# Montgomery County Employee Retirement Plans 

## Comprehensive Annual Financial Report



Employees' Retirement System
Retirement Savings Plan
Deferred Compensation Plan
(Trust Funds of Montgomery County, Maryland)
Fiscal Year 2006
July 1, 2005 - June 30, 2006
Prepared by the Board of Investment Trustees
101 Monroe Street, $15^{\text {th }}$ Floor
Rockville, Maryland 20850

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INTRODUCTION SECTION

Honorable County Executive and
Members of the Montgomery County Council

I am pleased to present to you the Comprehensive Annual Financial Report (CAFR) of the Montgomery County, Maryland (County) Employee Retirement Plans (Plans) for the fiscal year ended June 30, 2006. This annual report is designed to assist you in understanding the structure and current status of the Plans.

## FORMAL TRANSMITTAL OF THE CAFR

This report was prepared pursuant to the provisions of Section 33-51(b) of the Montgomery County Code, 2001, as amended (Code), and includes the independent auditors' report, issued by the County Council's appointed independent public accounting firm. Responsibility for the accuracy of the presented data and the completeness and fairness of the presentation including all disclosures rests with the County. We believe the data, as presented, is accurate in all material respects; that it is presented in a manner designed to fairly set forth the plan net assets and the changes in plan net assets and financial position of the Plans; and that all disclosures necessary to enable the reader to gain the maximum understanding of the financial affairs of the Plans have been included.

The accompanying report consists of five sections: an Introduction Section which contains the Certificate of Achievement, this transmittal letter, and the organization structure; a Financial Section which contains the report of the independent auditors, the management's discussion and analysis, the financial statements of the Plans and required supplementary information; an Investment Section which contains investment results for the Employees' Retirement System (System) defined benefit pension plan; an Actuarial Section which contains the independent actuary's certification letter, a summary of the results of the actuarial valuation, including actuarial procedures and assumptions for the System; and a Statistical Section which contains information on the System's membership.

## PROFILE OF THE RETIREMENT PLANS

## History

The System was established in 1965, as a cost-sharing multiple-employer defined benefit pension plan providing benefits to the employees of the County and other agencies or political subdivisions who elect to participate. Participating agencies and subdivisions include the: Montgomery County Revenue Authority, Housing Opportunities Commission of Montgomery County, independent fire/rescue corporations, Town of Chevy Chase, Strathmore Hall Foundation, Inc., Washington Suburban Transit Commission, and certain employees of the State Department of Assessments and Taxation and the District Court of Maryland. The System is closed to employees hired on or after October 1, 1994, except public safety bargaining unit employees. There were 5,362 active members and 4,848 retirees participating in the System as of June 30, 2006.

The Retirement Savings Plan (RSP) was established in 1994, as a cost-sharing multiple-employer defined contribution plan providing benefits to all non-public safety and certain public safety employees hired on or after October 1, 1994. Employees covered by the System may make an irrevocable decision to transfer to the RSP. At June 30, 2006, there were 3,791 active plan members.

The Deferred Compensation Plan (County Plan) was established pursuant to Section 457 of the Internal Revenue Code, as amended. During Fiscal Year (FY) 1999, in accordance with Federal legislation, the assets of the County Plan were placed in trust for the sole benefit of participants and their beneficiaries.

## Benefit Provisions

The benefit provisions of the System are established by the Code. The System provides for normal service retirement and early service retirement benefits for members who attain age and service requirements. The System also provides options for disability and death benefits to eligible participants. Members are vested after five years of service.

The RSP provides for immediate vesting of employee contributions and employer contributions are vested after three years of service or upon death, disability or reaching retirement age.

## Major Initiatives

During FY 2006, the Board of Investment Trustees (Board) expanded the investments within the alternatives asset class by hiring a private equity secondary fund-of-funds manager and hired two private real estate managers. The Board amended their strategic asset allocation to increase international equities to 20 percent and decrease domestic equities to 40 percent. Other initiatives during FY 2006 include: a search for a currency overlay manager and implementation of the risk management program to actively manage the inherent risks associated with the investment process to achieve the highest possible risk adjusted return.

In addition, the Board increased the investment offerings under the RSP to include two additional life cycle funds and a self directed brokerage account option.

## INFORMATION USEFUL IN ASSESSING THE RETIREMENT PLANS' ECONOMIC CONDITION

## Financial Information

## Accounting System and Reports

The Plans' financial statements have been prepared under the accrual basis of accounting. Contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due in accordance with the terms of the Plans.

## Management's Discussion and Analysis

The Management's Discussion and Analysis (MD\&A), which can be found on pages 15 to 19 of this report, provides a brief analysis of the financial performance of the Plans and an introduction to the financial statements of the Plans for the year ended June 30, 2006.

## Investments

Montgomery County has established a Board to be responsible for the investment management of the Plans' assets for the exclusive benefit of the members and participants. The Board consists of thirteen members appointed by the County Council.

In overseeing the management of the assets of the Plans, the Board has developed sound and prudent investment policies. The Board believes an appropriate balance must be struck between risks taken and returns sought to ensure the long term health of the defined benefit plan. The Board has adopted an investment policy that works to control the extent of downside risk to which the System is exposed while maximizing the potential for long term increases in the value of assets. To achieve this objective, System assets are allocated to a broad array of investment sectors as follows: domestic equities 40 percent, alternative investments 5 percent, international equities 20 percent, domestic fixed income 20 percent, and inflation index bonds 10 percent, and real estate 5 percent. For the twelve months ended June 30, 2006, the total return achieved by the System's investments was 9.18 percent, compared to the System's benchmark index return of 8.96 percent and the actuarial assumed rate of return of 8.0 percent.

Section 33-125 of the Montgomery County Code authorizes the Board to establish, for members of the RSP, a diversified slate of mutual and commingled investment funds from which participants may select options. The Board has developed an investment policy outlining its oversight of the investment products offered.

The Board has also established a diversified slate of mutual and commingled funds for the County Plan which offers a range of options from which participants may select. The Board has constructed an investment policy stipulating investment objectives and oversight by the Board.

## Funding

The System's actuary uses a five-year smoothed market-related value to determine the actuarial value of assets. The smoothing prevents extreme volatility in employer contribution rates due to short-term fluctuations in the investment markets. For the June 30, 2006 valuation, the actuarial value of assets was $\$ 2.2$ billion. The aggregate actuarial liability was $\$ 2.9$ billion. The Schedule of Funding Progress included as Required Supplementary Information in the Financial Section, expresses the System's actuarial value of assets as a percentage of the actuarial accrued liability, providing one indication of the System's funding status on a going-concern basis. The actuary has determined that the present net asset base, expected future contributions and investment earnings thereon, are sufficient to provide for full payment of future benefits under the projected unit credit actuarial cost method.

## Internal Control Structure and Budgetary Controls

The Plans' management is responsible for maintaining internal accounting controls to provide reasonable assurance that transactions are properly authorized and recorded as necessary to permit preparation of financial statements in conformity with U.S. generally accepted accounting principles. We believe the internal controls in effect during the fiscal year ended June 30, 2006 adequately safeguard the Plans' assets and provide reasonable assurance regarding the proper recording of financial transactions. In addition, the Board, in conjunction with the Chief Administrative Officer, approves and actively monitors the annual budgets for each plan.

## Independent Audit and Actuarial Certification

An independent auditors' report and actuarial certification are included in this report.

## AWARDS AND ACKNOWLEDGEMENTS

## Certificate of Achievement for Excellence in Financial Reporting

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Montgomery County Employee

Retirement Plans for its comprehensive annual financial report for the fiscal year ended June 30, 2005. The Certificate of Achievement is a prestigious national award, recognizing conformance with the highest standards for preparation of state and local government financial reports. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report, whose contents conform to program standards. Such a report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. The Montgomery County Employee Retirement Plans have received the Certificate of Achievement for the last six consecutive years. We believe our current comprehensive annual financial report continues to meet the Certificate of Achievement program requirements and we are submitting it to the GFOA.

## Acknowledgements

The Plans' CAFR was prepared by the Board of Investment Trustees staff in conjunction with staff support from the County's Department of Finance and Office of Human Resources. I would like to express my appreciation to the employees who have worked hard throughout the year to ensure the successful operation of the Plans.

Respectfully submitted,


# BOARD OF INVESTMENT TRUSTEES 

Timothy L. Firestine<br>Chair<br>Montgomery County Director of Finance<br>Ex-Officio Member

## Sharon M. Cayelli

Vice Chair
Citizen Representative
Term Expires March 2008

## J. Lodge Gillespie, Jr.

Montgomery County Council Representative
Term Expires March 2009
Stephen B. Farber
Montgomery County Council Staff Director Ex-Officio Member

Cora M. Ingrim
Montgomery County Council Representative
Term Expires March 2008

Sandra P. Kaiser
Montgomery County
Department of Permitting Services
Non-Bargaining Unit Representative
Term Expires March 2008

Joseph Adler
Montgomery County Director
Of Human Resources
Ex-Officio Member

Gino Renne
Secretary
Employee Organization Representative Term Expires March 2007

Jeffrey D. Buddle
Employee Organization Representative Term Expires March 2008

Beverley Swaim-Staley
Montgomery County Director of
Management and Budget
Ex-Officio Member

Walter E. Bader
Employee Organization Representative Term Expires March 2008

Kelda J.C. Simpson
Citizen Representative
Term Expires March 2008

Mary E. Menke
Retired Employees Representative
Term Expires March 2009

## ADMINISTRATIVE ORGANIZATION

## Administrative Staff

Joseph Adler
Director - Office of Human Resources

Timothy L. Firestine Director of Finance

Linda A. Herman
Executive Director

## Professional Services

Actuary
Mercer Human Resource Consulting
Washington, DC

Investment Consultant
Wilshire Associates
Pittsburgh, PA

## Auditor

KPMG LLP
Certified Public Accountants
Washington, DC

## Investment Managers-Employees' Retirement System

| Gryphon International Investment | Numeric Investors <br> Toronto, Canada | Adams Street Partners <br> Chicago, IL |
| :---: | :---: | :---: |
| Marathon London | Wellington Management | RhumbLine Advisors |
| United Kingdom | Boston, MA | Boston, MA |

Custodial Bank-Employees' Retirement System
The Northern Trust Company
Chicago, IL

## Administrative Organization Chart




## FINANCIAL SECTION

KPMG LLP
2001 M Street, NW
Washington, DC 20036

## Independent Auditors' Report

The County Council of Montgomery County, Maryland

The Board of Trustees
Montgomery County Employees' Retirement Plans:

We have audited the accompanying statements of plan net assets of the Montgomery County Employees’ Retirement Plans (the Plans) as of June 30, 2006 and the related statements of changes in plan net assets for the year then ended. These financial statements are the responsibility of the Plans' management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in Government Auditing Standards, issued by the Comptroller General of the United States. 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 Plans' internal control over financial reporting. Accordingly, we express no such opinion. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides 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 Plans as of June 30, 2006 and the changes in the plan net assets for the year then ended in conformity with U.S. generally accepted accounting principles.

In accordance with Government Auditing Standards, we have also issued our report dated December 8, 2006 on our consideration of the Plans’ internal control over financial reporting and our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with Government Auditing Standards and should be considered in assessing the results of our audit.

The Management’s Discussion and Analysis on pages 15 through 19 and the schedule of funding progress and notes thereto, on pages 32 and 33 , are not a required part of the basic financial statements but are supplementary information required by 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 required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming an opinion on the 2006 basic financial statements. The 2006 supplementary information on pages 34 through 41 is presented for purposes of additional analysis and is not a required part of the 2006 basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the 2006 basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the 2006 basic financial statements taken as whole. The information included in the introduction, investment, actuarial, and statistical sections has not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we express no opinion on such information.

We have also previously audited, in accordance with auditing standards generally accepted in the United States of America, the statements of plan net assets of the Plans as of June 30, 2005, and the related statements of changes in plan net assets for the year then ended (none of which is presented herein), and we expressed an unqualified opinion on those financial statements. The supplementary information included on pages 36 through 41 related to the Plans’ 2005 financial statements was subjected to auditing procedures applied in the audit of those basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements from which it has been derived.
KPMG LLP

December 8, 2006


## MANAGEMENT'S DISCUSSION AND ANALYSIS

## Introduction

The following Management's Discussion and Analysis (MD\&A) of the Montgomery County Employee Retirement Plans (Plans) financial performance provides an introduction to the financial statements of the Plans as of and for the year ended June 30, 2006. Since the MD\&A is designed to focus on current activities, resulting changes and current known facts, it should be read in conjunction with the transmittal letter in the Introduction Section on page 4, the financial statements, required supplementary information, and other supplementary information which follow this discussion.

## Required Financial Statements

The financial statements for the Plans have been prepared under the accrual basis of accounting in conformity with U.S. generally accepted accounting principles, promulgated by the Governmental Accounting Standards Board. The Statements of Plan Net Assets comprise the Plans' assets and liabilities and provide information about the nature and amount of investments, as well as the liabilities distinguished as long-term and other liabilities. The Statements of Changes in Plan Net Assets report the changes of the Plans' net assets, measured by the additions by major sources and deductions by type. Comparative financial statements of the three plans are presented in the latter part of the financial section.

