

## 2005 AT - A- GLANCE (unaudited)

Active Members
Benefit Recipients ..... 5,065
Inactive Members ..... 748
Fund Net Assets ..... \$2,798,535,000
Benefits Paid \$127,578,000
Refunds ..... \$3,049,000
Member Contributions ..... \$23,392,000
City Contributions ..... \$565,569,000
Investment Rate of Return ..... 8.27\%

The Employees' Retirement Fund 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 <br> FOR THE FISCAL YEAR ENDED DECEMBER 31, 2005 

## CHERYL CLEMONS <br> ADMINISTRATOR

Office Location and Mailing Address
EMPLOYEES' RETIREMENT FUND
600 North Pearl Street, Suite 2450
Dallas, Texas 75201
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## LETTER OF TRANSMITTAL

July 15, 2006

## 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, 2005 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: an Introductory Section, which contains the administrative organization, a letter of transmittal, and the Plan Summary; a Financial Section, which contains the report of the Independent Auditors, the financial statements of ERF and certain required supplementary information; an Investment Section, which contains a report on investment activity, investment policies, investment results, and various investment schedules; an Actuarial Section, which contains an Actuary's Certification Letter and the results of the annual actuarial valuation; and a Statistical Section, which 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 or to survivor benefits after two years of service.

## Major Initiatives

The major initiative under taken during the year focused on plan funding. A Study Committee was appointed in December 2003 by the City Council to study the unfunded liability issue and to make recommendations to the City Council on how to solve the problem. The Study Committee presented its report to the City Council in May 2004. The Committee made several recommendations to the City Council. The primary recommendations were to issue pension obligation bonds to cover the current unfunded liability, increase the contributions of the city and employees, and place before the voters a plan change amendment that would put a modified automatic contribution adjustment mechanism in the Plan. The Council voted to support the recommendations of the Study Committee.

After the Council voted to support the Study Committee recommendations, the Board, the City Manager, the Chief Financial Officer, and the City Attorney's office all worked to draft a plan amendment to incorporate the recommended changes. This amendment was completed and submitted to the Dallas voters on the November 2, 2004 ballot. The plan amendment passed with $71 \%$ of the voters voting in favor of the amendment. Details of the plan amendment are included in the Management's Discussion and Analysis section. After passage of the plan amendment the Council approved the issuance of $\$ 399,000,000$ in pension obligation bonds (POBs) issued with a premium of $\$ 140,000,000$ to address the unfunded liability. These bonds are general obligation bonds of the city, and they were issued and the proceeds transferred to the Fund on February 16, 2005.

## Investments

The Board of Trustees oversees the Fund'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 the fund 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.

2005 was the third year of positive return since 1999. The total Fund return for 2005 was $8.27 \%$. The Fund's total return for the past three years was $16.61 \%$, and the last five years was $6.28 \%$. ERF expects and assumes an investment rate of return 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 alternative venture capital asset class is being liquidated from ERF's portfolio, and is not a part of the strategic asset allocation policy. ERF has incorporated a restricted derivatives program in selected equity and fixed income portfolios as an investment technique to reduce volatility and enhance the portfolio returns over a fullmarket cycle.

## 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 2005, totaled $\$ 797,542,000$. Employer and member contributions increased $\$ 530,318,000$ $(1,504.41 \%)$ and $\$ 2,812,000$ ( $13.66 \%$ ) respectively. The increase in employer contributions is primarily attributed to the net proceeds received from the pension obligation bonds. The factors that contributed to increases for both employer and employees were salary increases and a contribution rate increase from $11.00 \%$ to $15.38 \%$ for the City and $6.50 \%$ to $9.03 \%$ for employees.

## 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.

In 2005 expenses totaled $\$ 133,364,000$. This represents an increase of $\$ 11,638,000$ or $9.56 \%$. Administrative expenses are controlled by a budget approved by the Board of Trustees, and these expenses increased $\$ 662,000$ or $31.9 \%$ due to retiree cost of living adjustment and higher base pension amounts for new retirees.

## 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 advantage of a well-funded plan is that the participants can look at assets that are committed to the payment of benefits. The actuarial accrued liability and actuarial value of assets of ERF as of December 31, 2005 amounted to $\$ 2.6$ billion and $\$ 2.7$ 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 KPMG LLP and the actuarial firm of Gabriel, Roeder, Smith \& Company are included in this report. The consultants appointed by the Board are listed in the 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 Clemons
Administrator
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## Board of Trustees

As of December 31, 2005

Carla D. Brewer, Chair<br>Employee Elected Member

John W. Peavy III, Vice Chair Council Appointed Member

John D. Jenkins
Employee Elected Member
Bobby F. Praytor
Employee Elected Member

Robert (Bob) Ryan Council Appointed Member

Thomas M. Taylor
City Auditor
Kneeland Youngblood
Council Appointed Member

## Administrative Staff

Cheryl Clemons, Administrator
Gail Smith, Assistant Administrator
Newton Bruce, Assistant Administrator
Evelyn Thomas, Senior Pension Benefits Specialist
Judith Greene, Senior Pension Benefits Specialist
Sheila Willis, Pension Benefits Specialist
Re'Gine Green, Pension Benefits Specialist
Berda Venerable, Management Assistant
Melissa Harris, Communications Specialist
Susan Oakey, Management Assistant
C. Kay Watson, Management Assistant

Duc Lam, Database Analyst
Jill Lang, Information Technology Analyst
Lisa Larry, Office Assistant
Beth Turner, Office Assistant

## Professional Service Providers

Master Custodian<br>The Northern Trust Company<br>\section*{Consulting Actuary}<br>Gabriel, Roeder, Smith \& Company<br>Investment Consultants<br>Wilshire Associates, Inc.<br>\title{ Investment Accounting Firm }

Financial Control Systems, Inc.

## Auditors <br> KPMG LLP

## Legal Advisors

City Attorney's Office

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

As of December 31, 2005

| Membership | An employee becomes a member upon permanent employment and contributes <br> to the Retirement Fund. |
| :--- | :--- |
| Contributions | Member: $9.03 \%$ of compensation |
| City: The City contributes an amount not less than the amount contributed by |  |
| its employees, currently $15.38 \%$ of member wages. |  |
| Definitions | Final Average Salary: Average monthly salary over the member's highest three <br> years of service. |
| Credited Service: Length of time a person is an employee of the City of Dallas |  |
| and while making contributions to the Plan. Part-time employees receive |  |
| proportional credited service only. |  |

a. At age 60; or
b. At 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. At or after age 50, if the total 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 annual average change in the price index for the 12 month period ending with the effective date of the adjustment, up to $5 \%$.

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# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

## Financial Statements

As of December 31, 2005 and 2004

With Independent Auditors' Report Thereon

KPMG LLP
Suite 3100
717 North Harwood Street
Dallas, TX 75201-6585

## Independent Auditors' Report

To the Board of Trustees
of the 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, 2005 and 2004, 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 an opinion 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. 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 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 Plan as of December 31, 2005 and 2004, and the changes in its plan net assets for the years then ended in conformity with U.S. generally accepted accounting principles.

Management's Discussion and Analysis, the schedule of city contributions, and the schedule of funding progress are not a required part of the basic financial statements of the Plan, but are supplementary information required by the U.S. generally accepted accounting principles. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the supplementary information. However, we did not audit this 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 the purpose 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 audits of the basic financial statements and, accordingly, we express no opinion on them.
KPMG LLP

July 14, 2006

## MANAGEMENT'S DISCUSSION AND ANALYSIS

The discussion and analysis of the Employees' Retirement Fund of the City of Dallas' (The Fund) financial performance provides an overview of the financial activities and funding conditions for the fiscal years ended December 31, 2005, 2004 and 2003.

## FINANCIAL STATEMENTS

The Fund is a defined benefit plan. As such the Fund 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. Notes to the financial statements include among other things a brief plan description, a summary of significant accounting policies, and information about contributions, legally required reserves, and investment concentrations.

