.4%	93.8%	103.1%	110.3%
6. Annual Payroll	\$18,204,776	\$9,288,537	\$1,153,102	\$393,166	\$106,281	\$9,802,203	\$674,965
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	10.65%	10.59%	11.11%	9.27%	4.73%	4.23%	3.23%
Prior Service	6.33%	5.70%	6.40%	-1.99%	0.86%	-0.54%	-1.35%
Total Retirement	16.98%	16.29%	17.51%	7.28%	5.59%	3.69%	1.88%
Supplemental Death	0.16%	0.17%	0.31%	0.37%	0.00%	0.17%	0.20%
Total Rate	17.14%	16.46%	17.82%	7.65%	5.59%	3.86%	2.08%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	16.67%	16.12%	16.80%	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	N/A	N/A	N/A	7.50%	N/A	9.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.2 years	27.2 years	26.9 years	25.0 years	27.5 years	24.9 years	25.1 years
Number of active contributing members	146	58	19	11	2	91	10
Number of inactive members	333	173	26	13	3	223	21
Average age of contributing members	122	66	9	5	5	108	5
Average length of service of contributing members	40.8 years	42.3 years	51.4 years	51.7 years	52.0 years	42.5 years	42.1 years
	9.9 years	10.8 years	12.6 years	17.7 years	7.4 years	10.3 years	8.1 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	West Columbia	West Lake Hills	West Orange	West Tawakoni	West Univ. Place	Westlake	Westover Hills
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,547,493	\$2,898,486	\$3,071,493	\$686,202	\$13,425,916	\$1,440,691	\$363,390
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: (2) - (3)	(\$387,482)	\$1,134,473	\$1,677,781	\$332,921	\$4,969,533	\$333,762	\$46,458
5. Funded Ratio: (3) / (2)	113.1%	78.1%	74.8%	61.5%	85.7%	84.8%	97.1%
6. Annual Payroll	\$1,224,241	\$1,601,634	\$1,200,446	\$569,644	\$7,784,490	\$1,574,227	\$889,042
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	0.00%	0.24%	0.00%	0.24%	0.16%	0.11%	0.34%
Total Rate	3.52%	13.10%	18.84%	10.48%	10.40%	6.52%	0.69%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	11.50%	N/A	N/A	N/A	N/A	N/A	7.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	25.0 years	27.4 years	26.9 years	22.1 years	27.1 years	21.6 years	22.6 years
Number of active contributing members	15	15	17	5	74	2	17
Number of inactive members	34	29	25	14	116	25	20
Average age of contributing members	16	22	10	11	76	17	5
Average length of service of contributing members	44.4 years	45.5 years	45.1 years	47.8 years	41.1 years	40.5 years	48.4 years
	8.2 years	9.5 years	10.7 years	9.7 years	10.5 years	7.0 years	10.1 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$1,395,896	\$6,182,563	\$574,845	\$82,945	\$2,572,281	\$6,624,699	\$130,450
b. Noncontributing Members	704,884	1,631,707	14,395	77,597	816,515	4,606,517	160,794
c. Annuitants	432,905	2,350,556	269,979	\$438,750	4,945,266	7,262,861	218,240
2. Total Actuarial Accrued Liability	\$2,533,685	\$10,164,826	\$859,219	\$1,359,292	\$8,334,062	\$18,494,077	\$509,484
3. Actuarial value of assets	1,911,345	8,856,728	775,413	309,681	6,993,758	15,709,426	388,786
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$622,340	\$1,308,098	\$83,806	\$129,069	\$1,340,304	\$2,784,651	\$120,698
5. Funded Ratio: (3) / (2)	75.4%	87.1%	90.2%	70.6%	83.9%	84.9%	76.3%
6. Annual Payroll	\$1,362,195	\$3,860,522	\$1,667,769	\$271,087	\$1,722,570	\$5,027,009	\$117,407
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.53%	5.83%	11.39%	2.77%	7.98%	6.61%	6.59%
Prior Service	2.72%	2.03%	3.07%	2.85%	4.66%	3.31%	6.16%
Total Retirement	8.25%	7.86%	14.46%	5.62%	12.64%	9.92%	12.75%
Supplemental Death	0.12%	0.18%	0.22%	0.29%	0.15%	0.16%	0.28%
