## Comprehensive Annual Financial Report

## 2000

fiscal year ended December 31, 2009



The Employees' Retirement Fund of the City of Dallas provides retirement, disability, and survivor benefits to permanent civilian employees of the City of Dallas.

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

# COMPREHENSIVE ANNUAL FINANCIAL REPORT FOR THE FISCAL YEAR ENDED DECEMBER 31, 2009 

## CHERYL D. ALSTON EXECUTIVE DIRECTOR

Office Location and Mailing Address EMPLOYEES' RETIREMENT FUND 600 North Pearl, Suite 2450 Dallas, Texas 75201

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## INTRODUCTORY SECTION

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## LETTER OF TRANSMITTAL

August 19, 2010

Board of Trustees
Employees' Retirement Fund
600 North Pearl St., Suite 2450
Dallas, Texas 75201

Dear Board Members:
The comprehensive annual financial report (CAFR) of the Employees' Retirement Fund (ERF) for the fiscal year ended December 31, 2009 is submitted herewith. Our mission is to provide retirement benefits and superior service to advance the financial security of our members. Responsibility for both the accuracy of the data and the completeness and fairness of the presentation rests with me and the staff of ERF.

## Report Contents

This CAFR is divided into five sections:
Section One - Introductory Section, contains the administrative organization, a letter of transmittal, and the Plan Summary.
Section Two - Financial Section contains the report of the Independent Auditors, the financial statements of ERF and certain required supplementary information.
Section Three - Investment Section contains a report on investment activity, investment policies, investment results, and various investment schedules.
Section Four - Actuarial Section which contains an Actuary's Certification Letter and the results of the annual actuarial valuation.
Section Five - Statistical Section includes significant data pertaining to ERF.
I trust that you and the members of ERF will find this CAFR helpful in understanding your retirement plan.

## Plan Overview

ERF was established by ordinance in November 1943 and became effective in January 1944 after ratification by the voters of the City of Dallas. ERF is a single-employer defined benefit pension plan sponsored by the City of Dallas (the "City"), and it provides retirement, disability and death benefits to its members. All employees of the City are members except police officers, fire fighters, elected officers, non-salaried appointee members of administrative boards or commissions, part-time employees working less than one-half time, temporary employees, individuals working under contract, and individuals whose salaries are paid in part by another government agency. Members are entitled to retirement benefits at the date of eligibility for retirement after five years of service or to survivor benefits after two years of service.

## Investments

The Board of Trustees oversees ERF's portfolio, managers, and performance. It also reviews and approves potential investment opportunities, with input from the investment consultant and staff. The Board follows the "prudent person rule" which states that fiduciaries shall discharge their duties solely in the interest of ERF and its participants and beneficiaries with the degree of diligence, care and skill which prudent men and women would ordinarily exercise under similar circumstances in a like position.

2009 was a positive year for ERF with a total fund return of $30.62 \%$. The total return for the past three years was negative $2.15 \%$ and the last five years was $3.54 \%$. The Fund expects and assumes an investment rate of $8.25 \%$ over the long term, which encompasses many years in the future.

An integral part of the overall investment policy is the strategic asset allocation policy. This policy is designed to provide an optimal diversification to reduce risk and maximize total rate of return relative to risk. This emphasizes a maximum diversification of the portfolio that protects ERF from declines that a particular asset class may experience in a given period. Although traditional and alternative assets were incorporated into the asset allocation mix, the venture capital asset class is being liquidated from ERF's portfolio.

## Additions To Plan Net Assets

The collection of employer and member contributions, as well as income from investments, is intended to provide the reserves needed to finance retirement benefits. Contribution and investment income, including unrealized gains and losses, for 2009 totaled $\$ 677,016,000$. City and member contributions for the fiscal year were $\$ 57,000,000$, an increase of approximately $\$$ $2,000,000$ from prior year. This increase is attributed to the change in the contribution rates. The city contribution rate changed from $14.31 \%$ to $15.60 \%$ of which $7.64 \%$ is the Pension Obligation Bond Credit Rate. The City contribution to ERF increased from $7.93 \%$ to $7.96 \%$ and the member rate changed from $8.40 \%$ to $9.16 \%$. City contributions received in 2009 were $\$ 25,000,000$ and member contributions were $\$ 32,000,000$.

## Deductions To Plan Net Assets

The principal purpose for which ERF was established is to provide retirement benefits, survivor benefits, and total and permanent disability benefits to qualified members and their beneficiaries. The cost of such programs includes recurring benefit payments, refund of contributions to terminated employees, and the cost of administering ERF.

Deductions for fiscal year 2009 totaled $\$ 180,018,000$, an increase of $10.8 \%$ over 2008. This increase is primarily due to an increase in the number of benefit recipients. Administrative expenses, which are controlled by a budget approved by the Board of Trustees, were relatively unchanged from prior year. 2009 reflected a marginal increase of $\$ \$ 59,000$, when compared to fiscal year 2008 expenses.

## Accounting System And Internal Controls

This CAFR was prepared to conform with the principles of governmental accounting and reporting set forth by the Governmental Accounting Standards Board (GASB) in Statement No. 25, "Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans," as well as generally accepted accounting principles that apply to government accounting for fiduciary funds. The accompanying financial statements are prepared using the accrual basis of accounting. Member and employer contributions are recognized in the period in which employee services are performed. Expenses are recorded when the corresponding liabilities are incurred, regardless of when payment is made.

The Governmental Accounting Standards Board issued Statement No. 44. Economic Condition Reporting: The Statistical Section-an amendment of NCGA Statement 1. This Statement amends the portions of NCGA Statement 1, Governmental Accounting and Financial Reporting Principles, that guide the preparation of the statistical section. The statistical section presents detailed information, typically in ten-year trends, that assists users in utilizing the basic financial statements, notes to basic financial statements, and required supplementary information to assess the economic condition of a government. The statistical section is a required part of a comprehensive annual financial report (CAFR) and applies to any statistical section that accompanies a government's basic financial statements.

In developing and evaluating ERF's accounting system, it was determined that internal controls adequately safeguard assets and provide reasonable assurance of proper recording of financial transactions.

## Funding

A pension fund is well funded when it is receiving enough money to meet all expected future obligations to participants. ERF's funding objective is to meet long-term benefit payments through contributions that remain approximately level as a percent of member payroll. The actuarial accrued liability and actuarial value of assets of ERF as of December 31, 2009 amounted to $\$ 3.192$ billion and $\$ 3.032$ billion, respectively. A detailed discussion of funding is provided in the Actuarial Section of this report.

## Professional Services

Consultants are appointed by the Board of Trustees to perform professional services that are essential to the effective and efficient operation of ERF. An opinion from the certified public accounting firm of Grant Thornton LLP and the actuarial firm of Gabriel, Roeder, Smith \& Company are included in this report. The consultants appointed by the Board are listed in this Introductory Section.

## Acknowledgments

The compilation of this report reflects the combined effort of the staff under the leadership of the Board of Trustees. It is intended to provide complete and reliable information as a basis for making management decisions, as a means of determining compliance with legal provisions, and as a means of determining responsible stewardship of the funds of ERF.

The report is available to all members of ERF.
I would like to express my gratitude to the staff, the advisors, and others who have worked so diligently to assure the successful operation of ERF.

Respectfully submitted,

## Cheryl D. Alston

Cheryl D. Alston

Executive Director

## Board of Trustees

As of December 31, 2009

Carla D. Brewer, Chair

Employee Elected Member

John D. Jenkins, Vice Chair
Employee Elected Member
Carolyn R. Davis
Council Appointed Member
Craig D. Kinton, CPA
City Auditor

Bobby F. Praytor
Employee Elected Member
John W. Peavy III
Council Appointed Member
Leslie Spencer
Council Appointed Member

## Administrative Staff

Cheryl D. Alston, Executive Director<br>Newton Bruce, Assistant Administrator<br>Gail Smith, Assistant Administrator<br>Natalie Sorrell, Investment Officer<br>Evelyn Thomas, Senior Pension Specialist<br>Deirdre Taylor, Senior Pension Specialist<br>Judith Greene, Senior Pension Specialist<br>Susan Oakey, Senior Pension Specialist<br>Duc Lam, Database Analyst<br>Jason Thompson, Senior Information Technology Analyst<br>Garfield Landry, Senior Information Technology Analyst<br>Sheila Willis, Pension Benefits Specialist<br>Re'Gine Green, Pension Benefits Specialist<br>Patricia Jack, Pension Benefits Specialist<br>Berda Venerable, Management Assistant<br>Melissa Harris, Communications Specialist<br>C. Kay Watson, Office Manager<br>Lisa Larry, Senior Office Assistant<br>Beth Turner, Office Assistant<br>Micaela Galicia, Office Assistant<br>Jessica Leija, Office Assistant

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## Professional Service Providers

## Master Custodian

The Northern Trust Company

## Consulting Actuary

Gabriel, Roeder, Smith \& Company

## Investment Consultant

Wilshire Associates, Inc.

## Investment Accounting Firm

Financial Control Systems, Inc.

## Auditor

Grant Thornton, LLP

## Legal Advisors

Strasburger \& Price, LLP
Foster Pepper, PLLC

## PLAN SUMMARY

SUMMARY OF KEY PROVISIONS<br>Employees' Retirement Fund of the City of Dallas

As of December 31, 2009

Membership

Contributions

Definitions

Retirement Pension

Retirement Benefits

Form of Payment

Deferred Retirement

An employee becomes a member upon permanent employment and contributes to the Retirement Fund.

The contribution rate is determined each year by the actuarial valuation. The total contribution is split $37 \%$ members and $63 \%$ City. At December 31, 2009 the members contributed $9.16 \%$ of pay and the City contributed $15.60 \%$ of pay of which $7.96 \%$ is received by the Fund and $7.64 \%$ is the used for the pension obligation bonds debt service.

Final Average Salary: Average monthly salary over the member's highest three years of service.

Credited Service: Length of time an employee of the City of Dallas and while making contributions to the Fund. Part-time employees receive proportional credited service only.

Eligibility:
a. Attainment of age 60; or
b. Attainment of age 55 (if credited service began before May 9, 1972); or
c. Completion of 30 years of credited service; or
d. At any age after completion of 30 years of credited service with a reduced benefit before age 50 ; or
e. Attainment of age 50, if the sum of an active member's age and credited service is at least 78 .

The retirement benefit equals $2-3 / 4 \%$ multiplied by average monthly earnings multiplied by credited service limited to a maximum of 36.3636 years plus $\$ 125$ health supplement (prorated for service less than 5 years).

An unreduced pension under a joint and one half survivor option or a ten-year certain and life option. An actuarially equivalent joint and full survivor option is also available.

Eligibility: Deferred retirement pension commencing at age 60 or at age 55, if employment commenced prior to May 9, 1972, with at least five years of credited service, and accumulated contributions are left on deposit with the Fund.

Monthly Benefit: The deferred retirement is equal to the retirement pension based on earnings and credited service at the time of termination.

Disability Retirement Pension

Death Benefits

Return of Accumulated
Contributions

## Cost-of-Living

Adjustments

Non-Service Disability:

1. Eligibility: Five years of service and totally and permanently incapacitated from procuring and retaining any type of employment for compensation.
2. Monthly Benefit: Computed based on average monthly earnings and credited service at time of disability but not less than 10 times the percentage multiplier multiplied by the average monthly earnings.

Service Disability:

1. Eligibility: Totally and permanently incapacitated as a result of injury while in the course of employment for the City.
2. Monthly Benefit: Calculated as a non-service disability pension but not less than $\$ 500$ per month.

Form: Benefit paid in accordance with the option on file, or the eligible option, or if no eligible beneficiary, a lump sum equivalent of 10 years of benefit payments to the member's estate. If less than 2 years of service, contributions are refunded.

Monthly Benefit: Based on average monthly earnings and credited service at death but not less than 10 times the percentage multiplier multiplied by the average monthly earnings.

Minimum Service Death Benefit: Not less than $\$ 500$ per month if death resulted from a service related injury.

A member at the time of termination is entitled to be paid their accumulated contributions without interest.