## CONDENSED FINANCIAL INFORMATION

|  | 2005 <br> (in thousands) | $\underline{2004}$ <br> (in thousands) | $\underline{2003}$ <br> (in thousands) |
| :--- | ---: | ---: | ---: |
| Assets | $\$ 3,359,240$ | $\$ 2,517,664$ | $\$ 2,222,867$ |
| Liabilities | 560,705 | 383,307 | 313,118 |
| Net Assets available for benefits | $2,798,535$ | $2,134,357$ | $1,909,749$ |
|  |  |  |  |
| Contributions | 588,961 | 56,147 | 55,309 |
| Investment \& other income | 208,581 | 290,187 | 412,772 |
| Benefit payments | 127,578 | 116,675 | 108,402 |
| Refund of contributions | 3,049 | 2,976 | 2,605 |
| Administrative expenses | 2,737 | 2,075 | 2,119 |
| Change in Net Assets | 664,178 | 224,608 | 354,955 |

## FINANCIAL POSITION AND RESULTS OF OPERATIONS

The Fund's total return for 2005 was $8.27 \%$ as compared to a $15.61 \%$ in 2004 and $26.7 \%$ in 2003 . As a result the Fund's net asset value at the end of 2005 was approximately $\$ 2.8$ billion, an approximate increase of $\$ 700$ million from the 2004 year end value of approximately $\$ 2.1$ billion. A part of this increase was from additional contributions made by the City of Dallas. To address the 2003 unfunded liability, the City Council approved and issued $\$ 399,000,000$ in pension obligation bonds. The net proceeds of $\$ 533,397,000$ from the sale of these bonds were contributed to the Plan. The net asset value at the end of 2003 was $\$ 1.9$ billion.

Liabilities increased $46.3 \%$ in 2005 as compared to 2004. This is largely due to securities lending collateral and unsettled security purchases at year end. The volume of securities on loan in the Fund's security lending program for 2005 was higher than the 2004 volume. The volume of securities on loan for 2005 and 2004 were 749 and 258 respectively. Likewise, the year end market values of securities that were unsettled for 2005 were higher than those for 2004 because of market growth. Market values of securities that were unsettled at year end 2005 were $\$ 116$ million while the year end values for 2004 were $\$ 71$ million. Year 2004 as compared to 2003 had a $22.4 \%$ increase in liabilities.

Benefit payments increased from $\$ 116,675$ million to $\$ 127,557$ million. This increase is attributable to the large number of retirements in 2005 with higher base benefits and to the $3.210 \%$ cost-of-living-adjustment
paid to retirees and beneficiaries. There were 285 new retirements in 2005 with a base pension total of $\$ 748,000$ compared to 249 retirements in 2004 with a base of $\$ 648,000$. Year 2004 as compared to 2003 had an $\$ 8,273$ million increase in benefit payments.

## CURRENT ENVIRONMENT

The number of active participants in the Fund remained steady in 2005. See Note 1 (a) regarding the Plan's membership. In addition, 2005 saw an average growth in the number of retirements. On an annual basis at least 200 plus members retire each year. As seen in the benefit paragraph above, the average pension payments continue to increase as does the number of retirees. This will continue to cause a need for cash generated from investments in order to meet benefit payments and expenses.

The Fund in our opinion continues to be financially sound. The Fund's investments are well diversified, and we are meeting our obligations as they become due.

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

## Statements of Plan Net Assets

As of December 31, 2005 and 2004
(In thousands)

|  | $\underline{2005}$ | $\underline{2004}$ |
| :---: | :---: | :---: |
| ASSETS: |  |  |
| Cash and short-term investments | \$ 500,196 | \$ 387,118 |
| Receivables: |  |  |
| Currency contracts | 9,899 | 441 |
| Currency gains | 194 | - |
| Accrued dividends | 2,100 | 2,068 |
| Accrued interest | 9,465 | 6,325 |
| Accrued securities lending | 76 | 55 |
| Securities sold | 50,051 | 4,201 |
| Employer contributions | 682 | 1,060 |
| Employee contributions | 881 | 626 |
| Total receivables | 73,348 | 14,776 |
| Investments, at fair value: |  |  |
| Commingled index funds | 1,125,465 | 555,808 |
| Domestic equities | 492,324 | 549,588 |
| United States and foreign government securities | 319,054 | 163,160 |
| Domestic corporate fixed-income securities | 473,196 | 372,896 |
| International equities | 375,496 | 474,029 |
| Investments, at estimated fair value: |  |  |
| Venture capital funds | 161 | 289 |
| Total investments | $\underline{\text { 2,785,696 }}$ | 2,115,770 |
| Total assets | 3,359,240 | 2,517,664 |
| LIABILITIES: |  |  |
| Accounts payable | 4,797 | 3,791 |
| Payable for securities purchased | 115,877 | 70,587 |
| Investment fees payable | 1,951 | 1,731 |
| Currency contracts | 9,899 | 441 |
| Currency contracts loss | - | 5 |
| Securities lending collateral | 428,181 | 306,752 |
| Total liabilities | 560,705 | 383,307 |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS <br> (A Schedule of Funding Progress is presented on page 15) | \$2,798,535 | \$2,134,357 |

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

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

## Statements of Changes in Plan Net Assets

For the Years Ended December 31, 2005 and 2004
(In thousands)

|  | $\underline{2005}$ | $\underline{2004}$ |
| :---: | :---: | :---: |
| ADDITIONS: |  |  |
| Contributions: |  |  |
| Employer | \$ 565,569 | \$ 35,251 |
| Employee | 23,392 | 20,896 |
| Total contributions | 588,961 | 56,147 |
| Net investment income: |  |  |
| Dividends | 21,143 | 19,442 |
| Interest | 40,630 | 27,417 |
| Net appreciation in fair value of investments | 153,271 | 249,190 |
| Securities lending income | 12,135 | 3,901 |
| Less investment expenses: |  |  |
| Investment management fees | $(7,186)$ | $(6,260)$ |
| Custody fees | (125) | (125) |
| Consultant fees | (250) | (240) |
| Securities lending borrower rebates | $(10,984)$ | $(3,154)$ |
| Securities lending management fees | (345) | (224) |
| Total investment expenses | $(18,891)$ | $(10,003)$ |
| Net investment income | 208,288 | 289,947 |
| Other income | 293 | 240 |
| Total increases | 797,542 | 346,334 |
| DEDUCTIONS: |  |  |
| Benefit payments | 127,578 | 116,675 |
| Refund of contributions | 3,049 | 2,976 |
| Administrative expenses | 2,737 | 2,075 |
| Total deductions | 133,364 | 121,726 |
| Net increase in net assets available for benefits | 664,178 | 224,608 |
| NET ASSETS HELD IN TRUST FOR PENSION BENEFITS |  |  |
| Beginning of year | $\underline{2,134,357}$ | 1,909,749 |
| End of year | \$2,798,535 | \$2,134,357 |

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, 2005 and 2004

## (1) 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, 2005 and 2004, the Plan's membership consisted of:

$$
\underline{2005} \quad \underline{2004}
$$

| Retirees and beneficiaries currently <br> receiving benefits and inactive <br> members entitled to benefits but <br> not yet receiving them | $\underline{5,813}$ | $\underline{5,415}$ |
| :--- | ---: | ---: |
| Current members: |  |  |
| Vested | 5,361 | 5,483 |
| Nonvested | $\underline{2,402}$ | $\underline{\underline{2,342}}$ |
|  | $\underline{7,763}$ | $\underline{7,825}$ |
|  | Total current members | $\underline{13,576}$ |
|  | $\underline{13,240}$ |  |

(b) Pension Benefits

Effective November 7, 1989, members of the Plan are entitled to pension benefits equal to $2-3 / 4 \%$ 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 in 2005 and 2004 were $3.21 \%$ and $2.35 \%$, respectively.