Total Rate	8.37%	8.04%	14.68%	5.91%	12.79%	10.08%	13.03%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	12.71%	5.57%	N/A	N/A	12.73%
Statutory Maximum Rate (Total Retirement Only)	13.50%	9.50%	N/A	7.50%	N/A	11.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.5 years	27.2 years	26.3 years	27.2 years	27.2 years	27.3 years	27.2 years
Number of active contributing members	6	25	1	4	25	48	2
Number of inactive members	30	87	6	8	46	112	3
Average age of contributing members	29	28	1	8	27	109	1
Average length of service of contributing members	41.3 years	44.1 years	47.5 years	47.2 years	40.3 years	42.0 years	45.2 years
	8.6 years	11.8 years	10.9 years	3.6 years	7.4 years	8.5 years	8.4 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Whitehouse	Whitesboro	Whitewright	Whitney	Wichita Falls	Willis	Willow Park
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,730,753	\$2,420,111	\$307,765	\$237,790	\$80,505,498	\$2,089,720	\$364,942
b. Noncontributing Members	445,305	697,245	166,241	181,937	12,308,814	142,424	142,424
c. Annuitants	\$32,082	1,097,130	257,525	150,805	101,176,318	862,064	28,024
2. Total Actuarial Acrued Liability	\$2,208,140	\$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 acrued liability: (2) - (3)	\$128,568	\$454,523	(\$19,295)	\$84,090	\$38,181,590	\$656,405	\$237,346
5. Funded Ratio: (3) / (2)	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%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Statutory Maximum Rate (Total Retirement Only)	9.50%	9.50%	9.50%	7.50%	N/A	13.50%	N/A
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	28.6 years	27.0 years	25.0 years	26.2 years	27.0 years	27.1 years	22.0 years
Number of active contributing members	6	18	6	6	494	14	1
Number of inactive members	38	47	17	18	998	34	35
Average age of contributing members	29	27	12	15	249	13	24
Average length of service of contributing members	40.2 years	44.7 years	38.0 years	44.1 years	44.5 years	40.6 years	40.5 years
	8.4 years	10.0 years	6.2 years	6.7 years	10.9 years	9.4 years	4.6 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Acrued Liability							
a. Contributing Members	\$1,781,008	\$751,325	\$87,946	\$2,292,819	\$160,060	\$1,542,184	\$318,656
b. Noncontributing Members	779,033	559,808	6,715	1,786,311	0	372,755	2,599
c. Annuitants	650,276	673,829	5,178	1,775,267	259,806	2,298,508	327,819
2. Total Actuarial Acrued Liability	\$3,210,317	\$1,984,962	\$99,839	\$5,854,397	\$419,866	\$4,213,447	\$649,074
3. Actuarial value of assets	2,302,014	2,071,264	73,409	5,122,505	473,320	3,428,557	507,999
4. Unfunded/(overfunded) actuarial acrued liability: (2) - (3)	\$908,303	(\$86,302)	\$26,430	\$731,893	(\$53,454)	\$784,890	\$141,075
5. Funded Ratio: (3) / (2)	71.7%	104.3%	73.5%	87.5%	112.7%	81.4%	78.3%
6. Annual Payroll	\$1,441,300	\$1,183,862	\$250,765	\$2,601,289	\$219,633	\$1,373,462	\$290,918
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	5.70%	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%
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	N/A	N/A	N/A	N/A	N/A	9.65%	N/A
Statutory Maximum Rate (Total Retirement Only)	N/A	11.50%	N/A	10.50%	N/A	11.50%	13.50%
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	26.7 years	24.9 years	21.9 years	27.1 years	25.1 years	27.3 years	27.5 years
Number of active contributing members	9	12	1	20	3	24	2
Number of inactive members	40	36	6	47	6	38	9
Average age of contributing members	24	38.6 years	45.1 years	44.9 years	50.0 years	42.9 years	39.6 years
Average length of service of contributing members	41.2 years	7.5 years	4.9 years	10.4 years	7.5 years	6.8 years	4.7 years