## Financial Analysis of the Montgomery County Employee Retirement Plans

Shown below is a condensed presentation of the Net Assets of the Employees' Retirement System (ERS), Retirement Savings Plan (RSP), and Deferred Compensation Plan (DCP) at June 30:

| Net Assets (Millions) |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ERS |  | RSP |  |  |  | DCP |  |  |  |
|  | 2006 | 2005 |  | 06 |  | 05 |  | 006 |  | 005 |
| Assets: |  |  |  |  |  |  |  |  |  |  |
| Cash and investments | \$ 2,633.0 | \$ 2,406.4 | \$ | 89.2 | \$ | 70.4 | \$ | 212.4 | \$ | 186.7 |
| Receivables | 14.4 | 11.9 |  | 1.0 |  | 0.8 |  | 0.9 |  | 0.8 |
| Total assets | 2,647.4 | 2,418.3 |  | 90.2 |  | 71.2 |  | 213.3 |  | 187.5 |
| Liabilities | 339.7 | 273.5 |  | - |  | - |  | - |  | - |
| Total net assets | \$ 2,307.7 | \$ 2,144.8 | \$ | 90.2 |  | 71.2 |  | 213.3 |  | 187.5 |

Shown below is a condensed summary of the Change in Net Assets of the ERS, RSP, and DCP for the years ended June 30:

| Change in Net Assets (Millions) |  |  |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | ERS |  |  |  | RSP |  |  |  | DCP |  |  |  |
|  | 2006 |  | 2005 |  | 2006 |  | 2005 |  | 2006 |  | 2005 |  |
| Additions: |  |  |  |  |  |  |  |  |  |  |  |  |
| Employer contributions | \$ | 88.2 | \$ | 74.7 | \$ |  | \$ | 8.7 | \$ | - | \$ | - |
| Member contributions |  | 16.1 |  | 15.3 |  | 5.9 |  | 4.8 |  | 16.5 |  | 19.9 |
| Net investment income |  | 187.0 |  | 197.4 |  | 8.2 |  | 4.7 |  | 20.5 |  | 14.6 |
| Total additions |  | 291.3 |  | 287.4 |  | 23.5 |  | 18.2 |  | 37.0 |  | 34.5 |
| Deductions: |  |  |  |  |  |  |  |  |  |  |  |  |
| Benefits |  | 125.9 |  | 115.6 |  | - |  | - |  | - |  | - |
| Refunds |  | 0.6 |  | 0.8 |  | 4.3 |  | 2.4 |  | 11.2 |  | 10.2 |
| Administrative expenses |  | 1.9 |  | 1.8 |  | 0.2 |  | 0.2 |  | - |  | - |
| Movement of member account asset |  | - |  | - |  | - |  | - |  | - |  | 77.8 |
| Total deductions |  | 128.4 |  | 118.2 |  | 4.5 |  | 2.6 |  | 11.2 |  | 88.0 |
| Total change in net assets | \$ | 162.9 | \$ | 169.2 | \$ | 19.0 |  | 15.6 | \$ | 25.8 |  | (53.5) |

The following schedules provide a comparative summary and an analysis of each Plans' assets, liabilities and net assets, at June 30:

| Employees' Retirement System Net Assets (Millions) |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 2006 | 2005 | Percentage Change |
| Assets: $\quad \square$ |  |  |  |
| Cash and investments | \$ 2,633.0 | \$ 2,406.4 | 9.4 \% |
| Receivables | 14.4 | 11.9 | 21.0 |
| Total assets | 2,647.4 | 2,418.3 | 9.5 |
| Liabilities: |  |  |  |
| Benefits payable and other liabilities | 3.1 | 2.7 | 14.8 |
| Obligations under securities lending agreements | 336.6 | 270.8 | 24.3 |
| Total liabilities | 339.7 | 273.5 | 24.2 |
| Total plan net assets | \$ 2,307.7 | \$ 2,144.8 | 7.6 \% |

The table shown above reflects an increase in the Employees' Retirement System's net assets of $\$ 162.9$ million or 7.6 percent during fiscal year (FY) 2006. The increase reflects improved market conditions over the last twelve months resulting in increased investment earnings. During the previous year net assets increased by $\$ 169.2$ million.


During FY 2006, net assets increased 26.7 percent to $\$ 90.2$ million. The increase is attributable to increased investment earnings and an increase in contributions. Membership in the Retirement Savings Plan rose from 3,941 at June 30, 2005, to 4,371 at June 30, 2006.

| Deferred Compensation Plan Net Assets (Millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | 2006 |  | 2005 | Percentage Change |  |
| Assets: |  |  |  |  |  |  |
| Investments | \$ | 212.4 | \$ | 186.7 | 13.8 | \% |
| Receivables |  | 0.9 |  | 0.8 | 12.5 |  |
| Total assets and plan net assets | \$ | 213.3 | \$ | 187.5 | 13.8 | \% |

Net assets of the Deferred Compensation Plan increased 13.8 percent to $\$ 213.3$ million during FY 2006. The increase is attributable to increased investment earnings and an increase in contributions.

## Additions

The primary sources of additions for the Plans include member and employer (where applicable) contributions and investment income. The following tables compare the source and amount of additions for each Plan during FY 2006 and FY 2005.

| Employees' Retirement System Contributions and Investment Income (Millions) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Employer contributions Member contributions Net investment income | 2006 |  | 2005 |  | Percentage Change |
|  | \$ | 88.2 | \$ |  | 18.1 \% |
|  |  | 16.1 |  | 15.3 | 5.2 |
|  |  | 187.0 |  | 197.4 | (5.3) |
|  |  | 291.3 |  | 287.4 | 1.4 \% |

During FY 2006, employer contributions to the Employees' Retirement System increased by 18.1 percent due to an increase in the actuarial required contribution based on covered payroll. Member contributions increased by 5.2 percent due to higher pay levels.

The net investment income for the Employees' Retirement System totaled $\$ 187.0$ million for FY 2006, comprised of $\$ 139.1$ million in net appreciation in fair value of investments, $\$ 55.2$ million in dividends and interest, $\$ 12.7$ million from securities lending activities, and $\$ 20.0$ million related to investment expenses. This is compared to net investment income of $\$ 197.4$ million in FY 2005. The decrease in earnings compared to the previous fiscal year is due to market conditions.

| Retirement Savings Plan Contributions and Investment Income (Millions) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2006 |  | 2005 |  | Percentage Change |
| Employer contributions | \$ | 9.4 | \$ | 8.7 | 8.0 |
| Member contributions |  | 5.9 |  | 4.8 | 22.9 |
| Net investment income |  | 8.2 |  | 4.7 | 74.5 |
|  |  | 23.5 |  | 18.2 | 29.1 |

Employer contributions to the Retirement Savings Plan were $\$ 9.4$ million in FY 2006, an increase of 8.0 percent from FY 2005. Member contributions were $\$ 5.9$ million in FY 2006, an increase of 22.9 percent from FY 2005. The increase in contributions reflects the increase in the number of participants during FY 2006.

Appreciation in investments reflects the current market conditions.

| Deferred Compensation Plan Contributions and Investment Income (Millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Member contributions Net investment income | 2006 |  | 2005 |  | Percentage <br> Change |  |
|  | \$ | 16.5 | \$ | 19.9 | (17.1) | \% |
|  |  | 20.5 |  | 14.6 | 40.4 |  |
|  | \$ | 37.0 |  | 34.5 | 7.2 | \% |

Member contributions to the Deferred Compensation Plan were $\$ 16.5$ million for FY 2006, compared to $\$ 19.9$ million for FY 2005.

Net investment income for the Deferred Compensation Plan was $\$ 20.5$ million, compared to the investment income of $\$ 14.6$ million in the previous fiscal year, which was primarily due to market conditions.

## Deductions

The primary sources of deductions from the Plans include the payment of retiree and survivor benefits, participant refunds, and administrative expenses. The following tables show the use and amount of deductions for each plan during FY 2006 and 2005.

| Employees' Retirement System Deductions by Type (Millions) |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Benefits <br> Refunds <br> Administrative expenses | 2006 |  | 2005 |  | Percentage Change |  |
|  | \$ | 125.9 | \$ | 115.6 | 8.9 | \% |
|  |  | 0.6 |  | 0.8 | (25.0) |  |
|  |  | 1.9 |  | 1.8 | 5.6 |  |
|  |  | 128.4 |  | 118.2 | 8.6 | \% |

During FY 2006, benefit payments increased by 8.9 percent over FY 2005 due primarily to an increase in the number of retirees and the annual cost-of-living increase. Refunds decreased 25 percent in 2006 from $\$ 0.8$ million in FY 2005. Administrative expenses increased slightly in 2006 from $\$ 1.8$ million in FY 2005 to $\$ 1.9$ million in FY 2006.

| Retirement Savings Plan <br> Deductions by Type <br> (Millions) |  |  |  |
| :--- | :--- | :--- | :--- |
|  |  |  |  |
| Refunds and administrative expenses | $\$ 1006$ | Percentage <br> Change |  |

The expenses related to the Retirement Savings Plan are comprised of refunds and administrative costs. Expenses for FY 2006 totaled $\$ 4.5$ million, an increase of 73.1 percent over FY 2005 levels due primarily to an increase in refunds.

| Deferred Compensation Plan Deductions by Type (Millions) |  |  |  |
| :---: | :---: | :---: | :---: |
|  | 2006 | 2005 | Percentage Change |
| Refunds and administrative expenses | \$11.2 | \$10.2 | 9.8 \% |
| Movement of member account asset balances | - | 77.8 | (100.0) |
|  | \$11.2 | \$88.0 | (87.3) \% |

During FY 2006, refunds distributed from the Deferred Compensation Plan increased by 9.8 percent over the FY 2005 level.

|  |  | Employees' Retirement System | Retirement Savings Plan |  | Deferred Compensation Plan |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ASSETS |  |  |  |  |  |  |
| Equity in County's pooled cash and investments | \$ | 254,623 | \$ | 611,204 | \$ | - |
| Investments: |  |  |  |  |  |  |
| U.S. Government and agency obligations |  | 232,995,778 |  | - |  | - |
| Asset-backed securities |  | 64,293,203 |  | - |  | - |
| Municipal/Provincial bonds |  | 1,254,177 |  | - |  | - |
| Corporate bonds |  | 290,400,350 |  | - |  | - |
| Collateralized mortgage obligations |  | 14,495,328 |  | - |  | - |
| Commerical mortgage-backed securities |  | 17,596,302 |  | - |  | - |
| Common and preferred stock |  | 1,476,304,775 |  | - |  | - |
| Mutual and commingled funds |  | 850,557 |  | 88,570,836 |  | 212,366,121 |
| Short-term investments |  | 147,756,147 |  | - |  | - |
| Cash collateral received under securities lending agreements |  | 336,590,875 |  | - |  | - |
| Real estate holdings |  | 5,600,193 |  | - |  |  |
| Alternative investments |  | 44,610,809 |  | - |  | - |
| Total investments |  | 2,632,748,494 |  | 88,570,836 |  | 212,366,121 |
| Dividends receivable and accrued interest |  | 8,361,260 |  | - |  | - |
| Contributions receivable |  | 6,032,613 |  | 1,019,942 |  | 918,588 |
| Total assets |  | 2,647,396,990 |  | 90,201,982 |  | 213,284,709 |
| LIABILITIES |  |  |  |  |  |  |
| Payable for collateral received under securities lending agreements |  | 336,590,875 |  | - |  | - |
| Benefits payable and other liabilities |  | 3,126,553 |  | 26,828 |  | - |
| Total liabilities |  | 339,717,428 |  | 26,828 |  | - |
| Net assets held in trust for pension benefits | \$ | 2,307,679,562 | \$ | 90,175,154 |  | 213,284,709 |

(A schedule of funding progress for the Employees' Retirement System is presented on page 32.)

See accompanying notes to financial statements.

MONTGOMERY COUNTY, MARYLAND
STATEMENTS OF CHANGES IN PLAN NET ASSETS
FOR THE YEAR ENDED JUNE 30, 2006

|  | Employees, | Retirement | Deferred |
| :---: | :---: | :---: | :---: |
| Retirement | Savings | Compensation |  |
| Plan |  |  |  |

## ADDITIONS

Contributions:
Employer
Members

> Total contributions

Investment income
Less investment expenses
Net income from investment activities

Income from securities lending
Less securities lending expenses
Net income from securities lending

> Total additions

## DEDUCTIONS

Retiree benefits
Disability benefits
Survivor benefits
Refunds
Administrative expenses
Total deductions
Net increase

## Net assets held in trust for pension benefits:

Beginning of year
End of year

| $2,144,779,203$ | $71,189,709$ |  | $187,462,496$ |
| :--- | :--- | :--- | :--- |
|  |  |  |  |

See accompanying notes to financial statements.

# MONTGOMERY COUNTY EMPLOYEE RETIREMENT PLANS NOTES TO FINANCIAL STATEMENTS 

YEAR ENDED JUNE 30, 2006

## INTRODUCTION

The Montgomery County Employee Retirement Plans (Plans) are offered to Montgomery County (County) employees whose eligibility to participate is based on employment status and other factors. Each of the Plans described below was established under a separate section of the Montgomery County Code (Code). The accompanying notes summarize the significant accounting policies and plan provisions for each of the Plans, including the Employees' Retirement System, a defined benefit pension plan; the Retirement Savings Plan, a defined contribution plan; and the Deferred Compensation Plan, a plan established pursuant to Section 457 of the Internal Revenue Code.

## EMPLOYEES' RETIREMENT SYSTEM - Defined Benefit Pension Plan

The Montgomery County Employees' Retirement System (System or Plan) is considered part of the County's financial reporting entity and is included in the County's basic financial statements as a pension and other employee benefit trust fund. The accompanying financial statements present only the operations of the System in conformity with accounting principles generally accepted in the United States of America (GAAP) applicable to public employee retirement systems. They are not intended to present fairly the financial position and results of operations of the entire County.