# EMPLOYEES' RETIREMENT FUND OF 

THE CITY OF DALLAS

## Notes to the Financial Statements

December 31, 2005 and 2004

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.
(c) Disability and Death Benefits

Members that become totally and permanently disabled receive disability benefits equal to normal retirement benefits or a minimum of $\$ 500$ per month for a service connected disability.

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.
(d) 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.

Although the City and the members have contributed the legally required percentages established by

# EMPLOYEES' RETIREMENT FUND OF THE CITY OF DALLAS 

Notes to the Financial Statements
December 31, 2005 and 2004

Chapter 40A, the actual contributions made by the City and the members have been less than the Actuarially Required Contribution (ARC) that is necessary to cover the amortization of the unfunded liability or the expense allowance components of the ARC for the previous five years. During 1999 a working group established by the City Manager's Office and the Plan's Board of Trustees (the "Board") completed their evaluation of strategies to address the additional funding requirements. The Working Group recommended contribution increases by the City and the employees and that an automatic contribution adjustment mechanism be incorporated into the Plan. The Board and the City Council adopted the recommendations of the working group, and in December 1999 the employee membership voted to increase their contributions to the Plan. These contribution increases began phasing in over a two-year period beginning October 1, 2000. Effective October 1, 2000 the City's contribution increased from $8.5 \%$ to $9.75 \%$ and the employee contribution increased from $5.0 \%$ to $5.75 \%$. On October 1, 2001 the City's contribution increased from $9.75 \%$ to $11.0 \%$ and the employee contribution increased from $5.75 \%$ to $6.5 \%$.

The other recommendation made by the Working Group which would require voter approval was to put an automatic contribution adjustment mechanism in the Plan to adjust contribution rates by the City and the employees every three years based on a change of more than $2 \%$ in the actuarially required contribution rate. This recommendation was initially approved by the City Council. However, the recommended Plan change was not placed on a ballot for voter approval. A new Mayor and City Council became concerned with the size of the unfunded actuarial liability and recommended a new study be completed. A new study committee consisting of seven members was appointed in December 2003 to again study the unfunded liability issue and to make recommendations to the City Council on how to solve the problem. The study committee presented its report to the City Council at the May 12, 2004 Council Meeting. The study committee made several recommendations to the City Council. The primary recommendations were to issue pension obligation bonds to cover the current unfunded liability, increase the contributions of the City and employees, and place before the voters a plan change amendment that would put a modified automatic contribution adjustment mechanism in the Plan. The Council voted to support the recommendations of the study committee.

After the Council voted to support the study committee recommendations, the Board, the City Manager, the Chief Financial Officer, and the City Attorney's office all worked to draft a plan amendment to incorporate the recommended changes. This amendment was completed and submitted to the Dallas voters on the November 2, 2004 ballot. The plan amendment passed with $71 \%$ of the voters voting in favor of the amendment.

The changes this amendment 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.

After passage of the plan amendment the Council approved the issuance of $\$ 399,000,000$ in pension obligation bonds (POBs) with a $\$ 140,000,000$ premium to address the unfunded liability. These bonds

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EMPLOYEES' RETIREMENT FUND OF
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## Notes to the Financial Statements

December 31, 2005 and 2004
are general obligation bonds of the City, and the net proceeds of $\$ 533,397,000$ were contributed to the Fund on February 16, 2005. The plan amendment provided that the City's payment of the principal and interest on the POBs is part of their $63 \%$ of the contribution rate to the Plan.

Based on the authorization in the plan amendment, the 2004 actuarial valuation established new contribution rates for employees and the City. The new rates which became effective October 1, 2005 are $9.03 \%$ of pay for employees and a combined rate of $15.38 \%$ of pay for the City. The City's $15.38 \%$ is divided into $6.99 \%$ cash to the Plan and $8.39 \%$ 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 system or the actuarial assumptions used, may significantly affect the identification of trends in the amounts reported in this schedule.
(e) Plan Administration

Effective March 1, 2005 as a result of the Plan change amendment passed in November 2004, the Board of Trustees (the "Board") composition changed from five to seven members. 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 $\$ 1,563,000$ and $\$ 1,686,000$ at December 31, 2005 and 2004, respectively) as of the Plan's fiscal year-end are recorded as contributions receivable. In addition, unsettled investment purchases and sales are accrued.
(b) Administrative Expenses

Administrative expenses (excluding investment related expenses) totaling approximately $\$ 2,737,000$ and $\$ 2,075,000$ for the years ended December 31, 2005 and 2004 respectively 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.

December 31, 2005 and 2004
(c) Use of Estimates

The preparation of financial statements in accordance with U. S. accounting principles generally accepted 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.

Investments are valued at fair value based on quoted market prices, where available. Estimated fair values of 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, 2005 and 2004 were converted to U.S. dollars at the foreign exchange rates quoted at December 31, 2005 and 2004. These foreign exchange gains and losses which were immaterial are included in net appreciation in fair value of investments in the accompanying statements of changes in net assets.

## Securities Lending

The Board has authorized the Plan to enter into an agreement with The Northern Trust 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.

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, 2005 and 2004.
(3) Deposit and Investment Risk Disclosures

Investments are subject to certain types of risks, including interest rate risk, custodial credit risk, credit

## EMPLOYEES' RETIREMENT FUND OF <br> THE CITY OF DALLAS <br> Notes to the Financial Statements

December 31, 2005 and 2004
quality risk and foreign currency risk. The Plan's exposure to deposit and investment risks are disclosed in the following sections.

## 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 does not have a policy for custodial credit risk. As of December 31, 2005 and December 31, 2004 respectively, $\$ 5,359,000$ and $\$ 1,412,000$ of the Plan's total investments (excluding short term investments) of approximately $\$ 2,786,000,000$ and $\$ 2,116,000,000$ were exposed to custodial credit risk as follows (in thousands):

|  | $\underline{2005}$ |  | $\underline{2004}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Fair Value | Asset Type as a percent of Total Investment | Fair Value | Asset Type as a percent of Total Investmen |
| Uninsured and uncollateralized deposits held by custodian bank outside of the United States: |  |  |  |  |
| Deposits | \$ 5,359 | .19\% | \$ 1,412 | .067\% |
| Total | \$5,359 |  | \$1,412 |  |

## Concentration of Credit Risk

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. The Northern Trust Company ("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 31,2005 and 2004 are as shown below (in thousands except per share amounts). The plan does not have a policy for concentration credit risk.

|  | $\underline{2005}$ |  | $\underline{2004}$ |  |
| :---: | :---: | :---: | :---: | :---: |
|  | $\begin{array}{c}\text { Number } \\ \text { of } \\ \text { Shares/Units }\end{array}$ | Fair Value | $\begin{gathered} \text { Number } \\ \text { of } \\ \text { Shares/Units } \end{gathered}$ | Fair Value |
| Investments greater than 5\% of net assets, at fair value: |  |  |  |  |
| NTGI S\&P 500 Equity Index Fund | 180,011 | \$596,846 | 83,082 | \$262,499 |
| NTGI Collective Russell 1000 | 450,374 | 314,336 | 450,374 | 293,309 |
| NTGI EAFE | 663,404 | 214,283 | - |  |
| Investments less than 5\% of net assets: |  |  |  |  |
| At fair value |  | 2,160,266 |  | 1,946,791 |
| At estimated fair value |  | 161 |  | 289 |
| Total cash and investments |  | \$3,285,892 |  | \$2,502,888 |