A cost-of-living adjustment to the base pension shall be made based on the greater of:

The percentage of change in the price index for October of the current year over October of the previous year up to $5 \%$, or

The percentage of the annual average change of the price index for the latest 12 months available up to $5 \%$.
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## FINANCIAL SECTION

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## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

## Financial Statements As Of December 31, 2009 and 2008

With Independent Auditor's Report Thereon
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## Report of Independent Certified Public Accountants

Audit • Tax • Advisory<br>Grant Thornton LLP<br>1717 Main Street, Suite 1500<br>Dallas, TX 75201-4667<br>T 214.561.2300<br>F 214.561.2370<br>To the Board of Trustees<br>www.GrantThornton.com<br>Employees' Retirement Fund of the City of Dallas

We have audited the accompanying statements of plan net assets of the Employees' Retirement Fund of the City of Dallas (the "Plan") as of December 31, 2009 and 2008, and the related statements of changes in plan net assets for the years then ended. These financial statements are the responsibility of the Plan's management. Our responsibility is to express opinions on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America as established by the American Institute of Certified Public Accountants. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Plan's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and the significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the plan net assets of the Employees' Retirement Fund of the City of Dallas as of December 31, 2009 and 2008, and the respective change in plan net assets for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The management's discussion and analysis and the required supplemental information are not a required part of the basic financial statements but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The schedule of administrative expenses, schedule of investment expenses, schedule of payments to consultants, the introductory section, the statistical section, the investment section and the actuarial section are presented for purposes of additional analysis and are not a required part of the basic financial statements. The schedule of administrative expenses, schedule of investment expenses, and schedule of payments to consultants have been subjected to the auditing procedures applied in the audits of the basic financial statements and, in our opinion, are fairly stated in all material respects in relation to the basic financial statements taken as a whole. The introductory section, statistical section, investment section and actuarial section have not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.
Grant Thornton LCp

Dallas, Texas
September 8, 2010
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MANAGEMENT'S DISCUSSION AND ANALYSIS (Required Supplementary Information)

## MANAGEMENT'S DISCUSSION AND ANALYSIS

The discussion and analysis of the Employees' Retirement Fund of the City of Dallas (The Plan) financial performance provides an overview of the financial activities and funding conditions for the fiscal years ended December 31, 2009, 2008 and 2007. The intent of this discussion and analysis is to give a narrative overview and analysis of the Plan's financial performance as a whole. For more detailed information regarding performance, readers should also review the financial statements, notes to the financial statements, and required supplementary information in order to enhance their understanding of the Plan's financial performance.

## FINANCIAL STATEMENTS

The Plan is a defined benefit plan that provides retirement, disability, and death benefits to full time and permanent part-time civilian employees of the City of Dallas (the City). The Plan has two basic financial statements:

- a statement of plan net assets that provides information about the fair value and composition of plan assets, plan liabilities, and plan net assets; and
- a statement of changes in plan net assets that provides information about the year-to-year changes in plan net assets.

There are also notes to the financial statements that include a brief plan description, a summary of significant accounting policies, and information about contributions, legally required reserves, and investment concentrations. The report also contains required supplemental information in addition to the basic financial statements. Collectively, this information presents the net assets available for pension benefits and summarizes the changes in net assets for those benefits.

## FINANCIAL HIGHLIGHTS

Fiscal year 2009 was a good year for the Plan. At year end positive returns were reported for all of the Plan's assets classes. The Plan's financial highlights for fiscal year ended December 31, 2009 are as follows:

- The Plan's total rate of return on market basis was $30.62 \%$ compared to a $-30.85 \%$ return in 2008.
- The net assets of the Plan held in trust to pay pension benefits were $\$ 2.6$ billion as of December 31, 2009. This amount reflects an increase of $\$ 500$ million from last year. This increase is primarily the result of the growth in fair value of the investment portfolio.
- Contribution revenue for fiscal year 2009 was $\$ 57$ million, an increase of $\$ 2$ million from last fiscal year. This is attributed to an increase in the contribution rates.
- Pension benefits paid to retirees and beneficiaries increased $\$ 15$ million bringing the total benefit payments to $\$ 172$ million. Refunds of contributions paid to former members upon termination of employment increased from $\$ 2.7$ million to $\$ 4.3$ million.
- Net investment earnings (net appreciation) in the fair value of investments, plus interest and dividend income, less investment expenses) increased by $\$ 1.6$ billion compared to last fiscal year.
- Administrative expenses of $\$ 3.3$ million in 2009 were relatively unchanged from prior year.


## CONDENSED FINANCIAL INFORMATION

|  | $\frac{\underline{2009}}{\text { (in thousands) }}$ | $\frac{\underline{2008}}{\text { (in thousands) }}$ | $\frac{\underline{2007}}{\text { (in thousands) }}$ |
| :---: | :---: | :---: | :---: |
| Assets | \$ 3,183,437 | \$ 2,563,463 | \$ 4,176,699 |
| Liabilities | 583,237 | 460,198 | 991,289 |
| Net Assets Held in Trust for |  |  |  |
| Pension Benefits | 2,600,200 | 2,103,265 | 3,185,410 |
| Contributions | 57,494 | 54,559 | 55,299 |
| Investment \& other income, net | 619,522 | $(974,132)$ | 111,118 |
| Benefit payments | 172,493 | 156,575 | 146,810 |
| Refund of contributions | 4,273 | 2,742 | 3,056 |
| Administrative expenses | 3,315 | 3,255 | 2,675 |
| Change in Net Assets Held in |  |  |  |
| Trust for Pension Benefits | 496,935 | $(1,082,145)$ | 13,876 |

## FINANCIAL POSITION AND RESULTS OF OPERATIONS

For fiscal year 2009, the total return for the Plan was $30.62 \%$. Compared to a $-30.85 \%$ in 2008 and a $3.73 \%$ in 2007, the 2009 return was a welcome change. Every asset class in the Plan's portfolio reported a positive return for the year. The top performing asset classes were international equities and high yield with returns of $42.72 \%$ and $41.66 \%$ respectively for the year. As noted in 2008, a global economic crisis made the 2008 investment markets a difficult environment for investors. In 2009, the global economic markets showed signs of improvement. Also impacted by improvement in the markets for fiscal year 2009 were the Plan's investments. The Plan's investment portfolio increased from $\$ 1.9$ billion to $\$ 2.5$ billion in fiscal year 2009, an increase of approximately $\$ 600$ million. In contrast, fiscal year 2008 portfolio, compared to fiscal year 2007, showed a decrease from $\$ 3.1$ billion in fiscal year 2007 to $\$ 1.9$ billion in fiscal year 2008. This was due to declining markets during fiscal year 2008.

Additions to Plan Net Assets consist of employer and employee contributions, investment income, and net realized and unrealized gain on investments. For fiscal year 2009, additions to plan net assets increased from a negative $\$ 920$ million in 2008 to a positive $\$ 677$ million. This increase represents a $\$ 1.6$ billion addition to plan net assets over fiscal year 2008. Largely, this increase is a reflection of the improvement in the investment markets for 2009. Both city and employee contributions showed marginal increases for 2009. City and employee contributions for fiscal year 2009 were approximately $\$ 25$ million and $\$ 32$ million, respectively. Although there was a slight increase in both the city and employee contribution rates in 2009 , collection levels for total contributions over the past three years continue to be fairly constant. Total contributions for 2009 were $\$ 57$ million compared to $\$ 55$ million in both 2008 and 2007.

Correspondingly, improved market conditions also had a positive impact on the Plan's investment income. Net investment income/(loss) is presented net of investment expenses and is comprised of interest, gains/(losses) from the sale of investments, net unrealized appreciation/(depreciation) in the fair value of investments, and net income from securities lending activities. For fiscal year 2009, the Plan had net investment income of $\$ 619$ million (which does not include non-investment income of $\$ 345$ thousand). This surge in income is approximately $\$ 1.6$ billion more than the $\$ 975$ million loss reported for fiscal year 2008. Compared to the $\$ 111$ million earned in 2007, the net investment loss for fiscal year 2008 was
approximately $\$ 1.1$ billion less. The loss was reflective of the carry-over of the downward trend in the U. S. and global markets which began during the latter half of 2007.

Fiscal year 2009 liabilities of $\$ 583$ million showed an increase of $26.74 \%$ over fiscal year 2008. The major items responsible for this increase were a decrease in the security lending collateral deficiency payable and an increase in currency contracts. In fiscal year 2009, the value of the securities lending collateral deficiency was reduced by $\$ 5.1$ million from $\$ 6.4$ million to $\$ 1.3$ million, while currency contracts outstanding at year end increased from $\$ 114$ million in 2008 to $\$ 182$ million in 2009. Other increases at year end include the effect of additional securities lending cash collateral and an increase in payables for investment fees. The change in securities lending collateral is dependent on the securities loaned by the Plan's master custodian at year end which was $\$ 369$ million in 2009 and $\$ 306$ million in 2008. Investment fees are proportionate to the fluctuation in fair value of investments and will increase or decrease with the fluctuation. Since the Plan's fair value of investments increased so did the amount for investment fees. Liabilities for fiscal year 2008 were $\$ 460$ million compared to liabilities of $\$ 991$ million for fiscal year 2007.

Deductions from Plan Net Assets are largely benefit payments. During fiscal year 2009, benefits paid were $\$ 172$ million, an increase of $\$ 15$ million over payments made in 2008. Benefits paid in fiscal year 2008 were $\$ 157$ million, an increase of $\$ 10$ million over payments made in 2007. Although the plan experienced more retirements than normal due to the city's reduction in force in October of 2009, the primary cause for the increase in benefits paid was an increase in the activity and dollar value of the large lump sum estate payments. In 2009 there were 72 estate payments compared to 37 estate payments in 2008 . The 2009 payments were $\$ 5$ million whereas the 2008 payments were $\$ 2.1$ million. Major causes of the increases between 2008 and 2007 were attributed to new retirements with higher base benefits and to annual cost-of-living-adjustments paid to retirees and their beneficiaries. New retirements for these periods were 263 in fiscal year 2008 and 251 in fiscal year 2007. Cost-of-living-adjustments (which are effective on January 1 of the succeeding year) paid in each of the respective years were $4.82 \%$ in $2009,3.73 \%$ in 2008 and $3.48 \%$ in 2007. The city's reduction in force also caused a higher level in the refunds of contributions to members who terminated employment. During fiscal year 2009 refunds of contributions amounted to $\$ 4.3$ million ( 522 refunds), compared with $\$ 2.7$ million refunded ( 426 refunds) during fiscal year 2008 and $\$ 3.1$ million refunded ( 476 refunds) during fiscal year 2007. The change during fiscal year 2008 reflects a decline in the number of members requesting refunds as compared to fiscal year 2007. The administrative costs of the Plan represented approximately $1.84 \%$ of total deductions in $2009,2.00 \%$ in 2008 and $1.75 \%$ in 2007. The modest fluctuations between the three years were primarily due to maintenance enhancement to the pension administrative system.

## CURRENT ENVIRONMENT

Impacted by the city's reduction in force, plan membership for active members decreased during fiscal year 2009. Active membership declined from 8,371 to 7,654 members, a decrease of $8.6 \%$. Historically, this is the largest reduction in membership experienced by the plan. Accordingly with such a large reduction in active membership there were a higher than normal number of retirements for 2009. The Plan's experience for retiring members, on the average, is approximately 200-plus new retirements each year. For 2009 the number of new retirements was 375. Correspondingly, the trend of payments for benefits continues to increase. Similar to most mature plans, benefit payments exceed the level of contribution revenue received and cash generated from investments are needed in order to meet benefit payments.

An actuarial valuation of the Plan's assets and benefit obligations is performed annually. For 2009, the actuarial funded ratio, which is a standard measure of a plan's funded status representing the ratio of the actuarial value of assets to the actuarial accrued liability, was $94.97 \%$, down by $1.20 \%$ over 2008 . This decrease is due to the downturn in the economy during the last half of 2008 . The ratio for 2008 was $96.17 \%$, down by $13.03 \%$ over 2007 ratio of $109.20 \%$. This decrease was primarily a result of the
unfavorable investment returns during these years. Prior to 2008, the plan had three fiscal years of increasing funded ratios all of which were above $100 \%$.