## A. Plan Description and Contribution Information

Membership. At June 30, 2006, the date of the latest actuarial valuation, membership in the System consisted of:

$$
\begin{array}{lr}
\text { Retirees and beneficiaries receiving benefits } & 4,848 \\
\text { Terminated plan members entitled to but not yet receiving benefits } & 485 \\
\text { Active plan members } & 5,362
\end{array}
$$

Plan Description. The System, a cost-sharing multiple-employer defined benefit pension plan, was established in 1965 and is sponsored by the County. Eight other agencies and political subdivisions have elected to participate. The System is closed to employees hired on or after October 1, 1994, except public safety bargaining unit employees. All covered full-time employees of the County and participating agencies must become members of the System as a condition of employment. All covered career part-time employees of the County and participating agencies may become members on an individual basis.

Funding Policy and Contributions. The System is a contributory plan with employees contributing a percentage of their base annual salary. Contribution rates range from 4 percent to 8.5 percent of regular earnings annually based on group classification and contributions earn interest at the rate of 4 percent per annum as specified under Section 33-39(b) of the Code. The County and each participating agency are required to contribute the remaining amounts necessary to fund the System using the actuarial basis as specified in Section 33-40 of the Code.

Benefit Provisions. Benefit provisions are established under the Code beginning with Section 33-35. All benefits vest at five years of service. There are different retirement groups within the System. Members enrolled before July 1, 1978, belong to either the optional non-integrated group or the optional integrated group. Members enrolled on or after July 1, 1978, belong to the mandatory integrated group. Within the groups are different retirement membership classes. The retirement group assigned depends upon the job classification of the member (i.e., non public safety, police, fire, sheriffs and correctional staff). Normal and early retirement eligibility, the formula for determining the amount of benefit, and the cost of living adjustment varies depending upon the retirement group and retirement membership class. Normal retirement is a percentage of earnings multiplied by years of credited service. Earnings for optional non-
integrated group members and optional integrated group members is defined as the high 12 months and for mandatory integrated plan members, the high 36 months. The percentage of earnings, the maximum years of credited service and the cost of living adjustment varies depending upon the retirement membership class and group. Members who retire early receive normal retirement benefits reduced by a minimum of 2 percent to a maximum of 60 percent depending on the number of years early retirement precedes normal retirement. The System provides options for disability and death benefits to eligible participants. Annual cost-of-living adjustments are provided to retirees and beneficiaries based on the percentage increase in the Consumer Price Index.

Legislation enacted by the Montgomery County Council in November 1999 required the Chief Administrative Officer of the County to establish Deferred Retirement Option Plans, or DROP Plans, allowing any employee who is a member of a specified membership group or bargaining unit, and who meets certain eligibility requirements, to elect to "retire" but continue to work for a specified time period, during which pension payments are deferred. When the member's participation in the DROP Plan ends, the member must stop working for the County, draw a pension benefit based on the member's credited service and earnings as of the date that the member began to participate in the DROP Plan, and receive the value of the DROP Plan payoff.

## B. Summary of Significant Accounting Policies

Basis of Accounting. The System's financial statements have been prepared under the accrual basis of accounting. Member and employer contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due in accordance with the terms of the Plan. The cost of administering the Plan is paid by the System.

Method Used to Value Investments. Investments are stated at fair value. The fair value is generally based on quoted market prices at June 30, 2006. Fair value for real estate investments is determined using unit values supplied by the issuers, which are based upon the issuers' appraisals of underlying real estate values. Such values involve subjective judgment and may differ from amounts which would be realized if such real estate was actually sold. The fair value for alternative investments is based on information provided by the fund managers. Cash received as collateral on securities lending transactions and investments made with such cash are reported as assets along with a related liability for collateral received.

Equity in County's Pooled Cash and Investments. The System maintains its cash with the County, which invests cash and allocates interest earned, on a quarterly basis to the System based on the System's average daily balance of its equity in pooled cash. The County's policy is to fully collateralize the cash maintained in the pool.

## C. Trustees of the Plan

The County established a Board of Investment Trustees (Board) for the System to be responsible for the investment management of the System's assets for the exclusive benefit of the members. The Board consists of thirteen members appointed by the County Executive and confirmed by the County Council.

## D. Investments

Section 33-61 of the Code, authorizes the Board to purchase investments with the care, skill, prudence and diligence under the circumstances that a prudent person acting in a similar capacity and familiar with the same matters would use to conduct a similar enterprise with similar purposes. The Code also requires that such investments be diversified so as to minimize the risk of large losses unless it is clearly not prudent to diversify under the circumstances. The Board has adopted an investment policy that works to control the extent of downside risk to which the System is exposed while maximizing the potential for long term increases in the value of assets. The overall investment policies do not address specific levels of credit risk, interest rate risk or foreign currency risk. The Board believes that risks can be managed, but not eliminated, by establishing constraints on the investment portfolios and by monitoring the financial markets, the System's asset allocation and the investment managers hired by the System. Each investment manager has a specific benchmark and investment guidelines appropriate for the type of investments they are managing. Section 33-60 of the Code prohibits the Board from investing in any bonds, notes, or debt instruments issued by Montgomery County, any political subdivision within Montgomery County, any agency
supported or financed wholly or partly by taxes levied by the Montgomery County Council, or any agency supported by bond issues underwritten by Montgomery County. Investments in real property are limited to a pooled investment arrangement in which the Board has no power or right to manage the real estate property, provided that the pooled arrangement does not invest more than 10 percent of its assets in real property located in Montgomery County.

Credit Risk/Concentration of Credit Risk. Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations. The Board's investment policies and guidelines limit the percentage of the total fund and individual manager's account which can be invested in fixed income securities rated below investment grade. In addition, the Board's investment policies and guidelines limit the percentage of each investment manager's account that may be allocated to any one security, position, issuer or affiliated issuer, to less than 5 percent of the fair value of the investment manager's account. The System does not have investments (other than those issued or explicitly guaranteed by the U.S. Government or pooled investments) in any one organization that represent 5 percent or more of net assets held in trust for pension benefits.

The quality ratings of investments in fixed income securities as described by nationally recognized rating organizations as of June 30, 2006 are as follows:

|  |  |  | Percentage of <br> Type of Investment |
| :--- | :--- | ---: | ---: |
| U.S. Government Obligations* | Puality Rating |  | Falue |

[^0]Interest Rate Risk. Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of the investment. The Board's investment policies and guidelines manage interest rate risk by establishing duration constraints on each fixed income manager's portfolio based on the duration of each manager's respective benchmark. Duration is a measure of interest rate risk based on a bond price's sensitivity to a 100 -basis point change in interest rates. The greater the duration of a bond, or a portfolio of bonds, the greater its price volatility will be in response to a change in interest rates and vice-versa. Duration of eight would mean that, given a 100-basis point change up/down in rates, a bond's price would move up/down by 8 percent. As of June 30, 2006, the System's fixed income portfolio had the following sensitivity to changes in interest rates:

| Type of Investment | Effective <br> Duration in years | Fair Value |  | Percentage of Portfolio |
| :---: | :---: | :---: | :---: | :---: |
| U.S. Government Obligations | 7.30 | \$ | 116,952,530 | 15.21\% |
| Foreign Government Obligations | 11.06 |  | 116,043,248 | 15.09\% |
| Asset-Backed Securities | 9.54 |  | 63,626,928 | 8.27\% |
| Commercial Mortgage-Backed Securities | 13.91 |  | 17,596,302 | 2.29\% |
| Collateralized Mortgage Obligations | 16.04 |  | 14,495,328 | 1.88\% |
| Municipal /Provincial Bonds | 9.88 |  | 1,254,177 | 0.16\% |
| Corporate Bonds | 5.85 |  | 201,328,494 | 26.18\% |
| Fixed Income Pooled Funds | 0.03 |  | 89,738,131 | 11.67\% |
| Short-term Investments and other | N/A |  | 148,010,770 | 19.25\% |
| Total Debt Securities |  | \$ | 769,045,908 | 100.00\% |

Foreign Currency Risk. Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment. The Board's International Investing Policy's objective is to achieve long-term capital appreciation and current income by investing in diversified portfolios of non-U.S. equities and bonds. The System has indirect exposure to foreign currency risk as follows:

| International Securities |  | Equity | Fixed Income |  | Short-term and other |  | Total Non-U.S. Dollar |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Japanese Yen | \$ | 83,136,499 | \$ | 26,487,775 | \$ | 3,497,985 | \$ | 113,122,259 |
| British Pound Sterling |  | 52,418,559 |  | 13,289,160 |  | 10,919,405 |  | 76,627,124 |
| European Currency Unit |  | 101,060,891 |  | 36,242,935 |  | $(92,156,543)$ |  | 45,147,283 |
| Swiss Franc |  | 20,121,433 |  | - |  | 9,114,517 |  | 29,235,950 |
| Hong Kong Dollar |  | 21,862,860 |  | - |  | - |  | 21,862,860 |
| Chinese Yuan Renminbi |  | - |  | - |  | 13,104,458 |  | 13,104,458 |
| Canadian Dollar |  | 2,653,337 |  | 19,392,650 |  | $(10,350,599)$ |  | 11,695,388 |
| Swedish Krona |  | 5,080,777 |  | 21,765,318 |  | $(18,984,138)$ |  | 7,861,957 |
| Australian Dollar |  | 3,496,303 |  | - |  | 3,977,009 |  | 7,473,312 |
| Thai Baht |  | 4,172,714 |  | - |  | - |  | 4,172,714 |
| Other Currencies |  | 19,096,123 |  | 5,115,268 |  | 586,458 |  | 24,797,849 |
| Total International Securities |  | 313,099,496 | \$ | 122,293,106 | \$ | (80,291,448) | \$ | 355,101,154 |

Derivatives. The System invests in derivative instruments on a limited basis in accordance with the Board's Derivatives Policy. During FY 2006, the System invested directly in various derivatives including asset-backed securities, collateralized mortgage obligations, exchanged-traded future contracts, forward currency contracts, swaps, and floating rate securities. Investment managers are specifically prohibited from purchasing securities on margin or leverage. The System entered into these investments either to increase earnings or to hedge against potential losses. These investments generally contain market risk resulting from fluctuations in interest and currency rates. The credit risk of these investments is associated with the creditworthiness of the related parties to the contracts. The System could be exposed to risk if the counterparties to the contracts are unable to meet the terms of the contracts. The Board's Derivatives Policy seeks to control this risk through counterparty credit evaluations and approvals, counterparty credit limits,
and exposure monitoring procedures. In addition, the System has indirect exposure to market and credit risk through its ownership interests in certain mutual and commingled funds which may hold derivative financial instruments.

As permitted by the Board's policies, the System holds off-financial statement derivatives in the form of exchange-traded financial futures and options. The futures and options with fair values of approximately $\$ 354,579,000$ are held for investment purposes and included within the financial statements at June 30, 2006. Gains and losses on futures and options are determined based upon fair market values and recorded in the Statements of Changes in Plan Net Assets.

Interest rate swaps and forward foreign currency exchange contracts are held for investment purposes. At June 30, 2006, the System had approximately $\$ 11,165,000$ negative net exposure in interest rate swaps and $\$ 61,876,000$ negative net exposure in forward foreign currency exchange contracts.

Securities Lending. Board policy permits the System to lend its securities to broker-dealers and other entities (borrowers) for collateral that will be returned for the same securities in the future. The System's custodian is the agent in lending the System's securities for collateral of 102 percent for domestic and 105 percent for international securities. The custodian receives cash, securities or irrevocable bank letters of credit as collateral. All securities loans can be terminated on demand by either the System or the borrower. Cash collateral received from the borrower is invested by the lending agent, as an agent for the System, in a short-term investment pool in the name of the System, with guidelines approved by the Board. Such investments are considered a collateralized investment pool. The relationship between the maturities of the investment pool and the System's loans is affected by the maturities of securities loans made by other plan entities that invest cash collateral in the investment pool, which the System cannot determine. The System records a liability for the return of the cash collateral shown as collateral held for securities lending in the statement of net assets. The Board does not restrict the amount of loans the lending agent may make on its behalf. The agent indemnifies the System by agreeing to purchase replacement securities, or return the cash collateral thereof, in the event a borrower fails to return loaned securities or pay distributions thereon. There were no such failures by any borrower during the fiscal year, nor were there any losses during the period resulting from a default of the borrower or lending agent.

As of June 30, 2006, the fair value of securities on loan was $\$ 348,649,181$. Cash received as collateral and the related liability of $\$ 336,590,875$ as of June 30, 2006, is shown on the Statement of Plan Net Assets. Securities received as collateral are not reported as assets since the System does not have the ability to pledge or sell the collateral securities absent borrower default. Securities lending revenues and expenses amounting to $\$ 12,706,126$ and $\$ 12,089,748$, respectively, have been classified with investment income and investment expenses, respectively, in the accompanying financial statements.

The following represents the balances relating to the securities lending transactions at June 30, 2006:

| Securities Lent | Underlying Securities |  | Non-Cash <br> Collateral Value |  | Cash Collateral Investment Value |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Lent for Cash Collateral: |  |  |  |  |  |  |
| U.S. Government Obligations | \$ | 85,095,468 | \$ | - | \$ | 86,540,889 |
| Foreign Government Obligations |  | 15,508,692 |  | - |  | 15,987,460 |
| Corporate Bonds |  | 49,566,798 |  | - |  | 50,368,911 |
| Equities |  | 179,902,319 |  | - |  | 183,693,615 |
| Lent for Non-Cash Collateral: |  |  |  |  |  |  |
| U.S. Government Obligations |  | 4,989,819 |  | 5,073,665 |  | - |
| Corporate Bonds |  | 5,590,013 |  | 5,681,162 |  | - |
| Equities |  | 7,996,072 |  | 8,180,718 |  | - |
| Total | \$ | 348,649,181 | \$ | 18,935,545 | \$ | 336,590,875 |

At year-end, the System has no credit risk exposure to borrowers because the amounts the System owes the borrowers exceeded the amounts the borrowers owe the System. The System is fully indemnified by its custodial bank against any losses incurred as a result of borrower default.

