

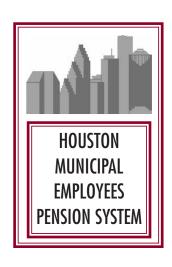


# HOUSTON MUNICIPAL EMPLOYEES PENSION SYSTEM

# COMPREHENSIVE ANNUAL FINANCIAL REPORT FOR THE YEAR ENDED JUNE 30, 2007

PREPARED BY THE PENSION ADMINISTRATION STAFF DAVID L. LONG, EXECUTIVE DIRECTOR

HOUSTON MUNICIPAL EMPLOYEES PENSION SYSTEM 1111 BAGBY, SUITE 2450, HOUSTON, TEXAS 77002-2555 713-595-0100 WWW.HMEPS.ORG



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# Organizational Overview\* (as of June 30, 2007)



Fred Holmes Chairman



Ray Kennedy Vice Chairman



Roderick J. Newman Secretary



Sophia Chang Elected Trustee



Mark Mancuso Elected Trustee



Sherry Mose Elected Trustee



Barbara Chelette Appointed Trustee



Gilbert Garcia Controller Appointee



Richard Badger Council Appointee



Alfred Jackson Council Appointee



Craig T. Mason Mayoral Appointee



David L. Long Executive Director

#### **Board of Trustees**

# **Elected and Appointed Trustees**

Fred Holmes, Chairman
Ray Kennedy, Vice Chairman
Roderick J. Newman, Secretary
Shiou-Huey "Sophia" Chang
Sherry Mose
Mark Mancuso
Barbara Chelette, Appointed

# **City Appointed Trustees**

Richard Badger Gilbert Garcia Alfred Jackson Craig T. Mason

David L. Long, Executive Director

#### **Administrative Organization**

Audit Committee
Budget and Oversight Committee
Disability Committee
External Affairs Committee
Investment Committee
Personnel and Procedures Committee

#### **Executive Director**

#### **Chief Investment Officer**

Investment Managers' Services
Performance Measurement
Market Research

#### **Benefit Administration**

Benefit Administration Services Member Services

Information Systems
General Counsel
Communications
Accounting

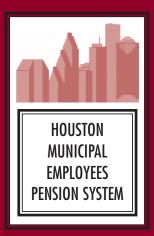
<sup>\*</sup>Information pertaining to investment-related professionals is located on page 7.

# INTRODUCTORY SECTION

LETTER OF TRANSMITTAL

GFOA CERTIFICATE OF ACHIEVEMENT

PROFESSIONAL CONSULTANTS AND INVESTMENT MANAGERS



**Board of Trustees** 

Elected and Appointed Trustees

Fred Holmes, *Chairman*Ray Kennedy, *Vice Chairman*Roderick J. Newman, *Secretary*Shiou-Huey "Sophia" Chang
Mark V. Mancuso
Sherry Mose

Barbara Chelette, Appointed

#### **City Appointed Trustees**

Richard Badger Gilbert Garcia Alfred Jackson Craig T. Mason

David L. Long,

Executive Director

HOUSTON MUNICIPAL EMPLOYEES
PENSION SYSTEM
1111 BAGBY, SUITE 2450
HOUSTON, TEXAS 77002-2555
713-595-0100
FAX 713-650-1961

November 16, 2007

Judy Gray Johnson
Director of Finance and Administration
City of Houston, Texas
P.O. Box 1562
Houston, Texas 77251

Dear Ms. Johnson:

We are pleased to present the Comprehensive Annual Financial Report (CAFR) of the Houston Municipal Employees Pension System (the System), a Component Unit of the City of Houston, Texas (the City) for the fiscal year ended June 30, 2007 (2007). The accuracy, fairness of presentation and completeness of this report are the responsibility of the Board of Trustees (the Board) of the System. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of the operations of the System. The System's basic financial statements will be included in the annual financial report of the City.

# **Accounting System and Internal Controls**

The financial statements have been prepared in accordance with generally accepted accounting principles and presented in accordance with the Governmental Accounting Standards Board (GASB).

The System's independent auditors have audited the financial statements and issued an unqualified opinion as of June 30, 2007 and 2006. The purpose of the audit is to give reasonable assurance to users of those financial statements, the Board, and participants of the System, that the financial statements present fairly, in all material respects, information regarding the System's net assets held in trust for pension benefits and in conformity with accounting principles generally accepted in the United States of America.

A significant responsibility of the Board is to ensure that the System has in place an adequate system of internal controls. A system of internal controls is an entity's plan of organization and all of its coordinated methods and measures adopted to safeguard its assets, ensure the accuracy and reliability of the accounting system and promote adherence to management policies. These controls include strategic design of the entity's business systems, the appropriate segregation of duties and responsibilities, sound practices in the performance of those duties, capable personnel, and the organizational structure itself. We believe the System's internal controls are adequate and are working as designed.

#### **Financial Information**

The Management's Discussion and Analysis (MD&A) that immediately follows the independent auditors' report provides condensed financial information and activities for the current and prior fiscal years of the System. It provides a narrative introduction, overview, and analysis of the basic financial statements. The MD&A complements this letter of transmittal and should be read in conjunction with it.

The Board shall manage the investment program of the System in compliance with all applicable Federal and State statutes and regulations concerning the investment of pension assets. The Board has adopted a Statement of Investment Policies and Objectives (Investment Policy) to set forth the factors involved in the management of investment assets for the System and

that is made part of every investment management agreement. This is discussed in more detail in the Investment Section of this CAFR.

The investment activity of the System provided a total rate of return on the portfolio of 18.6% during the current fiscal year. A summary of asset allocation and rates of return can be found in the Investment Section of this CAFR.

# **Plan History and Profile**

The System was created in 1943 under Chapter 358, Acts of the 48th Texas Legislature, Regular Session, Article 6243g, Vernon's Annotated Revised Texas Civil Statutes, and reenacted and continued under HB1573, 77th Texas Legislature, as Article 6243h, Vernon's Annotated Revised Texas Civil Statutes, as amended (the Statute). The System is a multiple-employer, defined benefit pension plan and includes a contributory group (Group A) and a noncontributory group (Group B). The System provides service retirement, disability retirement and death benefits for eligible participants which covers all municipal employees, except police officers and fire fighters (other than certain police officers in the System as authorized by the Statute), employed full-time by the City, elected City officials, and the full-time employees of the System (collectively referred to as "participants"). System plan net assets are used to pay benefits for eligible participants of Group A and Group B. The System is administered by an eleven-member Board of Trustees. The Trustees include four elected trustees who are members of the System, two elected trustees who are retirees of the System, a trustee appointed by the elected trustees, the mayor's appointee, the controller's appointee, and two city council appointees.

## **Budget**

The costs of administering the System, consisting of operating administrative expenses and capitalized items, are paid by the System from current earnings pursuant to an annual fiscal budget adopted by the Board.

# **Funding Status**

The funded ratio, the ratio of the actuarial value of assets (AVA) to the actuarial accrued liability (AAL), is a standard measure of a plan's funded status. In the absence of benefit improvements, a plan's funded ratio should increase over time, until it reaches 100%. As of July 1, 2006 HMEPS' AVA and AAL were \$1.87 billion and \$2.89 billion, respectively, resulting in a funded ratio of 64.5%. This is slightly lower than the July 1, 2005 Valuation as expected due to the remaining deferred loss from Fiscal Year 2002 and another portion of the deferred loss from Fiscal Year 2003 recognized in the July 1, 2006 Valuation and the actual City contribution of \$67 million in Fiscal Year 2006 being less than the estimated annual required contribution (ARC) for Fiscal Year 2006 of \$119 million (based on the July 1, 2005 Valuation).

A historical perspective of HMEPS' funding levels is presented in the Schedule of Funding Progress in the Required Supplementary Information in the Financial Section of this report.

#### U.S. Economy

In the second half of 2006, a further slowdown in residential construction activity and a contraction in motor vehicle production created a significant drag on economic activity. However, consumer spending held up, and employment rose at a solid pace. Core inflation also eased somewhat, although to a rate above its previous year's level. Against this backdrop, the Federal Open Market Committee (FOMC) left the stance of policy unchanged at its final four meetings of 2006. Committee discussions in those meetings focused in part on developments in the housing market and their implications for the broader economy. Although the housing market was weakening throughout this period, the Committee judged that the downturn had not spilled over significantly to consumer spending. The economy was expected to expand over coming quarters at a rate close to or slightly below its long-run sustainable pace.

The U.S. economy generally performed well in the first half of 2007. Activity continued to increase moderately, on average, over the period; businesses added jobs at a steady pace and the unemployment rate remained at 4.5%. Overall inflation, however, picked up as a result of sizable increases in energy and food prices. At the same time, core inflation (which excludes the direct effects of movements in energy and food prices) held at about the same rate as in 2006.

Economic activity should strengthen gradually into 2008. The ongoing correction in the housing market seems likely to continue to weigh on the rate of economic expansion over the near term. But as that process runs its course, the rate of growth of

economic activity should move up somewhat. The pace of consumer spending may be restrained in the near term as house-holds continue to adjust to the latest run-up in energy prices and to softer house prices. Still, household balance sheets are generally in good shape, and increases in employment and real wages over the next year and a half should be sufficient to sustain further gains in spending. Regarding business investment, solid gains in real outlays on equipment and software seem likely in light of the anticipated expansion in business output, continuing strong profits, and generally favorable financial conditions. Opportunities to realize significant gains in efficiency by investing in high-tech equipment should provide ongoing support to equipment spending as well.

Investment in nonresidential buildings also seems to be expanding briskly. In addition, prospects are favorable for continued increases in demand for exports of U.S. goods and services. FOMC participants generally expect core inflation to edge down modestly over the next year and a half and believe that the current environment will be conducive to some further moderation in underlying price pressures. The FOMC participants' forecasts for real activity imply a slight easing over the next several quarters of the tightness in labor and product markets. And although core inflation is expected to remain under some upward pressure in the near term from the pass-through of the increases to date in the prices of energy and other commodities, those cost pressures should subsequently wane. Accordingly, with long-run inflation expectations contained, diminished cost pressures should result in some moderation in core inflation.

# **Global Economy**

Growth of real gross domestic product (GDP) in the euro area moved down to 2.75% in the first quarter after posting growth of 3.25% over the four quarters of 2006. Although export growth moderated from its strong performance of 2006, recovery of domestic demand appears to have taken firmer hold, as investment accelerated in the first quarter. Private consumption in Germany had been muted earlier this year, partly because of a hike in the value-added tax at the start of the year, but lately retail sales in Germany and the euro area more broadly have picked up.

Household consumption rose at a robust rate of about 3%, and real exports increased almost 14%. Investment growth slowed, although recent surveys report that businesses are optimistic about the outlook. The labor market in Japan improved further in the first five months of the year. Its unemployment rate fell below 4%, and the ratio of job offers to applicants remained elevated. Despite the strong growth of output and improved labor markets, consumer prices were largely unchanged on a twelve-month basis in May; the GDP deflator has continued to fall, though, during the period. Core consumer prices have shown small twelve-month declines over the past several months, and wages have declined relative to their previous year levels.

# **Major Current and Future Initiatives**

Fiscal Year 2007 initiatives continued to emphasize improved information technology. The Administration Information System (AIS), HMEPS' proprietary system for participant data, continues to undergo upgrades including the further development of the web-based pension calculator, and the development of the *Access*HMEPS online service for DROP participants. HMEPS' website also had continual improvements to facilitate ease-of-use.

During the year, the HMEPS' benefits division, in conjunction with the communications division, conducted numerous onsite field meetings and pre-retirement seminars. These meetings involved HMEPS staff members making presentations at the City's numerous Departments on various pension subjects including benefits programs, qualifications for retirement, plan changes and answering questions directly from members.

On June 27, 2007 the Fourth Amendment to Meet and Confer Agreement was approved by and between the Board and the City of Houston, Texas. Some of the salient provisions of the Agreement are listed in the Notes to Basic Financial Statements under Note 11.

# Certificate of Achievement for Excellence in Financial Reporting

The Government Finance Officers Association (GFOA) of the United States and Canada awarded its "Certificate of Achievement for Excellence in Financial Reporting" to the System for its Comprehensive Annual Financial Report for the fiscal year ended June 30, 2006. The Certificate of Achievement is the highest form of recognition in the area of governmental

accounting and financial reporting, and its attainment represents a significant accomplishment by a governmental entity and its management. The award and a detailed description thereof are displayed on page 6 in the Introductory Section of this CAFR.

# Acknowledgement

Ined Holmes

This CAFR was prepared through the combined efforts of the System staff and was subject to the scrutiny of the Board. It is intended to provide information to its user that may be a basis for a general understanding of the System.

This CAFR is being forwarded to the City of Houston, the Texas State Pension Review Board, the GFOA, and other interested parties who may from time to time request it.

Sincerely,

Fred Holmes

Chairman

David L. Long

**Executive Director** 

The Government Finance Officers Association of the United States and Canada awarded a "Certificate of Achievement for Excellence in Financial Reporting" to Houston Municipal Employees Pension System for its comprehensive annual financial report for the fiscal year ended June 30, 2006. 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, the contents of which conform to program standards. Such CAFR 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 Houston Municipal Employees Pension System has received a Certificate of Achievement for the last 13 consecutive years (fiscal years ended June 30, 1994 through 2006). We believe our current report continues to conform to the Certificate of Achievement program requirements, and we are submitting it to the GFOA for consideration.

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

Houston Municipal Employees Pension System

Texas

For its Comprehensive Annual Financial Report for the Fiscal Year Ended June 30, 2006

A Certificate of Achievement for Excellence in Financial Reporting is presented by the Government Finance Officers Association of the United States and Canada to government units and public employee retirement systems whose comprehensive annual financial reports (CAFRs) achieve the highest standards in government accounting and financial reporting.

MIT DESCRIPTION OF THE PROPERTY OF THE PROPERT

President

Executive Director

# **Consultants (Fiscal Year 2007)**

Actuary

Gabriel, Roeder, Smith & Company

Auditor

Mir • Fox & Rodriguez, P.C., Certified Public Accountants

**Board Medical Advisor** 

Charles Schuhmacher, M.D.

**Consulting Services** 

Ennis, Knupp & Associates, Inc.

**TCG Solutions** 

**Database Services** 

Pension Benefits Information

Governmental Representation

HillCo Partners, Inc.

Locke, Liddell & Sapp, L.L.P

**Investment Consultants** 

Wilshire Associates, Inc.

Pension Consulting Alliance, Inc.

**Investment Performance Analysis** 

Wilshire Associates, Inc.

State Street Bank and Trust Co.

Legal Counsel

Baker Botts, L.L.P.

Hughes & Luce, L.L.P.

Locke, Liddell & Sapp, L.L.P.

Groom Law Group

Master Custodian/Trustee

State Street Bank and Trust Co.

# **Investment Managers (Fiscal Year 2007)**

Alternative Investments

Adams Street Partners

Angelo, Gordon & Co.

Brera Capital Partners, L.L.C.

Brockway Moran & Partners, Inc.

Goldman, Sachs & Co.

HarbourVest Partners, L.L.C.

J.W. Childs Associates, L.P.

Lexington Partners, Inc.

Matlin Patterson Global Advisors

Oaktree Capital Management

Pacven Walden Management Co., LTD.

Pegasus Investors, L.P.

Pharos Capital Partners, L.L.C.

Platinum Equity Capital Partners

Quantum Energy Partners

Sun Capital Partners, Inc.

The Carlyle Group

The Jordan Company, L.P.

TSG Capital Group, L.L.C.

Domestic Equities

Barclays Global Investors, N.A.

Benchmark Plus Partners, L.L.C.

DePrince, Race & Zollo, Inc.

EARNEST Partners, L.L.C.

Legg Mason Capital Management

Neumeier Investment Counsel, L.L.C.

Profit Investment Management

Russell Investment Group

State Street Global Advisors

Fixed Income

Barclays Global Investors, N.A.

DDJ Capital Management, L.L.C.

Highland Capital Management

Loomis, Sayles & Co.

Smith Graham & Co.

Western Asset Management

Whippoorwill Associates, Inc.

**International Equities** 

Axiom International

Barclays Global Investors, N.A.

Brandes Investment Partners

Real Assets

Aetos Capital

BlackRock, Inc.

CB Richard Ellis Investors

**Crow Holdings** 

Fortress Investment Group, L.L.C.

Global Forest Partners, L.P.

Goldman, Sachs & Co.

**Grove International Partners** 

Lone Star U.S. Acquisitions, L.L.C.

Morgan Stanley Asset Management, Inc.

Olympus Real Estate Corp.

Prudential Strategic Investment Corp.

RREEF America L.L.C.

# FINANCIAL SECTION

INTRODUCTION TO FINANCIAL STATEMENTS

INDEPENDENT AUDITORS' REPORT

MANAGEMENT'S DISCUSSION AND ANALYSIS

STATEMENTS OF PLAN NET ASSETS JUNE 30, 2007 AND 2006

STATEMENTS OF CHANGES IN PLAN NET ASSETS YEARS ENDED JUNE 30, 2007 AND 2006

NOTES TO BASIC FINANCIAL STATEMENTS JUNE 30, 2007 AND 2006

SUPPLEMENTAL INFORMATION

The Audited Financial Statements and the accompanying Independent Auditors' Report included in this CAFR were approved by the System's Board of Trustees (the Board) in its meeting of September 26, 2007.

The audit of the System's financial statements was conducted in accordance with generally accepted auditing standards (GAAS). The Independent Auditors' Report is based on that audit, and it is intended to give reasonable assurance to users of the System's financial statements that those financial statements are free of material misstatement when taken as a whole and that they present fairly the financial position and results of operations of the System at the times and for the periods reported. The audit gives reasonable assurance to the Board and members of the System that the System's assets are adequately safeguarded and that its financial transactions are properly authorized and recorded.

The financial statements provide a comprehensive overview of the financial position of the System as of June 30, 2007 and June 30, 2006 and the results of its operation for the years then ended. The financial statements are presented in conformity with accounting and reporting standards of the Governmental Accounting Standards Board (GASB).

The System is responsible for the accuracy of its financial statements and the completeness and fairness of their presentation. The auditors are responsible for issuing an opinion on those financial statements when taken as a whole.

The financial statements consist of Statements of Plan Net Assets, Statements of Changes in Plan Net Assets, Notes to the Basic Financial Statements, and Supplemental Schedules.

The Statements of Plan Net Assets present the financial position of the System as of the end of the fiscal years reported. They are statements of the System's assets, liabilities, and net assets held in trust for pension benefits.

The Statements of Changes in Plan Net Assets include additions to the System's assets and deductions from them and the increase or decrease in plan net assets. Additions consist of contributions, investment income, and other income. Deductions are benefit payments, fees for professional services and costs of administering the programs of the System. The net of additions and deductions represents the change, for the years presented, in net assets held in trust for pension benefits.

Notes to the basic financial statements contain disclosures required by generally accepted accounting principles and GASB reporting standards. Required disclosures include a summary description of the pension plan, significant accounting policies, information about the System's funding status and progress toward achieving its funding objectives, information about the System's investments and investing activities, and information about the System's commitments.

Supplemental Schedules provide information required by GASB and additional detailed analyses of certain amounts summarized in the basic financial statements.



Member of the American Institute of Certified Public Accountants

#### **INDEPENDENT AUDITORS' REPORT**

Board of Trustees Houston Municipal Employees Pension System:

We have audited the accompanying statements of plan net assets of the Houston Municipal Employees Pension System (the System) as of June 30, 2007 and 2006, and the related statements of changes in plan net assets for the years then ended. These basic financial statements and the schedules referred to below are the responsibility of the System's management. Our responsibility is to express an opinion on these basic financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the basic 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 System's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the basic financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall basic financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the basic financial statements referred to above present fairly, in all material respects, the financial status of the System as of June 30, 2007 and 2006, and the changes in its financial status for the years then ended, in conformity with accounting principles generally accepted in the United States of America.