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

Notes to the Financial Statements

December 31, 2005 and 2004

## Credit Risk

The Plan's strategic fixed income investment policy allocates 30 percent of the total assets to fixed income. The policy provides for investment of up to 20 percent of the fixed income assets in investment grade assets and up to 10 percent of the fixed income assets in high yield (below investment grade) assets. The investment grade allocation also allows the managers to invest in non-US dollar issues on an opportunistic basis up to 20 percent of their portfolio assets. Long term bond ratings as of December 31, 2005 and 2004 are as follows (in thousands):

| Bond Category | $\begin{aligned} & \text { Moody's Rating* } \\ & \text { (unless noted) } \\ & 12 / 31 / 2004 \end{aligned}$ | $\begin{aligned} & \text { Fair Value } \\ & 12 / 31 / 2005 \end{aligned}$ | Percentage of Bond Portfolio 12/31/2005 | Fair Value $12 / 31 / 2004$ | Percentage of Bond Portfolio 12/31/2004 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| U. S. Agencies | Aaa | \$ 174,711 | 22.06 | \$ 124,309 | 23.19 |
| U. S. Treasury Bonds | Aaa | 9,330 | 1.18 | 2,043 | 0.38 |
| U. S. Treasury Inflation | Aaa | - | - | 1,734 | 0.32 |
| U. S. Treasury Notes | Aaa | 105,853 | 13.36 | 26,669 | 4.98 |
| Corporate Bonds | Aaa | 55,881 | 7.05 | 31,391 | 5.86 |
| Foreign Bonds | Aaa | 11,826 | 1.49 | 5,845 | 1.09 |
| Mortgages | Aaa | 53,701 | 6.78 | 24,318 | 4.54 |
| Corporate Bonds | Aal | 828 | 0.10 | 2,364 | 0.44 |
| Corporate Bonds | Aa2 | 4,018 | 0.51 | 3,990 | 0.74 |
| Corporate Bonds | Aa3 | 12,494 | 1.58 | 22,422 | 4.18 |
| Corporate Bonds | A1 | 13,250 | 1.67 | 14,233 | 2.66 |
| Corporate Bonds | A2 | 21,977 | 2.77 | 23,689 | 4.42 |
| Corporate Bonds | A3 | 7,902 | 1.00 | 15,985 | 2.98 |
| Corporate Bonds | A- (S\&P) | - | - | 823 | 0.15 |
| Corporate Bonds | Baa | - | - | 6,032 | 1.13 |
| Corporate Bonds | Baal | 23,514 | 2.97 | 26,914 | 5.02 |
| Foreign Bonds | Baal | 8,026 | 1.01 | 418 | 0.08 |
| Corporate Bonds | Baa2 | 29,484 | 3.72 | 21,063 | 3.93 |
| Foreign Bonds | Baa2 | 1,668 | 0.21 | 697 | 0.13 |
| Corporate Bonds | Baa3 | 21,127 | 2.67 | 18,062 | 3.37 |
| Foreign Bonds | Baa3 | 2,151 | 0.27 | - | - |
| Corporate Bonds | Bal | 2,330 | 0.29 | 4,429 | 0.83 |
| Foreign Bonds | Ba1 | 2,527 | 0.32 | - | - |
| Corporate Bonds | Ba 2 | 28,903 | 3.65 | 23,213 | 4.33 |
| Corporate Bonds | Ba3 | 37,062 | 4.68 | 28,929 | 5.39 |
| Foreign Bonds | Ba3 | 404 | 0.05 | 1,228 | 0.23 |
| Foreign Bonds | BBB (S\&P) | 2,559 | 0.32 | 3,470 | 0.65 |
| Corporate Bonds | B1 | 41,000 | 5.18 | 24,562 | 4.57 |
| Corporate Bonds | B2 | 59,444 | 7.50 | 37,675 | 7.03 |
| Corporate Bonds | B3 | 43,201 | 5.45 | 22,857 | 4.26 |
| Mortgages | B3 | - | - | 725 | 0.14 |
| Corporate Bonds | Caal | 10,606 | 1.34 | 8,254 | 1.54 |
| Corporate Bonds | Caa2 | 4,225 | 0.53 | 6,162 | 1.15 |
| Corporate Bonds | Ca | 2,042 | 0.26 | 1,192 | 0.22 |
| Corporate Bonds | NR | 206 | 0.03 | 360 | 0.07 |
|  | Total | \$ 792,250 | 100.00 | \$ 536,057 | 100.00 |

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

Notes to the Financial Statements
December 31, 2005 and 2004

## Foreign Currency Risk

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 20 percent of assets to international equity. The fixed income policy permits up to twenty percent 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, was $13.48 \%$ and $22.40 \%$ of invested assets at December 31, 2005 and 2004 respectively. The Plan's positions in such fixed income assets invested were $1.05 \%$ and $.37 \%$ of invested assets at December 31, 2005 and 2004 respectively.

Non-US Dollar denominated investments at December 31, 2005 and 2004 were as follows (in thousands):

| Currency | Investment Type | U. S. Dollars Balance of Investment at $12 / 31 / 2005$ (in thousands) | U. S. Dollars Balance of Investment at 12/31/2004 (in thousands) |
| :---: | :---: | :---: | :---: |
| Euro | Equities | \$ 24,645 | \$ 77,486 |
|  | Fixed Income | - | 878 |
| Japanese Yen | Equities | 47,266 | 57,625 |
|  | Fixed Income | 985 | 2,340 |
| British Sterling Pound | Equities | 21,668 | 57,705 |
|  | Fixed Income | 9,748 | 1,288 |
| Swiss Francs | Equities | 4,848 | 26,461 |
| Hong Kong Dollars | Equities | 5,624 | 11,222 |
| Australian Dollars | Equities | 13,058 | 9,822 |
| Korean Won | Equities | 2,950 | 8,136 |
| Canadian Dollars | Equities | 1,613 | 4,831 |
|  | Fixed Income | - | 463 |
| New Zealand Dollars | Equities | - | 3,627 |
| Singapore Dollar | Equities | 1,053 | 1,714 |
| Swedish Krona | Equities | 660 | 17 |
|  | Fixed Income | 1,093 | 876 |
| Danish Krone | Equities | 272 | 198 |
| Mexican Peso | Fixed Income | 6,783 | - |
| Turkish Lira | Equities | 262 | - |
| Norwegian Krone | Equities | 1,867 | - |
|  | Total | \$ 144,395 | \$ 264,689 |

## Interest Rate Risk

As of December 31, 2005 and 2004 the weighted-average maturity of the bonds by bond type are as follows:

|  | $\begin{gathered} \text { Par Value } \\ 12 / 31 / 2005 \\ \text { (in thousands) } \end{gathered}$ |  | Weighted Average Maturity (years) at $12 / 31 / 2005$ | $\begin{gathered} \text { Par Value } \\ 12 / 31 / 2004 \\ \text { (in thousands) } \end{gathered}$ |  | Weighted Average Maturity (years) at $12 / 31 / 2004$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  |  |  |
| Bond Category |  |  |  |  |  |  |
| Asset Backed | \$ | 62,281 | 9.85 |  | 36,791 | 14.65 |
| Bank Deposits |  | 2,500 | 0.17 |  | - | - |
| Commercial Mortgage-Backed |  | 23,780 | 33.78 |  | 1,322 | 26.98 |
| Corporate Bonds |  | 479,622 | 2.78 |  | 302,638 | 7.76 |
| Government Agencies |  | 243,980 | 2.78 |  | 11,070 | 4.76 |
| Government Bonds |  | 136,977 | 5.63 |  | 274,583 | 2.09 |
| Government Mortgage-Backed |  |  |  |  |  |  |
| Securities |  | 161,385 | 25.03 |  | 109,649 | 8.00 |
| Index Linked Government Bond |  | - | - |  | 1,660 | 9.54 |
| Non-Government Backed |  |  |  |  |  |  |
| C.M.O.'s |  | 25,124 | 29.20 |  | 20,772 | 24.56 |
| Repurchase Agreement |  | 1,110 | 6.32 |  | - | - |
| Short Term Bills and Notes |  | 13,836 | 0.15 |  | - | - |
| Total | \$ | 1,150,595 |  |  | 758,485 |  |
| Portfolio weighted Average maturity |  |  | 7.72 |  |  | 6.53 |

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

## Notes to the Financial Statements

December 31, 2005 and 2004

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 $20 \%$ of the total fixed income portfolio, or a fair market value of $\$ 159,911$ at year-end 2004, and $20 \%$ of the fixed income portfolio, fair market value of $\$ 106,052$ at year end 2005. The Board does not have a separate policy for interest rate risk.