Custodial Credit Risk. Custodial credit risk is the risk that, in the event of the failure of the counterparty, the System will not be able to recover the value of its investments or collateral securities that are in the possession of an outside party. At June 30, 2006, there were no funds held by a counterparty that was acting as the System's agent in securities lending transactions.

## E. Allocated Insurance Contract

On August 1, 1986, the County entered into an agreement with Aetna Life Insurance Company (Aetna) wherein Aetna accepted future responsibility for monthly payments to all members retired prior to January 1,1986 , in exchange for a lump sum payment. The County is liable for cost of living increases effective January 1, 1986, and later. Monthly payments made under this agreement have not been recognized in the System's financial statements.

## F. Income Taxes

The Internal Revenue Service issued a determination letter in January 2003, which stated that the System and its underlying trust qualify under the applicable provisions of the Internal Revenue Code and therefore are exempt from federal income taxes. In the opinion of the plan administrator, the System and its underlying trust have operated within the terms of the System and are qualified under the applicable provisions of the Internal Revenue Code.

## RETIREMENT SAVINGS PLAN - Defined Contribution Pension Plan

The Montgomery County Retirement Savings Plan (Plan) is considered part of the County's financial reporting entity and is included in the County's basic financial statements as a pension and other employee benefit trust fund. The accompanying financial statements present only the operations of the Plan in conformity with GAAP. They are not intended to present fairly the financial position and results of operations of the entire County.

## A. Plan Description and Contribution Information

Membership. At June 30, 2006 membership in the Plan consisted of:

| Active plan members | 3,791 |
| :--- | ---: |
| Inactive plan members | 580 |

Plan Description. The Plan, a cost-sharing multiple-employer defined contribution plan, was established in 1994 and is sponsored by the County. Eight other agencies or political subdivisions have elected to participate. All non-public safety and certain public safety employees not represented by a collective bargaining agreement and hired on or after October 1, 1994 are covered by the Plan. Eligible employees covered by the Montgomery County Employees' Retirement System may make an irrevocable decision to transfer to this Plan.

Contributions. Under Section 33-116 of the Code, the Plan requires employees to contribute 3 percent of regular earnings up to the Social Security wage base and 6 percent above the Social Security wage rate. Section 33-117 of the Code requires the County to contribute 6 percent and 10 percent of regular earnings for non-public safety and public safety employees, respectively. In accordance with IRS regulations and the County Code, \$800,000 in accumulated revenue was used to reduce employer contributions in FY 2006.

Benefit Provisions. Employee contributions vest immediately and employer contributions are vested after three years of service or upon death, disability, or reaching retirement age. Members are fully vested upon reaching normal retirement (age 62) regardless of years of service. At separation, a participant's benefit is determined based upon the account balance which includes contributions and investment earnings.

## B. Summary of Significant Accounting Policies

Basis of Accounting. The Plan's financial statements have been prepared under the accrual basis of accounting. Member contributions are recognized in the period in which the contributions are due. Benefits and refunds are recognized when due in accordance with the terms of the Plan. The cost of administering the Plan is paid by the County and participating agencies.

Method Used to Value Investments. Investments are stated at fair value. The fair value is generally based on quoted market prices at June 30, 2006.

Equity in County's Pooled Cash and Investments. The Plan maintains its cash with the County, which invests cash and allocates interest earned, on a quarterly basis to the Plan based on the Plan's average daily balance of its equity in pooled cash. The County's policy is to fully collateralize the cash maintained in the pool.

## C. Trustees of the Plan

The County established a Board of Investment Trustees (Board) for the Trust to oversee the investment program. The Board consists of thirteen members appointed by the County Executive and confirmed by the County Council.

## D. Investments

Section 33-125 of the Code authorizes the Board to establish a diversified slate of mutual and commingled investment funds from which participants may select an option. The Board exercises the Standard of Care as delineated in Section 33-61 of the Code. As of June 30, 2006, the fair value of the mutual and commingled investment funds was $\$ 88,570,836$. The fair value of the investments in international mutual funds was $\$ 3,110,779$.

## E. Income Taxes

The Internal Revenue Service issued a determination letter in December 2002, which stated that the Plan and its underlying trust qualify under the applicable provisions of the Internal Revenue Code and therefore are exempt from federal income taxes. In the opinion of the plan administrator, the Plan and its underlying trust have operated within the terms of the Plan and are qualified under the applicable provisions of the Internal Revenue Code.

## DEFERRED COMPENSATION PLAN

During FY 2005, the Montgomery County Council passed legislation enabling the County to establish and maintain one or more additional deferred compensation plans for employees covered by a collective bargaining agreement. County non-represented employees, those County represented employees who elected to participate, and employees who were retired at the time of transfer, continue to participate in the Montgomery County Deferred Compensation Plan administered by the County (the County Plan). County represented employees who elected may participate in the newly created Montgomery County Union Employees Deferred Compensation Plan (the Union Plan) administered by the bargaining units. The purpose of these Plans is to extend to employees deferred compensation plans pursuant to Section 457 of the Internal Revenue Code of 1986, as amended.

The accompanying financial statements present only the operations of the County Plan in conformity with GAAP. They are not intended to present fairly the financial position and results of operations of the entire County. The assets of the Union Plan are not included in the accompanying financial statements since neither the County nor the Board of Investment Trustees (Board) have fiduciary or other responsibility for the Union Plan except as required by federal law, including any regulation, ruling, or other guidance issued under law.

## A. Plan Description and Contribution Information

Plan Description and Contributions. During 1999, in accordance with Federal legislation, the assets were placed in Trust for the sole benefit of participants and their beneficiaries. Trust responsibilities for the County Plan are assigned to the Board. The Board has a third-party administrator contract to provide investment vehicles and administrative services to plan participants. Under the County Plan, contributions are sent to the providers for different types of investments as selected by the participants. A separate account, which reflects the monies deferred, investment of the monies, and related investment earnings is maintained for each participant by the third-party administrator. Withdrawals are made upon retirement, termination of employment, death, and/or in unforeseeable emergencies.

## B. Summary of Significant Accounting Policies

Basis of Accounting. The County Plan's financial statements have been prepared under the accrual basis of accounting. Member contributions are recognized in the period in which the contributions are due. Distributions are recognized when paid in accordance with the terms of the County Plan, and administrative costs are recognized as incurred.

Method Used to Value Investments. Investments are stated at fair value. The fair value is generally based on quoted market prices at June 30, 2006.

## C. Trustees of the Plan

The County established a Board to oversee the investment program of the County Plan. The Board consists of thirteen members appointed by the County Executive and confirmed by the County Council.

## D. Investments

The Board is required to establish a diversified slate of mutual and commingled funds from which participants may select investment options. The Board exercises the Standard of Care as delineated in Section 33-61 of the Code. As of June 30, 2006, the fair value of the mutual and commingled investment funds was $\$ 212,366,121$. The fair value of the investments in international mutual funds included in the County Plan was $\$ 15,957,962$.

## REQUIRED SUPPLEMENTARY INFORMATION

Historical trend information about the Employees' Retirement System (System) defined benefit pension plan is presented below as required supplementary information. This information is intended to help users assess the System's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and make comparisons with other public employee retirement systems.

## SCHEDULE OF FUNDING PROGRESS

| Actuarial <br> Valuation Date | Actuarial <br> Value of Assets <br> (a) | Actuarial Accrued Liability (AAL) <br> (b) | $\begin{gathered} \text { Unfunded } \\ \text { AAL } \\ \text { (UAAL) } \\ \text { (b-a) } \\ \hline \end{gathered}$ | Funded Ratio (a/b) | Covered Payroll <br> (c) | UAAL as a Percentage of Covered Payroll $((b-a) / c)$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 6/30/01 | \$ 1,990,882,017 | \$ 2,111,946,453 | \$ 121,064,436 | 94.3 \% | \$ 290,751,709 | 41.6 \% |
| 6/30/02 | 2,036,100,709 | 2,273,179,216 | 237,078,507 | 89.6 | 298,456,852 | 79.4 |
| 6/30/03 | 2,029,314,438 | 2,411,492,724 | 382,178,286 | 84.2 | 312,057,363 | 122.5 |
| 6/30/04 | 2,045,098,796 | 2,561,328,232 | 516,229,436 | 79.8 | 318,815,374 | 161.9 |
| 6/30/05 | 2,100,532,623 | 2,775,047,412 | 674,514,789 | 75.7 | 328,459,150 | 205.4 |
| 6/30/06 | 2,222,724,295 | 2,918,336,073 | 695,611,778 | 76.2 | 340,333,414 | 204.4 |

Analysis of the dollar amounts of plan net assets, actuarial accrued liability, and unfunded actuarial accrued liability in isolation can be misleading. Expressing the assets as a percentage of the actuarial accrued liability provides one indication of the System's funding status on a going-concern basis. Analysis of this percentage over time indicates whether the system is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the system. Trends in the unfunded actuarial accrued liability and annual covered payroll are both affected by inflation. Expressing the unfunded actuarial accrued liability as a percentage of annual covered payroll approximately adjusts for the effects of inflation and aids analysis of the system's progress made in accumulating sufficient assets to pay benefits when due. Generally, the smaller this percentage, the stronger the system.

## SCHEDULE OF EMPLOYER CONTRIBUTIONS

| Fiscal <br> Year Ended <br> June 30 | Annual <br> Required <br> Contribution | Percentage <br> Contributed |
| :---: | :---: | :---: |
| 2001 | $\$$ | $43,345,296$ |
| 2002 | $39,168,622$ | $100 \%$ |
| 2003 | $55,205,855$ | 100 |
| 2004 | $61,927,029$ | 100 |
| 2005 | $74,655,371$ | 100 |
| 2006 | $88,184,159$ | 100 |

## NOTES TO REQUIRED SUPPLEMENTARY INFORMATION

The information presented in the required supplementary schedules was determined as part of the actuarial valuation at the date indicated. Additional information as of the latest actuarial valuation follows.

| Valuation date | June 30, 2006 |
| :---: | :---: |
| Actuarial cost method | Projected unit credit |
| Amortization method | Level dollar amount |
| Remaining amortization period | 40 year period based on closed periods |
| Asset valuation method | 5-Year phase-in of market gains/losses |
| Actuarial assumptions: |  |
| Investment rate of return | 8.0\% |
| Projected salary increases depending on age | 4.75\% - 7.50\% |
| Cost-of-living adjustments | 3.5\% |
| Post-Retirement Increases | Consumer Price Index - by Group |
| Mortality rates after retirement | 2000 projected 10 years, separate tables males and females |

The actuarial assumptions used have been recommended by the actuary and adopted by the County's Chief Administrative Officer based on the most recent review of the System's experience, completed as of June 30, 2005.

The rate of employer contributions to the plan is composed of the normal cost, amortization of the unfunded actuarial liability and an allowance for administrative expenses. The normal cost is a level percent of pay cost which, along with the member contributions, will pay for projected benefits at retirement for the average plan participant. The actuarial liability is that portion of the present value of projected benefits that will not be paid by future employer normal costs or member contributions. The difference between this liability and the funds accumulated as of the same date is the unfunded actuarial ability.

## SCHEDULE OF ADMINISTRATIVE EXPENSES

Personnel Services:

| Salaries and wages | 636,600 |
| :--- | ---: |
| Retirement contributions | 74,584 |
| Insurance | 83,159 |
| Social security | 56,034 |
| Total personnel services |  |

Professional Services:

| Actuarial | 253,913 |
| :--- | ---: |
| Independent public accountants | 30,320 |
| Outside legal | 47,465 |
| Total professional services | 331,698 |
|  |  |
| Benefit Processing: | 372,130 |
| Disbursement services | 217,050 |
| Disability management | 589,180 |
| Total benefit processing |  |

Due diligence and continuing education

Office Management:
Rent and related charges 3,863
Communications 23,496
Office equipment and supplies 107,723
Miscellaneous
Total office management
1,513

Total administrative expenses
\$ 1,920,238

## SCHEDULE OF INVESTMENT EXPENSES

Investment Management Fees:
Aetna Life Insurance Company
The Northern Trust Company
Marathon London
BlackRock Financial Management
Wellington Management
Bridgewater Associates
RhumbLine Advisors
Systematic Financial Management 595,856
Mondrian Investment Partners Ltd. 503,710
Barclays Global Investors 66,395
Numeric Investors
WR Huff Asset Management
JP Morgan Investment Management
Capital Guardian Trust Company
Goldman Sachs
Gryphon International Investment
Loomis Sayles \& Co. L.P.
Nomura Corporate Research \& Asset Management
Total investment management fees
Other Investment Related Expenses:
Bloomberg Financial Systems
Wilshire Associates
Securities lending borrower rebates
Securities lending agent fees
Total other investment related expenses
Total investment expenses
\$ $\quad 3,813$
267,625
1,050,597
474,641
578,456
714,898
81,364
595,856