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

## Statements of Plan Net Assets

As of December 31, 2009 and 2008
(In thousands)

|  | 2009 | 2008 |
| :---: | :---: | :---: |
| ASSETS: |  |  |
| Cash and short-term investments | \$ 87,493 | \$ 183,207 |
| Collateral on loaned securities | 369,108 | 305,649 |
|  | 456,601 | 488,856 |
| Receivables: |  |  |
| Currency contracts | 182,053 | 114,012 |
| Accrued dividends | 2,721 | 3,856 |
| Accrued interest | 9,328 | 8,946 |
| Accrued securities lending | 76 | 206 |
| Securities sold | 2,363 | 20,707 |
| Employer contributions | 217 | 1,001 |
| Employee contributions | 239 | 1,325 |
| Total receivables | 196,997 | 150,053 |
| Investments, at fair value: |  |  |
| Commingled index funds | 355,299 | 81,083 |
| Domestic equities | 914,290 | 881,969 |
| United States and foreign government fixed income securities | 167,335 | 254,105 |
| Domestic corporate fixed-income securities | 539,799 | 353,804 |
| International equities | 549,403 | 353,588 |
| Investments, at estimated fair value: |  |  |
| Private equities | 3,708 | - |
| Venture capital funds | 5 | 5 |
| Total investments | $\underline{2,529,839}$ | 1,924,554 |
| Total assets | $\underline{3,183,437}$ | $\underline{\text { 2,563,463 }}$ |
| LIABILITIES: |  |  |
| Accounts payable | 4,324 | 3,692 |
| Payable for securities purchased | 23,939 | 28,340 |
| Investment fees payable | 2,558 | 2,090 |
| Currency contracts | 182,053 | 114,012 |
| Security lending core collateral fund deficiency payable | 1,255 | 6,415 |
| Securities lending collateral | 369,108 | 305,649 |
| Total liabilities | 583,237 | 460,198 |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS <br> (A Schedule of Funding Progress is presented on page 16) | \$2,600,200 | \$2,103,265 |

The accompanying notes are an integral part of these financial statements.

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

Statements of Changes in Plan Net Assets
For the Years Ended December 31, 2009 and 2008
(In thousands)

|  | $\underline{2009}$ | $\underline{2008}$ |
| :---: | :---: | :---: |
| ADDITIONS: |  |  |
| Contributions: |  |  |
| Employer | \$ 25,265 | \$ 22,720 |
| Employee | 32,229 | 31,839 |
| Total contributions | 57,494 | 54,559 |
| Net investment income: |  |  |
| Dividends | 34,573 | 44,073 |
| Interest | 42,697 | 56,086 |
| Net appreciation/(depreciation) in fair value of investments | 549,631 | $(1,068,115)$ |
| Securities lending rebates paid by borrowers | 529 | - |
| Securities lending income | 1,384 | 13,241 |
| Total investment income/(loss) | 628,814 | $(954,715)$ |
| Less investment expenses: |  |  |
| Investment management fees | $(8,859)$ | $(10,293)$ |
| Custody fees | (150) | (142) |
| Consultant fees | (310) | (295) |
| Securities lending borrower rebates | - | $(9,137)$ |
| Securities lending management fees | ( 318) | $(1,059)$ |
| Total investment expenses | $(9,637)$ | $(20,926)$ |
| Net investment income/(loss) | 619,177 | $(975,641)$ |
| Other income | 345 | 1,059 |
| Total increases/(decreases) | 677,016 | (919,573) |
| DEDUCTIONS: |  |  |
| Benefit payments | 172,493 | 156,575 |
| Refund of contributions | 4,273 | 2,742 |
| Administrative expenses | 3,315 | 3,255 |
| Total deductions | 180,081 | 162,572 |
| Net increase/(decrease) in net assets held in trust for pension benefits | 496,935 | $(1,082,145)$ |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS |  |  |
| Beginning of year | 2,103,265 | 3,185,410 |
| End of year | \$2,600,200 | \$2,103,265 |

The accompanying notes are an integral part of these financial statements.

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2009 and 2008

Description of the Plan

## (a) General

The Employees' Retirement Fund of the City of Dallas (the "Plan") is a single-employer defined benefit pension plan that provides retirement, disability, and death benefits to its members, and it is sponsored by the City of Dallas (the "City"). All employees of the City are members in the Plan, except police officers, firefighters, elected officers, non-salaried appointee members of administrative boards or commissions, part-time employees working less than one-half time, temporary employees, individuals working under contract, and individuals whose salaries are paid in part by another government agency. Members are entitled to retirement benefits after five years of service and to survivor benefits after two years of service or at the date of eligibility for retirement. The Plan was established and derives its authority to continue in operation from Chapter 40A of the Dallas City Code. The description of the Plan provisions in this report is for financial disclosure only. It is not intended to create or reduce legal rights. The rights and responsibilities of the Board of Trustees, the Plan, the members and the retirees are governed by the Plan as set forth in Chapter 40A. As of December 31, 2009 and 2008, the Plan's membership consisted of:

$$
\underline{2009} \quad \underline{2008}
$$

| Retirees and beneficiaries currently receiving benefits and inactive members entitled to benefits but not yet receiving them | 6,925 | 6,568 |
| :---: | :---: | :---: |
| Current members: |  |  |
| Vested | 4,763 | 4,947 |
| Nonvested | 2,891 | 3,424 |
| Total current members | 7,654 | 8,371 |
| Total membership | $\underline{\underline{14,579}}$ | $\underline{14,939}$ |

(b) Pension Benefits

Effective November 7, 1989, members of the Plan are entitled to pension benefits equal to $2.75 \%$ of the average monthly earnings of the member for each year of credited service. Average monthly earnings are determined based on the member's earnings for the three highest years. Normal retirement age is 60 . Members of the Plan employed prior to May 9, 1972 are entitled to pension benefits at age 55 , determined as described in this note.

A member who has completed 30 years of credited service may elect retirement at age 50 and is entitled to full pension benefits. A member who has completed 30 years of service and elects retirement before age 50 is entitled to pension benefits at a percentage of normal retirement benefits ranging from $67.0 \%$ to $93.3 \%$, depending upon the age of the member. Effective May 1993, active members may elect to retire after the attainment of age 50 once a combination of their age and years of service equal at least 78 ("Rule of 78 "), and they are entitled to full pension benefits. The provisions of this amendment have been incorporated into the actuarial calculations reflected in these notes to the financial statements.

Cost-of-living adjustments for retirees are made each year on the first of January by adjusting the pension base by the percentage change of the Consumer Price Index, not to exceed 5\%. The cost-ofliving adjustments paid in 2009 and 2008 were $4.82 \%$ and $3.73 \%$, respectively.

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

Notes to the Financial Statements
December 31, 2009 and 2008

In addition, the Plan provides retirees who have five or more years of service a flat taxable amount of $\$ 125$ per month as a health premium subsidy. Payment of the health supplement will be prorated for each partial year of credited service for less than five years of credited service.
(c) Disability and Death Benefits

Members that become totally and permanently disabled may qualify for a service-connected disability with no minimum service, or a non-service connected disability with five or more years of credited service. Non-service connected benefits are based on actual credited service or a minimum of 10 years. Service-connected benefits are equal to normal retirement benefits or a minimum of $\$ 500$.

Upon the death of an active married member with less than 15 years of service, the joint and one-half survivor option is the automatic death benefit unless the member (with spousal consent) previously elected a different survivor option

If an active member has at least 15 years of service or is eligible to retire, the member may elect the joint and full survivor option. Under this option, the member receives a reduced base pension payment which is actuarially computed based on the member's age, average monthly earnings, years of credited service at retirement, and the relative age of the spouse. Upon the death of the member, this option pays the full amount of the member's pension payment to the surviving spouse for life.

Upon the death of a member before retirement, death benefits equal to the normal retirement benefit will be paid to a qualified recipient: surviving spouse, minor child under age 18, a disabled child who became disabled before age 18 , or a dependent parent. Death benefits vary depending on the beneficiary. The surviving spouse, the disabled child, or the dependent parent will receive a lifetime benefit unless the ten-year option is taken. The minor child under age 18 will receive the normal retirement benefit for ten years or until reaching age 18. If the member has less than two years of credited service, the member's contributions will be refunded.

Upon the death of a retired member, a death benefit is paid in accordance with the option selected by the member at retirement. If there are no qualified recipients at the time of death and benefits have not been paid for ten years, death benefits are paid to the designee (an estate, a person or an entity) named by the member. The designee will receive a lump-sum payment based on ten years of benefit payments when the member's death occurs before retirement. If death occurs after retirement, the designee will receive a commuted lump-sum payment representing the balance of a guaranteed tenyear period starting from the date of retirement.

If a member does not have an eligible beneficiary, death benefits will be paid to the designee or member's estate in one commuted value payment. Benefit payments will vary depending on whether death occurred before or after retirement. Upon the death of a member before retirement, the designee or member's estate will receive a lump-sum payment based on ten years of benefit payments. Upon the death of a retired member, the designee or estate will receive a commuted value lump-sum payment representing the balance of a guaranteed ten-year period starting from the date of retirement.

## Contributions

If employment ends before attaining five years of service and before attaining eligibility for retirement, the member's contributions will be refunded upon written request to the Plan.

If a member's employment is terminated after five years of service, the member may elect a refund of contributions upon a written request, or the member may elect to receive pension benefits at normal retirement age equal to the amount accrued to the date of termination.

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2009 and 2008

The Plan was amended in 2004. Amendment changes made to the Plan included: providing authorization and procedures for the Board to annually increase or decrease contribution rates beginning October 1, 2005 in a ratio where the City pays $63 \%$ and the employee pays $37 \%$ of the contribution rate as determined by the actuarial valuation; requiring notice to the City of the contribution rates and providing procedures by which the City may review and challenge those rates; codifying the Board's policies and procedures relating to the Plan's actuarial process and the City's participation in the selection of an actuarial firm to perform a peer review/audit; increasing the Board from five members to seven by adding another employee elected representative and another council appointed representative effective March 1, 2005; increasing from three to four the number of board members required to constitute a quorum; increasing the terms of the employee elected representatives from two to three years; requiring Council approval before the Board may grant temporary or permanent discretionary adjustments to retirement benefits over and above the regular cost-of-living increases; correcting section references to the term "qualified recipient"; and authorizing either the Council or the Board to propose amendments to Chapter 40A, subject to approval by the Board, the Council, and the voters of the City.

Based on the authorization in the Plan amendment, the annual actuarial valuation will establish any new contribution rates for employees and the City. The new rates which became effective October 1, 2009 are $9.16 \%$ of pay for employees and a combined rate of $15.60 \%$ of pay for the City. The City's $15.60 \%$ is divided into $7.96 \%$ cash to the Plan and $7.64 \%$ for debt service payments on the pension obligation bonds.

The percent contributed may vary from the legally required rate as the annual required contribution is based upon covered payroll as of the actuarial valuation date, January 1, whereas contributions are calculated and paid based upon actual payrolls throughout the year.

Certain factors, such as changes in benefit provisions, the size or composition of the population covered by the Plan or the actuarial assumptions used, may significantly affect the identification of trends in the amounts reported in this schedule.
(e) Plan Administration

The Plan is governed by seven-members consisting of three members appointed by the City Council who may be Council members, three employee members of the Plan (elected by the membership) and the City Auditor (serving ex officio). The Board has general powers and duties to administer the Plan, including appointing an administrator to carry out the business of the Board, investing the assets of the Plan, making expenditures from the Plan, and determining members' eligibility for benefits.

The Plan may be terminated only by ordinance recommended by the Board, adopted by the City Council, and approved by a majority of the voters of the City voting in a general or special election. The Plan does not address allocation of the net assets in the event of termination.
(2)

Summary of Significant Accounting Policies
(a) Basis of Accounting

The accompanying financial statements are prepared on the economic resources measurement focus and accrual basis of accounting. Accordingly, interest earned but not received and dividends declared but not received as of the Plan's fiscal year end are recorded as accrued interest and dividends receivable, respectively. Contributions owed but not received (approximately $\$ 456$ thousand and $\$ 2.3$ million at December 31, 2009 and 2008 respectively) as of the Plan's fiscal year end are recorded as contributions receivable. In addition, unsettled investment purchases and sales are accrued.