Management's discussion and analysis (MD&A) and the required supplemental information (schedules 1 and 2) are not a required part of the basic financial statements but is supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the MD&A and required supplemental 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 basic financial statements taken as a whole. The other supplemental information (schedules 3, 4, and 5) are presented for purposes of additional analysis and are not a required part of the System's basic financial statements. This information has been subjected to the auditing procedures applied in our audits of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

Mir Fox! Rodriguez

September 27, 2007

One Riverway, Suite 1900 Houston, TX 77056 Off. 713-622-1120 Fax 713-961-0625

# Management's Discussion and Analysis (Unaudited)

The Board of Trustees (the Board) of the Houston Municipal Employees Pension System (the System) is pleased to provide this overview and analysis of the financial performance and activities of the System for the fiscal years ended June 30, 2007 and 2006. We encourage the readers to consider the information presented here in conjunction with the basic financial statements.

# **OVERVIEW OF THE FINANCIAL STATEMENTS**

The discussion and analysis is intended to serve as an introduction to the System's financial statements. The financial section consists of (1) System's Basic Financial Statements, (2) Notes to Basic Financial Statements, and (3) Supplemental Information.

#### **System's Basic Financial Statements**

There are two basic financial statements presented herewith. The Statements of Plan Net Assets as of June 30, 2007 and 2006 indicate the net assets available to pay future payments and give a snapshot at a particular point in time. The Statements of Changes in Plan Net Assets for the fiscal years ended June 30, 2007 and 2006 provide a view of the fiscal year's additions to and deductions from the System.

#### **Notes to Basic Financial Statements**

The Notes are an integral part of the Basic Financial Statements and provide additional background information that is essential for a complete understanding of the data provided in the System's financial statements. The Notes to the Basic Financial Statements can be found on pages 19 to 32 of this report.

# **Supplemental Information**

The required supplemental information consists of:

Schedule 1 – Schedule of Funding Progress – this provides historical trend information that contributes to the understanding of the changes in the funded status of the System over time. These are calculations made by the System's actuary and they provide actuarial information that contributes to the understanding of the changes in the actuarial funding of and the funded status of the System over a number of years. It should be noted though that actuarial information is based upon assumptions about future events, and therefore, the figures presented are estimates.

**Schedule 2** – Schedule of Employer Contributions – this provides historical trend information of required annual employer contributions and the contributions actually made in relation to this requirement over time.

The other supplemental information consists of:

- Schedule 3 Investment Summary this lists the System's investments by type presented both at cost and fair market value.
- **Schedule 4** Investment Services, Professional Services, and Administration Expenses this provides more information for purposes of more detailed analysis.

**Schedule 5** – Summary of Costs of Investment and Professional Services – this provides more information for purposes of more detailed analysis.

#### **COMPARATIVE FINANCIAL STATEMENTS**

On the following page is a condensed and comparative summary of major classes of Plan Net Assets at fair value.

# FINANCIAL HIGHLIGHTS (In Thousands of Dollars, Unless Otherwise Noted)

The System received \$20,966 and \$21,888 during fiscal years 2007 and 2006, respectively, in employee contributions from about 9,500 Group A active participants. For fiscal years 2007 and 2006, the contributions represent 5% of the employee's qualifying base salary. Total employee contributions decreased by \$922 or 4% in fiscal year 2007 compared

# **COMPARATIVE FINANCIAL STATEMENTS**

Below is a condensed and comparative summary of major classes of Plan Net Assets at fair value. (In Thousands of Dollars)

	June 30,	June 30,	June 30,
<u>Assets</u>	2007	2006	2005
Cash and equivalents	\$ 3,148	2,718	875
Proceeds due on asset sales	14,714	8,326	54,781
Receivables	59,207	45,767	31,161
Note receivable - City of Houston	300,000	300,000	300,000
Investments	2,021,243	1,741,434	1,486,295
Collateral on securities lending	132,467	93,012	95,636
Furniture, fixtures and equipment, net	419	702	828
Total assets	2,531,198	2,191,959	1,969,576
<u>Liabilities</u>			
Amounts due on asset purchases	45,727	36,009	34,247
Accrued liabilities	8,407	10,642	14,842
Collateral on securities lending	132,467	93,012	95,636
Total liabilities	186,601	139,663	144,725
Plan net assets	\$ 2,344,597	2,052,296	1,824,851

Below is a comparative summary of Statements of Changes in Plan Net Assets available for pension benefits. (In Thousands of Dollars)

Additions	Fiscal Year 2007	Fiscal Year 2006	Fiscal Year 2005
Contributions	\$ 91,231	88,856	386,735
Investment and interest income, net	365,105	299,331	200,782
Other income	1,185	385	888
Total additions	457,521	388,572	588,405
<u>Deductions</u>			
Benefits paid	157,716	154,311	175,480
Contribution refunds	1,398	1,037	992
Administration expenses and professional fees	6,106	5,779	5,807
Total deductions	165,220	161,127	182,279
Net increase in plan net assets	292,301	227,445	406,126
Plan net assets, prior year	2,052,296	1,824,851	1,418,725
Plan net assets, current year	\$ 2,344,597	2,052,296	1,824,851

to fiscal year 2006. This decline is attributable to a 73% decline in service purchase contributions and transfers from the Section 457 deferred compensation plan totaling \$347 and \$1,270 for fiscal years 2007 and 2006, respectively. Effective January 1, 2006, conversion of previous Group B service to Group A is no longer permitted.

The City of Houston's (the City) contributions during fiscal years 2007 and 2006 represent the budgeted contributions and the net proceeds received through the issuance of pension obligation bonds as set forth in the Meet and Confer Agreement between the System and the City dated September 15, 2004. During fiscal years 2007 and 2006, the System received cash contributions from the City of \$70,265 and \$66,968 (net of contributions to the replacement benefit plan of \$1,735 and \$1,715 for fiscal years 2007 and 2006, respectively).

• The net investment and interest income of the System was \$365,105 during fiscal year 2007 compared to \$299,331 during fiscal year 2006, which is an increase of \$65,774 or 22% mainly as a result of an increase in unrealized gain on investments. The investment and interest income of the System consists of:

	Fiscal	Fiscal	
	Year	Year	
	2007	2006	Change
Interest	\$ 43,769*	35,197*	8,571
Dividends	15,276	9,128	6,148
Earnings from limited partnerships			
and real estate trusts	25,035	25,592	(557)
Realized gain on investments	136,358	120,955	15,403
Change in unrealized gain on investments	150,820	114,123	36,697
Net proceeds from lending securities	284	419	(135)
Less cost of investment services	(6,437)	(6,083)	(353)
Net investment and interest income	\$ 365,105	299,331	65,774

<sup>\*</sup>The interest income for fiscal years 2007 and 2006 includes accrued interest on the \$300 million note from the City (see note 4).

- Earnings from limited partnerships and real estate trusts slightly decreased from \$25,592 to \$25,035 with a corresponding increase in realized gain on investments of 13%. It is the System's policy to adjust the carrying value of limited partnerships and real estate trusts during their holding period based on the general partner's direction. The total investment gains associated with these holdings consist of realized gains and unrealized appreciation.
- Benefit payments increased slightly to \$157,716 during fiscal year 2007 compared to \$154,311 during fiscal year 2006.
   Normal retirement pension benefits amounted to \$120,362 (6% increase from fiscal year 2006), which accounted for 76% of the total benefit payments for fiscal year 2007. There were 8,452 participants who received benefits for the fiscal year ended 2007 compared to 8,305 participants in 2006. These numbers represent a slight increase of 2% and 3% for the fiscal years 2007 and 2006, respectively.
- Distributions to DROP (Deferred Retirement Option Plan) participants amounted to \$18,758 or 12% of the total benefit payments during fiscal year 2007 compared to 15% of the total during fiscal year 2006. The amount of DROP distributions decreased by 19% in fiscal year 2007. The number of DROP participants decreased to 373 in 2007 compared to 394 in 2006 or a 5% decrease.
- Benefit payments exceeded total employee plus employer cash contributions by \$66,485 during fiscal year 2007 and by \$65,455 during fiscal year 2006.
- Costs of administering the benefit programs of the System, including professional fees, slightly increased to \$6,106 for fiscal year 2007 from \$5,779 for fiscal year 2006, for over 24,000 participants.
- Net assets increased to \$2,344,597, an increase of \$292,301 during fiscal year 2007 compared to an increase of \$227,445 in 2006. Fiscal years 2007 and 2006 reflected the \$300 million note receivable from the City.

#### PERFORMANCE OF INVESTMENT CLASSES

	Investment Return		
	FY 2007	3-Years	5-Years
System's Total Portfolio	18.6%	16.9%	14.4%
Policy Benchmark	20.0%	14.8%	13.0%
Median Public Fund (Wilshire Public Fund Universe)	17.2%	13.0%	12.0%
US Equities	19.4%	12.7%	12.5%
Dow Jones Wilshire 5000 Index	20.5%	12.7%	12.0%
International Equities	29.5%	24.1%	19.8%
MSCI All Country World ex US Index	30.1%	25.0%	19.9%
Fixed Income	9.6%	7.1%	7.8%
Lehman Aggregate Index	6.1%	4.0%	4.5%
Merrill Lynch High Yield Master II Index	11.7%	9.0%	11.8%
Real Estate	20.1%	28.7%	21.2%
NCREIF Property Index	17.2%	18.0%	14.4%
Alternatives	25.4%	22.6%	15.1%
S&P 500 Index + 3.0%	23.6%	14.7%	13.7%
Cash	5.2%	3.8%	2.8%
91- Day T-Bill	5.1%	3.7%	2.7%

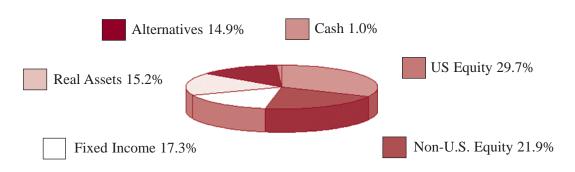
The System capitalizes expenditures for furniture, fixtures and equipment in accordance with Governmental Accounting Standards Board Statement No. 34, Basic Financial Statements - and Management's Discussion and Analysis - for State and Local Governments, as amended. Furniture, fixtures and equipment, net of accumulated depreciation, as of fiscal year end 2007 and 2006 is \$418 and \$702, respectively.

The System's investment portfolio (excluding the \$300 million note from the City) closed its 2007 fiscal year at \$2.02 billion, up from \$1.74 billion at the beginning of the year. The investment return for the total portfolio in the current fiscal year is 18.6%. The System's investment performance, including the total fund, each asset class and their corresponding benchmark(s), for fiscal year 2007 and the trailing three- and five-year periods are listed above.

The System's investment performance is 18.6%, 16.9% and 14.4% for the past one-, three- and five-year periods. These results are above the System's policy benchmark for the trailing three- and five-year periods, but trail the policy benchmark for the one-year period. Relative to its peer group, the System's fund continues to post attractive investment returns. As of June 30, 2007, the System ranks in the top 34th, 3rd and 4th percentiles respectively, for the trailing one-, three- and five-year periods. The best performing asset classes for the fiscal year 2007 were Non-U.S. Equities (+29.5%) and Alternative Investments (+25.4%), while real assets (+36.4%) and Non-U.S. Equities (+30.1%) were the top two performing asset classes for fiscal year 2006. The benefits of a well-diversified asset allocation are evidenced by the System's ability to perform very competitively in both years where different asset classes drove overall returns. For the past three- and five- year periods, real assets, which include public and private real estate and natural resource investments, was the best performing asset class, providing 28.7% and 21.2% per annum. The System's target allocation of 15% to real assets helped enable the investment to perform well in an environment where a more traditional asset allocation (60% / 40% mix of S&P 500 Index / Lehman Aggregate Bond Index) would have returned 14.8%, 8.6% and 8.3% over the trailing one-, three- and five-year periods.

Throughout fiscal year 2007, the System maintained its existing target asset allocation mix of 30% domestic equities, 20% international equities, 20% fixed-income, 15% real assets and 15% alternative investments. However, due to movements in the markets and rebalancing activities directed by staff, it ended fiscal year 2007 with a slight underweight to domestic equity, fixed income and alternative investments, and a slight overweight to international equity and real assets.

# **SYSTEM ASSET ALLOCATION**



The System's securities lending program obtains additional income by lending securities to broker-dealers and banks. During the years ended June 30, 2007 and 2006, the System's custodian lent, at the direction of the Board, the System's securities and received cash, securities issued or guaranteed by the United States government, and irrevocable bank letters of credit as collateral. The Board and the borrowers maintained the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested together with the cash collateral of other qualified tax-exempt plan lenders, in a collective investment pool. On June 30, 2007, the System had no credit risk exposure to borrowers.

The System's investments in limited partnerships and real estate trusts are included in the tables appearing in note 6. In connection with those investments, the System has remaining commitments as of June 30, 2007 and 2006 of approximately \$271 million and \$287 million, respectively, pursuant to terms of the respective limited partnerships and real estate trusts.

#### CONTACTING THE SYSTEM'S FINANCIAL MANAGEMENT

This financial report is designed to provide our participants, business partners, and taxpayers with a general overview of the System's financial activities. If you have questions about this report or need additional financial information, contact the Accounting Manager of the Houston Municipal Employees Pension System at 1111 Bagby, Suite 2450, Houston, Texas 77002.

	2007	2006
Assets		
Investments, at fair value:		
Government securities		
(cost: 2007 \$47,177,842 and \$57,792,081 in 2006)	\$ 48,020,004	57,378,912
Corporate bonds		, ,
(cost: 2007 \$84,630,079 and \$72,032,761 in 2006)	88,502,341	75,568,208
Capital stocks		, ,
(cost: 2007 \$537,602,300 and \$438,954,393 in 2006)	652,858,988	509,384,428
Commingled funds	, ,	, ,
(cost: 2007 \$407,871,324 and \$439,126,450 in 2006)	588,540,704	548,133,295
Limited partnerships, real estate trusts, and loans and mortgages		, ,
(cost: 2007 \$417,564,144 and \$380,797,625 in 2006)	551,969,734	484,670,457
Short-term investment funds (valued at cost)	91,351,681	66,298,270
Total investments	2,021,243,452	1,741,433,570
Cash and cash equivalents	3,148,398	2,718,000
Proceeds due on asset sales	14,714,160	8,326,514
Receivables on foreign exchanges	4,156,155	7,147,170
Note receivable - City of Houston	300,000,000	300,000,000
Accrued interest on note receivable - City of Houston	52,343,253	36,182,428
Other receivables	2,707,564	2,437,319
Collateral on securities lending arrangements, at fair value	132,467,071	93,011,816
Furniture, fixtures and equipment, net	418,576	702,351
Total assets	2,531,198,629	2,191,959,168
<u>Liabilities</u>		
Amounts due on asset purchases	45,727,213	36,008,845
Payables on foreign exchanges	4,158,211	7,139,418
Accrued liabilities	4,203,884	3,401,995
Options written	44,966	101,081
Collateral on securities lending arrangements, at fair value	132,467,071	93,011,816
Total liabilities	186,601,345	139,663,155
Plan net assets held in trust for pension benefits	\$ 2,344,597,284	2,052,296,013

(A schedule of funding progress for the plan is presented on page 34.)

See accompanying notes to basic financial statements.

	2007	2006
Additions to plan net assets:		
Contributions:		
City of Houston	\$ 70,264,721	66,967,596
Participants	20,966,469	21,888,215
Total contributions	91,231,190	88,855,811
Investment income:		
Interest on bonds and deposits	15,923,067	8,632,556
Dividends	15,275,523	9,127,963
Earnings from limited partnerships and real estate trusts	25,034,767	25,592,404
Net appreciation on investments	287,179,126	235,077,959
Total investment income	343,412,483	278,430,882
Proceeds from lending securities	6,726,695	4,859,543
Less costs of securities lending	(6,442,900)	(4,440,517)
Net proceeds from lending securities	283,795	419,026
Less costs of investment services	(6,437,145)	(6,083,426)
Total investment income, net	337,259,133	272,766,482
Interest income - City of Houston note receivable	27,845,681	26,564,784
Other income	1,185,141	385,247
Total additions to plan net assets	457,521,145	388,572,324
Deductions from plan net assets:		
Benefits paid to participants	157,716,433	154,311,129
Contribution refunds to participants	1,397,504	1,037,337
Professional services	882,886	707,467
Administration expenses	5,223,051	5,071,879
Total deductions from plan net assets	165,219,874	161,127,812
Net increase in plan net assets	292,301,271	227,444,512
Plan net assets held in trust for pension benefits:		
Beginning of year	2,052,296,013	1,824,851,501
End of year	\$ 2,344,597,284	2,052,296,013

See accompanying notes to basic financial statements.

## 1. DESCRIPTION OF PLAN

The Houston Municipal Employees Pension System (the System) was created under Chapter 358, Acts of the 48th Texas Legislature, Regular Session, 1943 (Article 6243g, Vernon's Texas Civil Statutes) and reenacted and continued under HB1573, 77th Texas Legislature, Article 6243h, Vernon's Texas Civil Statutes, as amended (the Statute). The System is a multiple-employer defined benefit pension plan covering all municipal employees, except police officers and firefighters (other than certain police officers in the System as authorized by the Statute), employed full time by the City of Houston, Texas (the City), elected City Officials, and the full time employees of the System (collectively referred to as participants). The System includes a contributory group (Group A) and a noncontributory group (Group B) and provides for service, disability and death benefits for eligible participants. System plan net assets are used to pay benefits for eligible participants of Group A and Group B. The System is a local governmental plan and therefore is not subject to the Employee Retirement Income Security Act of 1974. The System is governed by a Board of Trustees (the Board) and can only be amended by an act of the Legislature of the Statue of Texas or by an agreement between the City and the Board pursuant to the Statute.

## **Participation**

Participants hired before September 1, 1981 participate in Group A, unless they elected before December 1, 1981 or after May 1, 1996 to transfer to Group B. Participants hired or rehired after September 1, 1981 but before September 1, 1999, may make a one-time irrevocable election to participate in Group A; otherwise, they participate in Group B. Participants hired or rehired on or after September 1, 1999 participate in Group A; except that Executive Officials of the City and the Executive Director of the System (Executive Officials) participated in Group C. Effective January 1, 2005, the Executive Officials of the City and the Executive Director of the System automatically became Group A members pursuant to the First Amendment to Meet and Confer Agreement, dated December 21, 2004.

At July 1, 2006, the System's participants consisted of the following:

Retirees and beneficiaries currently receiving benefits	7,780
Former employees - vested but not yet receiving benefits	2,786
Former employees - non-vested	1,849
Vested active participants	7,524
Non-vested active participants	4,621
Total participants	<u>24,560</u>

Participants may no longer elect to convert previous Group B service to Group A after December 31, 2005.

# **Contributions**

For fiscal year 2007 and 2006, covered active Group A participants were required to contribute 5% of their qualifying base salary to the System.