## Appreciation or Depreciation of Investments

In 2005 and 2004, the Plan's investments, including investments bought, sold, and held during the year, appreciated (depreciated) in value as follows (in thousands):

|  | $\underline{2005}$ | 2004 |
| :---: | :---: | :---: |
| Investments, at fair value: |  |  |
| Commingled index funds | \$55,635 | \$63,694 |
| Domestic equities | 53,044 | 97,099 |
| United States and foreign government securities | $(4,807)$ | 1,284 |
| Corporate bonds and notes | $(20,306)$ | 1,311 |
| International equities | 69,434 | 85,808 |
| Short-term investments | (547) | 86 |
| Currency contracts | 784 | (98) |
|  | 153,236 | 249,184 |
| Investments, at estimated fair value: |  |  |
| Venture capital funds | 34 | 6 |
|  | \$153,271 | \$249,190 |

## 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, 2005 and 2004, the type of collateral held, the market value of the securities on loan, and the market value of the collateral held (in thousands except percents).

| Collateral Type | Fair Value $\underline{12 / 31 / 2005}$ | $\begin{aligned} & \text { Collateral } \\ & \text { Market } \\ & \text { Value } \\ & \underline{12 / 31 / 2005} \end{aligned}$ | Collateral Percentage | Fair Value $\underline{12 / 31 / 2004}$ | $\begin{gathered} \text { Collateral } \\ \text { Market } \\ \text { Value } \\ 12 / 31 / 2004 \\ \hline \end{gathered}$ | Collateral Percentage |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Cash | \$416,626 | \$428,180 | 103\% | \$298,963 | \$306,752 | 103\% |
| Non-cash | 16,508 | 16,908 | 102\% | 14,340 | 14,657 | 102\% |
| Total | \$433,134 | \$445,088 |  | \$313,303 | \$321,409 |  |

## EMPLOYEES' RETIREMENT FUND OF

THE CITY OF DALLAS

## Notes to the Financial Statements

December 31, 2005 and 2004

The Board did not impose any restrictions during the respective fiscal year on the amount of the loans that Northern made on its behalf. There were no failures by any borrowers to return the loaned securities or pay distributions thereon during the fiscal year. Moreover, there were no losses during the respective fiscal year resulting from default of the borrowers or Northern. Northern is contractually obligated to fully indemnify the Plan for a borrower's failure to return the loaned securities.

During the fiscal year, the Board and the borrowers maintained the right to terminate all securities lending transactions on demand. The cash collateral was invested, together with the collateral of other qualified tax-exempt plan lenders, in a collective investment pool maintained by Northern. The relationship between the average maturities of the investment pool and the Plan's loans was affected by the maturities of the loans made by other plans' entities that invested cash collateral in the collective investment pool, which the Board could not determine. On December 31, 2005 and 2004, the Plan had no credit risk exposure to borrowers.

The following represents the balances relating to the securities lending transactions as of December 31, 2005 and 2004 (in thousands):

| Securities Lent | Underlying Securities 12/31/2005 | Securities <br> Collateral <br> Value $12 / 31 / 2005$ | Cash Collateral Investment Value 12/31/2005 | Underlying Securities $12 / 31 / 2004$ | Securities <br> Collateral <br> Value $\underline{12 / 31 / 2004}$ | Cash Collateral Investment Value 12/31/2004 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lent for cash Collateral: |  |  |  |  |  |  |
| Domestic equities | \$170,681 |  | \$175,312 | \$122,435 |  | \$125,281 |
| Domestic corporate fixed income | 79,210 |  | 81,300 | 65,057 |  | 66,450 |
| International equities | 30,177 |  | 31,919 | 42,170 |  | 44,371 |
| US government, agency \& foreign securities | 136,558 |  | 139,649 | 69,301 |  | 70,650 |
| subtotal : | 416,626 |  | 428,180 | 298,963 |  | 306,752 |


| Lent for securities Collateral: |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Domestic equities | - | - |  | 545 | 2,846 |  |
| Domestic corporate fixed income | 6,684 | 10,059 |  | 6,495 | 4,610 |  |
| International equities | 9,824 | - |  | 4,514 | 571 |  |
| US government, agency \& foreign securities | - | 6,849 |  | 2,786 | 6,630 |  |
| Total | \$433,134 | \$ 16,908 | \$428,180 | \$313,303 | \$ 14,657 | \$306,752 |

## (4) 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 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.

REQUIRED SUPPLEMENTARY INFORMATION
(Unaudited Data)

## Schedule of City Contributions

The following table shows information related to City contributions (in thousands):

|  | Annual Actuarially |  |
| :---: | :---: | :---: |
| Years Ended | Required | Percentage |
| December 31 | Contribution | Contributed |
| 2000 | 33,682 | 82.7 |
| 2001 | 31,728 | 110.9 |
| 2002 | 49,475 | 74.0 |
| 2003 | 65,849 | 52.7 |
| 2004 | 71,382 | 49.4 |
| 2005 | 27,898 | 2029.3 |

## Schedule of Funding Progress

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


To address the 2003 unfunded liability, the City Council approved and issued $\$ 399,000,000$ in pension obligation bonds with a $\$ 140,000,000$ premium. The net proceeds of $\$ 533,397,000$ were included as a receivable in the plan's actuarial valuation for 2004. This significantly reduced the unfunded liability for 2004 as shown above.

The actuarial information presented is determined by an actuarial valuation that results from applying various assumptions with regard to termination, disability, retirement, mortality, and the time value of money to the accumulated plan benefits.

Actuarial methods used are entry age normal for actuarial cost method and level percent open for amortization method. The remaining amortization period is 30 years. Significant actuarial assumptions used include: (a) an annual rate of return on the investment of present and future assets of $8.25 \%$ in 2005 and $8.5 \%$ in 2004, compounded annually; (b) projected salary increases based on graded rates in 2005 and 2004, compounded annually, attributable to inflation; (c) post retirement benefit increases of $3 \%$ in 2005 and $3 \%$ in 2004 calculated annually; and (d) asset valuation method three year smoothed market.

Certain factors, such as changes in benefit provisions, the size or composition of the population covered by the system, 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, 2005
Personal services
Salaries ..... \$1,004,839
Retirement ..... 120,449
Insurance ..... 69,410
Total Personal Services ..... 1,194,698
Professional services
Actuary Service ..... 71,720
Accounting \& Audit Fees ..... 38,000
Attorney fees ..... 23,041
Communication ..... 16,156
Medical ..... 7,077
Total Professional Services ..... 155,994
Operating Services:
Data Processing ..... 84,272
Election ..... 659,227
Parking ..... 11,583
Printing ..... 27,980
Rent ..... 203,901
Supplies and Services ..... 134,783
Telephone ..... 17,567
Travel and Training ..... 80,927
Indirect and Other Costs ..... 153,959
Total Operating Services ..... 1,374,199
Furniture \& Fixtures
Furniture ..... 11,998
Other
Total Furniture \& Fixtures ..... 11,998
Total Administrative Expenses ..... \$2,736,889

## Schedule of Investment Expenses

as of December 31, 2005
Manager Fees \$7,185,808
Custodian Fees 125,000
Securities Lending Fees* 11,329,724

Investment Consultant Fees 250,000

Total Investment Expenses
$\xlongequal{\$ 18,890,532}$
*Securities lending fees include broker rebates and the lending agent's fees.