# EMPLOYEES' RETIREMENT FUND OF <br> THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2009 and 2008

## (b) Administrative Expenses

Administrative expenses (excluding investment related expenses) totaling approximately $\$ 3.3$ million for the years ended December 31, 2009 and 2008 are paid from the Plan's investment income only when the Plan's actuary certifies payment will not have an adverse effect on the payment of benefits.
(c) Use of Estimates

The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires Plan management to make estimates and assumptions that affect certain reported amounts and disclosures. Accordingly, actual results could differ from those estimates.
(d) Investments

The Plan's investment policy requires that investments comply at all times with applicable local, state and federal regulations. The Plan's investment policy is based upon an asset allocation study that considers the current and expected condition of the Plan, the expected long-term capital market outlook and the Plan's risk tolerance. Unless specifically permitted in the investment manager guidelines or other governing document, the investment policy prohibits the purchase of nonnegotiable securities, short sales, selling on margin, puts, calls, straddles, options, or "letter" (restricted) stock. Also, unless specifically authorized in a manager's individual guidelines, the investment policy prohibits the use of derivatives (See derivatives disclosure in footnote 3).

Investments are valued at fair value based on quoted market prices, where available. Estimated fair values of private equity and venture capital funds have been determined based upon appraised values or other comparable methods. Purchases and sales of securities and any resulting gain or loss are recorded on a trade-date basis.
(e) Foreign Currency Transactions

The Plan may enter into forward foreign currency exchange contracts for the purchase or sale of a specific foreign currency at a fixed price on a future date as a hedge against specific transactions or portfolio position to protect the Plan against adverse currency movements. Entering into these arrangements involves the risk of dealing with counter parties and their ability to meet the terms of the contracts. These contracts are valued at fair value at the financial statement date, and any realized and unrealized gains and losses are recorded when they are incurred.

Investments denominated in foreign currencies at December 31, 2009 and 2008 were converted to U.S. dollars at the foreign exchange rates quoted at December 31, 2009 and 2008. These foreign exchange gains and losses are included in net appreciation in fair value of investments in the accompanying Statements of Changes in Plan Net Assets.

## Securities Lending

The Board has authorized the Plan to enter into an agreement with The Northern Company ("Northern") for the lending of certain of the Plan's securities (the "Securities Lending Program" or "Program") including, but not limited to, stocks and bonds to counter party brokers and banks ("borrowers"), for a predetermined period of time and fee. Such transactions are not prohibited by state statute.

In September 2008 when the market experienced a major credit crisis, certain securities held in the custodial security lending cash collateral pool were deemed to be impaired. As a result, the securities in this pool were marked down causing the value of the pool to fall below the commitments owed to

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2009 and 2008
the borrowers creating a collateral deficiency. The Plan's pro rata share of this mark down at December 31, 2008 was $\$ 6.4$ million. This amount was posted as an unrealized loss on securities and a corresponding payable in the Plan's financial statements. It was anticipated that these unrealized losses will be recovered, either when the current extreme risk discounts abate or when the securities mature at par over the next two to three years. The recovery of the unrealized losses began in 2009 when $\$ 5.1$ million was recovered by year end. The remaining $\$ 1.3$ million of recovery was completed in March 2010.

The Plan's securities lending exposure is capped at the amount that was on loan at September 18, 2008, the date the collateral deficiency was declared by Northern Trust. This amount was $\$ 538.2$ million.

Disclosure of securities lending revenue is shown gross with the associated reductions for investment expenses on the face of the Statements of Changes in Plan Net Assets, and the cash collateral and associated securities lending payable is shown on the face of the Statements of Plan Net Assets for the years ended December 31, 2009 and 2008.

## (g) Adoption of New Accounting Standards

In June 2008, the Governmental Accounting Standards Board ("GASB") issued Statement No. 53, Accounting and Financial Reporting for the Derivative Instruments (GASB No. 53). This Statement addresses the recognition, measurement, and disclosure of information regarding derivative instruments entered into by the state and local governments. Derivative instruments are often complex financial arrangements used by governments to manage specific risks or to make investments. The statement is effective for financial statements for periods beginning after June 15, 2010. The Plan implemented GASB 53 for fiscal year ending 2009. The adoption of GASB No. 53 requires new note disclosure (see 3 d ).

## Derivatives

Derivatives are generally defined as contracts whose value depend on, or are derived from, the value of an underlying asset; reference rate or index. The Plan has classified the following as derivatives:
(a) Forward Contracts

A currency forward is a contractual agreement between two parties to pay or receive specific amounts of foreign currency at a future date in exchange for another currency at an agreed upon exchange rate. Forward commitments are not standardized and carry credit risk due to the possible nonperformance by one of the counterparties. The maximum potential loss is the aggregate face value in U.S. dollars at the time the contract was opened; however, the likelihood of such loss is remote. No such losses occurred during fiscal years 2009 and 2008. Forwards are usually traded over-the-counter. These transactions are entered into in order to hedge risks from exposure to foreign currency rate fluctuation and to facilitate trade settlement of foreign security transactions. Forwards carry market risk resulting from adverse fluctuations in foreign exchange rates. Recognition of realized gain or loss depends on whether the currency exchange rate has moved favorable or unfavorable to the contract holder upon termination of the contract. Prior to termination of the contract, the Plan records the unrealized currency translation gain or loss based on the applicable forward exchange rates.

The Plan recognized a net realized loss of $\$ 89$ thousand at December 31, 2009 and a net realized loss of $\$ 4.2$ million at December 2008. At December 31, 2009 and 2008, the Plan had net unrealized gains on forward contracts of $\$ 3.6$ million and $\$ 1.4$ million, respectively. These gains and losses are included in net appreciation in fair value of investments in the accompanying Statements of Changes in

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2009 and 2008

Plan Net Assets. Contracts outstanding at December 31, 2009 and 2008 were $\$ 182$ million and $\$ 114$ million respectively.
(b) Swaps

A swap is an agreement between two or more parties to exchange a sequence of cash flows over a period of time in the future. No principal is exchanged at the beginning of the swap. The cash flows that the counterparties exchange are tied to a "notional" amount. The agreements provide that, at predetermined future dates, the Plan pays interest based upon a notional principal amount and receives a return based upon the underlying index. Notional amounts represent the volume of outstanding transactions and do not represent the potential gain or loss associated with market risk or credit risk of such instruments. Risk associated with swaps includes adverse movements in the underlying index. The Plan has one investment manager authorized to enter into swaps. The Plan held no open swap contracts at December 31, 2009 and December 31, 2008.
(c) Futures

Financial futures are agreements to purchase or sell a specific amount of an asset at a specified delivery or maturity date for an agreed upon price. These derivative securities are used to improve yield, adjust the duration of the fixed income portfolio, circumvent changes in interest rates, or to replicate an index. Futures contracts are standardized and traded on organized exchanges, thereby minimizing the Plan's risk. There were no outstanding futures contracts at December 31, 2009 and December 31, 2008.
(d) Private Equity

To enhance the potential for earning higher rates of return relative to its other asset classes and to provide for broader portfolio diversification, the Plan, in March 2009, allocated 5\% of its portfolio to private equity. Recognizing that private equity investments have higher risk levels, this target of $5.0 \%$ is to be allocated within an acceptable range of $0.0 \%$ to $7.0 \%$ to private equity-oriented investments. Funding of committed capital in the private equity portfolio will occur over an extended time period and may take several years before the total allocation is fully invested. In order to reach the allocation target, a "committed" allocation up to 1.5 times the allocation is authorized. The Plan selected Hamilton Lane as a private equity fund of funds investment manager and committed as a limited partner $\$ 25$ million to Hamilton Lane's Secondary's Fund II and initially, $\$ 10$ million to Hamilton Lane's Private Equity Fund (PEF) VII. An additional $\$ 40$ million will be committed to the PEF VII as other investors make commitments to the fund. In the fourth quarter of 2009 the Plan invested $\$ 3.2$ million in the Secondary's Fund II and $\$ 440$ thousand in PEF VII.

Investments in these funds as a limited partner are carried at estimated fair value. Estimated fair values of investments in private limited partnerships are determined by the fund managers or general partner based on the latest investee information available, including financial statements and other similar data necessary to the valuation process. The private equity value at December 31, 2009 was $\$ 3.7$ million.

## Deposit and Investment Risk Disclosures

Deposits and investments of state and local governments are exposed to risks that have the potential to result in losses. GASB Statement No. 40, Deposit and Investment Risk Disclosures - an amendment to GASB Statement No. 3, addresses common deposit and investment risks including custodial credit risk, credit risk, concentration of credit risk, interest rate risk, and foreign currency risk. The required disclosures related to these risks and the Plan' exposures to these risks are disclosed in the following sections.

# EMPLOYEES' RETIREMENT FUND OF 

THE CITY OF DALLAS
Notes to the Financial Statements
December 31, 2009 and 2008

## Custodial Credit Risk

Custodial credit risk is the risk that, in event of the failure of the counterparty, the Plan will not be able to recover the value of its investment or collateral securities that are in the possession of an outside party. The Plan's custodial credit risk policy is set forth in Chapter 40A of the Dallas City Code and in the master custody agreement which includes the securities lending program. All investments are registered in the name of Employees' Retirement Fund City of Dallas or in the name of the Plan's custodian which was established through a master trust custodial agreement. The securities are held by the custodian in the name of the Plan.

As of December 31, 2009 the Plan had $\$ 687$ thousand or $.026 \%$ of its approximate $\$ 2.6$ billion total investments (excluding short term investments) exposed to custodial credit risk. The risk exposure at December 31, 2008 was $\$ 500$ thousand or $.026 \%$ of total investments (excluding short term investments) of approximate $\$ 1.9$ billion. These exposures were uninsured and uncollateralized deposits held by custodian banks outside of the United States.

## Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of an investment in a single issuer. A concentration of investments in any one single issuer of debt securities presents a greater risk for loss in the event that the issuer fails on its obligations.

The Board has contracted with investment managers to manage the investment portfolio of the Plan, subject to the policies and guidelines established by the Board. Northern as the Plan's custodian bank had responsibility for the safekeeping of certain investments, handling of transactions based on the instructions of investment managers, and accounting for the investment transactions.

Investments that individually represent $5 \%$ or more of the net assets available for benefits and the total of investments that individually represent less than $5 \%$ of the net assets available for Plan benefits at December 31, 2009 are as shown below (in thousands except per share amounts). There were no investments that met these criteria for fiscal year 2008. The Plan's concentration of credit risk policy is communicated to individual managers in their guidelines through limitations or restrictions to securities, sectors, debt ratings, and other factors that may be applicable to a particular manager.

|  | $\underline{2009}$ |  | $\underline{2008}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Number of Shares/Units | Fair Value | Number of Shares/Units | Fair Value |
| Investments greater than 5\% of net assets, at fair value: |  |  |  |  |
| NTGI S\&P 500 Equity Index Fund Non-Security Lending | 75,594 | \$ 243,874 |  | \$ |
| Investments less than 5\% of net |  |  |  |  |
| assets: |  |  |  |  |
| At fair value |  | 2,738,852 |  |  |
| At estimated fair value |  | 3,713 |  |  |
| Total cash and investments |  | \$2,986,439 |  | \$ |

## Credit Risk

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. Credit quality ratings for the Plan's investments in fixed income securities as of December 31, 2009 and 2008 are included in the schedule below. Securities are rated using Standard and Poor's quality ratings as presented below in the rating scale.