1,331,324
291,255
491,313
135,743
476,895
435,387
116,507
116,171
7,731,950

$$
13,286
$$

222,400
11,825,844
263,904

12,325,434
$\xlongequal{\$ \quad 20,057,384}$

```
EMPLOYEES' RETIREMENT SYSTEM
STATEMENTS OF PLAN NET ASSETS
JUNE 30, 2006 AND 2005
```

|  | 2006 | 2005 |
| :--- | :--- | :--- |

## ASSETS

| Equity in County's pooled cash and investments | \$ 254,623 | \$ 607,687 |
| :---: | :---: | :---: |
| Investments: |  |  |
| U.S. Government and agency obligations | 232,995,778 | 342,255,205 |
| Asset-backed securities | 64,293,203 | 30,034,502 |
| Municipal/Provincial bonds | 1,254,177 | 1,143,116 |
| Corporate bonds | 290,400,350 | 274,681,642 |
| Collateralized mortgage obligations | 14,495,328 | 9,603,250 |
| Commerical mortgage-backed securities | 17,596,302 | 13,576,170 |
| Common and preferred stock | 1,476,304,775 | 1,387,747,640 |
| Mutual and commingled funds | 850,557 | 697,725 |
| Short-term investments | 147,756,147 | 53,478,063 |
| Cash collateral received under securities lending agreements | 336,590,875 | 270,825,841 |
| Real estate holdings | 5,600,193 | 681,790 |
| Alternative investments | 44,610,809 | 21,090,370 |
| Total investments | 2,632,748,494 | 2,405,815,314 |
| Dividends receivable and accrued interest | 8,361,260 | 7,124,154 |
| Contributions receivable | 6,032,613 | 4,771,937 |
| Total assets | 2,647,396,990 | 2,418,319,092 |
| LIABILITIES |  |  |
| Payable for collateral received under securities lending agreements | 336,590,875 | 270,825,841 |
| Benefits payable and other liabilities | 3,126,553 | 2,714,048 |
| Total liabilities | 339,717,428 | 273,539,889 |
| Net assets held in trust for pension benefits | \$ 2,307,679,562 | \$ 2,144,779,203 |

EMPLOYEES' RETIREMENT SYSTEM
STATEMENTS OF CHANGES IN PLAN NET ASSETS
FOR THE YEARS ENDED JUNE 30, 2006 AND 2005

|  | 2006 | 2005 |
| :---: | :---: | :---: |
| ADDITIONS |  |  |
| Contributions: |  |  |
| Employer | \$ 88,184,159 | \$ 74,655,371 |
| Members | 16,084,999 | 15,325,785 |
| Total contributions | 104,269,158 | 89,981,156 |
| Investment Income: |  |  |
| Net appreciation in fair value of investments | 139,140,738 | 156,359,022 |
| Dividends and interest | 55,214,870 | 47,688,935 |
| Total income from investment activities | 194,355,608 | 204,047,957 |
| Less investment expenses | 7,967,636 | 7,209,622 |
| Net income from investment activities | 186,387,972 | 196,838,335 |
| Income from securities lending | 12,706,126 | 6,289,677 |
| Less securities lending expenses | 12,089,748 | 5,695,038 |
| Net income from securities lending | 616,378 | 594,639 |
| Total additions | 291,273,508 | 287,414,130 |
| DEDUCTIONS |  |  |
| Retiree benefits | 112,210,585 | 102,641,063 |
| Disability benefits | 12,124,706 | 10,906,765 |
| Survivor benefits | 1,483,035 | 2,086,755 |
| Refunds | 634,585 | 762,338 |
| Administrative expenses | 1,920,238 | 1,856,977 |
| Total deductions | 128,373,149 | 118,253,898 |
| Net increase | 162,900,359 | 169,160,232 |
| Net assets - beginning of year | 2,144,779,203 | 1,975,618,971 |
| Net assets - end of year | \$2,307,679,562 | \$2,144,779,203 |

RETIREMENT SAVINGS PLAN
STATEMENTS OF PLAN NET ASSETS
JUNE 30, 2006 AND 2005

|  | 2006 | 2005 |
| :--- | :--- | :--- |

## ASSETS

| Equity in County's pooled cash and investments | $\$$ | 611,204 | $\$$ | 439,826 |
| :--- | ---: | ---: | ---: | ---: |
| Investments | $88,570,836$ |  | $69,986,937$ |  |
| Contributions receivable |  | $1,019,942$ |  | 790,497 |
|  |  |  |  |  |
| $\quad$ Total assets |  | $90,201,982$ |  | $71,217,260$ |

## LIABILITIES

Accrued expenses
Net assets held in trust for pension benefits

| 26,828 |  | 27,551 |
| ---: | ---: | ---: |
|  |  |  |

RETIREMENT SA VINGS PLAN
STATEMENTS OF CHANGES IN PLAN NET ASSETS
FOR THE YEARS ENDED JUNE 30, 2006 AND 2005

|  | 2006 |  | 2005 |  |
| :---: | :---: | :---: | :---: | :---: |
| ADDITIONS |  |  |  |  |
| Contributions: |  |  |  |  |
| Employers | \$ | 9,437,190 | \$ | 8,758,520 |
| Members |  | 5,860,277 |  | 4,819,587 |
| Total contributions |  | 15,297,467 |  | 13,578,107 |
| Investment income |  | 7,205,725 |  | 4,517,843 |
| Less investment expenses |  | 30,097 |  | 24,654 |
| Net investment income |  | 7,175,628 |  | 4,493,189 |
| Other income |  | 1,061,073 |  | 175,080 |
| Total additions |  | 23,534,168 |  | 18,246,376 |
| DEDUCTIONS |  |  |  |  |
| Refunds |  | 4,305,879 |  | 2,441,154 |
| Administrative expenses |  | 242,844 |  | 230,942 |
| Total deductions |  | 4,548,723 |  | 2,672,096 |
| Net increase |  | 18,985,445 |  | 15,574,280 |
| Net assets - beginning of year |  | 71,189,709 |  | 55,615,429 |
| Net assets - end of year | \$ | 90,175,154 | \$ | 71,189,709 |

DEFERRED COMPENSATION PLAN
STATEMENTS OF PLAN NET ASSETS
JUNE 30, 2006 AND 2005

## ASSETS

Investments
Contributions receivable
Total assets and net assets

held in trust for pension benefits $\quad \xlongequal{\$ 213,284,709} \quad$| $\$ 187,462,496$ |
| :--- |

DEFERRED COMPENSATION PLAN
STATEMENTS OF CHANGES IN PLAN NET ASSETS
FOR THE YEARS ENDED JUNE 30, 2006 AND 2005

|  | 2006 | 2005 |
| :--- | :--- | :--- |

## ADDITIONS

| Contributions - members | \$ 16,562,414 | \$ 19,928,984 |
| :---: | :---: | :---: |
| Investment income | 20,485,777 | 14,587,449 |
| Total additions | 37,048,191 | 34,516,433 |

## DEDUCTIONS

| Member refunds | 11,225,978 | 10,216,108 |
| :---: | :---: | :---: |
| Administrative expenses | - | 16,194 |
| Movement of member account asset balances | - | 77,837,950 |
| Total deductions | 11,225,978 | 88,070,252 |
| Net increase (decrease) | 25,822,213 | $(53,553,819)$ |
| Net assets - beginning of year | 187,462,496 | 241,016,315 |
| Net assets - end of year | \$ 213,284,709 | \$187,462,496 |




## INVESTMENT SECTION

Employees' Retirement System

## EMPLOYEES' RETIREMENT SYSTEM

## INVESTMENT PERFORMANCE, POLICY, STATISTICS AND ACTIVITY

For the fiscal year, the System's investment return was 9.18 percent. Return data for the System was calculated on a time weighted basis in accordance with the standards of the Association of Investment Management \& Research (AIMR) by the System's custodian bank, The Northern Trust Company. Valuations are based on published national securities exchange prices, where available, and all valuations are reconciled between the various investment managers and the custodian bank. The following pages were prepared by the Board of Investment Trustees (Board) staff.

In the investment of public funds, adequate funding of employee retirement benefits at a reasonable and affordable cost is a paramount concern. An appropriate balance must be struck between risks taken and returns sought to ensure the long term health of the System. The Board has adopted an investment policy that works to control the extent of downside risk to which the System is exposed while maximizing the potential for long term increases in the value of assets.

Specific investment objectives include:

- To realize the actuarial assumed rate of return of 8 percent, annually.
- To manage portfolio risk so as to limit potential downside fluctuations in the value of the total System assets.
- To realize as high a rate of total return as possible consistent with the above.

To achieve these objectives, the following investment policies are employed:

- Allocate System assets to a broad array of investment sectors as follows: domestic equities $40 \%$, alternative investments $5 \%$, international equities $20 \%$, domestic fixed income $20 \%$, real estate $5 \%$, and inflation index bonds $10 \%$.
- Maintain the asset allocation stated above, within a $+/-3 \%$ range.
- Monitor the individual investment manager's market value to ensure compliance with the Board's Manager Funding Policy.
- Evaluate the performance of all investment managers against their specific performance and style objectives and against the returns achieved by other similar managers.
- Evaluate the System's overall risk exposure and modify investments through rebalancing when necessary.

Charts and tables are enclosed indicating the System's:

- Asset allocation
- Investment managers with assignments
- List of largest assets held
- Investment performance for various periods

| Asset Class <br> Manager | Investment Style | Fair Value \$000 |  | \% of Total <br> Fair Value |
| :---: | :---: | :---: | :---: | :---: |
| Domestic Equities |  |  |  |  |
| BGI Russell 1000 Fund* | Passive Russell 1000 Index | \$ | 211,358 | 9.2\% |
| RhumbLine Advisors | Passive Russell 1000 Index |  | 226,432 | 9.8\% |
| Systematic Financial Mgt. | Active Large Cap Value |  | 173,122 | 7.5\% |
| Numeric Investors | Active Large Cap Core |  | 167,718 | 7.3\% |
| Goldman Sachs | Active Large Cap Growth |  | 161,960 | 7.0\% |
| Wellington | Active Small Cap Value |  | 86,651 | 3.8\% |
| Numeric Investors | Active Small Cap Growth |  | 84,433 | 3.7\% |
| Fidelity Investments* | Commingled Funds |  | 850 | 0.0\% |
| Alternative Investments |  |  |  |  |
| Adams Street* | Private Equity Fund-of-Funds |  | 23,304 | 1.0\% |
| HabourVest * | Private Equity Fund-of-Funds |  | 20,192 | 0.9\% |
| Landmark* | Private Equity Fund-of-Funds |  | 1,115 | 0.1\% |
| International Equities |  |  |  |  |
| Marathon | Active EAFE |  | 209,665 | 9.1\% |
| Gryphon | Active EAFE |  | 123,919 | 5.4\% |
| Mondrian* | Active Emerging Mkts. Fund |  | 59,553 | 2.6\% |
| BGI EAFE Fund* | Passive EAFE Index |  | 1,197 | 0.1\% |
| Real Estate |  |  |  |  |
| Morgan Stanley* | Active Equity |  | 46 | 0.0\% |
| AEW Capital* | Private Real Estate Fund |  | 5,554 | 0.2\% |
| Fixed Income |  |  |  |  |
| JP Morgan | Active Core Plus |  | 185,107 | 8.0\% |
| BlackRock | Active Core Plus |  | 213,108 | 9.2\% |
| Nomura | High Yield |  | 53,392 | 2.3\% |
| Loomis Sayles | High Yield |  | 51,854 | 2.2\% |
| BGI US Debt Fund* | Passive Lehman Aggregate Index |  | 14,387 | 0.6\% |
| Inflation Index Bond |  |  |  |  |
| Bridgewater | Inflation Index Bonds |  | 216,152 | 9.4\% |
| Cash* | Active Short Term |  | 13,704 | 0.6\% |
| Total Assets** |  | \$ | 2,304,773 | 100.0\% |

[^1]
## EMPLOYEES' RETIREMENT SYSTEM

## Target Asset Allocation



Asset Allocation June 30, 2006


EMPLOYEES' RETIREMENT SYSTEM
LIST OF LARGEST ASSETS HELD
JUNE 30, 2006

| Fifteen Largest Equity Holdings | Shares | Value |
| :--- | :---: | :---: |
| Exxon Mobil | 319,900 | $19,625,865$ |
| Bank of America | 351,009 | $16,883,533$ |
| General Electric | 409,100 | $13,483,936$ |
| Citigroup | 277,902 | $13,405,992$ |
| Pfizer | 492,700 | $11,563,669$ |
| Ches Energy | 321,920 | $9,738,080$ |
| Microsoft | 413,370 | $9,631,521$ |
| AT\&T | 337,213 | $9,404,871$ |
| Altria Group | 118,200 | $8,679,426$ |
| Pepsico | 127,662 | $7,664,826$ |
| Schlumberger LTD | 117,720 | $7,664,749$ |
| FHLMC | 133,970 | $7,637,630$ |
| First Data | 167,754 | $7,555,640$ |
| IBM | 96,300 | $7,397,766$ |
| Wal-Mart | 151,200 | $7,283,304$ |


| Fifteen Largest Fixed Income Holdings | Interest <br> Rate | Maturity Date |  | Fair <br> Value |
| :---: | :---: | :---: | :---: | :---: |
| United States Treasury Bonds |  |  |  |  |
| Inflation Index Linked | 3.875 \% | April 15, 2029 | \$ | 21,681,720 |
| Federal National Mortgage Assn. |  |  |  |  |
| 30 year Pass-Throughs | 6.500 | June 1, 2036 |  | 13,052,806 |
| Federal National Mortgage Assn. |  |  |  |  |
| Gold Participation Certificate | 6.000 | August 14, 2033 |  | 11,604,592 |
| United States Treasury Notes | 4.875 | May 31, 2008 |  | 10,714,811 |
| Federal National Mortgage Assn. |  |  |  |  |
| Gold Participation Certificate | 6.000 | July 15, 2034 |  | 9,253,125 |
| Canada Index Linked Government Bonds | 3.000 | January 12, 2036 |  | 8,856,603 |
| United States Treasury Notes |  |  |  |  |
| Inflation Index Linked | 2.000 | January 15, 2014 |  | 8,102,770 |
| Federal National Mortgage Assn. |  |  |  |  |
| 30 year Pass-Throughs | 5.500 | May 1, 2036 |  | 7,346,412 |
| Federal National Mortgage Assn. |  |  |  |  |
| Single Family Mortgage 30 year | 6.000 | January 15, 2014 |  | 7,331,262 |
| Federal National Mortgage Assn. |  |  |  |  |
| TBA Pool 15 year | 5.500 | April 1, 2021 |  | 7,256,662 |
| Federal National Mortgage Assn. |  |  |  |  |
| Single Family Mortgage 15 year | 6.000 | July 15, 2019 |  | 7,024,066 |
| France Government OATEI | 3.150 | July 25, 2032 |  | 6,817,695 |
| United States Treasury Inflation Linked Bonds | 2.350 | January 15, 2025 |  | 6,760,819 |
| United States Treasury Notes |  |  |  |  |
| Inflation Index Linked | 2.153 | July 15, 2014 |  | 6,689,458 |
| Italy Repurchase BTPI Linked | 2.150 | September 15, 2014 |  | 6,616,864 |