## Schedule of Payments for Professional Services

as of December 31, 2005

## Accounting and Audit: Financial Control Systems <br> \$38,000

Actuarial: Gabriel, Roeder, Smith \& Company 71,720
Election: Voice Retrieval \& Information Services 8,703
Legal: Various 23,041
Medical: Various 7,178
Investments: Wilshire Associates, Inc $\underline{\underline{250,000}}$

Total Professional Services Payments
$\$ 398,642$
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June 15, 2006

Ms. Cheryl Clemons
Administrator
City of Dallas Employees' Retirement Fund
600 North Pearl Street \#2450
Dallas, TX 75201
Re: 2004 Performance Results

## Dear Cheryl:

The purpose of this letter is to review the 2005 investment performance results of the Dallas Employees' Retirement Fund System ("ERF, the Fund").

ERF maintains a well-diversified investment portfolio that consists of domestic and international equities, fixed income, and real estate securities. During 2005, the Fund generated a return of $8.27 \%{ }^{1}$, which outpaced both the Fund's asset allocation policy benchmark return of $8.09 \%$ and the actuarial rate of interest of $8.25 \%$. All of the fund's major asset classes had positive returns during the year. The Fund's domestic equities rose $5.96 \%$, international equities gained $18.07 \%$, global fixed income increased $1.47 \%$, domestic high yield fixed income appreciated $1.35 \%$ and real estate gained $16.90 \%$. Overall, ERF enjoyed solid gains in 2005.

At the beginning of 2005, the ERF Board of Trustees reviewed the Fund's asset allocation policy and reconfirmed its long-term strategic asset allocation. The approved allocations are:

| Asset Class | Allocation |
| :--- | ---: |
| Domestic Equity | $40 \%$ |
| Fixed Income | $20 \%$ |
| International Equity | $20 \%$ |
| High Yield | $10 \%$ |
| Real Estate Securities | $10 \%$. |

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


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## INVESTMENT POLICIES SUMMARY

## Statement of Goals

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

1. The overall goal of the Plan 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 Plan 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 Plan investment program shall at all times comply with existing and applicable local, state and federal regulations.

Investment Philosophy

The Plan 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 Plan 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.

## Investment Results

Investment Summary
The investment managers and the returns by investment category are shown in the following tables.

| Investment Category | 2005 Rate of Return |
| :--- | :---: |
| Domestic Equities | $5.96 \%$ |
| International Equities | $18.07 \%$ |
| Fixed Income | $1.47 \%$ |
| High Yield Bonds | $1.35 \%$ |
| Real Estate Securities | $16.90 \%$ |
| Cash Equivalents | $3.06 \%$ |
| Venture Capital | $-11.95 \%$ |
| Total Portfolio | $8.27 \%$ |

## Investment Managers

Domestic Equities, REITs \& Commingled Index Funds

International Equities

Fixed Income

Cash Equivalents

Venture Capital

Northern Trust Global Investments Systematic Financial
Adelante Capital
Security Capital

Acadian
Baring
Northern Trust Global Investments

Loomis Sayles
Payden \& Rygel
W.R. Huff

Oaktree

The Northern Trust Company

Alliance Capital
Brinson Partners

## Total Plan Results

The world equity markets as measured by various indices were positive for 2005 with the MSCI All World ex-US Index returning 17.11\% and the Dow Jones Wilshire 5000 returning 6.38\%. The Lehman Aggregate was up 2.43\%. The Citigroup High Yield Cash Pay Index was up $2.07 \%$ for the year.

At December 31, 2005, the net asset value of the Plan was $\$ 2.8$ billion. This value represents a $31.12 \%$ or $\$ 700$ million increase over last year's value of $\$ 2.1$ billion. The Net Assets of the Plan graph below provides a pictorial history of the Plan's growth over the past 10 years.

Market Value of Assets


## Asset Allocation

The Plan's long-term strategic asset allocation policy sets the following targets: $50 \%$ in domestic equity including REIT securities; $20 \%$ in international equity; 20\% in global fixed income; and $10 \%$ in high yield fixed income. The chart on the next page shows the investments by asset class at year-end. Venture capital had a small allocation (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. 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 $50 \%$ of the Plan's total assets including $10 \%$ ultimately allocated to REITs. Passively managed index funds totaled $65 \%$ of domestic equity assets at year end, and actively managed portfolios represented the remaining $35 \%$. The domestic equity and REIT's segment returned $5.96 \%$ and $16.90 \%$ respectively for the year while the benchmark Wilshire 5000 Index had a return of $6.38 \%$ and the Wilshire Real Estate Securities index returned $13.82 \%$. The S\&P 500 index returned $4.89 \%$ for the year.

International equity has a target allocation of $20 \%$, and it is split between two active managers and one index manager. The Plan's international equity composite return was $18.07 \%$ while the MSCI All World ex-US Index reported a return of $\mathbf{1 7 . 1 1 \%}$ for the year.

## Asset Allocation



## Global Fixed Income

Global fixed income has a target of $20 \%$ of total assets. This allocation is split evenly between two investment managers. During the year the global fixed income returned $1.47 \%$ while the Citigroup Non-US Government Bond Index returned -9.21\% and the Lehman Aggregate Index returned 2.43\%.

High Yield Fixed Income

High yield fixed income has a target of 10\%. This allocation is also evenly split between two investment managers. The high yield return for 2005 was $1.35 \%$ and the Citigroup High Yield Cash Pay Index returned 2.07\%.

## Alternative Investments

Although venture capital is no longer a part of the long-term strategic asset allocation policy, residual values did remain at year-end as this investment is in liquidation status. The venture capital investments had a $-11.95 \%$ return versus the S\&P 500 Index's return of $4.89 \%$.

## Annualized Rates of Return

as of December 31, 2005

|  | $\mathbf{2 0 0 5}$ | $\mathbf{3 - Y e a r}$ | $\mathbf{5 - Y e a r}$ |
| :--- | :---: | :---: | :---: |
| Total Plan | $8.27 \%$ | $16.61 \%$ | $6.28 \%$ |
| Domestic Equity | 5.96 | 16.49 | 2.75 |
| S\&P 500 Index | 4.89 | 14.39 | 0.54 |
| Dow Jones Wilshire 5000 Index | 6.38 | 16.35 | 2.10 |
| International Equity | 18.07 | 27.27 | 7.97 |
| MSCI ACWI ex US (G) Index | 17.11 | 26.19 | 6.66 |
| MSCI EAFE Index | 13.53 | 23.68 | 4.55 |
| Global Fixed Income | 1.47 | 3.59 | 5.94 |
| $\quad$ Lehman Aggregate Bond Index | 2.43 | 3.62 | 5.87 |
| Citigroup Non-US Government Bond Index | -9.21 | 6.46 | 7.26 |
| High Yield Fixed Income | 1.35 | 9.68 | 7.72 |
| Citigroup High Yield Cash Pay | 2.07 | 13.42 | 9.17 |
| Venture Capital | -11.95 | -7.56 | -11.35 |
| Cash Equivalent | 3.06 | 1.84 | 2.34 |
| T-Bills | 3.06 | 1.84 | 2.34 |
| Real Estate Securities | 16.90 | 29.50 | -- |
| Dow Jones Wilshire REIT Index | 13.82 | 27.32 | 19.15 |

## Investment Management Fees

as of December 31, 2005

|  |  |  |  |
| :--- | ---: | ---: | ---: |
| Investment | Assets Under <br> Management | Fees | Basis <br> Points |
| Domestic Equity | $\$ 1,409,399,702$ | $\$ 2,976,761$ | 21.1 |
| International Equity | $590,906,435$ | $1,924,564$ | 32.6 |
| Global Fixed Income | $580,248,083$ | $1,083,682$ | 18.7 |
| High Yield Fixed Income | $256,731,732$ | $1,196,953$ | 46.6 |
| Venture Capital | 161,492 | 3,848 | 238.3 |
| Cash Equivalents | $20,264,481$ | $\mathrm{~N} / \mathrm{A}$ | $\mathrm{N} / \mathrm{A}$ |


| Other Investment Services |  |
| :--- | ---: |
| Investment Consultant | 250,000 |
| Custodian | 125,000 |
| Security Lending* | $\underline{11,329,724}$ |
| Subtotal | $\underline{11,704,724}$ |
| Total Investment Management Fees | $\underline{\$ 18,890,532}$ |

*Securities lending fees include broker rebates and the lending agent's fees.