The Plan's strategic fixed income investment policy allocates $30 \%$ of the total assets to fixed income. The

## EMPLOYEES' RETIREMENT FUND OF <br> THE CITY OF DALLAS

Notes to the Financial Statements
December 31, 2009 and 2008
policy provides for investment of up to $15 \%$ of the fixed income assets in investment grade assets and up to $15 \%$ of the fixed income assets in high yield (below investment grade) assets. The investment grade allocation also allows selected managers to invest in non-US dollar issues on an opportunistic basis up to $20 \%$ of their portfolio assets. Long term bond ratings as of December 31, 2009 and 2008 are as follows (in thousands):

| Quality Rating | 2009 |  | $\underline{2008}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Percentage of Bond Portfolio | Fair Value | Percentage of Bond Portfolio |
| AAA | \$ 206,004 | 29.13 | \$ 307,121 | 50.53 |
| AA+ | 5,646 | 0.80 | 1,181 | 0.19 |
| AA | 7,864 | 1.11 | 3,250 | 0.54 |
| AA- | 5,708 | 0.81 | 2,021 | 0.33 |
| A+ | 7,974 | 1.13 | 10,941 | 1.80 |
| A | 23,658 | 3.35 | 13,445 | 2.21 |
| A- | 14,086 | 1.99 | 14,052 | 2.31 |
| BBB+ | 20,461 | 2.89 | 12,173 | 2.00 |
| BBB | 28,182 | 3.99 | 26,404 | 4.34 |
| BBB- | 18,115 | 2.56 | 43,797 | 7.21 |
| BB+ | 30,651 | 4.33 | 11,767 | 1.93 |
| BB | 47,425 | 6.71 | 26,607 | 4.37 |
| BB- | 84,732 | 11.98 | 32,064 | 5.27 |
| B+ | 69,668 | 9.85 | 26,515 | 4.36 |
| B | 41,047 | 5.80 | 37,436 | 6.17 |
| B- | 47,867 | 6.77 | - | - |
| CCC+ | 12,955 | 1.83 | 11,699 | 1.93 |
| CCC | 9,968 | 1.41 | 6,659 | 1.09 |
| CCC- | 3,228 | 0.46 | 329 | 0.06 |
| CC | 136 | 0.02 | 1,353 | 0.22 |
| C | 278 | 0.04 | 2,656 | 0.44 |
| D | 3,331 | 0.47 | 3,857 | 0.63 |
| Not rated (NR)* | 12,436 | 1.76 | 10,614 | 1.74 |
| U. S. Government fixed income securities (NR)** | 5,714 | 0.81 | 1,968 | 0.33 |
|  | \$707,134 | 100.00 | \$607,909 | 100.00 |

* NR-Investments that are not rated.
**NR-U. S. Treasury Bonds and Notes are obligations of the U. S government or explicitly guaranteed by the U. S. government and therefore are not considered to have a credit risk.


## Foreign Currency Risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or deposit. The Plan's foreign currency risk policy is communicated to those managers who are authorized to hedge currency in their guidelines and sets specific parameters for each manager individually. The Plan's investment policies limit the aggregate amount that can be invested in each class of investments. The equity investment policy sets an allocation of $18 \%$ of assets to international equity. The fixed income policy permits up to $20 \%$ of the global manager's portfolio to be invested in global investment grade fixed income bonds.

The Plan's positions in these equity securities invested in directly and through commingled funds, were $21.72 \%$ and $18.37 \%$ of invested assets at December 31, 2009 and 2008 respectively. The Plan's positions in such fixed income assets invested were $0.49 \%$ and $0.60 \%$ of invested assets at December 31, 2009 and 2008 respectively.

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

Notes to the Financial Statements
December 31, 2009 and 2008

Non-US Dollar denominated investments at December 31, 2009 and 2008 were as follows (in thousands):

| Currency | (in thousands) |  |  | (in thousands) |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Equities |  | Fixed | Equities | Fixed |
| Australian Dollar | \$ 8,827 | \$ | 1,663 | \$ 6,690 | \$ 429 |
| Brazil Real | 1,702 |  | 5,339 | 905 | - |
| British Pound Sterling | 57,327 |  | - | 43,774 | - |
| Canadian Dollar | 3836 |  | 1,467 | 861 | 1,861 |
| Denmark Krone | 13 |  | - | 126 | - |
| Euro | 118,408 |  | 4,136 | 69,883 | 3,720 |
| Hong Kong Dollars | 7,761 |  | - | 2,626 | - |
| Hungary-Forint | 324 |  | - | - | - |
| Indonesia-Rupiahs | 1,482 |  | - | - | - |
| Israel Shekel | 2,650 |  | - | 112 | - |
| Iceland Krona | - |  | 348 | - | 700 |
| Japanese Yen | 60,544 |  | - | 61,472 | - |
| Korean Won | 9,009 |  | - | 1,352 | - |
| Malaysia Ringgit | 3,236 |  | - | 666 | - |
| Mexican Peso | 1,100 |  | - | 165 | 1,638 |
| Norwegian Krone | 6,634 |  | - | 3,672 | - |
| Pakistan Rupee | - |  | - | 104 | - |
| Philippines-Pesos | 598 |  | - | - | - |
| Poland-Zlotych | 559 |  | - | - | - |
| Singapore Dollar | 4,398 |  | - | 720 | 7,411 |
| South Africa Rand | 3,307 |  | - | 1,805 | - |
| Swedish Krona | 6,503 |  | - | 1,854 | - |
| Swiss Franc | 9,829 |  | - | 7,491 | - |
| Thailand Baht | 6,265 |  | - | - | - |
| Turkish Lira | 6,871 |  | - | 598 | - |
| Total | \$321,183 |  | \$12,953 | \$ 204,876 | \$15,759 |

2009
U. S. Dollars Balance of Investments (in thousands)

2008
U. S. Dollars Balance of Investments (in thousands)

## Interest Rate Risk

Interest rate risk is the risk that future changes in prevailing market rates of interest will have an adverse effect on the fair value of debt investments. The fair values of securities with long terms to maturity may be highly sensitive to interest rate changes.

As of December 31, 2009 and 2008 the weighted-average maturity of the bonds by bond type are as follows:

| Bond Category | $\begin{gathered} \text { Fair Value } \\ 12 / 31 / 2009 \\ \text { (in thousands) } \end{gathered}$ | Weighted Average Maturity (years) at $12 / 31 / 2009$ | $\begin{gathered} \text { Fair Value } \\ 12 / 31 / 2008 \\ \text { (in thousands) } \end{gathered}$ | Weighted Average Maturity (years) at 12/31/2008 |
| :---: | :---: | :---: | :---: | :---: |
| Asset Backed Securities | \$ 13,951 | 5.01 | \$ 18,059 | 5.91 |
| Bank Loans | 17,985 | 4.20 | 9,500 | 5.10 |
| Commercial Mortgage-Backed | 32,735 | 29.47 | 21,396 | 30.34 |
| Corporate Bonds | 463,064 | 38.86 | 283,210 | 8.74 |
| Corporate Convertible Bonds | - | - | 1,729 | 2.09 |
| Government Agencies | 11,773 | 5.41 | 22,465 | 4.66 |
| Government Bonds | 45,442 | 10.80 | 65,142 | 9.18 |
| Government Mortgage-Backed |  |  |  |  |
| Securities | 100,592 | 7.81 | 154,406 | 26.74 |
| Government issued Commercial |  |  |  |  |
| Mortgage-Backed Securities | 148 | 9.41 | - | - |
| Guaranteed Fixed Income | 1,492 | 1.46 | 9,747 | 2.37 |
| Index Linked Government Bonds | 7,478 | 10.30 | 5,639 | 10.98 |
| Municipal/ Provincial Bonds | 735 | 12.05 | - | - |
| Non-Government Backed CMOs | 11,739 | 26.12 | 16,616 | 26.53 |
| Total | \$707,134 |  | \$607,909 |  |
| Portfolio weighted Average maturity |  | 29.47 |  | 14.21 |

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

Notes to the Financial Statements
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Government Mortgage Backed Securities are most sensitive to changes in interest rates as their prepayments can vary significantly with interest rate changes. This change in prepayments will generally cause the duration, or interest rate risk, of these securities to increase when interest rates rise and decrease when interest rates fall. These securities represent $14 \%$ of the total fixed income portfolio for 2009 and $25 \%$ for 2008 . Their fair values at year end 2009 and 2008 were $\$ 100.6$ million and $\$ 154.4$ million respectively. The Plan's interest rate risk policy is communicated to the fixed income managers through the Fixed Income Asset Policy and each manager's guidelines.

## Appreciation or Depreciation of Investments

In 2009 and 2008, the Plan's investments, including investments bought, sold, and held during the year, appreciated (depreciated) in value as follows (in thousands):

| Investments, at fair value: | $\underline{2009}$ | $\underline{2008}$ |
| :--- | ---: | ---: |
| Commingled index funds | $\$ 5,029$ | $(\$ \quad 49,963)$ |
| Domestic equities | 399,931 | $(427,697)$ |
| United States and foreign government fixed income securities | 1,469 | 10,805 |
| Corporate bonds and notes | 101,311 | $(154,721)$ |
| International equities | $(37,827)$ | $(437,380)$ |
| Short-term investments | $3,63)$ | $(4,206)$ |
| Currency contracts | 543,457 | $(1,061,716)$ |
| Investments, at estimated fair value: | 5,160 | $(6,415)$ |
| Security lending core fund collateral deficiency | $\underline{1,014}$ | $\underline{16}$ |
| Private equity and venture capital funds | $\underline{\$ 549,631}$ | $\underline{(\$ 1,068,115)}$ |

## Securities Lending

During the fiscal year, Northern lent, on behalf of the Plan, securities held by Northern, as Plan custodian, and received United States dollar cash, United States government securities, agency securities, and irrevocable bank letters of credit as collateral. Northern did not have the ability to pledge or sell collateral securities absent a borrower default. Borrowers were required to put up collateral for each loan equal to: (i) in the case of loaned securities, the collateral for which is all denominated in the same currency as the loaned securities, $102 \%$ of the fair market value of the loaned securities plus any accrued but unpaid distributions thereon, and (ii) in the case of loaned securities denominated in a different currency from the loaned securities, $105 \%$ of the fair market value of the loaned securities plus any accrued but unpaid distributions thereon. The following table shows for open loans at December 31, 2009 and 2008, the type of collateral held, the market value of the securities on loan, and the market value of the collateral held (in thousands except percentages).

| Collateral Type | Fair Value $\underline{12 / 31 / 2009}$ | $\begin{gathered} \text { Collateral } \\ \text { Market } \\ \text { Value } \\ \text { 12/31/2009 } \end{gathered}$ | Collateral Percentage | Fair Value $\underline{12 / 31 / 2008}$ | $\begin{aligned} & \text { Collateral } \\ & \text { Market } \\ & \text { Value } \\ & 12 / 31 / 2008 \\ & \hline \end{aligned}$ | Collateral <br> Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash | \$357,454 | \$369,108 | 103\% | \$300,653 | \$305,649 | 102\% |
| Non-cash | 93 | 95 | 102\% | 360 | 382 | 106\% |
| Total | \$357,547 | \$369,203 |  | \$301,013 | \$306,031 |  |

## EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS

Notes to the Financial Statements
December 31, 2009 and 2008

The following represents the balances relating to the securities lending transactions as of December 31, 2008 and 2009 (in thousands):

| Securities Lent | Underlying Securities $\underline{12 / 31 / 2009}$ | Securities <br> Collateral Value $\underline{12 / 31 / 2009}$ | Cash Collateral Investment Value 12/31/2009 | Underlying Securities $\underline{12 / 31 / 2008}$ | Securities <br> Collateral Value $\underline{12 / 31 / 2008}$ | Cash Collateral Investment Value 12/31/2008 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lent for cash Collateral: |  |  |  |  |  |  |
| Domestic equities | \$200,340 | \$ | \$206,747 | \$162,639 | \$ | \$164,193 |
| Domestic corporate fixed income | 88,724 | - | 91,330 | 62,001 | - | 62,982 |
| International equities | 34,431 | - | 36,190 | 23,767 | - | 25,254 |
| US government, agency \& foreign securities | 33,959 | - | 34,841 | 52,246 | - | 53,220 |
| subtotal | 357,454 | - | 369,108 | 300,653 | - | 305,649 |
| Lent for securities Collateral: |  |  |  |  |  |  |
| Domestic equities | - | 85 | - | 348 | 13 | - |
| Domestic corporate fixed income | - | 10 | - | - | - | - |
| International equities | 10 | - | - | - | 369 | - |
| US government, agency \& foreign securities | 83 | - | - - | 12 | - | - |
| subtotal | 93 | 95 | - | 360 | 382 | - |
| Total | \$357,547 | \$95 | \$369,108 | \$301,013 | $\underline{\$ 382}$ | \$305,649 |

Disclosure of securities lending income is shown gross with the associated reductions for investment expenses on the Statements of Changes in Plan Net Assets, and the cash collateral and associated securities lending payable is shown on the statements of plan net assets for December 31, 2009 and 2008. The net income from securities lending in 2009 and 2008 was $\$ 1.6$ million and $\$ 3$ million respectively.