Actuarial Valuation of Participating Municipalities

CONTINUED

	Winters	Wofforth	Woodcreek	Woodshoro	Woodville	Woodway	Wortham
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
b. Noncontributing Members	564,952	216,658	46,526	4,387	286,581	2,135,549	76,020
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	10.15%	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							
Number of annuitants	27.1 years	27.1 years	24.8 years	25.4 years	27.4 years	27.1 years	25.0 years
Number of active contributing members	7	4	0	3	8	28	0
Number of inactive members	18	25	2	9	32	73	8
Average age of contributing members	22	12	1	1	10	42	16
Average length of service of contributing members	47.1 years	38.3 years	43.8 years	50.3 years	45.0 years	38.4 years	37.0 years
	9.7 years	7.3 years	1.3 years	7.9 years	10.5 years	8.7 years	6.1 years
SUMMARY OF ACTUARIAL INFORMATION							
1. Actuarial Accrued Liability							
a. Contributing Members	\$23,366,489	\$11,420,643	\$444,906	\$320,142			
b. Noncontributing Members	4,199,743	1,084,565	31,629	3,517			
c. Annuitants	4,969,259	5,510,355	634,940	\$445,199			
2. Total Actuarial Accrued Liability	\$32,535,491	\$18,015,563	\$1,111,475	\$809,858			
3. Actuarial value of assets	\$21,948,981	14,297,256	1,181,235	390,548			
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	\$10,586,510	\$3,718,307	(\$69,760)	\$419,310			
5. Funded Ratio: (3) / (2)	67.5%	79.4%	106.3%	87.7%			
6. Annual Payroll	\$13,529,067	\$3,095,622	\$431,881	\$215,881			
CITY CONTRIBUTION RATES FOR 2012							
Retirement							
Normal Cost	8.73%	11.42%	3.24%	3.12%			
Prior Service	4.68%	7.23%	-1.02%	1.52%			
Total Retirement	13.41%	18.65%	2.22%	4.64%			
Supplemental Death	0.11%	0.30%	0.42%	0.00%			
Total Rate	13.52%	18.95%	2.64%	4.64%			
Phase-In Rate (Minimum Contribution), Incl. Supplemental Death	12.63%	18.00%	N/A	N/A			
Statutory Maximum Rate (Total Retirement Only)	13.50%	N/A	7.50%	9.50%			
ADDITIONAL INFORMATION							
GASB 25 Equivalent Single Amortization Period as of 1/2012							
Number of annuitants	27.3 years	27.0 years	24.9 years	27.1 years			
Number of active contributing members	43	40	10	1			
Number of inactive members	219	81	13	7			
Average age of contributing members	39.5 years	44.9 years	50.3 years	45.6 years			
Average length of service of contributing members	8.9 years	14.2 years	10.4 years	13.1 years			

Actuarial Valuation of Inactive Municipalities

	Crystal Beach	Florsville No. 1	Nacogdoches Mem Hosp	Roy H. Lard Mem Hospital	Santa Anna
SUMMARY OF ACTUARIAL INFORMATION					
1. Actuarial Acrued Liability	\$0	\$0	\$0	\$0	\$0
a. Contributing Members	524	0	0	6,376,698	0
b. Noncontributing Members	82,191	43,986	39,265	4,276,591	529
c. Annuitants	\$82,715	\$43,986	\$39,265	\$10,653,289	\$529
2. Total Actuarial Acrued Liability	302,841	52,292	1,376,622	9,619,657	358,016
3. Actuarial value of assets	(\$220,126)	(\$8,306)	(\$1,337,357)	\$1,033,632	(\$357,487)
4. Unfunded/(overfunded) actuarial accrued liability: (2) - (3)	366.1%	118.9%	3506.0%	90.3%	67677.9%
5. Funded Ratio: (3) / (2)	\$0	\$0	\$0	\$0	\$0
6. Annual Payroll	\$ -	\$ -	\$ -	\$ 102,329	\$ -
CITY CONTRIBUTION AMOUNT FOR 2012	N/A	N/A	N/A	17 Years	N/A
Amortization Period					
ADDITIONAL INFORMATION					
Number of annuitants	1	1	2	53	1
Number of inactive members	1	0	0	56	0