The System's Statute provides that the employer contribution to the System be based on a percentage contribution rate multiplied by the combined eligible salaries paid to participants of Group A and Group B. The percentage contribution rate is based on the results of actuarial valuations made at least every three years, calculated on the basis of an acceptable reserve funding method approved by the Board. Notwithstanding any other provision, the City's minimum percentage contribution rate may not be less than the greater of two times the contribution rate of Group A participants, or 10%. However, under the terms of the Meet and Confer Agreement between the Board and the City, dated September 15, 2004, the City agreed to provide funding to the System as follows for the fiscal years 2005, 2006 and 2007, comprised of budgeted contributions and net proceeds of pension obligation bonds as follows (on a cash basis):

	Budgeted Contributions	Pension Obligation Bonds
Fiscal year 2005	\$33 million	\$33 million
Fiscal year 2006	\$36 million	\$33 million
Fiscal year 2007	\$39 million	\$33 million

## **Retirement Eligibility**

Effective January 1, 2005, a participant who terminates employment with the City or the System is eligible for a normal retirement pension beginning on the member's effective retirement date after the date the member completes at least five years of credited service and attains either:

- (i) 62 years of age, or
- (ii) a combination of years of age and years of credited service, including parts of years, the sum of which equals the number 75, provided the participant is at least 50 years of age, or
- (iii) completed at least 5 years of total credited service and attained any combination of age and credited service that when added together equal 70 or more, provided that the member, prior to January 1, 2005, completed at least 5 years of credited service and attained a combination of age and credited service that when added together equal 68 or more.

#### **Pension Benefits**

Pension benefits are based on a participant's average monthly salary and years of credited service, as defined in the Statute. The maximum pension benefit is 90% of the participant's average monthly salary.

Pension benefits are increased annually by a Cost of Living Adjustment (COLA) equal to 3% of the original benefit amount, not compounded, for all persons receiving a pension or survivor benefit as of January 1 of the year in which the increase is made, provided the person receiving the pension was an employee on or before December 31, 2004, and the person receiving the survivor benefit is an eligible survivor of a person who was an employee on or before December 31, 2004.

Effective January 1, 2005, pension and survivor benefits for all retirees and eligible survivors are increased annually by 2%, not compounded, for all persons receiving a pension or survivor benefit as of January 1 of the year in which the increase is made, provided the person receiving the pension was hired or rehired on or after January 1, 2005. Retirees who received a 3% COLA and who are rehired on or after January 1, 2005 receive a 3% COLA on the subsequent benefit.

A participant who is eligible to receive a deferred benefit may elect to receive his or her pension benefit in an early lump sum distribution if the actuarial present value of the participant's benefit is less than \$20,000 as of the later of September 1, 1995 or the date of termination. Early lump-sum distributions are subject to approval by the Board.

#### **Disability Benefits**

Service-connected disability benefits for covered participants are based on the participant's normal accrued benefit, but are not less than 20% of the participant's final monthly salary. There is no minimum credited service requirement to qualify for service-connected disability benefits.

Participants with at least five years of credited service who become disabled may qualify for a non-service connected disability allowance equal to the participant's normal accrued pension benefit.

#### **Survivor Benefits**

Survivor benefits are provided for a participant's surviving spouse and/or dependent children. A deceased participant must have had at least five years of credited service at the time of his or her death to qualify for survivor benefits unless death was caused by a service-connected incident as defined by the Statute.

In order to qualify for survivor benefits, a surviving spouse must have been married to the deceased participant at the time the participant's employment with the City or System was terminated and at the time of the participant's death. To qualify for benefits, a child must be the natural, or legally adopted, dependent child of the deceased participant at the time of the participant.

ipant's death and (a) must be under age 21 and never have been married, or (b) have been totally and permanently disabled before age 18 and at the time of the participant's death and never have been married. Dependent benefits are payable to the legal guardian of the dependent(s) unless the dependent is at least 18 years of age and the Board approves payment to the dependent.

## **Deferred Retirement Option Plan**

A participant who is eligible to retire, except that he or she has not retired and remains a full-time employee of the City, or the System, or has been separated from service for not more than thirty calendar days, may elect to participate in the Deferred Retirement Option Plan (DROP). The DROP provides that a monthly amount (monthly DROP credit) will be credited to a notional account (DROP Account). Interest is credited to the DROP Account at a rate approved by the Board, compounded at an interval approved by the Board. Beginning January 1, 2005 and continuing for the duration of the 2004 Meet and Confer Agreement, the DROP interest rate will be equal to half the return on the System's investment for the prior fiscal year, with a minimum rate of 2.5% and a maximum rate of 7.5%, compounding currently at daily intervals. The first day of DROP participation is the DROP Entry Date. The day a participant's fully executed DROP election is accepted by the System is the DROP Election Date. Normal pension benefits cease to accrue on DROP Entry Date.

Effective September 1, 1999, the DROP Entry Date may precede DROP Election Date. However, effective January 1, 2005, a participant's election to participate in DROP cannot establish a DROP entry date that occurs prior to the date of the System's receipt of the member's request to participate in DROP. The monthly DROP credit is based on the participant's years of credited service and average monthly salary as of DROP Entry Date, and benefit accrual rates in effect on DROP Election Date.

DROP participation terminates when a DROP participant's employment with the City, or the System, terminates. The balance of the participant's notional DROP account (DROP Benefit) at the time of such termination is an amount equal to the sum of a participant's monthly DROP credits and interest accrued on such amount up to the time the participant's employment terminates. A DROP Benefit is subject to approval by the Board. A DROP participant eligible to receive a DROP Benefit distribution may elect to receive the distribution in a lump-sum, partial distribution, in substantially equal periodic payments over a period of time approved by the Board, or in a combination of a lump-sum followed by substantially equal periodic payments over a period of time approved by the Board until the balance of the DROP Benefit is depleted. The DROP Benefit is not available to a DROP participant until such participant's employment with the City or the System has terminated and the participant has made a DROP distribution election.

#### **Refunds of Participant Contributions**

Group A participants who terminate employment prior to retirement for reasons other than death or disability may request a refund of their accumulated employee contributions, without interest, in lieu of a pension or in the event the participant has fewer than five years of credited service.

# 2. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

# **Basis of presentation**

The accompanying basic financial statements are presented in accordance with generally accepted accounting principles established by the Governmental Accounting Standards Board (GASB), which designates the accounting principles and financial reporting standards applicable to state and local governmental units. The accompanying basic financial statements include solely the accounts of the System, which include all programs, activities and functions relating to the accumulation and investment of the assets and related income necessary to provide the pension benefits required by the governing statutes and amendments thereto.

#### **Basis of Accounting**

The basis of accounting is the method by which revenues and expenses are recognized in the accounts and reported in the basic financial statements. The accompanying basic financial statements are presented on the accrual basis of accounting. Under the accrual basis of accounting, revenues, which include investment and other income, are recognized when they are

earned and collection is reasonably assured, and expenses are recognized when the liability is incurred. Accrued income, when deemed not collectible, is charged to operations. Participant and employer contributions are recognized as revenues in the period in which they are due pursuant to formal commitments. Benefits and refunds are recognized when due and payable in accordance with the terms of the Statute.

## **Reporting Entity**

The System is a component unit of the City and its basic financial statements and required supplemental information are included in the City's Comprehensive Annual Financial Report.

#### **Investment Valuation and Income Recognition**

Investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Mortgages are valued on the basis of future principal and interest payments, and are discounted at prevailing interest rates for similar instruments. The fair value of limited partnerships and real estate trusts is based on independent appraisals or recent financial results. Short-term investments are carried at cost, which approximates fair value. Investments that do not have an established market are reported at estimated fair value.

Purchases and sales of investments and forward foreign exchange contracts are recorded on the trade date. Gains or losses on the forward foreign exchange contracts are recognized when the contract is complete.

Dividend income is recorded on the ex-dividend date. Interest and income from other investments are recorded when earned.

Net appreciation on investments represents realized gains and losses on sales of investments during the year and the change in the fair value of investments between years.

# Furniture, Fixtures and Equipment

Furniture, fixtures and equipment are recorded at cost less accumulated depreciation and amortization. Depreciation and amortization expense is computed using the straight-line method over the estimated useful lives of the related assets ranging from three to ten years. Any gain or loss on the retirement of assets is recognized currently. Maintenance and repairs are charged to expense while expenditures for improvements greater than or equal to \$5,000 are capitalized.

#### **Compensated Employee Absences**

System employees earn paid leave (vacation and sick leave) based on years of service and may accumulate them subject to certain limitations and paid upon termination or resignation from the System. The amount paid is determined based on the departing employee's regular rate of pay at separation. Compensated employee absences (vacation, compensatory time off, annual leave and sick leave) are accrued as an expense and liability in the statement of plan net assets at their most current rate. This balance as of fiscal year 2007 and 2006 was not material.

# **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities at the date of the basic financial statements and the reported amounts of additions and deductions during the reporting period. Accordingly, actual results could differ from those estimates.

#### **Income Tax Status**

The System obtained its latest determination letter on April 23, 2002, in which the Internal Revenue Service stated that the System, as amended on May 11, 2001, is in compliance with the applicable requirements of the Internal Revenue Code. The System has been amended since receiving the determination letter. However, the System's management and Board believe that the System is currently designed and being operated in compliance with the applicable requirements of the Internal Revenue Code.

# **Costs of Administering the System**

The costs of administering the System are paid by the System from current earnings pursuant to an annual fiscal budget adopted by the Board.

## **New Accounting Pronouncements**

GASB Statement No. 45, Accounting and Financial Reporting by Employers for Post Employment Benefits Other than Pensions

This statement establishes the standards for providing employer accounting and financial reporting for other post employment benefits (OPEB). The effective date for OPEB employers extends over three phases based on the state and local government's governmental fund and enterprise fund revenues. For the System, a component unit of the City of Houston, the effective date is for plan years beginning after December 15, 2006. The System is reviewing the impact on the financial statement of this new reporting requirement and intends to implement if applicable on the financial statements for fiscal year 2008.

GASB Statement No. 46, Net Assets Restricted by Enabling Legislation - an Amendment of GASB No. 34

This statement imposes limitations on the use of restricted net assets requiring governments to disclose the portions of total net assets that are restricted by enabling legislation. This does not apply to the System.

GASB Statement No. 47, Accounting for Termination Benefits

This statement provides guidance on accounting and financial reporting for termination benefits. These benefits include incentives for voluntary terminations such as early retirement window programs and involuntary termination benefits, such as severance payments and other arrangements that are in substance termination benefits. The implementation of this provision had no material effect on the System's financial statements in 2007 and 2006.

#### 3. CONTRIBUTIONS AND FUNDING STATUS

Group B participants do not contribute to the System. All other active participants are required to contribute to the System amounts as set forth in the Statute. As of June 30, 2007 and 2006, the participant contribution rate was 5% of a participant's qualifying base salary.

Under the System's Statute, the City's contribution rate shall not be less than the greater of 10% of all participant salaries or two times the rate contributed by Group A participants. The City is required to contribute amounts to the System to provide funding on an actuarial reserve basis for normal cost plus the level of percentages of payroll payments based on its amortization period for the unfunded actuarial liability. However, under the terms of the Meet and Confer Agreement between the System's Board and the City, dated September 15, 2004, the City agreed to provide funding to the System as follows for fiscal years 2005, 2006 and 2007, comprised of budgeted contributions and net proceeds of pension obligation bonds as follows (on a cash basis):

	Budgeted Contributions	Pension Obligation Bonds
Fiscal year 2005	\$33 million	\$33 million
Fiscal year 2006	\$36 million	\$33 million
Fiscal year 2007	\$39 million	\$33 million

In addition, as part of the Meet and Confer Agreement, a pension obligation note (see note 4) of \$300 million was recognized as a contribution from the City during fiscal year 2005.

Under the terms of the Meet and Confer Agreement, if the System's average investment performance for fiscal years 2007 and 2006 is less than 8.25%, then the City and the System will use their best efforts to amend the funding provisions of the Agreement for fiscal year 2007 or enter into a new agreement on funding to increase the City's contributions to the System.

On June 27, 2007, the Fourth Amendment to the Meet and Confer Agreement was signed setting forth the funding commitment to the System for fiscal years beginning July 1, 2007 up to July 1, 2010 as follows:

	Budgeted Contributions
Fiscal year 2008	\$75.0 million
Fiscal year 2009	\$78.5 million
Fiscal year 2010	\$83.5 million
Fiscal year 2011	\$88.5 million

The actuarially determined Annual Required Contribution (ARC) for fiscal year 2007 was calculated in the July 1, 2005 actuarial valuation at 24.10% of covered payroll as shown in the July 1, 2006 Valuation Report. The July 1, 2006 actuarial valuation used the following significant assumptions:

Investment rate of return 8.5%, net of expenses

Salary increases Graded rates based on years of service

Payroll growth factor 3.0% per year General inflation rate 3.0% per year

Life expectancy 1994 Uninsured Pensioners Mortality Tables

DROP participation rate 90% at first eligibility

Although the City and participants have contributed the amounts as required under the Statute, the actual contributions made by the City have been less than the ARC for fiscal years 2007 and 2006.

The funded ratio is a standard measure of a plan's funded status representing the ratio of the actuarial value of assets to the actuarial accrued liability. The funded ratio as of July 1, 2006 is 64.5%, which includes the \$300 million note contributed by the City. This is slightly lower than the funded ratio in 2005 which is 65.2%. This small decrease is the result of recognizing the remaining deferred losses from prior fiscal years and the actual City cash contribution being less than the estimated ARC for fiscal year 2006. The City is responsible for funding the deficiency, if any, between the amount available to pay the System's benefits and the amount required to pay such benefits.

Historical trend information is provided as required supplementary information on page 34. This historical information is intended to demonstrate the progress the System has made in accumulating sufficient assets to pay benefits when due and the related actuarial assumptions used in determining the actuarially determined amounts.

# 4. NOTE RECEIVABLE - CITY OF HOUSTON

As part of the Meet and Confer Agreement and to improve the System's long-term funding outlook, on November 10, 2004, the City issued the System a \$300 million pension obligation note (the Note), secured in part by a deed of trust on the Convention Center Hotel adjacent to the George R. Brown Convention Center (the Hotel). The Note will mature on December 1, 2033. For the initial period through March 31, 2005, the Note had an interest rate of 8.5%. Thereafter, the interest rate adjusts annually effective as of April 1 of each year to be the greater of 8.5% or the sum of the U.S. Treasury bond yield on the prior March 31 for the maturity date closest to December 1, 2033 plus 3.2%, less a reduction for adjustments beginning in 2015 to reflect market reductions, if any, in yield spreads to maturity for comparable instruments.

Interest is payable beginning on October 1, 2005 and each October 1 thereafter. Payment of interest may be deferred provided that the aggregate balance of the deferred interest on the Note at any time shall not exceed the sum of \$150 million plus, beginning after the 2014 true-up appraisal of the Hotel, 75% of the amount by which the most recent appraised value of the Hotel exceeds \$300 million. All deferred interest will be due no later than December 1, 2033 and will bear interest from the date of deferral until time of payment at the interest rate determined for the Note, compounded annually.

The total interest receivable related to this Note as of June 30, 2007 and 2006 is \$52,343,253 and \$36,182,428, respectively. The System recognized interest income in connection with this Note of \$27,845,681 and \$26,564,784 for fiscal years 2007 and 2006, respectively.

#### 5. DEFERRED COMPENSATION PLAN

The System offers its employees a deferred compensation plan (the DCP) created in accordance with Internal Revenue Code Section 457. The DCP, available to all employees of the System, permits employees to defer a portion of their salary until future years. Distributions from the DCP are not available to employees until termination, retirement, death or unforeseeable emergency. The DCP authorizes loans under certain conditions. The DCP has a third party administrator, Great-West Retirement Services (Great-West), and the cost of administration and funding are borne by the DCP participants. Amounts deferred are held in trust by Great-West and, since the System has no fiduciary responsibility for the DCP, these amounts are not reflected in the accompanying financial statements in accordance with GASB Statement No. 32.

#### 6. INVESTMENTS

Portions of the System's investments are classified as security investments. A security is a transferable financial instrument that evidences ownership or creditorship. Investments in commingled funds, limited partnerships, real estate trusts, and loans and mortgages are investments that are evidenced by contracts rather than securities.

The fair values of the System's investments at June 30 are presented by type, as follows:

<u>2007</u>	<u>2006</u>
\$ 48,020,004	57,378,912
88,502,341	75,568,208
652,858,988	509,384,428
588,540,704	548,133,295
551,969,734	484,670,457
91,351,681	66,298,270
\$ 2,021,243,452	1,741,433,570
	\$ 48,020,004 88,502,341 652,858,988 588,540,704 551,969,734 91,351,681

The System's Board, in accordance with the power and authority conferred under the Texas Statutes, employed State Street Bank and Trust Company (Custodian) as custodian of the assets of the System, and in said capacity, the Custodian shall be a fiduciary of the System's assets with respect to its discretionary duties including safekeeping the System's assets. The Custodian shall establish and maintain a custodial account to hold, or direct its agents to hold, for the account of the System all assets that the Board shall from time to time deposit with the Custodian. All right, title and interest in and to the System's assets shall at all times be vested in the System's Board.

In holding all System assets, the Custodian shall act with the same care, skill, prudence and diligence under the prevailing circumstances that a prudent person acting in like capacity and familiar with matters of this type would use in the conduct of an enterprise with a like character and with like aims. Further, the Custodian shall hold, manage and administer the System's assets for the exclusive purpose of providing the benefits to the members and the qualified survivors of the System.

The Board shall manage the investment program of the System in compliance with all applicable Federal and state statutes and regulations concerning the investment of pension assets. The Board has adopted a Statement of Investment Policies and Objectives (Investment Policy) to set forth the factors involved in the management of investment assets for the System and is made part of every investment management agreement.

## **Custodial Credit Risk**

For an investment, 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 investment or collateral securities that are in the possession of an outside party. Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the System, and are held by either the counterparty or the counterparty's trust department or agent but not in the System's name. At June 30, 2007, the System's investments that were not subject to custodial credit risk were the investments in U.S. government securities and corporate bonds as they are registered in the name of the System and held in possession of the Custodian.

#### **Concentration of Credit Risk**

The allocation of assets among various asset classes are set by the Board. For major asset classes (e.g., U.S. equity, international equity, fixed income, real assets, and alternative investments), the System will further diversify by employing managers with demonstrated skills in complementary areas of expertise. The managers retained will utilize varied investment approaches, but, when combined will exhibit characteristics that are similar, but not identical, to the asset class proxy utilized in the strategic asset allocation plan. The Investment Policy of the System provides that no investment manager shall have more than 15% (at market value) of the System's assets in one investment style offered by the firm, with the exception of passive management.

Representative guidelines by type of investment are as follows:

#### U.S. equity managers

- 1. A manager's portfolio shall contain a minimum of twenty-five issues.
- 2. No more than 5% of the manager's portfolio at market shall be invested in ADR's.
- 3. No individual holding in a manager's portfolio may constitute more than 5% of the outstanding shares of an issuer.
- 4. No individual holding may constitute more than 5% of a manager's portfolio at cost or 10% at market.
- 5. Short sales, purchases on margin, non-negotiable or otherwise restricted securities are prohibited, other than where expressly permitted.
- 6. While there are no restrictions on cash, a manager must notify the System if the cash position exceeds 10%.

#### International equity managers

- 1. Not more than 5% at cost and 10% at market value of a manager's portfolio shall be invested in the securities of any one issuer.
- 2. Not more than 30% of the assets of a manager's portfolio (at market value) shall be invested in any one country with the exception of Japan.
- 3. While there are no restrictions on cash, a manager must notify the System if the cash position exceeds 10%.
- 4. Currency forwards and futures will be limited as follows:
  - a. Limits on net forward and future sales of currencies will be addressed in each manager's respective Guidelines and Objectives,
  - b. Forward and future exchange contracts of any currencies, other than Yen, Sterling and Euro shall be limited to the manager's underlying equity position in the local market,
- c. Foreign exchange contracts with a maturity exceeding 12 months are prohibited, and
- d. Currency options may be entered into in lieu of or in conjunction with forward sales of currencies. The same effective limitations specified in (a) through (c) above will apply to currency options.