## Federal Income Tax Status

The Internal Revenue Service issued a determination letter dated January 14, 2003, stating that the Plan was designed in accordance with applicable Internal Revenue Code requirements as of that date. The last Plan change occurred in December 2004. The Plan administrator believes that the Plan is currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code. Therefore, the Plan was qualified and the related trust was tax-exempt as of the financial statement dates.
(6) Funded Status and Funding Progress

The funded status of the Plan as December 31, 2009, the most recent actuarial valuation date, is as follows (dollars in millions):

|  |  | Actuarial <br> Accrued |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Liability (\$) | Unfunded AAL (UAAL) |  |  |  |
| Actuarial | Value of | (AAL) - | AAL (UAAL) | Funded Ratio | Covered | Percentage of |
| Valuation | Assets (\$) | Entry Age | (\$) |  | Payroll (\$) | Covered Payroll |
| Date | (a) | (b) | (b-a) | (a/b) | (c) | ( $\mathrm{b}-\mathrm{a}) / \mathrm{c}$ ) |
| 12/31/09 | 3,032 | 3,192 | 160 | 95\% | 375 | 42.8\% |

## EMPLOYEES' RETIREMENT FUND OF

THE CITY OF DALLAS
Notes to the Financial Statements

December 31, 2009 and 2008

The schedules of funding progress, presented as required supplementary information following the notes to the financial statements, present multiyear trend information about whether the actuarial values of plan assets are increasing or decreasing over time relative to the AAL for benefits.

Additional information as of the latest actuarial valuation follows:

| Valuation date | December 31, 2009 |
| :--- | :--- |
| Actuarial cost method | Entry Age Normal |
| Asset valuation method | 5-year smoothed market |
| Amortization method | Level percent open, the remaining period is 30 years |
| Investment rate of return | $8.25 \%$ compounded annually |
| Salary increases | Graded rates |
| Payroll growth factor | $3.0 \%$ per year |

## REQUIRED SUPPLEMENTARY INFORMATION

 (unaudited)
## Schedule of City Contributions

The information presented in the required supplementary schedules was determined as part of the actuarial valuation for each year presented. The following table shows information related to City contributions (in thousands):

| Years Ended | Annual Actuarially <br> Required <br> December 31 | Contribution |
| :---: | :---: | :---: |
| 2000 | 33,682 | Percentage <br> Contributed |
| 2001 | 31,728 | 82.68 |
| 2002 | 49,475 | 110.91 |
| 2003 | 65,849 | 73.99 |
| 2004 | 71,382 | 52.74 |
| 2005 | 27,898 | 49.38 |
| 2006 | 14,380 | $2,027.29$ |
| 2007 | 9,387 | 159.94 |
| 2008 | 10,798 | 249.42 |
| 2009 | 39,386 | 210.41 |
|  |  | 64.06 |

## Schedule of Funding Progress

The following table shows the Plan's funding progress (dollars in millions):


The actuarial information presented is determined by an actuarial valuation that results from applying various assumptions (see note 6 of notes to the financial statements) termination, disability, retirement, mortality, and the time value of money to the accumulated plan benefits.

Certain factors, such as changes in benefit provisions, the size or composition of the population covered by the plan, or the actuarial assumptions used, may significantly affect the identification of trends in the amounts reported in this schedule.

## Schedule of Administrative Expenses

as of December 31, 2009
(dollars in thousands)

## Personal services:

Salaries ..... \$1,433
Retirement ..... 115
Insurance ..... 76
Total Personal Services ..... 1,624
Professional services:
Actuary Service ..... 102
Accounting \& Audit Fees ..... 42
Attorney fees ..... 350
Communication ..... -
Medical ..... 16
Total Professional Services ..... 510
Operating Services:
Data Processing ..... 167
Election ..... 23
Parking ..... 25
Printing ..... 31
Rent ..... 224
Supplies and Services ..... 146
Telephone ..... 41
Travel and Training ..... 73
Indirect and Other Costs ..... 440
Total Operating Services ..... 1,170
Furniture \& Fixtures:
Furniture ..... 11
Other ..... -
Total Furniture \& Fixtures ..... 11
Total Administrative Expenses ..... \$3,315
Schedule of Investment Expensesas of December 31, 2009(dollars in thousands)
Manager Fees ..... \$8,859
Custodian Fees ..... 150
Securities Lending Fees ..... 318
Investment Consultant Fees ..... 310
Total Investment Expenses ..... \$9,637*Securities lending fees include broker rebates and the lending agent's fees.
Schedule of Payments for Professional Services
as of December 31, 2009
(dollars in thousands)
Accounting and Audit:
Financial Control Systems ..... \$ 43
Acturial:
Buck Consultants LLC ..... 36
Gabriel, Roeder, Smith \& Company ..... 66
Legal:
Adorno Yoss White \& Wiggins ..... 9
Beus Gilbert PLLC ..... 1
Foster Pepper PLLC ..... 117
Strasburger \& Price, LLP ..... 223
Medical:
various ..... 16
Investments:
Wilshire Associates, Inc ..... 310
Total Professional Services Payments ..... \$821
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## INVESTMENT SECTION <br> (unaudited)

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Wilshire Consulting

August 19, 2010

Ms. Cheryl Alston
Administrator
City of Dallas Employees' Retirement Fund
600 North Pearl Street \#2450
Dallas, TX 75201
Re: 2009 Performance Results

## Dear Cheryl:

The purpose of this letter is to review the 2009 investment performance results of the Dallas Employees' Retirement Fund ("ERF", "the Fund").

ERF maintains a well-diversified investment portfolio that consists of domestic and international equities, fixed income, real estate securities, and private equity. During 2009, the Fund generated a net-of-fee return of $30.62 \%{ }^{1}$, modestly trailing its asset allocation policy benchmark's return of $30.95 \%$, but outperformed its actuarial rate of return of $8.25 \%$. Massive government stimulus provided by developed and emerging nations successfully helped stabilize global economies and restored confidence to world capital markets, and this continued recovery is fully reflected in ERF's U.S. and international equity portfolio performance as these asset classes rebounded $27.79 \%$ and $42.72 \%$, respectively, in 2009. Similar to equities, the Fund's high yield portfolio also posted solid gains and was the second best performing asset class for the year with a return of $41.66 \%$, as liquidity returned to the credit market, alleviating panic, flight-toquality, and sharply reduced yield spreads. When compared to other public funds, ERF ranked in the first quartile during 2009, in the third quartile over the three-year period, and in the second quartile over the five- and ten-year periods. Overall, ERF's diversified asset allocation and discipline have served it well during the year of 2009.

Based on research conducted in 2008 aimed to further optimize its existing asset allocation, the ERF Board of Trustees adopted a new policy mix in 2009 by adding

[^0]allocations to real assets and private equity. As the Trustees look to pro-actively diversify its investments across asset classes, the Fund will continue to examine potential investments in private equity, private real estate and inflation-linked assets such as commodities. The approved allocations as of the end of 2009 were:

| Asset Class | Allocation |
| :--- | ---: |
| Domestic Equity | $37 \%$ |
| Fixed Income | $15 \%$ |
| International Equity | $18 \%$ |
| High Yield | $15 \%$ |
| Real Estate Securities | $5 \%$ |
| Real Assets | $5 \%$ |
| Private Equity | $5 \%$ |

As always, we thank you for the opportunity to be of service to ERF.
Sincerely,


Andrew Junkin
Managing Director

> W ILSHIRE ASS OCIATES INCORPORATED
> 1299 Ocean Avenue, Suite 700 Santa Monica, CA 90401-1085
> tel 310.451 .3051 fax 310.458 .6936 www.wilshire.com

## INVESTMENT POLICIES SUMMARY

## Statement of Goals

The general investment goals are broad in nature to encompass the purpose of the Fund and its investments. They articulate the philosophy by which the Board will manage the Fund's assets within the applicable regulatory constraints.

1. The overall goal of the Fund is to provide benefits, as anticipated under the Plan document, Dallas City Code, Chapter 40A, to its participants and their beneficiaries through a carefully planned and executed investment program.
2. The Fund seeks to produce the highest return on investment which is consistent with sufficient liquidity and investment risk that are prudent and reasonable, given prevailing capital market conditions. While the importance of the preservation of capital is recognized, the theory of capital market pricing which maintains that varying degrees of investment risk should be rewarded with compensating returns is also recognized. Consequently, prudent risk taking is reasonable and necessary.
3. The Fund investment program shall at all times comply with existing and applicable local, state and federal regulations.

Investment Philosophy
The Fund is long term in nature, and the selection of investments is regulated by: the investment time horizon; the limits of acceptable risk; and the objective of optimizing the total rate of return. Each investment manager is authorized to execute investment transactions on behalf of the Board.

Investment decisions are made under the framework of the goal established for the rate of return, limits of acceptable risk, and Fund objectives. The goal is to optimize the return of the portfolio, as opposed to maximizing the rate of return.

The optimal portfolio mix is one that carefully equates expected rate of return with expected risk of all investment categories utilized in the portfolio. In setting the optimal mix of assets for the portfolio, the Board has developed a strategic asset allocation policy which incorporates a diversified asset mix. The strategic asset allocation is designed to provide an optimal diversification to reduce risk and maximize total rate of return relative to risk and the existing and projected liability structure.

The Board bases its investment strategy and goals on advice obtained from the investment consultant, the staff, and the external investment managers. The Board uses the annual external audit and annual actuarial valuation in its evaluation of the Fund's performance each year.

## Corporate Governance

Article XVI, Section 67 of the Texas Constitution and Chapter 40A of the Dallas City Code, give complete responsibility for the management and investment actions of the Employees' Retirement Fund to the Board of Trustees. The Board is held to the standard of conduct of fiduciaries in discharging their responsibilities. According to Chapter 40A the Trustees, as fiduciaries, must carry out their functions solely in the interest of the members and beneficiaries.

The Board considers the active voting of proxies an integral part of the investment process. Proxy voting may be delegated to the discretion of investment managers retained by the Board. The managers shall be required to establish a proxy voting policy and maintain records of proxy votes, and shall make these records available quarterly to the Board or its designee. The Board may at its discretion establish an overall policy of voting proxies in which case the managers' proxy voting policy shall be in accordance with that of the Board's. The Board recognizes that in certain non-U.S. markets, investment managers may, balancing the costs and benefits, not exercise proxy voting.
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## Investment Results

| Investment Summary |  |
| :--- | :---: |
| The investment managers and the returns by investment category are shown in the following tables. |  |
|  |  |
| Investment Category | 2009 Rate Of Return |
| Domestic Equities | $27.79 \%$ |
| International Equities | $42.72 \%$ |
| Fixed Income | $11.36 \%$ |
| High Yield Bonds | $41.66 \%$ |
| Real Estate Securities | $27.76 \%$ |
| Cash Equivalents | $0.20 \%$ |
| Private Equity | $\mathrm{N} / \mathrm{A} \%{ }^{*}$ |
| $\quad$ Total Portfolio | $30.62 \%$ |
| * rate of return unmeasurable due to small dollar value of investment |  |

## Investment Managers

| Domestic Equities, REITs \& Commingled | Adelante Capital Management, LLC |
| :---: | :---: |
| Index Funds | Intech |
|  | Northern Trust Global Investments |
|  | Piedmont Investment Advisors, LLC |
|  | Security Capital Research \& Management, Inc. |
|  | SIT Investment Associates, INC |
|  | Systematic Financial Management, LP |
|  | T. Rowe Price Associates, Inc. |
| International Equities | Acadian Asset Management Inc. |
|  | AQR Capital Management, LLC |
|  | Baring International Investment Limited |
| Fixed Income | Advantus Capital Management, Inc. |
|  | Artio Global Investors |
|  | Black Rock Financial Management |
|  | Oaktree Capital Management, LLC |
| Cash Equivalents | The Northern Trust Company |
| Private Equity | Brinson Partners |
|  | Hamilton Lane |

Adelante Capital Management, LLC Intech
Northern Trust Global Investments
Piedmont Investment Advisors, LLC
Security Capital Research \& Management, Inc.
SIT Investment Associates, INC
Systematic Financial Management, LP
T. Rowe Price Associates, Inc.