A complete list of the portfolio holdings can be obtained by contacting the Board of Investment Trustees office.

| Asset Class <br> Manager | 1 Year |  | 3 Year |  | 5 Year |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Domestic Equities |  |  |  |  |  |
| RhumbLine Advisors | 8.96 | \% | 12.02 | \% | 3.17 \% |
| BGI Russell 1000 Fund* | - |  | - |  | - |
| Systematic Financial Mgt. | 13.38 |  | 16.9 |  | 7.61 |
| Numeric Investors-Core | 8.96 |  | 14.42 |  | 5.98 |
| Goldman Sachs* | 5.55 |  | 7.36 |  | - |
| Numeric Investors-Small Cap | 15.1 |  | 19.96 |  | 9.79 |
| Wellington* | 11.27 |  | - |  | - |
| Combined Domestic Equities | 9.87 |  | 13.65 |  | 5.10 |
| **Russell 3000 | 9.56 |  | 12.56 |  | 12.56 |
| Alternative Investments (a) |  |  |  |  |  |
| Adams Street* | 10.62 |  | 6.68 |  | - |
| HarbourVest* | 16.49 |  | - |  | - |
| Landmark* | - |  | - |  | - |
| **Russell 3000 + 300 Bpts | 12.56 |  | 15.56 |  | - |
| International Equities |  |  |  |  |  |
| Marathon* | 28.22 |  | 28.36 |  | - |
| Gryphon* | - |  | - |  | - |
| Mondrian * | 24.67 |  | - |  | - |
| BGI EAFE Fund* | 26.90 |  | 24.28 |  | - |
| Combined International Equities | 26.08 |  | 25.35 |  | 11.73 |
| **MSCI All Country World X US | 28.40 |  | 25.78 |  | 11.85 |
| Real Estate |  |  |  |  |  |
| AEW Capital* | - |  | - |  | - |
| Morgan Stanley | 1.05 |  | (11.17) |  | (7.34) |
| Combined Real Estate Funds | 1.03 |  | (11.18) |  | (7.34) |
| Fixed Income |  |  |  |  |  |
| JP Morgan | 0.19 |  | 2.84 |  | 5.56 |
| BlackRock | 0.21 |  | 2.75 |  | 5.61 |
| Nomura* | - |  | - |  | - |
| Loomis Sayles* | - |  | - |  | - |
| BGI US Debt Fund* | -0.77 |  | 2.08 |  | - |
| Combined Fixed Income | 0.13 |  | 3.78 |  | 5.83 |
| **Policy Benchmark | 0.38 |  | 3.46 |  | 5.92 |
| Inflation Index Bonds |  |  |  |  |  |
| Bridgewater* | 1.60 |  | 6.12 |  | - |
| **Custom IIB Benchmark | 0.28 |  | 5.10 |  | 7.82 |
| Total Fund | 9.18 |  | 12.24 |  | 6.83 |
| **Policy Benchmark | 8.96 | \% | 11.42 | \% | 6.16 \% |

Returns are calculated on a time weighted
*Returns are not available for years indicated.
** Benchmark indexes.
(a) Returns in the early years of private equity are not generally meaningful due to accepted industry valuation standards. Negative performance in the early stages of private equity investing may occur due to the long term nature of the investment.

EMPLOYEES' RETIREMENT SYSTEM
Compound Annual Return As of June 30, 2006




# ACTUARIAL SECTION 

Employees' Retirement System

## MERCER

Human Resource Consulting

1255 23rd Street NW, Suite 500 Washington. DC 20037-1198 2023315200 Fax 2022960909

November 21, 2006
Board of Investment Trustees
Montgomery County Government Retirement System
101 Monroe Street
Rockville, MD 20850
Subject:

## July 1, 2006 Actuarial Valuation Report

Dear Members of the Board:
Mercer Human Resource Consulting annually performs an actuarial valuation of the Montgomery County Employees' Retirement System for the Montgomery County Government. The most recent actuarial valuation performed was as of July 1, 2006. The purpose of this valuation was to:

- Review experience under the Plan for the year ending June 30, 2006
- Determine the liabilities of the Plan as of June 30, 2006
- Determine the contribution to be paid biweekly during the fiscal year ending June 30, 2008.

The actuarial information in this letter is provided in detail in our valuation report.

## Valuation Results

Sections II through IV of the valuation report detail the results of the 2006 valuation, including a breakdown by employee group and plan. This valuation reflects the cost of demographic assumption changes as approved by the County resulting from an experience study conducted by Mercer after the 2005 valuation.

## County Contributions

Contributions are computed using the Projected Unit Credit method of funding. The objective of this method is to fund each participant's benefits under the Plan, as they would accrue, taking into consideration future salary increases. Thus the total pension to which each participant is expected to become entitled is broken down into units; each associated with a year of past or future credited service.

If all actuarial assumptions are met in the future and if there are no plan changes, the plan contribution as a percentage of the payroll covered by this plan is expected to increase. This is

## MERCER

Human Resource Consulting

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November 21, 2006
Board of Investment Trustees
Montgomery County Government Retirement System
because the Optional Plans are closed to new non-public safety members; hence, the average age of active members is expected to increase in the future. Normal cost per active member in the closed groups will increase at roughly the valuation interest rate, which is higher than the assumed salary scale.

The July 1, 2006 actuarial valuation sets the County's contribution rates for the fiscal year ending June 30, 2008. The rates are set separately for public safety and non-public safety employee groups and will be applied to each group's total covered payroll for the fiscal year 2008. Thus, the exact dollar amount of the required contribution will not be known until the end of the fiscal year 2008. The contribution rates for fiscal year 2008 were determined based on the total payroll at July 1, 2006, taking into account the general wage adjustments for FY07 on July 9, 2006, and January 7, 2007.

## Investments

During the 2005-2006 plan year, the rate of return after investment expenses on the market value of assets was $8.8 \%$. On a market value basis, the return was $\$ 16.4$ million more than the $8 \%$ assumed rate of return. This $\$ 16.4$ million gain is phased in over a five-year period. Gains and losses from 2005-2006 and prior years produced a net loss on an actuarial value of assets basis. As of July 1, 2006, net investment gains of $\$ 85.0$ million had not yet been recognized in the actuarial value of assets.

The 2006 valuation was based on an actuarial value of assets of $\$ 2,222,724,295$.
We used the financial information provided by the County without further audit.

## Aetna Contract

The value of the Aetna non-participating group-annuity contract is excluded from all calculations.

## Actuarial Assumptions and Plan Provisions

Changes in actuarial assumptions since the last actuarial valuation as of July 1, 2005 are described in. the July 1, 2006 valuation report. There were no changes in plan provisions since the July 1, 2005 actuarial valuation.

## MERCER

Human Resource Consulting

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November 21, 2006
Board of Investment Trustees
Montgomery County Government Retirement System

## Participant Data

Between June 30, 2005 and June 30, 2006, there was a $0.2 \%$ increase in the number of plan members. However, the number of active members decreased by $4.7 \%$, from 5,628 to 5,362 . The total payroll increased by $0.6 \%$, from $\$ 355.1$ million to $\$ 357.4$ million.

Aetna provided the retiree data, including benefits. The County provided data on active and terminated vested members. This information would customarily not be verified by a plan's actuary. We have reviewed the information for internal consistency and we have no reason to doubt its substantial accuracy.

## Supplementary Information

The July 1, 2006 actuarial valuation report also provides supplemental information, including the schedule of funding progress. This schedule is presented in the financial section of the County's Comprehensive Annual Financial Report (CAFR). This information is intended to help users assess the System's funding status on a going-concern basis, assess progress made in accumulating assets to pay benefits when due, and to provide a means for making comparisons with other public employee retirement systems.

The County extracted the information from the July 1, 2006 valuation report for the following schedules in the actuarial section and the statistical section of County's Comprehensive Annual Financial Report.

- Summary of Results
- System Contribution
- Membership
- Actuarial Assumptions and Methods
- Solvency Test


## Actuarial Certification

All costs, liabilities, and other factors under the Plan were determined in accordance with generally accepted actuarial principles and procedures. The information provided has been determined in accordance with the provisions of Statement Numbers 25 and 27 of the

## MERCER

Human Resource Consulting

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November 21, 2006
Board of Investment Trustees
Montgomery County Government Retirement System

Governmental Accounting Standards Board. The costs are calculated using an actuarial cost method that we believe is appropriate. The actuarial assumptions are reasonable in our opinion and represent our best estimate of the anticipated experience under the Plan.

The undersigned credentialed actuaries meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained in this report.

Respectfully submitted,


## SUMMARY OF VALUATION RESULTS EMPLOYEES' RETIREMENT SYSTEM

## A. Overview

This report presents the results of our June 30, 2006 actuarial valuation of the Montgomery County Employees' Retirement System.

The major findings of the valuation are summarized in the following charts:


The change in the employer contribution rate in FY 2006 for Public Safety was primarily due to assumption changes. The change in the employer contribution rate in FY 2006 for Non-Public Safety was due to actual System experience versus actuarial assumptions.



The unfunded actuarial liability increased in FY 2006 due to the loss on the actuarial value of assets, demographic factors, normal cost, interest, and contributions.


The ratio of actuarial assets to the actuarial accrued liability remained below $100 \%$ this year.

## B. Summary of Results



## C. Valuation Highlights

## 1. System Assets

As of June 30, 2006, the System had assets, valued at market, of $\$ 2.308$ billion, as compared to $\$ 2.145$ billion at June 30, 2005. The increase of $\$ 163$ million was attributable to the following:
a. An increase of $\$ 104$ million from employer and employee contributions;
b. An increase of $\$ 187$ million from investment income; and
c. A decrease of $\$ 128$ million due to the payment of benefits to System participants and administrative expenses.

When measured on an actuarial basis, System assets were $\$ 2.223$ billion at June 30, 2006, and $\$ 2.101$ billion at June 30, 2005. The asset valuation method smoothes the fluctuations generated by intermittent market gains and losses. This method phases-in investment gains and losses arising during and after the 1994 fiscal year over a five-year period from the date established. Effective July 1, 1997, the calculation of the actuarial value of assets was changed to exclude the present value of estimated accrued contributions.

## 2. System Liabilities

The Unfunded Actuarial Liability increased $\$ 21.1$ million, from $\$ 674.5$ million at July 1, 2005, to $\$ 695.6$ million at July 1, 2006, as follows:

| Actual Unfunded Liability at beginning of year | $\$$ | $674,514,789$ |
| :--- | :--- | :---: |
| Actual Unfunded Liability at end of year | $695,611,778$ |  |
| Increase in Actual Unfunded Liability | $\$ \quad(21,096,989)$ |  |

The increase in Actual Unfunded Liability for the year ended June 30, 2006, is comprised of the following:

| Increase due to loss on actuarial value of assets | $\$$ | $(20,801,336)$ <br> $(31,916,191)$ <br> $31,620,538$ |
| :--- | :---: | ---: |
| Increase due to demographic loss and other factors |  | $(21,096,989)$ |
| Increase due to normal cost, interest and contributions | $\$$(2, |  |
| Increase in Actual Unfunded Liability |  |  |

## 3. System Contributions

Contributions to the System include a "normal cost" rate which covers the portion of projected liabilities related to service of members. In addition, an amortization payment is made to fund the unfunded liability related to changes made to benefits in previous years which are being funded over a specific period of time.

The increase in the employer contribution rate is attributable to the following:

|  | Public <br> Safety |  | Non- <br> Public <br> Safety |
| :---: | :---: | :---: | :---: |
| Employer contribution rate - June 30, 2005 | 39.11 | \% | 23.28 |
| Increase due to loss on actuarial value of assets | 0.35 |  | 0.47 |
| Increase due to actuarial gains \& losses | 0.99 |  | 1.50 |
| Increase (decrease) due to assumption changes | (2.28) |  | (0.84) |
| Employer contribution rate - June 30, 2006 | 38.17 | \% | 24.41 |

## 4. Membership

The active membership of the System decreased from 5,628 at June 30, 2005 to 5,362 at June 30, 2006. The System was closed to all new employees hired after October 1, 1994, except public safety bargaining unit employees. Inactive members, including retirees and beneficiaries, increased from 4,665 at June 30, 2005 to 4,848 at June 30, 2006 and the number of former members with vested rights increased from 381 to 485 .

## SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS EMPLOYEES' RETIREMENT SYSTEM

## A. Funding Method

The funding method used for the System's valuation is the "projected unit credit" actuarial cost method. The objective of this method is to allocate the total pension benefit to which each participant is expected to become entitled at retirement to the participant's past and future service. The allocation is accomplished by applying the plan's accrual formula to projected final salary at retirement. An actuarial liability is calculated at the valuation date as the present value of benefits allocated to service prior to that date. The unfunded actuarial liability at the valuation date is the excess of the actuarial liability over the assets of the System.