#### Fixed income managers

1. No more than 10% of a manager's portfolio at market shall be invested in the securities of any single issuer, with the exception of the U.S. government and its agencies.

2. No individual holding in a manager's portfolio shall constitute more than 10% of the market value of an issue.

Global opportunistic fixed income/high yield managers

1. No more than 5% at cost and 10% at market value of a manager's portfolio shall be invested in the securities of any single issuer, with the exception of the U.S. government and its agencies.

There is no security issued by a single issuer that is being held with market value over 5% of the System's plan net assets as of June 30, 2007 and June 30, 2006.

#### **Interest Rate Risk**

The System invests in fixed income securities including, but not limited to, investments representing instruments with an obligated fixed rate of interest including public and private debentures, mortgages, investments in life insurance general accounts and guaranteed investment contracts, with maturities greater than one year, and options/futures. Instruments may have an investment grade or non-investment grade rating. Purchases and sales, investment selection and implementation of investment strategies are delegated to the discretion of the investment manager, subject to compliance with its management agreement and the Investment Policy.

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of the investment. This risk is managed within the portfolios using the effective duration or option-adjusted methodology. The System's investment policies require that the portfolio shall maintain a duration within +/- 20% of the Lehman Aggregate Bond index; and maintain a credit quality weighted average of AA-, or equivalent. Duration is a measure of a debt investment's exposure to fair value changes arising from changes in interest rates. It uses the present value of cash flows, weighted for those cash flows as a percentage of the investment's full price. 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 is the measure of a bond price's sensitivity to a 100-basis point change in interest rates. The duration of the System's debt securities are managed by the active managers.

At June 30, 2007, the following table shows the System's investments by type, amount and the effective duration rate calculated using the software Wilshire Axiom.

	Effective			
	<u>Duration</u>	<u>Domestic</u>	<u>International</u>	Fair Value
Collateralized mortgage obligations	5.06	\$ 9,601,169		9,601,169
Convertible bonds	4.77	7,395,856	690,375	8,086,231
Corporate bonds	7.04	53,147,034		53,147,034
Corporate bonds (International)	6.32		9,886,176	9,886,176
GNMA/FNMA/FHLMC (Sponsored Agencies)	5.01	28,685,716		28,685,716
Government issues (United States)	6.29	14,426,495		14,426,495
Government issues (International)	11.76		4,907,792	4,907,792
Misc. receivable (auto/credit card)	0.18	1,352,358		1,352,358
Option - futures		44,966		44,966
Other asset backed	3.14	6,048,755	335,653	6,384,408
	6.22	\$ 120,702,349	15,819,996	136,522,345

#### **Credit Risk**

The quality ratings of investments in fixed income securities are set forth in the Investment Policy as follows:

- All issues purchased must be of investment grade quality Baa (Moody's) or BBB (S&P) unless expressly authorized by the Board, in which case a minimum B rating shall apply, with a maximum limit of non-investment grade credits of 20% at market.
- 2. For global opportunistic fixed income/high yield securities, more than 50% of a manager's portfolio at market shall be

invested in non-investment grade fixed income securities, i.e. those with ratings of BA1 (Moody's), BB+ (Standard & Poor's), or lower, or unrated bonds, including but not limited to corporate bonds, convertible bonds, and preferred stocks.

The quality ratings of investments in fixed income securities as described by nationally recognized statistical rating organizations at June 30, 2007 are as follows:

Quality Rating	СМО	Convertible Bonds	Corporate Bonds	Sponsored Agencies	Government Issues (Int'l)	Other	Other Asset Backed	Bond Unit	Grand Total Fair Value o	-
AAA	\$8,252,316			28,685,716	4,907,792	709,558	2,493,986		\$45,049,368	33.00%
AA			731,984					112,357	844,341	0.62%
AA+			179,612						179,612	0.13%
AA-			493,011						493,011	0.36%
A			377,846						377,846	0.28%
A+			824,977						824,977	0.60%
A-			2,402,842				79,294		2,482,136	1.82%
BBB			3,713,383			642,800			4,356,183	3.19%
BBB+			4,362,385				410,681		4,773,066	3.50%
BBB-			2,724,702				500,946		3,225,648	2.36%
BB		206,438	8,256,636				763,675		9,226,749	6.76%
BB+			3,746,949				84,660		3,831,609	2.81%
BB-			2,722,126				399,975		3,122,101	2.29%
В		346,736	11,845,595						12,192,331	8.93%
B+			4,714,775						4,714,775	3.45%
B-		2,460,825	4,223,705						6,684,530	4.90%
Below C	168,318	1,286,281	6,936,909						8,391,508	6.15%
Not Rate	d 1,180,535	3,718,560	4,775,773				1,651,191		11,326,059	8.30%
Subtotal	\$9,601,169	8,018,840	63,033,210	28,685,716	4,907,792	1,352,358	6,384,408	112,357	122,095,850	89.43%
Tota	l credit risk d	ebt securities							122,095,850	89.43%
U.S. gov	ernment fixed	l income securi	ities *						14,426,495*	10.57%
Tota	l fixed incom	e securities							\$136,522,345	100.00%

<sup>\*</sup>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.

#### Foreign Currency Risk

International securities investment managers are expected to maintain diversified portfolios by sector and by issuer using the System's Investment Policy.

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment or a deposit. Each investment manager, through the purchase of units in a commingled investment trust fund or international equity mutual fund, establishes investments in international equities. The System has an indirect exposure to foreign currency fluctuation as of June 30, 2007 as follows:

	Fair Value	Percentage
Australian Dollar	\$ 4,650,682	1.9%
Canadian Dollar	9,492,325	3.8%
Danish Krone	589,797	0.2%
Euro Currency	88,957,918	35.7%
Hong Kong Dollar	3,660,785	1.5%
Indonesian Rupiah	4,186,215	1.7%
Japanese Yen	61,866,778	24.8%
Mexican Peso	1,842,313	0.7%
New Zealand Dollar	1,650,292	0.7%
Norwegian Krone	2,093,933	0.8%
Pound Sterling	24,732,921	9.9%
Singapore Dollar	5,570,676	2.2%
South African Rand	1,909,682	0.8%
South Korean Won	10,063,841	4.0%
Swedish Krona	4,275,980	1.7%
Swiss Franc	19,742,954	7.9%
Taiwan Dollar	2,157,936	0.9%
Turkish Lira	1,851,499	0.7%
Total securities subject to foreign currency risk	\$ 249,296,527	100.0%

Schedule 5 on page 37 lists the System's investment and professional service providers.

# **Securities Lending**

State statutes allow the System to participate in securities lending transactions and the Board has authorized its Custodian to lend the System's securities to broker-dealers and banks pursuant to a form of loan agreement. During the years ended June 30, 2007 and 2006, the System's Custodian lent, at the direction of the Board, the System's securities and received cash, securities issued or guaranteed by the United States government, and irrevocable bank letters of credit as collateral. The Custodian does not have the ability to pledge or sell securities delivered for collateral, absent a borrower's default. Borrowers were required to deliver collateral for each loan equal to: (i) in the case of loaned securities denominated in United States dollars or whose primary trading market was located in the United States or sovereign debt issued by foreign governments, 102% of the market value of the loaned securities; and (ii) in the case of loaned securities not denominated in United States dollars or whose primary trading market was not located in the United States, 105% of the market value of the loaned securities.

The Board did not impose any restrictions on the amounts of the loans that the System's Custodian made on its behalf. There were no failures by any borrowers to return loaned securities or pay distributions. Moreover, there were no losses during the year resulting from a default of the borrowers or the Custodian.

During the years ended June 30, 2007 and 2006, the Board and the borrowers maintained the right to terminate all securities lending transactions on demand. The cash collateral received on each loan was invested together with the cash collateral of other qualified tax-exempt plan lenders, in a collective investment pool. As of June 30, 2007 and 2006, such investment pool had an average duration of 58 and 40 days, respectively, and an average expected weighted maturity of 533 and 480 days, respectively. Because the loans were terminable at will, their duration did not generally match the duration of the investments made with cash collateral. On June 30, 2007, the System had no credit risk exposure to borrowers. The collateral held and the fair value of securities on loan as of June 30, 2007, was \$135,375,305 and \$131,761,764, respectively, and \$94,575,802 and \$92,621,030 respectively, as of June 30, 2006.

The fair values of the underlying securities lent as of June 30, are as follows:

	<u>2007</u>	<u>2006</u>
U.S. government securities	\$ 13,476,087	15,896,294
Domestic equity	71,347,541	34,491,583
Domestic fixed income	13,266,087	11,039,256
International equity	33,672,049	31,193,897
	\$ 131,761,764	92,621,030

# **Derivative Investing**

The System's investment managers may invest in derivatives if permitted by the guidelines established by the System's Board of Trustees. Derivatives are generally defined as contracts whose values depend on, or are derived from, the value of an underlying asset, reference rate or index. The investment manager may invest in exchange-traded derivative securities to provide incremental value at the margin and to hedge or reduce risk using Fed funds futures, T-bill futures, 2, 5 and 10-year note futures and options, 30-year bond futures and options, Agency note futures and options and Municipal bond futures and options. No more than 5% of the portfolio will be invested in original futures margin and option premiums, exclusive of any in-the-money portion of the premiums. Short options positions will generally be hedged with cash, cash equivalents, current portfolio security holdings, or other options or futures positions.

# **Covered Call Options**

The System writes covered call options as an investment technique to enhance portfolio returns and to reduce portfolio volatilities. When a call option is sold (written), it obligates the System to deliver stock at a set price for a specific period of time. The System receives premium income for options written, and the value of the options are recorded as a liability due to the obligation to deliver stock. The liability is recorded at the current fair value of the options written. Fair value is the amount that the System would pay to terminate the contracts at the reporting date.

If a call option expires, a gain is realized to the extent of the premium received. If a call option is exercised, the premium received is realized as a gain. A gain or loss is also realized on the underlying security to satisfy the delivery obligation. The System may repurchase a call option written at its discretion when it is favorable to do so. When a contract is repurchased, the liability is reduced and the difference between the premium received and the amount paid to close the contract is realized as a gain or loss.

One of the System's investment managers, Western Asset Management, is permitted to use investment options. Western Asset Management periodically invests in options as a means to manage their portfolio's duration.

At June 30, 2007, the Systems' investments had the following option balances at fair market value:

Options purchased - Calls	\$ 170,244
Options purchased - Puts	12
Options written - Calls	(101,262)
Options written - Puts	( 24,028)
	\$ 44,966

#### **Forward Foreign Exchange Contracts**

A currency forward is a contractual agreement between two parties to pay or receive specific amounts of foreign currency at a future date in exchange for another currency at an agreed upon exchange rate. Forward commitments are not standardized and carry credit risk due to the possible nonperformance by one of the counter parties. The maximum potential loss is the aggregate face value in U.S. dollars at the time the contract was opened; however, the likelihood of such loss is remote. No such losses occurred during fiscal years 2007 and 2006. Forwards are usually traded over-the-counter. These transactions are entered into in order to hedge risks from exposure to foreign currency rate fluctuation and to facilitate trade settlement of foreign security transactions. Forwards carry market risk resulting from adverse fluctuations in foreign exchange rates. Recognition of realized gain or loss depends on whether the currency exchange rate has moved favorable or unfavorable to

the contract holder upon termination of the contract. Prior to termination of the contract, the System records the unrealized currency translation gain or loss based on the applicable forward exchange rates.

### **Mortgage-Backed Securities**

A mortgage-backed security depends on the underlying pool of mortgage loans to provide the cash flow to make principal and interest payments on the security. A decline in interest rates can result in prepayments, which reduces the fair value of the security. If homeowners pay on mortgages longer than anticipated, the cash flows are greater and the return on investment would be higher than anticipated. A collateralized mortgage obligation (CMO) is a mortgage-backed security that is comprised of classes of bonds created by prioritizing the cash flows of the underlying mortgage pool. This redistributes prepayment risk among the various bond classes in the CMO structure.

The System invests in mortgage-backed securities to enhance fixed-income returns. Mortgage-backed securities are subject to credit risk, in that the borrower may be unable to meet its obligations. These securities are also subject to prepayment risk, which is the risk that a payment may be made in excess or in advance of the regularly scheduled principal payment.

### 7. CASH AND CASH EQUIVALENTS

For cash deposits and cash equivalents, custodial credit risk is the risk that in the event of a bank failure, the System's deposits may not be returned to it. The System's deposits are held by the Custodian. As of June 30, 2007 and 2006, the System had fair value bank balances of \$3,317,414 and \$2,826,252, respectively, that are in demand deposit accounts subject to coverage by Federal deposit insurance but not collateralized. The System does not have a deposit policy for custodial credit risk; however, the System's credit risk exposure is mitigated by the financial strength of the banking institution in which the deposits are held.

### 8. FURNITURE, FIXTURES AND EQUIPMENT

Furniture, fixtures and equipment are comprised as follows at June 30:

	<u>2007</u>	<u>2006</u>
Office furniture and equipment	\$ 458,489	458,489
Computer equipment	1,100,255	1,028,760
Leasehold improvements	398,232	398,232
	1,956,976	1,885,481
Less accumulated depreciation and amortization	(1,538,400)	(1,183,130)
	\$ 418,576	702,351

### 9. COMMITMENTS

As described in note 1, certain participants of the System are eligible to receive, upon request, a refund of their accumulated Group A and/or Group C contributions, without interest, upon termination of employment with the City, or System, prior to being eligible for pension benefits. At June 30, 2007 and 2006, aggregate contributions from these eligible participants of the System were approximately \$77,174,000 and \$68,326,000, respectively.

The System's investments in limited partnerships and real estate trusts are included in the table appearing in note 6. In connection with those investments, the System has remaining commitments as of June 30, 2007 and 2006 of approximately \$271,000,000 and \$287,000,000, respectively, pursuant to terms of the respective limited partnerships and real estate trusts.

The System leases office facilities and parking spaces under an operating lease which was originally made on August 1, 1990 and has been amended to the sixth amendment dated August 30, 2002. The sixth amendment to the lease agreement provides an annual base rent of \$15 per square foot of rentable area up to June 30, 2006, increasing to \$21.50 per square foot of rentable area from July 1, 2006 until the end of the lease term on June 30, 2011. The amount of future minimum lease obligations required under this lease are as follows:

Year Ending	
June 30,	
2008	\$ 455,400
2009	455,400
2010	455,400
2011	455,400
	\$ 1,821,600

Additional amounts are assessed for use of common areas, utilities and maintenance. Total rental expense, including these assessments, amounted to approximately \$662,000 and \$499,000 during the years ended June 30, 2007 and 2006, respectively.

### 10. RISKS AND UNCERTAINTIES

The System invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the value of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of plan net assets.

The System's contribution rates are made and the actuarial information included in schedules 1 and 2 are based on certain assumptions pertaining to interest rates, inflation rates and participant demographics, all of which are subject to change. Due to uncertainties inherent in the estimations and assumptions process, it is at least reasonably possible that changes in these estimates and assumptions in the near term could be material to the basic financial statements.

### 11. SUBSEQUENT EVENTS

On June 27, 2007, the Fourth Amendment to Meet and Confer Agreement was approved by and between the Board of Trustees of the System and the City of Houston, Texas pursuant to the statutory authority under the Statute. Some of the salient provisions of the agreement are listed below:

• For the four year period beginning July 1, 2007, the City's required contributions to the System are as follows:

Fiscal Year 2008	\$75.0 million
Fiscal Year 2009	\$78.5 million
Fiscal Year 2010	\$83.5 million
Fiscal Year 2011	\$88.5 million

- Solely for purposes of the July 1, 2007 actuarial valuation, one hundred percent (100%) of all remaining deferred investment experience from fiscal year 2006 and prior will be fully recognized.
- Effective January 1, 2008, new employees participate in a non-contributory group with:
  - no employee contributions,
  - normal retirement eligibility of age 62 and 5 years of credited service,
  - benefit accrual of 1.8% for the first 25 years of credited service, and 1% thereafter,
  - option to elect an actuarially equivalent benefit with a survivor benefit,
  - option to elect an early reduced retirement benefit,
  - option to roll over funds from a section 457(b) plan to purchase an increased benefit.
- A former employee who is rehired as an employee by the City or by the System on or after January 1, 2008 is a member of the group in which the employee participated at the time of the employee's immediately preceding separation from service.
- There is no change in benefits for current members and retirees.

REQUIRED SUPPLEMENTAL INFORMATION

### SCHEDULE 1 — REQUIRED SUPPLEMENTAL INFORMATION

### SCHEDULE OF FUNDING PROGRESS (UNAUDITED) (IN MILLIONS OF DOLLARS)

Actuarial Valuation Date	(1) Actuarial Value of Assets (AVA)	(2) Actuarial Accrued Liability (AAL)	(3) Unfunded (UAAL)	(4) Funded Ratio (1):(2)	(5) Covered Payroll	(6) UAAL as a Percentage of Covered Payroll
07/01/96	\$ 857.3	1,042.5	185.2	82 %	367.6	50 %
07/01/98	1,095.6	1,240.1	144.5	88 %	397.7	<b>36</b> %
07/01/99	1,222.2	1,339.9	117.7	91 %	407.7	<b>29</b> %
07/01/00	1,376.0	1,509.4	133.4	91 %	432.6	31 %
07/01/01	1,490.2	1,955.8	465.6	<b>76</b> %	418.0	111 %
07/01/02	1,519.7	2,515.2	995.5	60 %	399.8	249 %
07/01/03	1,510.3	3,278.2	1,767.9	46 %	390.3	453 %
07/01/04	1,501.2	2,633.8	1,132.6	57 %	366.2	309 %
07/01/05	1,777.6	2,725.2	947.6	<b>65</b> %	404.6	234 %
07/01/06	1,867.3	2,894.3	1,027.0	64 %	422.5	243 %

Analysis of the dollar amounts of the actuarial value of assets, actuarial accrued liability, and unfunded actuarial accrued liability in isolation can be misleading. Expressing the actuarial value of 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 plan is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the plan. Trends in unfunded actuarial accrued liability and covered payroll are both affected by inflation. Expressing the unfunded actuarial accrued liability as a percentage of 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 plan.

See accompanying independent auditors' report.

See accompanying note to required supplemental schedules.

### SCHEDULE 2 — REQUIRED SUPPLEMENTAL INFORMATION

### SCHEDULE OF EMPLOYER CONTRIBUTIONS (UNAUDITED)

Fiscal Year	Actuarial Valuation Date	Annual Required Contributions (in millions)*	Percentage Contributed
06/30/97	07/01/95	\$ 34.5	100.0 %
06/30/98	07/01/96	35.3	100.0 %
06/30/99	07/01/96	36.0	100.0 %
06/30/00	07/01/98	38.3	100.0 %
06/30/01	07/01/99	41.3	100.0 %
06/30/02	07/01/00	40.8	100.0 %
06/30/03	07/01/01	71.9	56.5 %
06/30/04	07/01/02	123.9	46.0 %
06/30/05	07/01/03	102.9	61.0 % **
06/30/06	07/01/05	119.1	56.2 %
06/30/07	07/01/06	101.8	69.0 %

<sup>\*</sup> The required contributions are calculated based on actuarially determined contribution rates. Actuarial valuations generally are performed annually. The contribution rate, which is based on a given actuarial valuation and approved by the Board, becomes effective one year after the valuation date.