Acadian Asset Management Inc.
AQR Capital Management, LLC
Baring International Investment Limited

Hamilton Lane

## Total Plan Results

The world equity markets as measured by various indices were positive for 2009 with the MSCI All World ex-US Index returning $42.14 \%$ and the Dow Jones Wilshire 5000 returning 28.30\%. The Barclays Aggregate Bond Index was up $5.93 \%$. The Citigroup High Yield Cash Pay Index was up $53.15 \%$ for the year.

At December 31, 2009, the net asset value of the Plan was $\$ 2.6$ billion. This value represents a $23.81 \%$ or $\$ 500$ million increase over last year's value. The Net Assets of the Plan graph below provides a pictorial history of the Plan over the past 10 years.

Market Value of Net Assets


## Asset Allocation

The Plan's long-term strategic asset allocation policy sets the following targets: $52 \%$ in domestic equity including real estate securities and private equity; $18 \%$ in international equity; $15 \%$ in global fixed income; and $15 \%$ in high yield fixed income. The chart on the next page shows the investments by asset class at year-end. Private equity had a small allocation less than $1 \%$ at year-end. Although no specific allocation to cash and equivalents is targeted, cash must be available for the payment of benefits and other expenses of the Plan. To accommodate constantly changing market values, the Board has approved ranges for each of the asset classes.

## Domestic Equity

The Plan's allocation to domestic equity is targeted at $52 \%$ of the Plan's total assets including $10 \%$ allocated to real estate and $5 \%$ to private equity. Passively managed index funds totaled $28 \%$ of domestic equity assets at year end, and actively managed portfolios represented the remaining $72 \%$. The domestic equity and REIT's segment returned $27.79 \%$ and $27.76 \%$ respectively for the year while the benchmark Wilshire 5000 Index had a return of $28.30 \%$ and the Wilshire Real Estate Securities index returned $29.20 \%$. The S\&P 500 index returned $26.45 \%$ for the year.

International equity has a target allocation of $18 \%$, and it is split between two active managers and one enhanced index manager. The Plan's international equity composite return was $42.72 \%$ while the MSCI All World ex-US Index reported a return of $42.14 \%$ for the year.

## Asset Allocation



## Global Fixed Income

Global fixed income has a target of $15 \%$ of total assets. This allocation is allocated to two investment managers. During the year the global fixed income returned $11.36 \%$ while the Citigroup Non-US Government Bond Index returned $4.39 \%$ and the Barclays Aggregate Bond Index returned 5.93\%.

## High Yield Fixed Income

High yield fixed income has a target of $15 \%$. This allocation is also evenly split between two investment managers. The high yield return for 2009 was $41.66 \%$ and the Citigroup High Yield Cash Pay Index returned 53.15\%.

## Alternative Investments

Private equity has a target allocation of $5 \%$. Funding to this allocation was made during the latter half of 2009. At year end the allocation was less than $1 \%$. As a result the rate of return was unmeasurable due to the small dollar value of investment.

Venture capital had a small residual value (less than 1\%) at year-end and will continue to have some level of investment during the next 2-3 years as the asset class is liquidated.

Annualized Rate of Return
as of December 31, 2009

| Total Fund | $\mathbf{2 0 0 9}$ | $\mathbf{3 - Y e a r}$ | $\mathbf{5 - Y e a r}$ |
| :--- | :--- | :---: | :---: |
| Domestic Equity | $30.62 \%$ | $-2.15 \%$ | 3.54 |
| S\&P 500 Index | 27.79 | -5.64 | 0.74 |
| Dow Jones Wilshire 5000 Index | 26.45 | -5.62 | 0.42 |
| International Equity | 28.30 | -5.25 | 0.93 |
| MSCI ACWI ex US Index | 42.72 | -4.74 | 5.08 |
| MSCI EAFE Index | 42.14 | -3.04 | 6.30 |
| Global Fixed Income | 31.77 | -6.04 | 3.54 |
| Barclays Aggregate Bond Index | 11.36 | 3.77 | 3.38 |
| High Yield Fixed Income | 5.93 | 6.04 | 4.97 |
| Citigroup High Yield Cash Pay | 41.66 | 4.91 | 4.62 |
| Cash Equivalents | 53.15 | 5.51 | 6.02 |
| T-Bills | 0.20 | -2.47 | 0.04 |
| Real Estate Securities | 0.19 | 2.41 | 3.02 |
| Dow Jones Wilshire REIT Index | 29.20 | -13.82 | -0.41 |

## Investment Management Fees

as of December 31, 2009
(dollars in thousands)

| Investment** | Assets Under <br> Management | Fees | Basis <br> Points |
| :--- | ---: | ---: | ---: |
| Domestic Equity | $\$ 1,269,590$ | $\$ 4,212$ | 33.2 |
| International Equity | 549,402 | 2,306 | 42.0 |
| Global Fixed Income | 339,218 | 806 | 23.7 |
| High Yield Fixed Income | 367,916 | 1,535 | 41.7 |
| Private equity/venture Capital*** | 3,713 | 0 | 0.0 |
| Cash Equivalents | 86,338 | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |

## Other Investment Services

Investment Consultant 310
Custodian ..... 150
Security Lending* ..... 318
subtotal ..... 778
Total Investment Management Fees $\quad \$ 9,637$

[^1]
## Ten Largest Holdings

as of December 31, 2009

| Equity | Shares | Fair Value |
| :--- | :---: | :---: |
|  |  |  |
| MFB S\&P 500 Non-lending | $75,593.81$ | $\$ 243,874,476$ |
| MFB NTGI-QM COLTV Daily S\&P 500 | $34,673.87$ | $111,424,828$ |
| Exxon Mobil Corp. COM | $284,305.00$ | $19,386,758$ |
| Simon PPTY Group Inc. New | $242,064.83$ | $19,316,773$ |
| UK MSCI Index | $337,202.84$ | $19,256,642$ |
| Canada MSCI Index | $234,511.03$ | $16,454,701$ |
| Japan MSCI Index | $1,963,489.48$ | $15,275,948$ |
| Boston PPTYS Inc. | $221,910.00$ | $14,883,504$ |
| Public Storage Inc. | $158,950.00$ | $12,946,478$ |
| MSCI Materials Sector Index | $400,065.80$ | $12,670,084$ |


| Fixed Income | Par Value | Fair Value |
| :--- | :---: | :---: |
| U.S.A. Treasury Notes $1.000 \%$ due $12 / 31 / 2011$ | $\$ 11,045,000$ | $\$ 11,013,964$ |
| U.S.A. Treasury Notes $3.750 \%$ due $11 / 15 / 2019$ | $6,970,000$ | $6,704,304$ |
| CHS/Community Health System $8.875 \%$ due $07 / 15 / 2015$ | $5,285,000$ | $5,469,975$ |
| U.S.A. Treasury Notes $4.500 \%$ due $08 / 15 / 2039$ | $5,460,000$ | $5,336,276$ |
| FHLMC Gold Go-4955 $6.500 \%$ due $11 / 01 / 2038$ | $4,917,831$ | $5,268,718$ |
| U.S.A. Treasury Notes $1.125 \%$ due $12 / 15 / 2012$ | $5,210,000$ | $5,126,536$ |
| NRG Energy $7.375 \%$ due $2 / 112016$ | $4,700,000$ | $4,705,875$ |
| FHLMC GO-8122 5.500\% due $04 / 01 / 2036$ | $4,297,615$ | $4,510,261$ |
| FHLMC Gold $4.500 \%$ due $01 / 15 / 2040$ | $4,295,000$ | $4,284,263$ |
| Government of France $4.000 \%$ due $10 / 25 / 2038$ | $3,000,000$ | $4,136,252$ |

## Investment Holdings Summary

as of December 31, 2009
(dollars in thousands)

| Fixed Income |  | Market Value | Percentage of Market Value |
| :---: | :---: | :---: | :---: |
| Government Bonds |  | \$ 167,335 | 6.40\% |
| Corporate Bonds |  | 539,799 | 20.62\% |
|  | Total Fixed Income | 707,134 | 27.02\% |
| Equity |  |  |  |
| Common Stock |  | 1,463,692 | 55.93\% |
| Index \& Commingled |  | 355,299 | 13.57\% |
|  | Total Equity | 1,818,991 | 69.50\% |
| Alternative Investments |  |  |  |
| Venture Capital |  | 5 | 0.00\% |
| Private Equity |  | 3,708 | 0.14\% |
|  | Total Alternative Investments | 3,713 | 0.14\% |
| $\underline{\text { Cash and Equivalents }}$ |  |  |  |
| Cash |  | 1,155 | 0.04\% |
| Cash Equivalents |  | 86,338 | 3.30\% |
|  | Total Cash and Equivalents | 87,493 | 3.34\% |
|  | Total Fund* | \$2,617,331 | 100.00\% |

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## ACTUARIAL SECTION <br> (unaudited)

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The Report of the December 31, 2009 Actuarial Valuation of the Employees' Retirement Fund of the City of Dallas
469.524 .0000 phone 469.524.0003 fax www.gabrielroeder.com

May 28, 2010

Board of Trustees
Employees' Retirement Fund of the City of Dallas, Texas
600 North Pearl Street
Suite 2450
Dallas, Texas 75201
Dear Members of the Board:
We are pleased to present our report of the actuarial valuation of the Employees' Retirement Fund of the City of Dallas, Texas ("ERF" or the "Fund") as of December 31, 2009.

This valuation provides information on the funding status of ERF. It includes a determination of the actuarially calculated contribution rates for the 2010 calendar year. In addition, it also contains the information necessary to determine the current total obligation rate and the current adjusted total obligation rate for the fiscal year beginning October 1, 2010 per City Ordinance. This rate is a function of the previous year's adjusted total obligation rate, this year's actuarially calculated contribution rate, and the rate necessary to make the debt service payment on the previously issued pension obligation bonds for fiscal year 2011.
This valuation is based on the provisions of ERF in effect as of the valuation date, data on the ERF membership and information on the asset values of the Fund as of December 31, 2009. The member, annuitant and asset data used in the valuation were all prepared and furnished by ERF staff. While certain checks for reasonableness were performed, the data used was not audited.
There were no changes in the actuarial assumptions since the prior valuation. The actuarial asset method was modified this year. The smoothing period was increased from three to five years. All actuarial assumptions and methods are described under Section N of this report and meet the parameters of Governmental Accounting Standards Board Statement No. 25. We believe the actuarial assumptions individually and collectively represent reasonable expectations of experience over the long-term future.

To the best of our knowledge, this report is complete and accurate and was conducted in accordance with the Actuarial Standards of Practice as set forth by the Actuarial Standards Board and in compliance with the provisions of the City Ordinance. The actuarial valuation was produced under the supervision of a Member of the American Academy of Actuaries and both signatories have significant experience valuing large public employee retirement systems.
Respectfully submitted,


Lewis Ward
Consultant


Mark R. Randall, MAAA, FCA, EA
Executive Vice President \& Senior Consultant
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## SUMMARY OF THE VALUATION

(This summary is an excerpt of the 2009 Actuarial Valuation report. Sections referenced in this summary are available in the full report.)
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## FUNDING PROCESS

Based on the previous work of the Employees' Retirement Fund Study Committee, that was ratified by both the City Council and the voters of Dallas, a new funding process commenced October 1, 2005. From this date forward, a new "current adjusted total obligation rate" will be contributed jointly by the City ( $63 \%$ ) and the Membership (37\%). This current adjusted total obligation rate will cover both the debt service tied to the pension obligation bonds issued in 2005 and the contributions to the ERF. In subsequent years, the contribution rate changes only if the actuarial valuation develops a "current total obligation rate" which differs from the "prior adjusted total obligation rate" by more than $3.00 \%$.