## B. Actuarial Value of Assets

The actuarial value of assets is used for purposes of determing the County's contribution to the System. The asset adjustment method dampens the volatility of asset values that could occur because of short term fluctuations in market conditions. Use of an asset smoothing method is consistent with the long term nature of the actuarial valuation process. Assets are valued at market value but with a phase-in of investment gains and losses arising after July 1, 1994, over a 5-year period. The gains and losses are net of expenses. Effective July 1, 1997, the calculation of the actuarial value of assets does not include the present value of accrued contributions.

## ACTUARIAL ASSUMPTIONS AND METHODS <br> EMPLOYEES' RETIREMENT SYSTEM

## A. Demographic Assumptions

1. Mortality

RP2000 projected 10 years, separate tables for males and females
Annual Deaths per 1,000 Members

| Annual Deaths per 1,000 Members |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Age | Male <br> Deaths | Female <br> Deaths | Age | Male <br> Deaths | Female <br> Deaths |
| 20 | 0 | 0 | 65 | 11 | 9 |
| 25 | 0 | 0 | 70 | 19 | 16 |
| 30 | 0 | 0 | 75 | 33 | 26 |
| 35 | 1 | 0 | 80 | 58 | 43 |
| 40 | 1 | 1 | 85 | 103 | 73 |
| 45 | 1 | 1 | 90 | 176 | 128 |
| 50 | 2 | 1 | 95 | 262 | 191 |
| 55 | 3 | 3 | 100 | 341 | 235 |
| 60 | 6 | 5 | 105 | 398 | 293 |

2. Termination of Employment (prior to retirement eligibility)

Annual Terminations per 1,000 Members

| Years of Service | Non-Public Safety | Public Safety |
| :---: | :---: | :---: |
| $0-4$ | 35 | $80-29$ |
| $5-9$ | 35 | $22-14$ |
| $10-14$ | 17 | $13-6$ |
| $15-19$ | $17-11$ | $5-3$ |
| $20-25$ | $11-6$ | 2 |
| $26+$ | 6 |  |

It is assumed that $15 \%$ of all vested participants who terminate elect to receive a refund of their contributions with interest instead of a deferred benefit regardless of their age when they terminate employment.
3. Disability

|  | Annual Disabilities per 1,000 Members |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Non-Public Safety <br> Employees |  |  | Public Safety <br> Employees |  |
|  | Male | Female |  | Male |  |

## 4. Deaths

|  | Annual Deaths per <br> $\mathbf{1 , 0 0 0}$ Disabled Members |  |
| :---: | :---: | :---: |
| Age | Male | Female |
| 20 | 0 | 0 |
| 25 | 0 | 0 |
| 30 | 1 | 0 |
| 35 | 1 | 1 |
| 40 | 2 | 1 |
| 45 | 2 | 2 |
| 50 | 4 | 3 |
| 55 | 7 | 5 |
| 60 | 13 | 10 |
| 65 | 22 | 17 |

Actuarial Assumptions and Methods
Employees’ Retirement System (Continued)

## 5. Retirement

| Age | Non-Public Safety Employees | Public Safety Employees Other than Group G |
| :---: | :---: | :---: |
| Under 40 | 0\% | 3\% |
| 41 | 0\% | 3\% |
| 42 | 0\% | 3\% |
| 43 | 0\% | 3\% |
| 44 | 0\% | 3\% |
| 45 | 1\% | 3\% |
| 46 | 1\% | 10\% |
| 47 | 1\% | 10\% |
| 48 | 1\% | 10\% |
| 49 | 1\% | 10\% |
| 50 | 5\% | 15\% |
| 51 | 5\% | 15\% |
| 52 | 5\% | 30\% |
| 53 | 5\% | 30\% |
| 54 | 5\% | 30\% |
| 55 | 8\% | 75\% |
| 56 | 8\% | 75\% |
| 57 | 8\% | 75\% |
| 58 | 8\% | 75\% |
| 59 | 8\% | 75\% |
| 60 | 15\% | 100\% |
| 61 | 15\% | 100\% |
| 62 | 15\% | 100\% |
| 63 | 15\% | 100\% |
| 64 | 15\% | 100\% |
| 65 | 40\% | 100\% |
| 66 | 40\% | 100\% |
| 67 | 40\% | 100\% |
| 68 | 40\% | 100\% |
| 69 | 40\% | 100\% |
| 70 | 100\% | 100\% |

Note: Rates apply only when an employee is eligible to retire based on age and service.

## 6. Sick Leave Credit

Sick leave: Service credit is increased by $2.5 \%$ to account for additional credit from unused sick leave. Sick leave is capped at 2 years.

## 7. Marital assumption

$80 \%$ of active participants are assumed to be married. Women are assumed to be three years younger than their spouses.

## 8. Assumption Changes

In October 2005, the System's actuary, Mercer Human Resource Consulting completed an experience study of the actuarial assumptions used for the five-year period ending June 30, 2005. All recommended assumptions were approved by management at that time.

## B. Economic Assumptions

1. Investment Return:
2. Cost-of-Living Increases:
3. Increase in Social Security Wage Base:
4. Expense load:
5. Salary Increase:
$8.0 \%$ compound per annum
$3.5 \%$ compound per annum
4.5\% compound per annum

Anticipated administrative expense equal to the average of the prior three years of administrative expenses adjusted for anticipated changes (which equates to a $\$ 200,000$ reduction for FY2008). FY2008, this figure is $\$ 1,750,000$.

Merit and promotional increases assumed to be based on age as shown below:

| Age | Salary Scale |
| :--- | :---: |
| $18-34$ | $7.50 \%$ |
| $35-44$ | $6.50 \%$ |
| 45 onwards | $4.75 \%$ |

## ANALYSIS OF FINANCIAL EXPERIENCE

Gains and Loss in Accrued Liability During Years Ended June 30 Resulting from Differences Between Assumed Experience and Actual Experience


## SOLVENCY TEST

## Aggregate Accrued Liabilities

| Valuation | (1) <br> Active <br> Member | (2) <br> Retirees, Vested Terms, | (3) <br> Active Members (Employer | Reported | Portion of Accrued Liabilities Covered by Reported Assets |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Date | Contributions | Beneficiaries | Financed Portion) | Assets | (1) | (2) |  | 3) |
| 6/30/2000 | \$ 136,181,427 | \$ 1,014,314,792 | \$ 781,418,094 | \$ 1,911,114,401 | 100 \% | 100 | \% | 97 \% |
| 6/30/2001 | 143,356,036 | 1,029,982,653 | 938,607,764 | 1,990,882,017 | 100 | 100 |  | 87 |
| 6/30/2002 | 146,500,545 | 1,125,070,362 | 1,001,608,309 | 2,036,100,709 | 100 | 100 |  | 76 |
| 6/30/2003 | 155,686,014 | 1,247,359,872 | 1,008,446,838 | 2,029,314,438 | 100 | 100 |  | 62 |
| 6/30/2004 | 160,523,789 | 1,354,272,329 | 1,046,532,114 | 2,045,098,796 | 100 | 100 |  | 51 |
| 6/30/2005 | 166,078,802 | 1,426,030,001 | 1,182,938,609 | 2,100,532,623 | 100 | 100 |  | 43 |
| 6/30/2006 | 177,391,695 | 1,578,703,590 | 1,162,240,788 | 2,222,724,295 | 100 | 100 |  | 40 |

## SCHEDULE OF RETIREES AND SURVIVORS <br> During Years Ended June 30

|  | New Retirees and Dis ableds | Survivors | Total |
| :---: | :---: | :---: | :---: |
| July 1, 2000 | 3,565 | 304 | 3,869 |
| New retirements \& disabilities | 217 | 0 | 217 |
| Deaths with beneficiaries | (20) | 20 | 0 |
| Deaths/benefits ended | (85) | (12) | (97) |
| July 1, 2001 | 3,677 | 312 | 3,989 |
| New retirements \& disabilities | 244 | 0 | 244 |
| Deaths with beneficiaries | (28) | 28 | 0 |
| Deaths/benefits ended | (108) | (10) | (118) |
| July 1, 2002 | 3,785 | 330 | 4,115 |
| New retirements \& disabilities | 336 | 0 | 336 |
| Deaths with beneficiaries | (30) | 30 | 0 |
| Deaths/benefits ended | (71) | (10) | (81) |
| July 1, 2003 | 4,020 | 350 | 4,370 |
| New retirements \& disabilities | 304 | 0 | 304 |
| Deaths with beneficiaries | (26) | 26 | 0 |
| Deaths/benefits ended | (99) | (16) | (115) |
| July 1, 2004 | 4,199 | 360 | 4,559 |
| New retirements \& disabilities | 216 | 0 | 216 |
| Deaths with beneficiaries | (20) | 20 | 0 |
| Deaths/benefits ended | (99) | (11) | (110) |
| July 1, 2005 | 4,296 | 369 | 4,665 |
| New retirements \& disabilities | 266 | 0 | 266 |
| Deaths with beneficiaries | (22) | 22 | 0 |
| Deaths/benefits ended | (57) | (26) | (83) |
| July 1, 2006 | 4,483 | 365 | 4,848 |

## SCHEDULE OF ANNUAL ALLOWANCE <br> During Years Ended June 30

|  | New Retirees and Disableds |  | Survivors |  | Total |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| July 2000 | \$ | 83,375,421 | \$ | 3,496,903 | \$ | 86,872,324 |
| Average Annual Allowance |  | 23,387 |  | 11,503 |  | 22,453 |
| Annual Allowance Added |  | 7,606,633 |  | 509,798 |  | 8,116,431 |
| Annual Allowance Removed |  | $(1,453,840)$ |  | $(261,006)$ |  | $(1,714,846)$ |
| July 2001 | \$ | 89,528,214 | \$ | 3,745,695 | \$ | 93,273,909 |
| Average Annual Allowance |  | 24,348 |  | 12,005 |  | 23,383 |
| Annual Allowance Added |  | 8,191,629 |  | 499,438 |  | 8,691,067 |
| Annual Allowance Removed |  | $(1,908,620)$ |  | $(231,142)$ |  | $(2,139,762)$ |
| July 2002 | \$ | 95,811,223 | \$ | 4,013,991 | \$ | 99,825,214 |
| Average Annual Allowance |  | 25,313 |  | 12,164 |  | 24,259 |
| Annual Allowance Added |  | 11,401,243 |  | 551,410 |  | 11,952,653 |
| Annual Allowance Removed |  | $(1,479,300)$ |  | $(159,196)$ |  | $(1,638,496)$ |
| July 2003 | \$ | 105,733,166 | \$ | 4,406,205 | \$ | 110,139,371 |
| Average Annual Allowance |  | 26,302 |  | 12,589 |  | 25,204 |
| Annual Allowance Added |  | 11,570,789 |  | 572,318 |  | 12,143,107 |
| Annual Allowance Removed |  | $(2,180,663)$ |  | $(308,637)$ |  | $(2,489,300)$ |
| July 2004 | \$ | 115,123,292 | \$ | 4,669,886 | \$ | 119,793,178 |
| Average Annual Allowance |  | 27,417 |  | 12,972 |  | 26,276 |
| Annual Allowance Added |  | 10,396,825 |  | 797,535 |  | 11,194,360 |
| Annual Allowance Removed |  | $(1,963,577)$ |  | $(313,742)$ |  | $(2,277,319)$ |
| July 2005 | \$ | 123,556,540 | \$ | 5,153,679 | \$ | 128,710,219 |
| Average Annual Allowance |  | 28,761 |  | 13,967 |  | 27,591 |
| Annual Allowance Added |  | 14,424,755 |  | 305,259 |  | 14,730,014 |
| Annual Allowance Removed |  | $(1,611,828)$ |  | $(127,575)$ |  | $(1,739,403)$ |
| July 2006 | \$ | 136,369,467 | \$ | 5,331,363 | \$ | 141,700,830 |
| Average Annual Allowance | \$ | 30,419 | \$ | 14,606 | \$ | 29,229 |

## Schedule of Active Member Valuation Data

| Valuation Date | Number | $\underline{\text { Annual Payroll }{ }^{(a)}}$ | $\begin{gathered} \text { Annual } \\ \text { Average Pay } \end{gathered}$ | $\begin{aligned} & \frac{\% \text { Increase in }}{\text { Average Pay }} \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| July 1, 2000 | 6,093 | \$307,367,030 | \$50,446 | 4.617\% |
| July 1, 2001 | 6,023 | \$318,682,907 | \$52,911 | 4.887\% |
| July 1, 2002 | 5,983 | \$333,449,862 | \$55,733 | 5.333\% |
| July 1, 2003 | 5,876 | \$336,019,788 | \$57,185 | 2.606\% |
| July 1, 2004 | 5,670 | \$341,629,327 | \$60,252 | 5.363\% |
| July 1, 2005 | 5,628 | \$355,105,993 | \$63,096 | 4.721\% |
| July 1, 2006 | 5,362 | \$357,361,131 | \$66,647 | 5.627\% |

(a) Total payroll for active participants under retirement age was used for years prior to July 1, 2002.

Beginning July 1, 2002 payroll for all active participants was used.