See accompanying independent auditors' report.

See accompanying note to required supplemental schedules.

<sup>\*\*</sup> Includes only actual cash contributions received. Does not include the \$300 million pension obligation note (see note 4).

### NOTES TO REQUIRED SUPPLEMENTAL SCHEDULES 1 and 2 (UNAUDITED)

This information presented in the required supplemental information was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation follows:

Valuation date July 1, 2006
Actuarial cost method Entry Age Normal
Amortization method Level percentage, open
Amortization period Rolling 30 year period ending

June 30, 2036

Asset valuation method 5-year smoothed market

**Actuarial assumptions:** 

Investment rate of return 8.5%, net of expenses

Salary increases Graded rates based on years of service

Payroll growth factor 3.0% per year
General inflation rate 3.0% per year
DROP participation rate 90% at first eligibility
DROP interest credit 4.25% per year

Mortality rates Based on 1994 Uninsured Pensioners Mortality Table (healthy

participants); 1965 Railroad Retirement Board Disabled Life Table

(disabled participants)

See accompanying independent auditor's report.

SCHEDULE 3
INVESTMENT SUMMARY JUNE 30, 2007 and 2006

		June 30, 2007			June 30, 2006			
	Cost	Fair Value	Unrealized Appreciation (Depreciation)	Cost	Fair Value	Unrealized Appreciation (Depreciation)		
Fixed income:								
Government securities	\$ 47,177,842	48,020,004	842,162	57,792,081	57,378,912	(413,169)		
Corporate bonds	84,630,079	88,502,341	3,872,262	72,032,761	75,568,208	3,535,447		
Total fixed income	131,807,921	136,522,345	4,714,424	129,824,842	132,947,120	3,122,278		
Capital stocks	537,602,300	652,858,988	115,256,688	438,954,393	509,384,428	70,430,035		
Commingled funds	407,871,324	588,540,704	180,669,380	439,126,450	548,133,295	109,006,845		
Limited partnerships, real estate								
trusts and loans and mortgages	417,564,144	551,969,734	134,405,590	380,797,625	484,670,457	103,872,832		
Short-term investment funds	91,351,681	91,351,681		66,298,270	66,298,270			
Total investments	\$ 1,586,197,370	2,021,243,452	435,046,082	1,455,001,580	1,741,433,570	286,431,990		

Space and cost restrictions make it impractical to print the entire investment portfolio in this report. A portfolio listing is available for review at the System's office by appointment, upon request.

See accompanying independent auditors' report.

SCHEDULE 4

### INVESTMENT SERVICES, PROFESSIONAL SERVICES, AND ADMINISTRATION EXPENSES YEARS ENDED JUNE 30, 2007 AND 2006

	2007	2006
Investment services:		
Custodial services	\$ 320,967	420,028
Money management services	5,617,178	5,198,143
Consulting services	499,000	465,255
Total investment services	\$ 6,437,145	6,083,426
Professional services:		
Actuarial services	80,156	50,492
Auditing and consulting services	88,818	101,850
Legal services	650,060	447,285
Other professional services	63,852	107,840
Total professional services	\$ 882,886	707,467
Administration expenses:		
Office costs	668,372	505,851
Insurance costs	141,574	134,120
Costs of staff and benefits	3,332,906	3,393,490
Costs of equipment and supplies	585,587	487,616
Depreciation and amortization	355,270	386,720
Costs of education and research	139,342	164,082
Total administration expenses	\$ 5,223,051	5,071,879

See accompanying independent auditors' report.

SCHEDULE 5

SUMMARY OF COSTS OF INVESTMENT AND PROFESSIONAL SERVICES YEARS ENDED JUNE 30, 2007 AND 2006

Service Provider	Service Provided	2007	2006	
Investment services:				
Barclays Global Investors, N.A.	Money management	\$ 1,261,988	1,130,558	
Axiom Int'l Investors, L.L.C.	Money management	907,106	922,556	
Brandes Investment Partners, LLC	Money management	650,427	600,207	
DePrince, Race and Zollo, Inc.	Money management	492,235	456,848	
Earnest Partners, LLC	Money management	124,732	155/515	
Profit Investment Management	Money management	51,763		
Neumeier Investment Counsel, L.L.C.	Money management	421,672	390,472	
Legg Mason Capital Management, Inc.	Money management	408,205	385,683	
Adams Street Partners	Money management	329,366	342,964	
Loomis, Sayles and Company, L.P.	Money management	316,479	281,660	
DDJ Capital Management, LLC	Money management	227,822	184,753	
		221,022		
Kopp Investment Advisors	Money management	204 505	121,709	
Western Asset Management	Money management	204,585	101,792	
Smith Graham & Company	Money management	92,781	68,747	
Frank Russell Securities	Money management	78,814	66,969	
Global Forest Partners, L.P.	Money management	49,203	47,771	
Golden Tree Asset Management, L.P.	Money management		35,460	
Oechsle International Advisors	Money management		32,211	
L&B Realty Advisors, Inc.	Money management		27,783	
State Street Bank and Trust Company	Custodial services	320,967	420,028	
Willshire Associates, Incorporated	Consulting services	284,000	284,005	
Pension Consulting Alliance	Consulting services	215,000	181,250	
Total investment services		6,437,145	6,083,426	
Professional services:				
Locke, Liddell and Sapp, L.L.P.	Legal services	287,363	288,237	
Baker and Botts, L.L.P.	Legal services	235,162	152,584	
Hughes & Luce LLP	Legal services	6,907		
Mercy*Carter*Tidwell, LLP	Legal services	7,707	5,669	
Schlanger, Mills, Mayer & Silver	Legal services	628	795	
Mir·Fox & Rodriguez, P.C.	Auditing and professional services	85,858	49,407	
HillCo Partners, LLC	Professional services	120,000	107,840	
TCG Solutions	Professional services	13,600	107,040	
Groom Law Group	Professional services	18,985		
Werness Inc.		10,703	21 020	
	Consulting services		21,938	
Gray Associates	Consulting services	01.0/7	17,826	
Ennis, Knupp & Assoc., Inc.	Consulting services	31,267	8,499	
Pension Benefits Information	Consulting services	2,960	4,180	
Gabriel, Roeder, Smith & Co.	Actuarial services	80,156	50,492	
Total professional services		882,886	707,467	
Total costs of investment and professio	nal services	\$ 7,320,031	6,790,893	

See accompanying independent auditors' report.

### **INVESTMENT SECTION**

DISCUSSION OF INVESTMENT POLICIES AND ACTIVITIES
SCHEDULE OF TOP INVESTMENTS (\$000) AS OF JUNE 30, 2007
PERFORMANCE BY FISCAL YEAR LAST TEN YEARS
COMPARISON OF INVESTMENT RETURNS – YEARS ENDED JUNE 30
SCHEDULE OF FEES AND COMMISSIONS

The Board of Trustees (the Board) of the Houston Municipal Employees Pension System (The System) has adopted a Statement of Investment Policies and Objectives (Statement) as a framework for the investment of the System's assets. The authority to amend the Statement rests solely with the Board. The Board may delegate to the Investment Committee (The Committee) the authority to act on certain matters relating to the System's investments. The Committee is made up of the full Board of Trustees. The following provides an outline of the Statement.

### General

The Board recognizes the following investment responsibilities: a) to establish investment policy, guidelines and objectives for the investment of System assets, b) to select independent investment managers to implement management strategies in conformity with stated investment policies and guidelines, and c) to monitor investment activities and progress toward attaining investment objectives.

### **Investment Policies**

### Strategic Asset Allocation Policy and Maintenance

The Board periodically undertakes strategic studies to address the appropriateness of asset classes to be considered for inclusion in the allocation plan, and to define the targeted percentage to each asset class to achieve the desired level of diversification. If market conditions cause one or more asset levels to move significantly outside the targeted range for that class, the Board authorizes appropriate actions to re-balance toward desired diversification levels.

### **Manager Structure Considerations**

For major asset classes (Alternative Investments, Fixed Income, International Equities, Real Assets and U.S. Equities) the Board diversifies investments by engaging the services of professional investment portfolio managers with demonstrated skills and expertise in managing portfolios with characteristics comparable to the desired asset class. The managers retained are expected to utilize varied investment approaches that, when combined, will exhibit characteristics that are similar to the asset class proxy utilized in the strategic asset allocation plan. Cash inflows and outflows are directed, within the targeted asset class, to the various managers so that actual characteristics of the portfolio will be consistent with the strategic plan. No investment manager is permitted to have more than 15% of the fair value of the System's assets in a single investment style.

### **Investment Manager Guidelines and Evaluation**

Investment managers are subject to guidelines and objectives incorporated in the investment management agreement entered into by the Board and the respective investment managers. Investment managers are expected to perform their fiduciary duties as prudent people skilled in such matters and, further, are expected to comply with all applicable State and Federal statutes governing the investment of retirement funds. Within the context of the guidelines, investment managers have full discretion with respect to the purchase and sale of individual securities and concentrations of similar securities. Portfolios are to be managed in a manner similar to other portfolios within an organization with similar guidelines and performance objectives.

The Board requires that all investment managers seek best execution for all trades ordered on behalf of the System. Equity managers are encouraged to direct a designated percentage of their brokerage activity to an approved list of brokers. Fixed income managers are encouraged to direct primary trading activity wherever there is an opportunity to recapture a portion of the syndication costs for the System.

### **Manager Evaluation**

Managers of portfolios are evaluated periodically against predetermined benchmarks such as an appropriate market index or a comparable peer group. All managers are required to make formal reports to HMEPS of their activities and performance according to standards set forth in the Statement. In addition, System personnel and professional consultants engaged by the Board monitor, pursuant to instructions by the Board, managers' performance and conformity with their guidelines and objectives.

TABLE 1

	Alloc	ation	Invest	Investment Performance			
Asset Class	Target	Actual	3 Yrs.	5 Yrs.	10 Yrs.		
Domestic Equity	30.0 %	29.7 %	12.7 %	12.5 %	8.3 %		
Dow JonesWilshire 5000 Index			12.7	12.0	7.7		
S&P 500 Index			11.7	10.7	7.1		
International Equity	20.0	21.9 %	24.1	19.8	9.3		
MSCI All Country Free Ex-US Index			25.0	19.9	8.6		
MSCI EAFE Index			22.7	18.2	8.0		
Fixed Income	20.0	17.3 %	7.1	7.8	6.1		
Lehman Aggregate Index			4.0	4.5	6.0		
Merrill Lynch High Yield Master II Index			9.0	11.7	6.3		
Real Assets	15.0	15.2 %	28.7	21.2	15.3		
NCREIF Index			18.0	14.4	13.0		
Alternative Investments	15.0	14.9 %	22.6	15.1	7.6		
S&P 500 Index + 3.0%			14.7	13.7	10.1		
Cash	0.0	1.0 %					
Total Portfolio			16.9	14.4	9.3		
Policy Benchmark			14.9	13.0	9.1		

### **Performance Evaluation**

The Board reviews System investment performance on a periodic basis to evaluate conformity to the goals and objectives established in the strategic plan. The Board recognizes that financial markets from time to time may not support attainment of those goals and objectives. During such times, progress toward conformity is evaluated by comparing performance to a percentage equal to the weighted average of the performances of indexes and peer groups comparable in class and weight to the styles in the System's investment portfolio.

Investment results were calculated using a time-weighted rate of return based on the market rate of return.

### **Proxy Voting**

The Board authorizes each investment manager to vote all proxies relating to shares of securities under management, and requires each investment manager to provide a written proxy voting policy statement. Each manager is expected to promptly vote all proxies and related actions in a manner consistent with the long-term interests of the System and its participants and beneficiaries. Each investment manager is required to keep detailed records of all voting of proxies and related actions and to comply with all related regulatory obligations. The System's management staff periodically reviews each investment manager's policies and actions in respect to proxy voting.

### **Investment Activities**

During the period covered by this CAFR, investment strategies were employed that are long-term in perspective and designed to work within predefined ranges among asset classes to produce returns that, over market cycles, will exceed the investment return assumption adopted by the Board for actuarial purposes. Diversification provides safeguards against unanticipated market volatility of one or more asset classes. The Chief Investment Officer, Doug Wynkoop, has provided a summary in the above table (Table 1) of the portfolio's actual allocation compared to the targeted allocation.

To facilitate execution of the strategic investment plan, the System engages the services of a master custodian which utilizes a multi-currency reporting system that reports investments at fair value stated in terms of the base currency, the US dollar.

Professional portfolio managers that specialize in a targeted asset class are engaged to perform investment activities within specified guidelines. A nationally recognized institutional investment consulting firm is engaged to provide expert advice to the System in matters pertaining to perceived market conditions and prognosis, portfolio manager selection, and performance measurement and evaluation.

The schedules in this section of this CAFR display information that pertains to the System's investing activities.

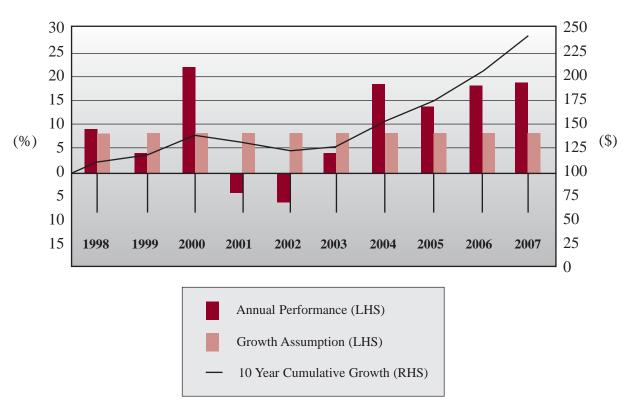
The Investment Section was written by HMEPS' Chief Investment Officer, Doug Wynkoop, and Financial Analyst, Greg Brunt.

### SCHEDULE OF TOP INVESTMENTS AS OF JUNE 30, 2007\*

Name of Investment	Fair Value of Investment	Percent of Portfolio
Barclays Alpha Tilts (Enhanced S&P 500 Index)	\$ 162,779,505	8.2%
Barclays US Bond Index (Lehman Aggregate Index)	153,393,505	7.7%
Barclays Alpha Tilts International (Enhanced MSCI ACW x US Index)	140,289,113	7.0%
Blackrock Energy and Natural Resources Fund	56,982,192	2.9%
Russell Alternative Strategy Fund	56,247,382	2.8%
Pension Obligation Note		
City of Houston Pension Obligation Note	\$ 352,343,253	

<sup>\*</sup> A complete list of the System's holdings is available at the System's office by appointment.

### PERFORMANCE BY FISCAL YEAR LAST TEN YEARS



COMPARISON OF INVESTMENT RETURNS - YEARS ENDED JUNE 30

(calculated based on a time-weighted rate of return based on the market rate of return)

			S&P500	Index	30.13%	22.79%	7.27%	-14.81%	-17.96%	0.25%	19.10%	%18.9	8.63%	20.60%	11.67%	10.71%	7.13%
		HMEPS	Alternative	Investments	-5.37%	-9.95%	77.46%	-15.95%	-18.58%	-3.40%	13.32%	<b>19.96</b> %	22.46%	25.37%	22.58%	15.05%	7.63%
			NCREIF	Index	17.43%	12.80%	11.62%	11.57%	5.51%	7.64%	10.83%	18.02%	18.67%	17.24%	17.98%	14.39%	13.05%
		HMEPS	Real	Assets	3.19%	<b>%81.9</b>	9.73%	26.08%	5.24%	5.84%	15.92%	30.03%	36.39%	20.10%	28.67%	21.19%	15.35%
Merrill	Lynch	High Yield	Master III	Index	11.81%	0.89%	-1.04%	-1.01%	-4.38%	22.24%	10.05%	10.62%	4.71%	11.72%	8.97%	11.73%	<b>6.28</b> %
		Lehman	Aggregate	Index	10.54%	3.14%	4.56%	11.23%	8.64%	10.41%	0.32%	%18.9	-0.81%	<b>6.12</b> %	3.98%	4.48%	6.02%
		HWEPS	Fixed	Income	8.58%	0.52%	8.54%	2.30%	2.34%	13.99%	3.99%	9.17%	2.62%	895.6	7.07%	7.78%	<b>%80</b> '9
		MSCI	EAFE	Index	<b>%80.9</b>	<b>%09</b> .7	17.17%	-23.61%	-9.50%	-6.45%	32.38%	13.64%	26.54%	27.54%	22.74%	18.21%	8.04%
	NSCI	ACW	Free ex	US Index	n/a	n/a	n/a	n/a	-8.16%	-4.19%	32.50%	16.95%	28.40%	30.14%	25.02%	19.93%	8.58%
		HMEPS	lnt'	Equity	4.22%	1.60%	44.02%	-26.31%	-12.10%	-3.76%	34.44%	13.24%	30.14%	29.54%	24.05%	19.83%	9.33%
			S&P 500	Index	30.13%	22.79%	7.27%	-14.81%	-17.96%	0.25%	19.10%	%18.9	8.63%	20.60%	11.67%	10.71%	7.13%
	Dow	Jones	Wilshire 5000	Index	28.87%	19.57%	9.52%	-15.33%	-16.62%	1.27%	21.24%	8.23%	9.92%	20.45%	12.74%	11.96%	<b>%89</b> . <i>L</i>
		HMEPS	Domestic	Equity	18.91%	7.87%	12.14%	-2.00%	-12.78%	3.18%	21.95%	7.94%	11.14%	19.36%	12.71%	12.50%	8.28%
	Median of	Wilshire	Public Fund	Universe	18.40%	%66'6	818.6	-4.84%	-5.85%	4.14%	16.62%	10.23%	11.14%	17.79%	13.03%	11.91%	8.59%
		HMEPS	Total	Fund	%91.6	3.42%	22.92%	-4.08%	<b>%</b> 26.9-	3.55%	18.64%	13.85%	18.11%	18.64%	16.86%	14.41%	9.27%
		Period	ending	06-30	1998	1999	2000	2001	2002	2003	2004	2002	2006	2007	3 Yrs.	5 Yrs.	10 Yrs.