As shown in Table 3 (under Section L) and discussed later in this report, the "current total obligation rate" differs from the "prior adjusted total obligation rate" by more than $3.00 \%$ as of December 31, 2009. This means that the "current adjusted total obligation rate" will increase from $24.76 \%$ to $26.51 \%$ of active member payroll effective October 1, 2010.

## EXPERIENCE DURING 2009

An Actuarial (Gain)/Loss Analysis [(G)/L] reviews the effects of the actual experience that differs from the assumed experience based on the actual results for the year. If any difference increases assets or reduces liabilities, we have an actuarial gain. The reverse is an actuarial loss.

On a market value return basis, the Fund gained approximately $30.35 \%$ (calculated on a dollarweighted basis, net of investment expenses). Given this positive return, the actual investment income was more than the expected investment income on the actuarial value of assets; therefore, an investment income gain is being partially recognized this year ( $1 / 5$ ) and partially deferred into the near future (4/5). Recognizing prior years' deferred investment gains and losses (years 2008, 2007, 2006 and 2005), there was an overall actuarial loss of approximately $\$ 147$ million on the actuarial value of assets as of December 31, 2009. The rate of return on the actuarial value of assets for 2009 was $6.79 \%$ (calculated on a dollar-weighted basis, net of investment expenses). This result was less than the current investment return assumption of $8.25 \%$ per annum.

During 2009 there was an aggregate actuarial gain of about $\$ 23.7$ million derived from demographic assumptions and non-investment economic assumption (salary increases) losses. As seen below, ERF experienced an overall actuarial loss in calendar year 2009. This year's overall actuarial experience loss amounted to approximately $\$ 123.24$ million.

The total (G)/L for the prior 4 years is broken down as follows (\$ in millions):

|  |  | 2006 | 2007 | 2008 | 2009 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1) | Actuarial (Gain)/Loss on Assets | (\$128.75) | (\$39.19) | \$375.99 | \$146.94 |
| 2) | Actuarial (Gain)/Loss on Liabilities | 9.35 | 21.73 | 29.25 | (23.70) |
| 3) | Total Actuarial (Gain) or Loss (1+2) | (119.40) | (17.46) | 405.24 | 123.24 |

In addition, as previously discussed, there was a method change which resulted in an actuarial gain of approximately $\$ 96.7$ million. Also, the UAAL increased $\$ 14.3$ million because of the difference between the calculated amortization payment and the actual payment during 2009.

## FUNDED STATUS

The funded status of ERF is measured by the Funded Ratio and the Unfunded Actuarial Accrued Liability (UAAL). The Funded Ratio is the ratio of the actuarial value of assets available for benefits to the actuarial accrued liability (AAL) of the Fund. Therefore, it reflects the portion of the AAL that is covered by ERF assets. The UAAL is the difference between these two amounts.

A Funded Ratio of $100 \%$ means that the funding of ERF is precisely on schedule. In addition, an increasing funded ratio from year-to-year also means that the funding of ERF is on schedule. By monitoring changes in the Funding Ratio each year we can determine whether or not funding progress is being made.

Based on the actuarial value of assets, the Funded Ratio of ERF decreased from $96.2 \%$ as of December 31, 2008 to $95.0 \%$ as of December 31, 2009 as a result of the continued recognition of the significant downturn in the investment markets during $4^{\text {th }}$ quarter of 2008.

The UAAL increased from $\$ 117.9$ million (shortfall) as of December 31, 2008 to $\$ 160.5$ million (shortfall) as of December 31, 2009. Since the UAAL is positive, this implies the actuarial accrued liabilities exceed the actuarial assets of the Fund as of December 31, 2009.
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## STATISTICAL SECTION

(unaudited)
(PAGE LEFT INTENTIONALLY BLANK)

## Schedule of Revenue by Source

$\left.\begin{array}{cccccc} & \begin{array}{c}\text { Member } \\ \text { Contributions } \\ \text { (in thousands) }\end{array} & \begin{array}{c}\text { Employer } \\ \text { Contributions } \\ \text { (in thousands) }\end{array} & \begin{array}{c}\text { \% of Annual } \\ \text { Covered P/R }\end{array} & \begin{array}{c}\text { Investment } \\ \text { Income }\end{array} & \begin{array}{c}\text { Total }\end{array} \\ \text { (in thousands) } \\ \text { (in thousands) }\end{array}\right]$

## Schedule of Expenses by Type

|  | Benefit <br> Year Ending | Administrative <br> Expenses | Refunds |
| :--- | ---: | :---: | :---: |
|  | (in thousands) | (in thousands) | (in thousands) |
| 2000 | 81,006 |  |  |
| 2001 | 87,054 | 1,860 | 2,971 |
| 2002 | 97,363 | 1,918 | 2,434 |
| 2003 | 108,402 | 1,944 | 2,552 |
| 2004 | 116,675 | 2,119 | 2,605 |
| 2005 | 127,578 | 2,075 | 2,976 |
| 2006 | 139,206 | 2,737 | 3,049 |
| 2007 | 146,810 | 2,416 | 3,451 |
| 2008 | 156,575 | 2,675 | 3,056 |
| 2009 | 172,493 | 3,255 | 2,742 |
|  |  | 3,315 | 4,273 |

Schedule of Benefit Expenses by Type

| Year Ending | Retiree <br> (in thousands) | Beneficiary <br> (in thousands) |
| :---: | :---: | :---: |
| 2000 | 67,714 | 4,563 |
| 2001 | 73,963 | 4,076 |
| 2002 | 82,918 | 5,012 |
| 2003 | 93,859 | 4,562 |
| 2004 | 101,284 | 5,076 |
| 2005 | 110,761 | 6,054 |
| 2006 | 121,085 | 6,897 |
| 2007 | 129,326 | 5,897 |
| 2008 | 138,695 | 5,959 |
| 2009 | 150,843 | 9,340 |


| Disability <br> (in thousands) | Supplement <br> (in thousands) | Total <br> (in thousands) |
| :---: | :---: | :---: |
| 2,427 | 6,302 | 81,006 |
| 2,554 | 6,431 | 87,024 |
| 2,753 | 6,681 | 97,364 |
| 2,951 | 7,030 | 108,402 |
| 3,128 | 7,187 | 116,675 |
| 3,376 | 7,387 | 127,578 |
| 3,628 | 7,597 | 139,207 |
| 3,806 | 7,781 | 146,810 |
| 3,979 | 7,942 | 156,575 |
| 4,149 | 8,161 | 172,493 |

## Average Age and Pension at Retirement

as of December 31, 2009

| Status | Average <br> Age | Average <br> Pension | Average Age at Retirement |
| :--- | :---: | :---: | :---: |
| Members Only | 67.34 | $\$ 2,729.10$ | 57.21 |
| Members and Survivors | 69.2 | $\$ 2,524.75$ | $\mathrm{~N} / \mathrm{A}$ |
| Survivors Only | 78.18 | $\$ 1,557.23$ | $\mathrm{~N} / \mathrm{A}$ |

## Average Benefit Payment

as of December 31, 2009

| Retirement Effective Dates | Years of Credited Service |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 0-5 | 5-10 | 10-15 | 15-20 | 20-25 | 25-30 | 30+ |
| Period 01/01/2009 to 12/31/2009 |  |  |  |  |  |  |  |
| Average monthly benefit | \$301.96 | \$784.21 | \$1,294.02 | \$2,149.66 | \$2,949.94 | \$3,576.69 | \$4,305.35 |
| Average final average salary | \$3,287.00 | \$3,605.72 | \$3,878.74 | \$4,396.37 | \$4,788.12 | \$4,881.66 | \$4,969.17 |
| Number of retired members | 27 | 25 | 36 | 37 | 65 | 110 | 79 |
| Period 01/01/2008 to 12/31/2008 |  |  |  |  |  |  |  |
| Average monthly benefit | \$256.93 | \$992.79 | \$1,160.28 | \$2,059.59 | \$2,717.68 | \$3,490.12 | \$4,168.44 |
| Average final average salary | \$3,816.62 | \$4,347.54 | \$3,472.80 | \$4,301.64 | \$4,446.61 | \$4,739.25 | \$4,930.47 |
| Number of retired members | 8 | 33 | 26 | 18 | 68 | 73 | 38 |

Period 01/01/2007 to $12 / 31 / 2007$
Average monthly benefit
Average final average salary
$\$ 330.49$
$\$ 3,350.81$
12

| $\$ 760.80$ | $\$ 1,251.93$ |
| ---: | ---: |
| $\$ 3,387.56$ | $\$ 3,787.73$ |
| 29 | 36 |


| $\$ 2,168.34$ | $\$ 2,565.23$ |
| ---: | ---: |
| $\$ 2,941.32$ | $\$ 4,272.21$ |
| 26 | 69 |

\$3,226.37
\$4,030.12
\$4,516.64
\$4,476.76
69
27

Period 01/01/2005 to $12 / 31 / 2005$
Average monthly benefit
Average final average salary
Number of retired members

| $\$ 315.77$ | $\$ 763.76$ |
| ---: | ---: |
| $\$ 3,260.48$ | $\$ 3,652.23$ |
| 8 | 31 |


| $\$ 1,800.93$ | $\$ 2,765.44$ |
| ---: | ---: |
| $\$ 3,710.63$ | $\$ 4,515.87$ |
| 28 | 84 |


| $\$ 3,123.08$ | $\$ 4,215.25$ |
| :--- | :--- |
| $\$ 4,399.20$ | $\$ 4,949.87$ |

## Retired Members By Type of Benefit

as of December 31, 2009

| Amount of Monthly Benefits | Type of Retirement ${ }^{\text {a }}$ |  |  |  |  |  |  | Option Selected ${ }^{\text {b }}$ |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | \#1 | \#2 | \#3 |
| \$1 - 250 | 46 | 0 | 7 | 0 | 0 | 0 | 0 | 14 | 19 | 20 |
| \$251 - 500 | 117 | 4 | 60 | 46 | 0 | 2 | 15 | 45 | 125 | 74 |
| \$501 - 750 | 193 | 10 | 77 | 42 | 3 | 11 | 27 | 60 | 210 | 93 |
| \$751 - 1,000 | 225 | 18 | 87 | 33 | 28 | 24 | 8 | 96 | 200 | 127 |
| \$1,001 - 1,250 | 228 | 11 | 76 | 24 | 11 | 12 | 7 | 105 | 167 | 97 |
| \$1,251 - 1,500 | 220 | 23 | 58 | 21 | 6 | 19 | 5 | 118 | 128 | 106 |
| \$1,501 - 1,750 | 217 | 14 | 43 | 26 | 8 | 15 | 3 | 133 | 106 | 87 |
| \$1,751 - 2,000 | 197 | 34 | 51 | 7 | 1 | 9 | 6 | 121 | 105 | 79 |
| over 2,000 | 2,785 | 177 | 194 | 58 | 9 | 34 | 14 | 1,104 | 1,287 | 880 |
| Total | 4,228 | 291 | 653 | 257 | 66 | 126 | 85 | 1,796 | 2,347 | 1,563 |

## Type of Retirement ${ }^{\text {a }}$

1 Normal retirement for age, service or Rule of 78
2 Early retirement
3 Beneficiary payment, normal or early retirement
4 Beneficiary payment, service connected death
5 Service connected disability retirement
6 Non-Service connected disability retirement
7 Beneficiary payment, disability retirement

## Option Selected ${ }^{\text {b }}$

1 Joint \& 100\% - beneficiary receives $100 \%$ of member's benefit
2 Joint \& $50 \%$ - beneficiary receives $50 \%$ of member's benefit
310 Year Certain - beneficiary receives member's unused benefit

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$$
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& 214-580-3515 \mathrm{fax} \\
& \text { www.dallaserf.org }
\end{aligned}
$$


[^0]:    ${ }^{1}$ Performance calculations are consistent with the computations and methodologies approved by the CFA Institute.

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[^1]:    *Securities lending fees include broker rebates and the lending agent's fees.
    **Excludes cash.
    ***Fees are netted in capital cost and are not billed separately.

[^2]:    *Does not include security lending collateral or receivables.