## Ten Largest Holdings*

as of December 31, 2005

## Equity

MFB NTGI-QM COLTV DAILY S\&P 500
MFB NTGI-GM COLTV DAILY RUSSEL MFB NTGI-QM COLTV EAFE INDEX JAPAN MSCI INDEX

SIMON PPTY GROUP INC NEW
PROLOGIS TR
UK MSCI INDEX
AVALONBAY CMNTYS INC
MSCI FINANCIALS SECTOR INDEX
MSCI ENERGY SECTOR INDEX

| Shares | Market |
| ---: | ---: |
| $180,010.60$ | $\$ 596,846,386$ |
| $450,374.35$ | $314,335,625$ |
| $663,403.69$ | $214,282,709$ |
| $3,912,729.05$ | $39,624,207$ |
| $280,600.00$ | $21,502,378$ |
| $456,500.00$ | $21,327,680$ |
| $382,704.69$ | $20,903,713$ |
| $233,200.00$ | $20,813,100$ |
| $1,355,822.92$ | $18,165,315$ |
| $1,059,571.35$ | $17,833,645$ |


| Par Value | Market |
| ---: | ---: |
| $31,920,000$ | $\$ 32,209,259$ |
| $19,430,000$ | $19,226,587$ |
| $18,060,000$ | $17,469,528$ |
| $16,690,000$ | $16,181,472$ |
| $16,030,000$ | $15,869,700$ |
| $14,830,000$ | $14,521,239$ |
| $10,400,000$ | $10,318,339$ |
| $5,400,000$ | $9,748,146$ |
| $9,190,000$ | $9,244,570$ |
| $9,268,175$ | $9,180,776$ |

*A complete list of portfolio holdings is available upon request.

## Investment Holdings Summary

as of December 31, 2005

| Investment Sector | Market Value | Percentage of Market Value |
| :---: | :---: | :---: |
| Fixed Income |  |  |
| Government Bonds | \$319,054,366 | 11.16\% |
| Corporate Bonds | 473,195,810 | 16.56\% |
| Total Fixed Income | 792,250,176 | 27.72\% |
| Equity |  |  |
| Common Stock | 867,820,077 | 30.37\% |
| Index \& Commingled | 1,125,464,719 | 39.38\% |
| Total Equity | 1,993,284,796 | 69.75\% |
| Alternative Investments |  |  |
| Venture Capital | 161,492 | 0.01\% |
| Total Alternative Investments | 161,492 | 0.01\% |
| Cash And Equivalents |  |  |
| Cash | 1,215,777 | 0.04\% |
| Cash Equivalents | 70,799,684 | 2.48\% |
| Total Cash And Equivalents | 72,015,461 | 2.52\% |
| Total Plan | \$2,857,711,925 | 100.00\% |

## ACTUARIAL SECTION <br> (Unaudited)

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The Report of the
December 31, 2005 Actuarial Valuation of the Employees' Retirement Fund of the City of Dallas


$$
\frac{\text { Employees' Retirement Fund }}{\mid \text { of the City of DALLAS } \mid}
$$

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May 9, 2006

Board of Trustees
Employees' Retirement Fund of the City of Dallas
600 North Pearl Street
Suite 2450
Dallas, Texas 75201

Dear Members of the Board:
We are pleased to present the report of the actuarial valuation of the Employees' Retirement Fund of the City of Dallas ("ERF") as of December 31, 2005.
This valuation provides information on the funding status of ERF. It includes a determination of the actuarially calculated contribution level for the 2006 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, 2006. 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 pension obligation bonds for fiscal year 2007.
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 value of the trust fund as of that date. All member data and asset information were provided by ERF staff. While certain checks for reasonableness were performed, the data used was not audited.
The actuarial assumptions and cost method are those adopted by the Board of Trustees in April 2006 following the completion of an experience investigation.
To the best of our knowledge, this report is complete and accurate and was conducted in accordance with standards of practice by the Actuarial Standards Board and in compliance with the provisions of the ordinance. The actuarial assumptions used for the valuation produce results which, in the aggregate, are reasonable. The valuation was produced under the supervision of a Member of the American Academy of Actuaries, and all three signatories have significant experience valuing large, public employee retirement systems.
Respectfully submitted,


Norman S. Lock, F.S.A. Senior Consultant


Lewis Ward
Consultant


Mark R. Randall, M.A.A.A Senior Consultant
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## SUMMARY OF THE VALUATION

## 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, a new funding process commenced October 1, 2005. From that 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 pension obligation bonds issued in 2005 and the contributions to the ERF. In subsequent years, the contribution rate will change only if the actuarial valuation develops a "current total obligation rate" which differs from the "prior adjusted total obligation rate" by $3.00 \%$ or more.

## Actuarial Contribution

The Actuarially Required Contribution Rate developed in this actuarial valuation is $14.03 \%$ of active member payroll. This rate excludes the amount needed to make the City's debt service payment on the pension obligation bonds in fiscal year 2007. The debt service payment was determined to be $8.53 \%$ of projected payroll. The sum of these rates is $22.56 \%$ (the Current Total Obligation Rate) which is $1.85 \%$ less than the Prior Adjusted Total Obligation Rate of $24.41 \%$. Because the difference is less than $3.00 \%$, the total contribution rate in fiscal year 2007 (the Current Adjusted Total Obligation Rate) to fund the ERF and make the debt service payment on the pension obligation bonds remains at $24.41 \%$.

## Actuarial Assumptions

Appendix $G$ of the report includes a summary of the actuarial assumptions and methods used in this valuation. In short, costs are determined using the Entry Age actuarial cost method. The assumed annual investment return rate is $8.25 \%$.

An experience investigation was completed for the five-year period ending December 31, 2005. Based on that investigation, the actuary recommended numerous changes to the actuarial assumptions.

## ERF Benefits

There have been no changes in the benefit provisions of ERF since the prior valuation.

## Experience During 2005

Actuarial Gain and Loss Analysis reviews the effects of experience that differs from that assumed on actuarial results. If such a difference increases assets or reduces liabilities, we have an actuarial gain. The reverse is an actuarial loss.

ERF experienced an overall actuarial gain in calendar year 2005. This year's overall actuarial gain amounted to approximately $\$ 134.00$ million.

The total actuarial gain is the net of the gain from assets and the gain from liabilities. The total gain is broken down as follows (\$ in millions):

|  |  | 2002 | 2003 | 2004 | 2005 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1) | Actuarial (Gain)/Loss on Assets | \$279.54 | \$118.79 | (\$15.80) | (\$133.36) |
| 2) | Actuarial (Gain)/Loss on Liabilities | (21.08) | (51.16) | (27.52) | (0.64) |
| 3) | Total Actuarial (Gain) or Loss (1+2) | 258.46 | 67.63 | (43.32) | (134.00) |

On a market value basis, the fund earned approximately $7.93 \%$ (on a dollar weighted basis net of investment expenses). However, the actual investment income was slightly more than the expected investment income on the actuarial value of assets, therefore, a small amount of excess investment income is being deferred into the future. Due to the recognition of prior years' deferred investment gains, there was an actuarial gain of nearly $\$ 133.36$ million on the actuarial value of assets. The rate of return on the actuarial value for 2005 was $13.71 \%$ (on a dollar weighted basis net of investment expenses). This result was more than the current investment return assumption of $8.25 \%$.

In addition, during 2005, there was an actuarial gain of about $\$ 640,000$ from demographic assumptions and non-investment economic assumptions (salary increases).

## Asset Information

The market value of the assets of the fund, which are available for benefits, increased from $\$ 2,668$ million as of December 31, 2004 (includes proceeds of the pension obligation bond) to $\$ 2,799$ million as of December 31, 2005. The investment markets, which turned downward significantly in the first three years of the $21^{\text {st }}$ century, have reversed themselves to produce significant investment gains in the last three calendar years.