### SCHEDULE OF FEES AND COMMISSIONS PAID IN FISCAL YEAR 2007

	Commissions	Shares	cents/share
UBS Warburg	\$154,378.03	10,307,307	1.50
Citigroup Global Markets Limited	\$86,819.74	11,142,919	0.78
Lehman Brothers Inc.	\$57,509.02	6,207,761	0.93
Credit Suisse First Boston	\$54,523.62	7,722,020	0.71
Cantor Fitzgerald & Co.	\$53,548.15	1,150,335	4.66
Knight Securities	\$48,591.35	2,579,856	1.88
BNY Brokerage Inc.	\$41,998.16	1,054,582	3.98
Merrill Lynch International	\$40,409.48	980,144	4.12
Deutsche Bank Securities Inc.	\$26,426.61	872,801	3.03
JP Morgan Securities Inc.	\$24,504.69	3,081,112	0.80
Goldman Sachs & Co.	\$23,311.14	881,038	2.65
CAPIS	\$22,284.00	627,300	3.55
Morgan Stanley Co. Incorporated	\$20,795.88	1,254,314	1.66
Bear Stearns & Co. Inc	\$18,054.06	496,521	3.64
ABN Amro Securities (USA) Inc	\$17,371.53	2,832,575	0.61
Charles Schwab Co. Inc.	\$16,454.90	52,800	31.16
Pershing DLJ S L	\$16,369.37	635,439	2.58
Credit Lyonnais Securities	\$13,816.51	4,170,052	0.33
Wein Securities Corp.	\$13,336.50	369,600	3.61
Jefferies & Company Inc.	\$13,055.06	310,446	4.21
Enskilda Securities AB	\$12,716.47	947,454	1.34
Cazenove & Co.	\$11,486.90	1,987,460	0.58
Dresdner Kleinwort Wasserstein Sec LLC	\$11,280.15	319,788	3.53
Instinet	\$10,588.50	254,223	4.17
ABG Securities	\$10,011.10	1,583,390	0.63
Kepler Equities	\$9,344.16	77,893	12.00
Banc of America LLC	\$8,737.00	273,800	3.19
Societe General Bank and Trust	\$8,529.46	177,955	4.79
Stephens, Inc.	\$7,872.00	196,800	4.00
Nesbitt Burns	\$7,836.21	294,044	2.66
Nomura Securities International Inc.	\$7,750.82	266,057	2.91
Macquarie Securities Limited	\$7,729.96	992,739	0.78
Mizuho Securities USA Inc.	\$7,093.91	73,414	9.66
Baird, Robert W., & Company Incorporated	\$6,500.00	158,100	4.11
Carnegie AS	\$6,482.47	149,026	4.35
Davy (J&E)	\$6,055.42	202,200	2.99
Salomon Smith Barney	\$5,713.54	36,466	15.67
ATA Securities Inc.	\$5,512.77	313,400	1.76
Kempen & Co. NV	\$4,958.92	116,000	4.27
Goodbody Stockbrokers	\$4,651.73	122,500	3.80
ESN North America Inc.	\$4,256.60	120,701	3.53
McDonald and Company Securities, Inc.	\$4,243.00	89,100	4.76
Daiwa Securities America	\$4,175.11	164,799	2.53
HSBC Securities Inc (James Capel)	\$4,148.28	103,480	4.01
Scotia Capital Inc.	\$3,941.25	89,800	4.39

(continued on following page)

	Commissions	Shares	cents/share
Tokyo-Mitsubishi Securities	\$3,618.17	41,520	8.71
Dongwon Securities	\$3,551.97	49,041	7.24
BNP Paribas Peregrine Securities	\$3,365.86	827,953	0.41
China International Cap Corp HK Secs. Ltd	\$3,313.30	1,957,500	0.17
Lombard Odier and Cie	\$3,203.02	24,879	12.87
Westminster Research Association	\$3,142.50	62,850	5.00
Sidoti & Company LLC	\$3,034.00	64,200	4.73
Bank J Vontobel und Co. AG	\$2,924.09	31,552	9.27
Prudential Equity Group	\$2,843.50	61,900	4.59
John Berenberg Gossler and Co.	\$2,793.46	23,160	12.06
M and B Capital Advisors S.V., S. A.	\$2,663.85	91,600	2.91
Brookview Capital	\$2,580.00	64,500	4.00
Sterne Nicolaus & Co. Inc.	\$2,402.00	60,000	4.00
Weeden & Co.	\$2,398.00	77,400	3.10
Oppenheim, Sal., Jr und cie Koeln	\$2,387.66	16,713	14.29
Raymond James and Associates Inc.	\$2,380.66	88,000	2.71
Fox Pitt Kelton Inc.	\$2,178.65	220,850	0.99
Credit Agricole Indosuez Cheuveux	\$2,051.80	15,830	12.96
Others	\$55,076.43	1,966,704	2.80
TOTAL	\$ 1,051,082.45	71,585,663	1.47

 $<sup>^{\</sup>ast}$  Gross commissions reported for brokers in directed brokerage program.

### **ACTUARIAL SECTION**

ACTUARY'S LETTER TO THE BOARD OF TRUSTEES

**ACTUARIAL CERTIFICATION** 

**EXECUTIVE SUMMARY** 

**ASSET INFORMATION** 

**FUNDING INFORMATION** 

**CONTRIBUTION INFORMATION** 

PARTICIPANT INFORMATION

**INVESTMENT RETURN INFORMATION** 

SUMMARY OF ACTUARIAL ASSUMPTIONS AND METHODS

SUMMARY OF PLAN PROVISIONS

CHANGES IN PLAN PROVISIONS SINCE THE PRIOR YEAR

### Gabriel, Roeder, Smith and Company

January 25, 2007

Board of Trustees Houston Municipal Employees Pension System 1111 Bagby, Suite 2450 Houston, TX 77002-2555

Dear Members of the Board:

### Subject: Actuarial Valuation as of July 1, 2006

This report describes the current actuarial condition of the Houston Municipal Employees Pension System (HMEPS), determines the calculated employer contribution rate, and analyzes changes in this contribution rate. Valuations are prepared annually, as of July 1, the first day of the HMEPS plan year.

Under the HMEPS statute, the employer contribution rate is determined actuarially, based on the Board's funding policy and HMEPS' governing law. The contribution rate determined by a given actuarial valuation and implemented by the Board becomes effective twelve months after the valuation date, i.e., the rates determined by this July 1, 2006 actuarial valuation will be used by the Board when determining the employer contribution rate for the year beginning July 1, 2007 and ending June 30, 2008.

Under the 2004 Meet & Confer Agreement between the Board and the City of Houston, a three-year funding schedule was implemented consisting of a \$63 million employer contribution and \$300 million pension obligation note for FY 2005, a \$69 million employer contribution for FY 2006 and a \$72 million employer contribution for FY 2007. The funding schedule was developed to substantially increase the funded level of the plan and maintain adequate funding levels over the three-year period ending June 30, 2007.

Therefore, the employer contribution amounts for FY 2006 and FY 2007 were not set by actuarial valuations. The calculated contribution rates from those valuations were not contributed, but were instead \$69 million for FY 2006 and \$72 million for FY 2007 under the terms of the Meet & Confer.

The required employer contribution rate for FY2008 is 24.63% of payroll. Using an estimated payroll of \$445.2 million for FY2008 projects an estimated employer contribution for FY2008 of \$109.6 million.

### **Benefit Provisions**

The benefit provisions reflected in this valuation are those which were in effect on July 1, 2006, and reflect the changes made as a part of the "Meet and Confer" agreement. The agreement between the City and the Board changed the benefit provisions substantially, effective January 1, 2005. The changes are discussed in the Benefit Provisions subsection of the Discussion section of the July 1, 2005 report.

The benefit provisions have not changed since the prior valuation. The benefit provisions are summarized in Appendix B.

### **Assumptions and Methods**

Actuarial assumptions and methods are set by the Board of Trustees, based upon recommendations made by the plan's actuary. The assumptions used in this valuation have not been modified since the previous valuation. The assumptions used in the valuation were adopted by the Board based on our recommendations following an Experience Analysis performed for the five year period ending July 1, 2004.

The results of the actuarial valuation are dependent on the actuarial assumptions used. Actual results can and almost certainly will differ, as actual experience deviates from the assumptions. Even seemingly minor changes in the assumptions can

materially change the liabilities, calculated contribution rates and funding periods. The actuarial calculations are intended to provide information for rational decision making.

The actuarial assumptions and methods used in this report comply with the parameters for disclosure that appear in GASB 25. All assumptions and methods are described in Appendix A.

### Financing Objectives and Funding Policy

The amortization period is set by statute, and was modified under the Meet and Confer. The contribution rate and liabilities are computed using the Entry Age actuarial cost method. The employer contribution rate is the sum of two pieces: the employer normal cost rate and the amortization rate. The normal cost rate is determined as a percent of pay. The employer normal cost is the difference between this and the weighted member contribution rate. The amortization rate is determined as a level percent of pay. It is the amount required to amortize the unfunded actuarial accrued liability over an open period (30 years as of July 1, 2006). The amortization rate is adjusted for the one-year deferral in contribution rates.

### **Progress Toward Realization of Financing Objectives**

The funded ratio (the ratio of the actuarial value of assets to the actuarial accrued liability) is a standard measure of a plan's funded status. In the absence of benefit improvements, it should increase over time, until it reaches 100%. The funded ratio as of July 1, 2006 is 64.5%. This is lower than the 65.2% from the 2005 valuation. This small decrease was expected as the remaining deferred loss from FY 2002 and another portion of the deferred loss from FY 2003 were recognized in this valuation, and the actual City contributions of \$67 million was less than the estimated ARC for FY2006 of \$119 million (based on the July 1, 2004 valuation.)

The calculated employer contribution rate for FY 2008 is 24.63%. This rate is modestly higher than the 24.10% calculated in the 2005 valuation, but very close to the 24.61% rate projected on Table 7 of the 2005 report.

The information contained in Supplemental Information Schedule 1 and the Notes to Required Supplemental Schedules 1 and 2 contained in the financial section of the Comprehensive Annual Financial Report was prepared by Gabriel, Roeder, Smith & Company. The information contained in Supplemental Information Schedules 2 through 5 was prepared by HMEPS staff.

### Data

Member data for retired, active and inactive members was supplied as of July 1, 2006 by the HMEPS staff. We did not audit this data, but we did apply a number of tests to the data, and we concluded that it was reasonable and consistent with the prior year's data.

The City of Houston pays its employees on a bi-weekly pay schedule and as it turns out fiscal year 2006 contained 27 pay periods. The result is that the pays received by individual members increased significantly over the prior year. The fact that there were 27 pay periods for fiscal year 2006 versus 26 pay periods for fiscal year 2005 results in a 3.85% increase in the salary received by a member even if that member did not receive a pay increase during the year. Consequently, average salary increases are more than double the expected increases. We also know that fiscal year 2007 will be a 26 pay period year. If no adjustments are made to the reported pays, then next year's pays may be very flat or even decrease when compared with this year's pays.

As approved by the Board, we adjusted the pays for employees that were employed throughout the year. The adjustment was made by multiplying these employees' pays by the ratio of 26/27, thereby negating the impact of the 27th pay period. This resulted in a better projection of next year's payroll both on an individual basis and in aggregate.

Asset information as of July 1, 2006 was taken from the Comprehensive Annual Financial Report for the Year Ended June 30, 2006.

### Certification

All of the tables contained in this actuarial valuation report and in the actuarial section of the HMEPS CAFR were prepared by Gabriel, Roeder, Smith & Company. We certify that the information presented herein is accurate and fairly portrays the actuarial position of HMEPS as of July 1, 2006.

All of our work conforms with generally accepted actuarial principles and practices, and with the Actuarial Standards of Practice issued by the Actuarial Standards Board. In our opinion, our calculations also comply with the requirements of state law and, where applicable, the Internal Revenue Code, ERISA, and the Statements of the Governmental Accounting Standards Board. The undersigned are independent actuaries and consultants. Mr. Carter and Mr. Newton are Enrolled Actuaries and are also Members of the American Academy of Actuaries. All three of the undersigned are experienced in performing valuations for large public retirement systems.

Lewis Ward

Sincerely,

Gabriel, Roeder, Smith & Company

Joe Newton, FSA, EA, MAAA

Consultant

Lewis Ward Consultant W. Michael Carter, FSA, EA, MAAA

Senior Consultant

### **EXECUTIVE SUMMARY**

ltem	July 1, 2006	July 1, 2005
Membership		
Number of:		
- Active members	12,145	11,974
- Retirees and beneficiaries	7,780	7,523
- Inactive members	4,635	3,893
- Total	24,560	23,390
<ul> <li>Annualized Payroll supplied by HMEPS</li> </ul>	\$ 422,496	\$ 404,565
Calculated Contribution rates		
<ul> <li>Member (weighted)<sup>1</sup></li> </ul>	4.18 %	3.98 %
<ul><li>Employer</li></ul>	24.63 %	24.10 %
Assets		
Market value	\$ 2,052,296	\$ 1,824,852
Actuarial value	1,867,293	1,777,656
<ul> <li>Estimation of return on market value</li> </ul>	16.4%	12.9 %
<ul> <li>Estimation of return on actuarial value</li> </ul>	9.0 %	4.1 %
<ul> <li>Employer contribution<sup>2</sup></li> </ul>	\$ 66,968	\$ 363,247
<ul> <li>Ratio of actuarial value to market value</li> </ul>	91.0%	97.4 %
Actuarial Information		
<ul><li>Employer normal cost %</li></ul>	8.45 %	8.47 %
<ul> <li>Unamortized actuarial accrued liability (UAAL)</li> </ul>	\$ 1,027,002	\$ 947,616
Amortization rate	16.18 %	15.63 %
<ul> <li>Funding period</li> </ul>	30.0 years	30.0 years
<ul> <li>GASB funded ratio</li> </ul>	64.5 %	65.2 %
Projected employer contribution based on calculated rate		
<ul> <li>Fiscal year ending June 30,</li> </ul>	2008	2007
<ul> <li>Projected payroll (millions)</li> </ul>	\$ 445.2	\$ 432.1
<ul> <li>Projected employer contribution (millions)         <ul> <li>(actual contribution rate set by Meet &amp; Confer)</li> </ul> </li> </ul>	\$ 109.6	\$ 104.2

Note: Dollar amounts in \$000, unless otherwise noted

<sup>1</sup> Employee contribution rate for contirbuting members is 4% prior to January 1, 2005 and 5% thereafter.

<sup>&</sup>lt;sup>2</sup> July 1, 2005 contribution information includes a \$300 million pension obligation note from the City.

### STATEMENT OF PLAN NET ASSETS

	July 1, 2006
A. ASSETS	(1)
1. Current Assets	1.7
a. Cash and short term investments	
1) Cash on hand	\$ 2,718
2) Short term investments	66,298
b. Accounts Receivable	•
1) Sale of investments	8,327
2) Other	9,584
c. Total Current Assets	\$ 86,927
2. Long Term Investments	
a. US. Government securities	\$ 57,379
b. Corporate bonds	75,568
c. Capital stocks	509,384
d. Commingled Funds	548,133
e. LP's, real estate trusts, loans and mortgages	484,671
f. Total long term investments	\$ 1,675,135
3. Other Assets	
a. Collateral on securities lending	\$ 93,012
b. Furniture, fixtures and equipment, net	702
c. Note Receivable - City of Houston	300,000
d. Accrued interest on note receivable	36,183
e. Total other assets	\$ 429,897
4. Total Assets	\$ 2,191,959
B. LIABILITIES	
1. Current Liabilities	
a. Amounts due on asset purchases	\$ 43,249
b. Accrued liabilities	3,402
c. Collateral on securities lending	93,012
2. Total Liabilities	139,663
3. Net Assets Held in Trust	\$ 2,052,296
C. ASSET ALLOCATION FOR CASH & LONG TERM INVESTMENTS	
1. Cash	1.5 %
2. Fixed Income	18.4 %
3. Real Assets	16.3 %
4. Domestic Equities	27.9 %
5. International Equities	20.7 %
6. Alternative Investments	15.2 %
7. Total	100.0 %

Note: Dollar amounts in \$000

### **RECONCILIATION OF PLAN NET ASSETS**

		Year Ending June 30, 2006
		(1)
1. Market	value of assets at beginning of year	\$ 1,824,852
2. Revenu	ue for the year	
a.	Contributions	
	i. Member contributions	\$ 21,888
	ii. Employer contributions	66,968
	iii. Total	\$ 88,856
b.	Net investment income	
	i. Interest	\$ 8,632
	ii. Dividends	9,128
	iii. Earnings from LP's and real estate trusts	25,592
	iv. Net appreciation (depreciation) on investments	235,078
	v. Interest income - City of Houston note receivable	26,565
	vi. Net proceeds from lending securities	419
	vii. Less investment expenses	(6,083)
	viii. Other	385
C.	Total revenue	\$ 388,572
3 Expend	litures for the year	
a.	Refunds	\$ 1,037
b.	Benefit payments	154,311
С.	Administrative and miscellaneous expenses	5,780
d.	Total expenditures	\$ 161,128
4. Increas	e in net assets (Item 2c - Item 3d)	\$ 227,444
5. Market	value of assets at end of year (Item 1 + Item 4)	\$ 2,052,296

Note: Dollar amounts in \$000

### **CALCULATION OF EXCESS INVESTMENT INCOME**

ltem	Year Ending June 30, 2006
(1)	(2)
1. Market value of assets at beginning of year	\$ 1,824,852
2. Net external cash flow during the year	(66,492)
3. Market value of assets at end of year	2,052,296
4. Actual investment income during the year based on market value: (3) - (2) - (1)	\$ 293,936
5. Assumed earnings rate	8.50 %
6. Expected earnings for the year on:	
a. Market value of assets at beginning of year:	155,112
b. Net external cash flow:	(2,768)
c. Total: (a) + (b)	152,344
7. Excess investment income for the year: (4) - (6)	\$ 141,592
Note: Dollar amounts in \$000	
DEVELOPMENT OF ACTUARIAL VALUE OF ASSETS	
	July 1, 2006
	(1)
Excess (Shortfall) of invested income for current and previous three years	
a. Current year	\$ 141,592
b. Current year - 1	66,518
c. Current year - 2	118,177
d. Current year - 3	(77,263)
e. Current year - 4	(230,096)
f. Total for five years	\$ 18,928
2. Deferral of excess (shortfall) of invested income	
a. Current year (80%)	113,274
b. Current year - 1 (60%)	39,911
c. Current year - 2 (40%)	47,271
d. Current year - 3 (20%)	(15,453)
e. Current year - 4 (0%)	0
f. Total deferred for year	\$ 185,003
3. Market value of assets at end of year	\$ 2,052,296
4. Actuarial value of assets at end of year: (3) - (2f)	\$ 1,867,293
Note: Dollar amounts in \$000	

### **ACTUARIAL PRESENT VALUE OF FUTURE BENEFITS**

	July 1, 2006
	(1)
1. Active members	
a. Retirement benefits	\$ 1,344,181
b. Deferred termination benefits	85,528
c. Refunds	12,072
d. Death benefits	49,333
e. Disability benefits	26,628
f. Total	\$ 1,517,742
2. Members in Pay Status	
a. Service retirements	\$1,467,830
b. Disability retirements	38,501
c. Beneficiaries	112,431
d. Total	\$ 1,618,762
4. Inactive members	
a. Vested terminations	\$ 109,071
b. Nonvested terminations	2,030
c. Total	\$ 111,101
5. Total actuarial present value of future benefits	\$ 3,247,605

Note: Dollar amounts in \$000

### CALCULATION OF TOTAL ACTUARIAL GAIN OR LOSS

1	Hafradad actionial account liability (HAAL) as of July 1, 2005	Ċ 0.47 / 1/
1.	Unfunded actuarial accrued liability (UAAL) as of July 1, 2005	\$ 947,616
2.	Total normal cost for year	53,809
3.	Contributions during year ending June 30, 2006	(88,856)
4.	Interest on UAAL for one year	80,547
5.	Interest on Item 2 and Item 3 for one-half year	(1,459)
6.	Expected UAAL as of July 1, 2006 (1+2+3+4+5)	\$ 991,657
7.	Actual UAAL as of July 1, 2006	\$ 1,027,002
8.	Actuarial gain/(loss) for the period (6 - 7)	\$ (35,345)
	SOURCE OF GAINS/(LOSSES)	
9.	Asset gain/(loss) (See Table 13)	\$ 7,797
10.	Assumption changes	0
11.	Total liability gain/(loss) for the period	\$ (43,142)
12.	Actuarial gain/(loss) for the period	\$ (35,345)

Note: Dollar amounts in \$000

### **NEAR TERM OUTLOOK**

Net External Cash Flow (12)	\$ (82,040)	(63,657)	(77,759)	(89,259)	(101,007)	(111,344)	(119,567)	(128,081)	(136,646)	(145,589)	(144,792)
Benefit Payments and Refunds (11)	\$ 172,383	192,310	203,734	213,674	224,928	236,820	249,040	261,606	274,409	287,730	291,391
Employee Contributions (10)	\$ 18,343	19,019	19,630	20,537	21,470	22,409	23,378	24,358	25,363	26,389	27,423
Employer Contributions (9)	\$ 72,000	109,634	106,346	103,878	102,452	103,067	106,094	109,167	112,400	115,752	119,176
Covered Compensation (8)											
For Fiscal Year Ending June 30,											
Funded Ratio Using MVA (6)	70.9%	71.0%	72.1%	73.0%	73.8%	74.4%	74.9%	75.4%	75.9%	76.4%	<b>76.9</b> %
Funding Period (Years) <sup>2</sup> (5)	30.0	30.0	30.0	30.0	29.0	28.0	27.0	26.0	25.0	24.0	23.0
Calculated Contribution Rate (4)	24.63%	23.53%	22.29%	21.33%	20.84%	20.82%	20.80%	20.79%	20.77%	20.75%	20.74%
Funded Ratio (3)	64.5%	%5'99	%6.69	72.2%	73.8%	74.4%	74.9%	75.4%	75.9%	76.4%	<b>%6.9</b> /
Unfunded Actuarial Accrued Liability (UAAL, in 000s) (2)	\$ 1,027,002	1,009,818	941,901	902,436	880,210	889,441	900'038	606,617	918,123	925,377	931,206
Valuation as of July 1, (1)	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016

These projections are based on the benefit provisions in effect for the July 1, 2006 actuarial valuation with no expected changes to future accruals. Also, beginning in FY2007, the calculated rates shown above are assumed to be paid beginning the year after the valuation. Any changes to future accruals or failure to contribute the calculated rate will change the results of this projection.