# STATISTICAL SECTION <br> Employees' Retirement System 

MONTGOMERY COUNTY, MARYLAND
EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF CHANGE IN NET ASSETS
JUNE 30, 2006
LAST TEN FISCAL YEARS
(dollars in thousands)

|  | Fiscal Year |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1997 |  | 1998 |  | 1999 |  | 2000 |  | 2001 |  |
| Additions |  |  |  |  |  |  |  |  |  |  |
| Member contributions |  | 10,271 | \$ | 10,520 |  | 10,477 | \$ | 10,924 | \$ | 11,292 |
| Employer contributions |  | 49,763 |  | 51,098 |  | 47,463 |  | 44,347 |  | 43,345 |
| Investment income (net of expenses) |  | 241,045 |  | 270,973 |  | 165,710 |  | 135,338 |  | $(81,375)$ |
| Total additions |  | 301,079 |  | 332,591 |  | 223,650 |  | 190,609 |  | $(26,738)$ |
| Deductions |  |  |  |  |  |  |  |  |  |  |
| Benefit payments |  | 64,065 |  | 67,656 |  | 71,473 |  | 76,387 |  | 78,434 |
| Refunds |  | 891 |  | 1,058 |  | 828 |  | 861 |  | 1,067 |
| Administrative expenses |  | 1,111 |  | 1,177 |  | 1,297 |  | 1,220 |  | 1,689 |
| Total deductions |  | 66,067 |  | 69,891 |  | 73,598 |  | 78,468 |  | 81,190 |
| Change in net assets |  | 235,012 | \$ | 262,700 |  | 150,052 | \$ | 112,141 |  | $\underline{\text { 107,928) }}$ |

MONTGOMERY COUNTY, MARYLAND
EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF BENEFIT AND REFUND DEDUCTIONS FROM NET ASSETS BY TYPE
JUNE 30, 2006
LAST TEN FISCAL YEARS
(dollars in thousands)

| Fiscal Year |  |  |  |  |  |
| :--- | :---: | :---: | :---: | :---: | :---: |
|  | 1997 | 1998 | 1999 | 2000 | 2001 |

## Type of Benefit

Service benefits:

|  | $\$ 43,547$ |  | $\$$ | 46,448 |  | $\$$ | 49,533 |  | $\$$ | 53,463 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |

[^2]| 2002 | 2003 | 2004 | 2005 | 2006 |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{array}{rr} \$ & 12,944 \\ 39,168 \\ & (124,177) \\ \hline \end{array}$ | $\begin{array}{rr} \$ & 14,770 \\ 55,206 \\ 82,174 \\ \hline \end{array}$ | $\begin{array}{r} \$ 14,762 \\ 61,927 \\ 286,895 \\ \hline \end{array}$ | $\begin{array}{r} \$ 15,326 \\ 74,655 \\ 197,433 \\ \hline \end{array}$ | $\begin{array}{r} \$ 16,085 \\ 88,184 \\ 187,004 \\ \hline \end{array}$ |
| $(72,065)$ | 152,150 | 363,584 | 287,414 | 291,273 |
| 85,323 | 100,381 | 111,646 | 115,635 | 125,818 |
| 681 | 739 | 796 | 762 | 635 |
| 2,092 | 2,007 | 2,066 | 1,857 | 1,920 |
| 88,096 | 103,127 | 114,508 | 118,254 | 128,373 |
| \$(160,161) | \$ 49,023 | \$ 249,076 | \$ 169,160 | \$ 162,900 |


|  | 2002 |  | 2003 |  | 2004 | 2005* | 2006* |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| \$ | 64,030 | \$ | 77,009 | \$ | 87,123 | \$ 102,641 | \$ 112,210 |
|  | 4,041 |  | 4,811 |  | 5,032 | 2,087 | 1,483 |
|  | 17,251 |  | 18,560 |  | 19,491 | 10,907 | 12,125 |
|  | 85,322 |  | 100,380 |  | 111,646 | \$ 115,635 | \$ 125,818 |
| \$ | 681 | \$ | 739 | \$ | 796 | \$ 762 | \$ 635 |

EMPLOYEES' RETIREMENT SYSTEM
PRINCIPAL PARTICIPATING EMPLOYERS,
CURRENT YEAR AND ONE YEAR AGO
JUNE 30, 2006

| Participating Government | 2006 |  | 2005* |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Covered <br> Employees | Percentage of Total System | Covered <br> Employees | Percentage of Total System |
| Montgomery County | 5,193 | 96.3\% | 5,427 | 96.4\% |
| Town of Chevy Chase | 5 | 0.1\% | 5 | 0.1\% |
| Strathmore Hall | 7 | 0.1\% | 7 | 0.1\% |
| Housing Opportunities Commission | 157 | 2.9\% | 159 | 2.8\% |
| Revenue Authority | 17 | 0.3\% | 17 | 0.3\% |
| Washington Suburban Transit Commission | 2 | 0.1\% | 2 | 0.1\% |
| State Department of Assessment and Taxation | 5 | 0.1\% | 6 | 0.1\% |
| District Court | 5 | 0.1\% | 5 | 0.1\% |
| Total | 5,391 | $\underline{ }$ | 5,628 | $\underline{ }$ |

*The information for principal participating employers is not available for 2004 and prior.

MONTGOMERY COUNTY, MARYLAND
EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF RETIRED MEMBERS BY BENEFIT TYPE
JUNE 30, 2006

| Fiscal Year | Retiree | Disability | Survivor | Total |
| :---: | ---: | ---: | ---: | ---: |
| 1997 | 2,601 | 623 | 242 | 3,466 |
| 1998 | 2,675 | 648 | 262 | 3,585 |
| 1999 | 2,763 | 694 | 278 | 3,735 |
| 2000 | 2,831 | 734 | 304 | 3,869 |
| 2001 | 2,918 | 759 | 312 | 3,989 |
| 2002 | 3,002 | 783 | 330 | 4,115 |
| 2003 | 3,203 | 817 | 350 | 4,370 |
| 2004 | 3,348 | 851 | 360 | 4,559 |
| $2005^{*}$ | 3,443 | 853 | 369 | 4,665 |
| $2006^{*}$ | 3,564 | 919 | 365 | 4,848 |

[^3]MONTGOMERY COUNTY, MARYLAND
EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF AVERAGE BENEFIT AMOUNTS
JUNE 30, 2006

| Fiscal Year | Retiree | Disability | Survivor | Total |  |
| :---: | :---: | ---: | :---: | :---: | :---: |
| 1997 | $\$ 16,743$ | $\$ 19,804$ | $\$ 10,668$ | $\$ 16,869$ |  |
| 1998 |  | 17,364 | 19,968 | 10,841 | 17,358 |
| 1999 | 17,927 | 19,632 | 11,152 | 17,740 |  |
| 2000 | 18,885 | 20,050 | 10,488 | 18,446 |  |
| 2001 | 20,019 | 21,389 | 12,132 | 19,663 |  |
| 2002 | 21,329 | 22,031 | 12,247 | 20,734 |  |
| 2003 | 24,043 | 22,717 | 13,747 | 22,970 |  |
| 2004 | 26,022 | 22,904 | 13,978 | 24,489 |  |
| $2005^{*}$ | 29,812 | 12,786 | 5,655 | 24,788 |  |
| $2006^{*}$ | 31,484 | 13,193 | 4,063 | 25,953 |  |

* Allocation among retirees, disabilities, and survivors are actual amounts. Allocations for FY 1997-2004 were based on estimates.

MONTGOMERY COUNTY, MARYLAND
EMPLOYEES' RETIREMENT SYSTEM
SCHEDULE OF RETIRED MEMBERS BY TYPE OF RETIREMENT
AS OF JUNE 30, 2006

| Amount of | Number of Retired | Type of Retirement ${ }^{\text {a }}$ |  |  | Option Selected ${ }^{\text {b }}$ |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Monthly Benefit | $\underline{\text { Members }}$ | 1 | 2 | 3 | 1 | 2 | 3 | 4 | 5 | 6 |
| Deferred | 485 |  |  |  |  |  |  |  |  |  |
| \$ 1-\$250 | 203 | 171 | 28 | 4 | 110 | 50 | 28 | 3 | 8 | 4 |
| $251-500$ | 282 | 214 | 62 | 6 | 145 | 73 | 56 | - | 2 | 6 |
| 501-750 | 260 | 203 | 48 | 9 | 129 | 65 | 44 | 5 | 8 | 9 |
| 751-1,000 | 311 | 233 | 52 | 26 | 134 | 76 | 63 | 14 | 7 | 17 |
| 1,001-1,250 | 316 | 243 | 37 | 36 | 141 | 82 | 59 | 8 | 9 | 17 |
| 1,251-1,500 | 277 | 189 | 33 | 55 | 100 | 76 | 55 | 15 | 12 | 19 |
| 1,501-1,750 | 269 | 190 | 24 | 55 | 111 | 72 | 47 | 17 | 3 | 19 |
| 1,751-2,000 | 267 | 188 | 23 | 56 | 90 | 86 | 38 | 19 | 9 | 25 |
| Over 2,000 | 2,663 | 1,933 | 58 | 672 | 865 | 951 | 213 | 227 | 68 | 339 |
| Total | 5,333 | 3,564 | 365 | 919 | 1,825 | 1,531 | 603 | 308 | 126 | 455 |

Notes:
${ }^{a}$ Type of retirement:
1—Retiree
2-Beneficiary
3-Disabled Retiree
${ }^{\mathrm{b}}$ Option selected:
Option 1-Modified Cash Refund
Option 2--Certain and Continuous
Option 3-Life Annuity
Option 4-Joint and Survivor 50\%
Option 5-Joint and Survivor 100\% Option 6-Other Joint and Survivor Percentage

## Retirement Effective Dates

Period 7/1/2000 to 6/30/2001
Average monthly benefit*
Average final valuation pay**
Number of retired members***

Period 7/1/2001 to 6/30/2002

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average monthly benefit* | $\$$ | - | $\$$ | 1,206 | $\$$ | 1,622 | $\$$ | 1,534 | $\$$ | 2,196 | $\$$ | 3,587 | $\$$ |
| Average final valuation pay** | $\$$ | - | $\$ 42,726$ | $\$$ | 52,332 | $\$$ | 59,283 | $\$$ | 58,039 | $\$$ | 72,284 | $\$$ | 67,564 |
| Number of retired members*** |  | - | 7 |  | 22 |  | 24 |  | 28 |  | 58 | 39 |  |

Period 7/1/2002 to 6/30/2003

| Average monthly benefit* | $\$$ | 2,701 | $\$$ | 1,623 | $\$$ | 1,413 | $\$$ | 1,737 | $\$$ | 1,833 | $\$$ | 3,490 | $\$$ |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| 3,750 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Average final valuation pay** | $\$ 44,695$ | $\$$ | 44,840 | $\$$ | 56,082 | $\$$ | 59,937 | $\$$ | 56,253 | $\$$ | 71,048 | $\$$ | 68,955 |
| Number of retired members*** | 1 |  | 7 |  | 29 |  | 35 |  | 28 |  | 91 | 79 |  |

Period 7/1/2003 to 6/30/2004

| Average monthly benefit* | $\$$ | 1,156 | $\$$ | 915 | $\$$ | 1,809 | $\$$ | 1,420 | $\$$ | 2,549 | $\$$ | 3,406 | $\$$ | 4,337 |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average final valuation pay** | $\$ 37,309$ | $\$$ | 45,048 | $\$$ | 55,552 | $\$$ | 60,530 | $\$$ | 65,550 | $\$$ | 65,919 | $\$$ | 72,119 |  |
| Number of retired members*** | 2 |  | 4 |  | 15 |  | 43 |  | 34 |  | 69 | 79 |  |  |

Period 7/1/2004 to 6/30/2005

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average monthly benefit* | $\$$ | 2,521 | $\$$ | 1,984 | $\$$ | 1,479 | $\$$ | 1,870 | $\$$ | 2,573 | $\$$ | 3,371 | $\$$ | 4,392 |
| Average final valuation pay** | $\$ 48,620$ | $\$$ | 50,470 | $\$$ | 59,743 | $\$$ | 63,910 | $\$$ | 64,026 | $\$$ | 72,618 | $\$$ | 75,577 |  |
| Number of retired members*** | 2 | 4 | 21 |  | 37 |  | 23 |  | 35 | 66 |  |  |  |  |

Period 7/1/2005 to 6/30/2006

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| :--- | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: | ---: |
| Average monthly benefit* | $\$$ | 2,491 | $\$$ | 2,801 | $\$$ | 1,752 | $\$$ | 2,356 | $\$$ | 2,928 | $\$$ | 3,649 | $\$$ | 4,594 |
| Average final valuation pay** | $\$$ | 43,375 | $\$$ | 55,641 | $\$$ | 55,619 | $\$$ | 67,299 | $\$$ | 68,683 | $\$$ | 73,731 | $\$$ | 77,143 |
| Number of retired members*** | 2 | 6 |  | 28 |  | 58 |  | 49 |  | 55 | 50 |  |  |  |

* Based on current benefits only. Does not take into account any future benefits.
** Pay used for last valuation (when member was an active employee).
*** Only includes participants who changed from active to retiree status.
Note: Information is not available for periods prior to July 1, 2000.


## SCHEDULE OF PARTICIPATING AGENCIES

## AND POLITICAL SUBDIVISIONS

Montgomery County Revenue Authority
Housing Opportunities Commission of Montgomery County
Town of Chevy Chase
Strathmore Hall Foundation, Inc.
Washington Suburban Transit Commission
Independent Fire/Rescue Corporations
Certain employees of the:
State Department of Assessments and Taxation
District Court of Maryland


[^0]:    *Obligations of the U.S. government or obligations explicitly guaranteed by the U.S. government are not considered to have credit risk and do not have purchase limitations.

[^1]:    * Pooled Funds
    **Without Cash Collateral and Contributions Receivable.

[^2]:    * Allocation among retirees, disabilities, and survivors are actual amounts. Allocations for FY 1997-2004 were based on estimates.

[^3]:    * Allocation among retirees, disabilities, and survivors are actual amounts. Allocations for FY 1997-2004 were based on estimates.