The assets recognized for actuarial purposes (actuarial value of assets) are the product of a smoothing technique. The purpose of such a technique is to allow the use of market values, but to dampen the effect of market volatility. See Table 3 for the determination of the actuarial value of assets.

The actuarial value of assets has been increased from $\$ 2,482$ million to $\$ 2,739$ million during 2005. The rate of return on investments for 2005 on the actuarial value of assets was $13.71 \%$ compared to $9.34 \%$ in 2004. The detailed determinations of asset values utilized in this valuation and asset growth in the last year are set out in Appendix A.

## 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. Thus, it reflects the portion of the AAL that is covered by ERF assets. The UAAL is the difference between these items.

A funded ratio of $100 \%$ means that the funding of ERF is precisely 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 ERF funded ratio would have increased from $99.75 \%$ as of December 31, 2004 to $105.07 \%$ as of December 31, 2005 had the assumptions not been changed. The assumption change increased the funded ratio to $105.11 \%$.

The UAAL decreased from $\$ 6.2$ million at December 31, 2004 to $-\$ 132.1$ million at December 31, 2005 with no assumption changes. The UAAL as of December 31, 2005 after the assumption changes is $-\$ 133.1$ million. Since the UAAL is negative, this implies the actuarial assets exceed the actuarial liabilities of the Fund.

## GASB Disclosure

GASB Statements Numbers 25 and 27 set out the current accounting standards for ERF. Tables 11, 12, and 13 in Appendix D provide footnotes and/or Required Supplemental Information tables required to be disclosed by those statements.
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## STATISTICAL SECTION <br> (Unaudited)

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## Schedule of Revenue by Source

| Year Ending | Member <br> Contributions <br> $(\$ ' s 000)$ | Employer <br> Contributions <br> $(\$$ 's 000) | \% of Annual <br> Covered <br> Payroll | Investment <br> Income <br> $(\$$ 's 000) | Total <br> $(\$$ 's 000) |
| :---: | :---: | :---: | :---: | :---: | ---: |
| 1996 | 12,391 | 21,073 | 8.2 | 166,035 | 199,499 |
| 1997 | 1,193 | 22,404 | 8.4 | 262,475 | 298,072 |
| 1998 | 14,001 | 23,762 | 9.0 | 258,591 | 296,354 |
| 1999 | 14,932 | 25,217 | 8.9 | 290,691 | 330,840 |
| 2000 | 16,460 | 27,847 | 9.3 | $(68,847)$ | $(24,540)$ |
| 2001 | 20,814 | 35,182 | 10.6 | $(103,558)$ | $(47,562)$ |
| 2002 | 21,771 | 36,606 | 8.9 | $(171,787)$ | $(113,410)$ |
| 2003 | 20,580 | 34,729 | 9.2 | 412,128 | 467,437 |
| 2004 | 20,896 | 35,251 | 9.4 | 289,947 | 346,094 |
| 2005 | 23,392 | 565,569 | 58.8 | 208,288 | 797,249 |

## Schedule of Expenses by Type

| Year Ending | Benefit <br> Payments <br> $(\$ ' s ~ 000)$ | Administrative <br> Expenses <br> $(\$ ' s ~ 000)$ | Refunds <br> $(\$ ' s ~ 000)$ | Investment <br> Professional <br> Expenses <br> $(\$ ' s ~ 000)$ | Total <br> $(\$ ' s ~ 000)$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 | 61,402 | 1,665 | 2,473 | 8,470 | 74,010 |
| 1997 | 65,636 | 1,415 | 2,640 | 7,133 | 76,824 |
| 1998 | 69,111 | 1,138 | 3,020 | 8,411 | 81,680 |
| 1999 | 73,530 | 1,470 | 2,706 | 11,168 | 88,874 |
| 2000 | 81,006 | 1,860 | 2,971 | 16,212 | 102,049 |
| 2001 | 87,054 | 1,918 | 2,434 | 12,237 | 103,643 |
| 2002 | 97,363 | 1,944 | 2,552 | 7,458 | 109,317 |
| 2003 | 108,402 | 2,119 | 2,976 | 7,322 | 120,448 |
| 2004 | 116,675 | 2,075 | 2,605 | 10,003 | 131,729 |
| 2005 | 127,578 | 2,737 | 3,049 | 18,891 | 152,255 |

## Schedule of Benefit Expenses by Type

| Year Ending | $\begin{gathered} \text { Retiree } \\ (\$ \text { 's 000) } \end{gathered}$ | Beneficiary (\$’s 000) | Disability (\$’s 000) | Supplement (\$'s 000) | $\begin{aligned} & \text { Total } \\ & (\$ \text { 's 000) } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1996 | 50,719 | 3,014 | 1,828 | 5,841 | 61,402 |
| 1997 | 53,961 | 3,795 | 1,956 | 5,924 | 65,636 |
| 1998 | 57,299 | 3,713 | 2,111 | 5,988 | 69,111 |
| 1999 | 61,730 | 3,461 | 2,204 | 6,135 | 73,530 |
| 2000 | 67,714 | 4,563 | 2,427 | 6,302 | 81,006 |
| 2001 | 73,963 | 4,076 | 2,554 | 6,431 | 87,024 |
| 2002 | 82,918 | 5,012 | 2,753 | 6,681 | 97,363 |
| 2003 | 93,859 | 4,562 | 2,951 | 7,030 | 108,402 |
| 2004 | 101,284 | 5,076 | 3,128 | 7,187 | 116,675 |
| 2005 | 110,761 | 6,054 | 3,376 | 7,387 | 127,578 |

## Average Age and Pension at Retirement

as of December 31, 2005

| Status | Average <br> Age | Average <br> Pension | Average Age at <br> Retirement |
| :--- | :---: | :---: | :---: |
| Members Only | 67.5 | $\$ 2,282.22$ | 57.5 |
| Members and Survivors | 68.2 | $\$ 2,092.47$ | N/A |
| Survivors Only | 71.7 | $\$ 1,260.34$ | N/A |

## New Retirements - Average Benefit Payment

as of December 31, 2005

|  | Years of Credited Service |  |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\mathbf{0 - 5}$ | $\mathbf{5 - 1 0}$ | $\mathbf{1 0 - 1 5}$ | $\mathbf{1 5 - 2 0}$ | $\mathbf{2 0 - 2 5}$ | $\mathbf{2 5 - 3 0}$ | $\mathbf{3 0 +}$ |
| Average monthly <br> benefit | $\$ 315.77$ | $\$ 763.76$ | $\$ 1,454.99$ | $\$ 1,800.93$ | $\$ 2,765.44$ | $\$ 3,123.08$ | $\$ 4,215.25$ |
| Average final <br> average salary | $\$ 3,260.47$ | $\$ 3,652.23$ | $\$ 3,894.79$ | $\$ 3,710.63$ | $\$ 4,515.87$ | $\$ 4,399.20$ | $\$ 4,949.87$ |
| Number of retired <br> members | 8 | 31 | 24 | 28 | 84 | 74 | 41 |

## Retired Members By Type Of Benefit

as of December 31, 2005


## 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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Employees' Retirement Fund of the City of Dallas

600 North Pearl Street
Suite 2450
Dallas, TX 75201
Telephone: (214) 580-7700
Fax: (214) 580-3515
Email: retirement_fund@dallaserf.org
Web: http://www.dallaserf.org



[^0]:    *The Moody's ratings are used when available. The Standard \& Poor's rating is used when it is available and a Moody's rating is not available. Standard \& Poor's ratings are denoted by (S\&P).
    NR-Investments that are not rated.

[^1]:    ${ }^{1}$ Performance calculations are consistent with the computations and methodologies approved by the CFA Institute.
    WILSHIRE ASSOCIATES
    1299 Ocean Avenue, Suite 700 Santa Monica, CA 90401-1085
    tel 310.451.3051 fax 310.458.0520 www.wilshire.com