2. The agreement between the City and HMEPS included an open 30 year amortization period until the 2009 valuation. Beginning with the 2009 valuation, the amortization period will be a closed 30 years from July 1, 1. The agreement between the City and HMEPS included a \$63 million employer contribution and \$300 million pension obligation note for FY 2005, a \$69 million employer contribution for FY 2006, and a \$72 million employer contribution for FY2007.

Note: Dollar amounts in \$000. MVA represents Market Value of Assets.

### **ANALYSIS OF NORMAL COST**

		July 1, 2006	July 1, 2005
		(1)	(2)
1.	Gross normal cost rate		
	a. Retirement benefits	9.12%	9.06%
	b. Deferred termination benefits	1.42%	1.56%
	c. Refunds	0.93%	0.68%
	d. Disability benefits	0.53%	0.53%
	e. Death benefits	0.63%	0.62%
	f. Total	12.63%	12.45%
2.	Less: member contribution rate		
	a. Present Value of Employee Contributions	\$ 116,146	\$ 106,452
	b. Present value of future pay	\$ 2,775,370	\$ 2,675,293
	c. Effective member contribution rate (2a/2b)	(4.18%)	(3.98%)
3.	Employer normal cost rate (Item 1f - Item 2c)	8.45%	8.47%

Note: Dollar amounts in \$000

### CHANGE IN CALCULATED CONTRIBUTION RATE SINCE THE PRIOR VALUATION

1. Calculated Contribution Rate as of July 1, 2005								
2. Change in Contribution Rate During Year								
a. Change in Employer Normal Cost	(0.02%)							
b. Assumption changes	0.00%							
c. Recognition of prior asset losses (gains)	0.32%							
d. Actuarial (gain) loss from current year asset performance	(0.44%)							
e. Actuarial (gain) loss from liability sources	0.62%							
f. Impact of City contributing less than actual cost of plan	0.53%							
g. Effect of Payroll growing faster than Payroll Growth Rate	(0.23%)							
h. Effect of resetting amortization period to 30 years	(0.25%)							
i. Total Change		0.53%						

### CALCULATION OF ANNUAL REQUIRED CONTRIBUTION RATE

	July 1, 2006	July 1, 2005
	(1)	(2)
1. Covered payroll	\$ 422,496	\$ 404,565
2. Covered payroll adjusted for one-year's pay increase	\$ 438,321	\$ 419,542
3. Present value of future pay	\$ 2,775,370	\$ 2,675,293
4. Normal cost rate		
a. Total normal cost rate	12.63%	12.45%
b. Less: member contribution rate (weighted)	(4.18%)	(3.98%)
c. Employer normal cost rate	8.45%	8.47%
5. Actuarial accrued liability for active members		
a. Present value of future benefits for active members	\$ 1,517,742	\$ 1,484,211
b. Less: present value of future normal costs	(341,222)	(323,625)
c. Service Purchase Receivable 1	(12,088)	(12,659)
d. Actuarial accrued liability	\$ 1,164,432	\$ 1,147,927
6. Total actuarial accrued liability for:		
a. Retirees and beneficiaries	\$ 1,618,762	\$ 1,483,664
b. Inactive participants	111,101	93,681
c. Active members (Item 5d)	1,164,432	1,147,927
d. Total	\$ 2,894,295	\$ 2,725,272
7. Actuarial value of assets	\$ 1,867,293	\$ 1,777,656
8. Unfunded actuarial accrued liability (UAAL)		
(Item 6d - Item 7)	\$ 1,027,002	\$ 947,616
9. Funding period	30 years	30 years
10. Assumed payroll growth rate	3.00%	3.00%
11. Employer Contribution requirement		
a. UAAL amortization payment as % of pay	16.18%	15.63%
b. Employer normal cost	8.45%	8.47%
c. Contribution requirement (a + b)	24.63%	24.10%

Note: Dollar amounts in \$000

 $<sup>^{\</sup>mathrm{1}}$  Includes actual current receivable for actives who have entered into an obligation.

## HISTORICAL SOLVENCY TEST

			[(5)-(3)-(3)]/	(4)	(8)	<b>64</b> %	<b>97%</b>	47%	<b>%29</b>	<b>97%</b>	<b>%/9</b>	<b>%6</b> <i>L</i>	83%	84%	28%	37%	17%	<b>1</b> %	14%	<i>1</i> %
		by Reported Assets		[(5)-(2)]/(3)	(7)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	%0.001	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
				(5)/(5)	(9)	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	%0:001
		Actuarial	Value of	Assets	(2)	\$ 558,144	608,524	606,637	713,696	770,189	857,332	1,095,617	1,222,240	1,376,020	1,490,179	1,519,717	1,510,264	1,501,235	1,777,656	1,867,293
es for	Retirees	Members	(City	Financed Portion)	(4)	\$ 366,542	414,600	437,894	470,189	511,752	558,154	703,025	706,678	824,470	1,114,456	1,585,733	2,118,063	1,216,599	1,099,777	1,106,389
gated Accrued Liabilities for		Beneficiaries	and Vested	Terminations <sup>1</sup>	(3)	\$ 289,174	317,849	369,561	384,100	420,830	438,486	502,335	599,270	646,611	804,901	893,568	1,115,801	1,355,157	1,577,345	1,729,863
Aggregate		Active	Members	Contributions	(2)	\$ 32,606	32,850	32,866	32,410	31,130	45,819	34,781	33,985	38,292	36,449	35,888	44,388	62,062	48,150	58,043
				Valuation Date	(1)	July 1, 1991	July 1, 1992	July 1, 1993	July 1, 1994	July 1, 1995	July 1, 1996	July 1, 1998	July 1, 1999	July 1, 2000	July 1, 2001	July 1, 2002	July 1, 2003	July 1, 2004	July 1, 2005	July 1, 2006

Note: Dollar amounts in \$000

1 Column (3) included AAL for DROP participants until 2003, now in Column (4)

### **SCHEDULE OF FUNDING PROGRESS**

Date	Actuarial Value of Assets (AVA)	Actuarial Accrued Liability (AAL)	Accrued Liability (UAAL) (3) - (2)	Funded Ratio (2)/(3)	Annual Payroll	UAAL as % of Payroll (4)/(6)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
July 1, 1992	\$ 608,524	\$ 765,299	\$ 156,775	<b>79</b> .5%	\$ 314,686	49.8%
July 1, 1993	660,637	840,321	179,684	78.6%	340,249	52.8%
July 1, 1994	713,696	886,699	173,003	80.5%	366,561	47.2%
July 1, 1995	770,189	963,712	193,523	79.9%	378,511	51.1%
July 1, 1996	857,332	1,042,459	185,127	82.2%	367,610	50.4%
July 1, 1998	1,095,617	1,240,141	144,524	88.3%	397,698	36.3%
July 1, 1999	1,222,240	1,339,933	117,693	91.2%	407,733	28.9%
July 1, 2000	1,376,020	1,509,373	133,353	91.2%	432,604	30.8%
July 1, 2001	1,490,179	1,955,806	465,627	76.2%	418,234	111.3%
July 1, 2002	1,519,717	2,515,189	995,472	60.4%	399,794	249.0%
July 1, 2003	1,510,264	3,278,251	1,767,987	46.1%	390,314	453.0%
July 1, 2004	1,501,235	2,633,817	1,132,582	57.0%	366,190	09.3%
July 1, 2005	1,777,656	2,725,272	947,616	65.2%	404,565	234.2%
July 1, 2006	1,867,293	2,894,295	1,027,002	64.5%	422,496	243.1%

Note: Dollar amounts in \$000

### HISTORICAL CITY CONTRIBUTIONS

	Calculated		Actual
Valuation Date	Contribution Rate <sup>1</sup>	Time Period for Contribution	Contribution Rate
(1)	(2)	(3)	(4)
July 1, 1987	5.83 %	January 1, 1988 through December 31, 1988	5.15 %
July 1, 1988	6.27	January 1, 1989 through December 31, 1989	5.15
July 1, 1989	6.88	January 1, 1990 through December 31, 1990	6.27
July 1, 1990	6.23	January 1, 1991 through December 31, 1991	6.27
July 1, 1991	8.77	January 1, 1992 through June 30, 1993	6.27
July 1, 1992	9.11	July 1, 1993 through June 30, 1994	9.11
July 1, 1993	9.30	July 1, 1994 through June 30, 1995	9.30
July 1, 1994	8.80	July 1, 1995 through June 30, 1996	8.80
July 1, 1995	9.20	July 1, 1996 through June 30, 1997	9.20
July 1, 1996	9.10	July 1, 1997 through June 30, 1998	9.10
•		July 1, 1998 through June 30, 1999	9.10
July 1, 1998	9.30	July 1, 1999 through June 30, 2000	9.30
July 1, 1999	9.80	July 1, 2000 through June 30, 2001	10.00
July 1, 2000	9.50	July 1, 2001 through June 30, 2002	10.00
July 1, 2001	17.70	July 1, 2002 through June 30, 2003	10.00
July 1, 2002	31.80	July 1, 2003 through June 30, 2004	14.70
July 1, 2003	52.89	July 1, 2004 through June 30, 2005	92.55 <sup>2,3</sup>
July 1, 2004	29.43	July 1, 2005 through June 30, 2006	15.49 <sup>3</sup>
July 1, 2005	24.10	July 1, 2006 through June 30, 2007	N/A 3
July 1, 2006	24.63	July 1, 2007 through June 30, 2008	N/A

<sup>1</sup> Rate determined by the actuarial valuation is for the fiscal year beginning on the July 1st next following the valuation date.

<sup>&</sup>lt;sup>2</sup> Includes \$300 million note.

<sup>&</sup>lt;sup>3</sup> As pursuant to the three year funding schedule from the Meet and Confer agreement.

DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND BY YEARS OF SERVICE CONTRIBUTORY PLAN

Attained Age	0 No. & Avg. Comp.	1 No. & Avg. Comp.	2 No. & Avg. Comp.	3 No. & Avg. Comp.	4 No. & Avg. Comp.	5-9 No. & Avg. Comp.	10-14 No. & Avg. Comp.	15-19 No. & Avg. Comp.	20-24 No. & Avg. Comp.	25-29 No. & Avg. Comp.	30-34 No. & Avg. Comp.	35 & Over No. & Avg. Comp.	Total No. & Avg. Comp.
Under 25	210	116	79		15	က							391
9	\$23,943	\$22,124	\$21,847	\$23,907	\$24,665	\$24,245	-						\$23,292
67-C7	305 \$26,934	217 \$26,930	103 \$26,617	5/8 \$28,263	50 \$26,413	81 \$26,830	\$45,588						809 \$26,966
30-34	219	188	101	62		173	39	2					855
	\$29,689	\$28,746	\$30,551	\$33,350	\$32,295	\$29,770	\$33,659	\$45,310					\$30,300
35-39	206	161	101	64	70	217	133	53	2				1,043
	\$31,435	\$31,905	\$29,796	\$30,712	\$34,588	\$33,988	537,031	\$33,450	\$34,060				\$32,884
40-44	161	177	Ξ	70	64	302	194	173	06	9			1,378
	\$31,593	\$32,295	\$32,800	\$32,899	\$37,398	\$33,521	\$38,151	\$37,400	\$36,681	\$34,924			\$34,538
45-49	160	155	103	88	70	287	251	227	218	110			1,670
	\$33,621	\$33,589	\$36,682	\$35,583	\$31,956	\$33,938	\$39,830	\$40,559	\$40,927	\$39,185			\$37,093
50-54	120	160	88	64	47	265	247	219	159	105	11		1,492
	\$34,650	\$35,498	\$36,539	839,169	\$40,830	\$37,115	\$40,351	\$44,691	\$44,947	\$44,764	\$48,016		\$40,059
55-59	8	96	89	52	25	213	221	139	133	54	25	5	1,111
	\$37,934	\$36,791	\$34,400	\$35,269	\$34,738	\$36,591	\$42,375	\$45,188	\$44,905	\$43,923	\$26,966	\$62,437	\$40,620
60-64	40	45	32	31	27	129	128	7.2	47	24	15	4	594
	\$44,676	\$40,475	\$37,316	\$37,012	\$37,351	\$38,491	\$41,068	\$45,270	\$47,323	\$50,235	\$51,383	\$80,356	\$42,023
65 & Over	<b>∞</b>	=	<b>∞</b>	01	6	48	49	81	14	4	2	5	186
	\$32,571	\$26,289	\$38,044	\$47,034	\$30,881	\$41,092	\$41,242	\$47,826	\$46,343	\$45,621	\$35,058	\$52,292	\$40,964
Total	1,554	1,357	742	520	448	1,718	1,263	903	663	303	59	14	9,544
	\$30,419	\$31,105	\$32,228	\$33,797	\$33,725	\$34,460	\$39,819	\$41,782	\$42,660	\$42,839	\$52,225	\$63,933	\$35,472
		Average:	Age: Service:	44.35 8.07	Num	Number of participants:	_	Fully vested: Not Vested:	4,923 4,621		Males: Females:	5,386 4,158	

# DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND BY YEARS OF SERVICE NONCONTRIBUTORY PLAN

Attained	0 No. & Avg.	ا No. & Avg.	2 No. & Avg.	3 No. & Avg.	4 No. & Avg.	5-9 No. & Avg.	10-14 No. & Avg.	15-19 No. & Avg.	20-24 No. & Avg.	25-29 No. & Avg.	30-34 No. & Avg.	35 & Over No. & Avg.	Total No. & Avg.
Hybe 15	Comp.	Comp.	Ollip.		Comp.	Comp.	Collip.	Collips	Comp.	Comp.	Conip.		Collips.
C7 Igniin													
25-29						36	က						39
						\$28,653	\$29,149						\$28,691
30-34						105	54						159
						\$27,292	\$28,678						\$27,763
35-39						146	184	69					399
						\$28,727	\$30,914	\$29,725					\$29,908
40-44						112	172	151	<i>L</i> 9	_			503
						\$30,391	\$32,272	\$32,094	\$31,479	\$41,941			531,714
45-49						112	185	130	95	24			546
						\$32,002	\$33,260	\$33,874	\$31,901	\$31,522			\$32,835
50-54						88	155	126	51	23	က		446
						\$31,934	\$31,778	\$35,459	\$34,210	\$37,311	\$35,285		\$33,436
55-59						28	109	71	48	6	5	_	
						\$33,585	\$32,588	\$34,240	\$38,098	\$39,290	\$47,491	\$23,355	
60-64						27	28	32	24	<b>&amp;</b>	_	_	
						\$30,622	\$35,617	\$31,961	\$40,884	\$43,777	\$30,645	\$24,401	\$35,111
65 & Over						5	76	14	10	2			27
						\$31,574	\$32,766	\$33,102	\$42,661	\$60,085			\$35,438
Total						689	946	593	295	<i>L</i> 9	6	2	
						\$30,221	\$32,160	\$33,197	\$34,308	\$37,024	\$41,551	\$23,878	
		Average:	Age:	46.63	Nom	Number of participants:	ıts:	Fully vested:	2.601		Males:	1,302	
		,	Service:	13.86		-		Not Vested:	0		Females:	1,299	

DISTRIBUTION OF ACTIVE MEMBERS BY AGE AND BY YEARS OF SERVICE ALL EMPLOYEES

Attained Age	0 No. & Avg. Comp.	1 No. & Avg. Comp.	2 No. & Avg. Comp.	3 No. & Avg. Comp.	4 No. & Avg. Comp.	5-9 No. & Avg. Comp.	10-14 No. & Avg. Comp.	15-19 No. & Avg. Comp.	20-24 No. & Avg. Comp.	25-29 No. & Avg. Comp.	30-34 No. & Avg. Comp.	35 & Over No. & Avg. Comp.	Total No. & Avg. Comp.
Under 25	210	116	26	21	15	ر د							391
25-29	\$23,943 305	\$22,124 212	\$21,847 103	\$23,907 57	\$24,665 50	\$24,245 117	4						\$23,292 848
	\$26,934	\$26,930	\$26,617	\$28,263	\$26,413	\$27,391	\$33,259						\$27,046
30-34	219	188	101	62	71	278	93	2					1,014
	\$29,689	\$28,746	\$30,551	\$33,350	\$32,295	\$28,834	230,767	\$45,310					\$29,902
35-39	706	197	101	64	70	363	317	122	2				1,442
	\$31,435	\$31,905	\$29,796	\$30,712	\$34,588	\$31,872	\$33,480	\$31,344	\$34,060				\$32,061
40-44	191	177	Ξ	70	64	414	399	324	157	7			1,881
	\$31,593	\$32,295	\$32,800	\$32,899	\$37,398	\$32,674	\$35,388	\$34,927	\$34,461	\$35,927			\$33,783
45-49	160	155	103	88	70	399	436	357	313	134			2,216
	\$33,621	\$33,589	\$36,682	\$35,583	\$31,956	\$33,395	\$37,042	\$38,125	\$38,188	\$37,813			\$36,044
50-54	120	160	88	64	47	353	402	345	210	128	20		1,938
	\$34,650	\$35,498	\$36,539	839,169	\$40,830	\$35,824	\$37,046	\$41,319	\$42,339	\$43,425	\$46,107		\$38,535
55-59	80	96	89	52	25	271	330	210	181	63	30	9	1,412
	\$37,934	\$36,791	\$34,400	\$35,269	\$34,738	\$35,947	\$39,143	\$41,487	\$43,100	\$43,261	\$55,387	\$55,924	\$39,308
60-64	40	45	32	31	27	156	186	104	71	32	91	2	745
	\$44,676	\$40,475	\$37,316	\$37,012	\$37,351	\$37,129	\$39,368	\$41,175	\$45,146	\$48,620	\$50,087	\$69,165	\$40,622
65 & Over	<b>&amp;</b>	=	<b>∞</b>	10	6	53	75	32	24	9	2	2	243
	\$32,571	\$26,289	\$38,044	\$47,034	530,881	\$40,194	\$38,303	\$41,384	\$44,809	\$50,442	\$35,058	\$52,292	\$39,668
Total	1,554	1,357	742	520	448	2,407	2,209	1,496	928	370	89	91	12,145
	\$30,419	\$31,105	\$32,228	\$33,797	\$33,725	\$33,247	\$36,539	\$38,379	\$40,088	\$41,786	\$50,813	\$58,926	\$34,788
		Average:	Age: Service:	44.84 9.31	Nu	Number of participants:	ants:	Fully vested: Not Vested:	7,524		Males: Females:	6,688 5,457	

### HISTORICAL ACTIVE PARTICIPANT DATA

Valuation Date	Active Count	Average Age	Average Service	Covered Payroll	Average Salary	Percent Changes
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1988	11,344	N/A	N/A	\$ 227,900	\$ 20,090	1.9%
1989	11,356	N/A	N/A	\$ 235,400	\$ 20,729	3.2%
1990	12,037	40.0	N/A	\$ 258,556	\$ 21,480	3.6%
1991	12,488	40.3	N/A	\$ 284,914	\$ 22,815	6.2%
1992	12,913	40.5	N/A	\$ 314,686	\$ 24,370	6.8%
1993	13,112	40.9	N/A	\$ 340,249	\$ 25,949	6.5%
1994	14,027	40.9	N/A	\$ 366,561	\$ 26,133	0.7%
1995	14,364	41.3	N/A	\$ 378,511	\$ 26,351	0.8%
1996	14,067	41.8	N/A	\$ 367,610	\$ 26,133	(0.8%)
1998 <sup>1</sup>	13,764	42.8	9.8	\$ 394,919	\$ 28,692	9.8%
<b>1999</b> 1	13,286	42.9	9.8	\$ 396,617	\$ 29,852	4.0%
<b>2000</b> <sup>1</sup>	13,126	43.7	10.3	\$ 421,591	\$ 32,119	7.6%
2001 1	12,928	43.9	10.3	\$ 413,021	\$ 31,948	(0.5%)
2002	12,527	44.7	11.0	\$ 399,794	\$ 31,915	(0.1%)
2003	12,120	45.2	11.2	\$ 390,314	\$ 32,204	0.9%
2004	11,856	45.1	10.3	\$ 366,190	\$ 30,886	(4.1%)
2005 <sup>2</sup>	11,974	44.8	9.6	\$ 404,565	\$ 33,787	9.4%
2006	12,145	44.8	9.3	\$ 422,496	\$ 34,788	3.0%

Note: Dollar amounts in \$000

### RETIREES, BENEFICIARIES, AND DISABLED PARTICIPANTS ADDED TO AND REMOVED FROM ROLLS

	<u>Added</u>	to Rolls	<u>Removed</u>	from Rolls	Rolls-Eng	d of Year		
Valuation July 1,	Number	Annual Allowances	Number	Annual Allowances	Number	Annual Allowances	% Increase in Annual Allowances	Average Annual Allowances
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1994	306	\$2,474	227	\$1,593	4,268	\$33,971	4.8%	\$7,959
1995	393	3,044	220	1,307	4,441	36,482	7.4%	8,215
1996	416	3,119	239	1,438	4,618	38,815	6.4%	8,405
1998	693	5,840	441	3,212	4,870	43,394	11.8%	8,910
1999	432	2,131	303	1,515	4,999	46,732	7.7%	9,348
2000	360	3,412	255	1,380	5,104	49,970	6.9%	9,790
2001	652	8,937	299	1,030	5,457	57,877	15.8%	10,606
2002	777	15,061	306	2,476	5,928	72,256	24.8%	12,189
2003	598	11,497	311	1,873	6,215	84,519	17.0%	13,599
2004	942	25,189	279	2,624	6,878	107,084	26.7%	15,569
2005	861	18,054	216	1,926	7,523	123,212	15.1%	16,378
2006	654	14,722	397	2,246	7,780	135,688	10.1%	17,441

Note: Dollar amounts in \$000

<sup>1</sup> Excludes DROP participants

Beginning with 2005, a change in methodology now annualizes payroll for new entrants. If the methodology had not been changed, the covered payroll for 2005 would have been \$376,208,345 and the average payroll would have been \$31,419.

### **MEMBERSHIP DATA**

		_ July 1, 2006
		(1)
,	A.C. I	
I.	Active members	10 145
	a. Number	12,145
	b. Number vested	7,524
	c. Total payroll supplied by HMEPS <sup>1</sup>	\$ 422,496,000
	d. Average salary <sup>1</sup>	34,788
	e. Average age	44.8
	f. Average service	9.3
2.	Inactive participants (counts)	
	a. Vested	2,786
	b. NonVested	1,849
3.	Service retirees	
٠.	a. Number	5,847
	b. Total annual benefits	\$ 119,286,669
	c. Average annual benefit	20,401
	d. Average age	65.9
4.	Disabled retirees	
	a. Number	452
	b. Total annual benefits	\$ 3,658,166
	c. Average annual benefit	8,093
	d. Average age	61.3
5.	Beneficiaries and spouses	
٠.	a. Number	1,481
	b. Total annual benefits	\$ 12,742,777
	c. Average annual benefit	8,604
	d. Average age	68.4
		00.1

Beginning with the 2005 valuation, a change in methodology now annualizes payroll for new entrants. If the methodology had not been changed, the covered payroll for 2005 would have been \$376,208,345 and the average payroll would have been \$31,419.

These amounts did not include the February 2005 cost of living increase.

## ESTIMATION OF DOLLAR-WEIGHTED INVESTMENT RETURN

ltem	Market Value	Actuarial Value
(1)	(2)	(3)
1. Assets as of July 1, 2005 (A)	\$ 1,824,852	\$ 1,777,656
2. Contributions during FY06	88,856	88,856
3. Benefit payments made during FY06	154,311	154,311
4. Refunds of contributions during FY06	1,037	1,037
5. Expenses during FY06	5,780	5,780
6. Investment return during FY06	299,716	161,909
7. Assets as of July 1, 2006 (B): (1 + 2 - 3 - 4 - 5 + 6)	2,052,296	1,867,293
8. Approximate rate of return on average invested assets		
a. Net investment income (6 - $5 = 1$ )	293,936	156,129
b. Estimated return based on $(2I/(A + B - I))$	16.41%	8.95%

Note: Dollar amounts in \$000

## **INVESTMENT EXPERIENCE GAIN OR LOSS**

	Item	Valuation as of 6/30/2006	Valuation as of 6/30/2005	
_	(1)	(2)	(3)	
1.	Actuarial assets, prior valuation	\$ 1,777,656	\$ 1,501,235	
2.	Total contributions since prior valuation	\$ 88,856	\$ 386,735	
3.	Benefits and refunds since prior valuation	\$ (155,348)	\$ (176,472)	
4.	Assumed net investment income at 8.5%			
	a. Beginning assets	\$ 151,101	\$ 127,605	
	b. Contributions	3,699	16,101	
	c. Benefits and refunds paid	(6,468)	(7,347)	
	d. Total	\$ 148,332	\$ 136,359	
5.	Expected actuarial assets (Sum of Items 1 through 4)	\$ 1,859,496	\$ 1,847,857	
6.	Actual actuarial assets, this valuation	\$ 1,867,293	\$ 1,777,656	
7.	Asset gain (loss) since prior valuation (Item 6 - Item 5)	\$ 7,797	\$ 70,201	

Note: Dollar amounts in \$000

## HISTORY OF INVESTMENT RETURNS

For Fiscal Year Ending	Market Value <sup>1</sup>	Actuarial Value
(1)	(2)	(3)
June 30, 2000	22.10%	13.00%
June 30, 2001	(4.56%)	8.97%
June 30, 2002	(7.99%)	3.64%
June 30, 2003	2.34%	1.69%
June 30, 2004	18.10%	4.16%
June 30, 2005	12.85%	4.12%
June 30, 2006	16.41%	8.95%

<sup>&</sup>lt;sup>1</sup> Dollar-weighted return

## **Summary of Actuarial Assumptions and Methods**

The following methods and assumptions were used in preparing the July 1, 2006, actuarial valuation. These assumptions were adopted by the Board effective for the July 1, 2004 valuation.

### 1. Valuation Date

The valuation date is July 1st of each plan year. This is the date as of which the actuarial present value of future benefits and the actuarial value of assets are determined.

#### 2. Actuarial Cost Method

The actuarial valuation uses the Entry Age Normal actuarial cost method. Under this method, the employer contribution rate is the sum of (i) the employer normal cost rate, and (ii) a rate that will amortize the unfunded actuarial liability.

- a. The valuation is prepared on the projected benefit basis, under which the present value, at the investment return rate assumed to be earned in the future (currently 8.5 percent), of each participant's expected benefit payable at retirement or death is determined, based on his/her age, service, sex and compensation. The calculations take into account the probability of a participant's death or termination of employment prior to becoming eligible for a benefit, as well as the possibility of his/her terminating with a service, disability, or survivor's benefit. Future salary increases are also anticipated. The present value of the expected benefits payable on account of the active participants is added to the present value of the expected future payments to retired participants and beneficiaries to obtain the present value of all expected benefits payable from the Plan on account of the present group of participants and beneficiaries.
- b. The employer contributions required to support the benefits of the Plan are determined using a level funding approach, and consist of a normal contribution and an accrued liability contribution.
- c. The normal contribution is determined using the "entry age normal" method. Under this method, a calculation is made to determine the average uniform and constant percentage rate of employer contribution which, if applied to the compensation of each new participant during the entire period of his/her anticipated covered service, would be required in addition to the contributions of the participant to meet the cost of all benefits payable on his behalf based on the Group A benefits provisions.
- d. The unfunded accrued liability contributions are determined by subtracting the actuarial value of assets from the actuarial accrued liability and amortizing the result over 30 years from the valuation date.

The contribution rate determined by this valuation will not be effective until one year later and the determination of the rate reflects this deferral. It is assumed that there will be no change in the employer normal cost rate due to the deferral, and it is assumed that payments are made uniformly throughout the year.

#### 3. Actuarial Value of Assets

The actuarial value of assets is based on the market value of assets with a five-year phase-in of actual investment return in excess of (less than) expected investment income. Expected investment income is determined using the assumed investment return rate and the market value of assets (adjusted for receipts and disbursements during the year). The returns are computed net of administrative and investment expenses.

## 4. Economic Assumptions

- a. Investment return: 8.50% per year, compounded annually, composed of an assumed 3.00% inflation rate and a 5.50% net real rate of return. This rate represents the assumed return, net of all investment and administrative expenses.
- b. Salary increase rate: A service-related component, plus a 3.00% inflation component, plus a general increase, as follows:

Total Annual Rate of Increase
Including 3.00% Inflation Component and

		merading 5.0070 initiation component and	
Years of Service	Service-relatedComponent	0.0% General Increase Rate	
(1)	(2)	(3)	
		<b>7 7</b> 000	
0	2.50%	5.50%	
1	2.00	5.00	
2	1.75	4.75	
3	1.25	4.25	
4	1.00	4.00	
5	1.00	4.00	
6	1.00	4.00	
7	1.00	4.00	
8	0.50	3.50	
9	0.50	3.50	
10 or more	0.00	3.00	

c. Payroll growth rate: In the amortization of the unfunded actuarial accrued liability, payroll is assumed to increase 3.00% per year. This increase rate is solely due to the effect of inflation on salaries, with no allowance for future membership growth.

## 5. Demographic Assumptions

a. Retirement Rates

<b>Expected Retirements</b>	per	100	Lives
-----------------------------	-----	-----	-------

Age	Males	Females
(1)	(2)	(3)
50	20	13
51-54	14	13
55	14	15
56	14	15
57	14	15
58	14	15
59	14	15
60	16	16
61	16	18
62	30	30
63	30	25
64	22	25
65	28	25
66-69	22	19
70	100	100

## b. DROP Participation

90% of eligible members are assumed to enter DROP at first eligibility.

## c. DROP Entry Date

Active members (not already in DROP) are assumed to take advantage of the DROP and enter when first eligible. For members who have already entered DROP, the actual DROP entry date supplied in the data is used.

#### d. DROP Interest Credit

4.25% per year

- e. Mortality rates (for active and retired members)
  - · Healthy males Based on the 1994 Uninsured Pensioners Mortality Tables for males. Rates are set-forward one year.
  - · Healthy females Based on the 1994 Uninsured Pensioners Mortality Tables for females. Rates are set-forward one year.
  - Disabled males and females 1965 Railroad Retirement Board Disabled Life Table. Rates are set-back one year for males and 5 years for females.

Sample rates are shown below:

Expected Deaths 1	per 100 L	ives
-------------------	-----------	------

Healthy Males	Healthy Females	Disabled Males	Disabled Females
(2)	(3)	(6)	(7)
0.07	0.03	4.41	4.41
0.09	0.04	4.41	4.41
0.09	0.05	4.41	4.41
0.12	0.08	4.41	4.41
0.19	0.11	4.43	4.41
0.31	0.17	4.50	4.44
0.53	0.28	4.72	4.53
0.97	0.55	5.21	4.78
1.75	1.04	5.92	5.33
2.79	1.61	7.14	6.11
4.39	2.72	9.06	7.47
7.38	4.73	12.16	9.55
	0.07 0.09 0.09 0.12 0.19 0.31 0.53 0.97 1.75 2.79 4.39	(2) (3)  0.07 0.03 0.09 0.04 0.09 0.05 0.12 0.08 0.19 0.11 0.31 0.17 0.53 0.28 0.97 0.55 1.75 1.04 2.79 1.61 4.39 2.72	(2)       (3)       (6)         0.07       0.03       4.41         0.09       0.04       4.41         0.09       0.05       4.41         0.12       0.08       4.41         0.19       0.11       4.43         0.31       0.17       4.50         0.53       0.28       4.72         0.97       0.55       5.21         1.75       1.04       5.92         2.79       1.61       7.14         4.39       2.72       9.06

### f. Termination Rates and Disability Rates

Termination rates (for causes other than death, disability or retirement):

Termination rates are a function of the member's age and service. Termination rates are not applied after a member becomes eligible for a retirement benefit.

Rates at selected ages are shown below.

Probability of Decrement Due to Withdrawal - Male Members

Years of Service											
Age	0	1	2	3	4	5	6	7	8	9	10+
20	0.3384	0.2667	0.2137	0.1759	0.1499	0.1290	0.1173	0.1177	0.1264	0.1350	0.1518
30	0.2555	0.2043	0.1644	0.1352	0.1147	0.0995	0.0895	0.0848	0.0839	0.0840	0.0876
40	0.1893	0.1506	0.1197	0.0971	0.0812	0.0703	0.0622	0.0554	0.0494	0.0445	0.0396
50	0.1483	0.1141	0.0873	0.0676	0.0540	0.0451	0.0390	0.0341	0.0297	0.0249	0.0191
60	0.1271	0.0931	0.0677	0.0471	0.0327	0.0239	0.0201	0.0209	0.0246	0.0246	0.0261

# Probability of Decrement Due to Withdrawal - Female Members

#### Years of Service

Age	0	1	2	3	4	5	6	7	8	9	10+
20	0.2955	0.2470	0.2142	0.1877	0.1687	0.1515	0.1353	0.1251	0.1235	0.1286	0.1385
30	0.2288	0.1931	0.1638	0.1416	0.1251	0.1121	0.1013	0.0931	0.0875	0.0833	0.0795
40	0.1708	0.1423	0.1167	0.0990	0.0860	0.0769	0.0703	0.0640	0.0567	0.0478	0.0368
50	0.1302	0.1019	0.0824	0.0676	0.0579	0.0514	0.0466	0.0421	0.0367	0.0296	0.0207
60	0.1064	0.0705	0.0634	0.0481	0.0405	0.0348	0.0297	0.0270	0.0268	0.0281	0.0303

#### Rates of Decrement Due to Disability

Age	Males	Females
20	.00045	.00043
25	.00045	.00043
30	.00045	.00043
35	.00054	.00051
40	.00081	.00077
45	.00162	.00153
50	.00360	.00340
55	.00765	.00723
60	.01566	.01479

Rates of disability are reduced to zero once a member becomes eligible for retirement.

Service Connected Deaths and Disabilities assumed to be 10% of decrement

### 6. Other Assumptions

- a. Percent married: 70% of employees are assumed to be married. (No beneficiaries other than the spouse assumed)
- b. Age difference: Male members are assumed to be three years older than their spouses, and female members are assumed to be three years younger than their spouses.
- c. Percent electing annuity on death (when eligible): All of the spouses of vested, married participants are assumed to elect an annuity.
- d. Percent electing deferred termination benefit: Vested terminating members are assumed to elect a refund or a deferred benefit, whichever is more valuable at the time of termination.
- There will be no recoveries once disabled.
- f. No surviving spouse will remarry and there will be no children's benefit.
- g. Assumed age for commencement of deferred benefits: Members electing to receive a deferred benefit are assumed to commence receipt at the first age at which unreduced benefits are available.
- h. Administrative expenses: The assumed investment return rate represents the anticipated net return after payment of all investment and administrative expenses.
- i. Pay increase timing: Beginning of (fiscal) year. This is equivalent to assuming that reported pays represent amounts paid to members during the year ended on the valuation date.
- j. Decrement timing: Decrements of all types are assumed to occur mid-year.
- k. Eligibility testing: Eligibility for benefits is determined based upon the age nearest birthday and service nearest whole year on the date the decrement is assumed to occur.
- 1. Decrement relativity: Decrement rates are used directly from the experience study, without adjustment for multiple decrement table effects.

- m. Incidence of Contributions: Contributions are assumed to be received continuously throughout the year based upon the computed percent of payroll shown in this report, and the actual payroll payable at the time contributions are made.
- n. Benefit Service: All members are assumed to accrue 1 year of service each year. Exact fractional service is used to determine the amount of benefit payable.

#### 7. Participant Data

Participant data was supplied on electronic files. There were separate files for (i) active, (ii) inactive members, and (ii) members and beneficiaries receiving benefits.

The data for active members included birth date, sex, date of credited service, salary paid during last fiscal year, hours worked by the employee, and employee contribution amounts. For retired members and beneficiaries, the data included date of birth, sex, amount of monthly benefit, and date of retirement. Also included was Group and Drop data.

All healthy and disabled retirees are assumed to have 100% joint and survivor, prorated by the 70% marriage assumption and reflecting the 3 year spousal age differential. All non-children beneficiaries are assumed to have life only benefits and all children beneficiaries' annuities are assumed to stop at age 21.

Salary supplied for the current year was based on the earnings for the year preceding the valuation date. This salary was adjusted by the salary increase rate for one year. For members who worked less than 1900 hours but were not new entrants, the salary was annualized to 1900 hours.

In fiscal years when a 27th pay period occurs the individual pays for employees who were employed throughout the year be adjusted by multiplying their reported pay by the ratio of 26/27. In years that have only 26 pay periods no adjustment would be needed.

Assumptions were made to correct for missing, bad, or inconsistent data. These had no material impact on the results presented.

#### 8. Group Transfers

5% of current Group B members are assumed to transfer to Group A each year for the next four years, ultimately resulting in 20% of current Group B members transferring to Group A.

All Group B members who are assumed to transfer to Group A and all current Group A members with convertible Group B service are assumed not to convert their Group B service to Group A service. The conversion price is determined on an actuarially equivalent basis and therefore it should be non-material to HMEPS.

# **Summary of Plan Provisions**

### 1. Covered Members

Any person who is a participant of Group A, under the original act.

Persons who became employees of the City of Houston after September 1, 1981 and prior to September 1, 1999, and elected officials of the City of Houston who assumed office after September 1, 1981 and prior to September 1, 1999, participate in Group B, but may make an irrevocable election to participate in Group A instead.

Persons who become employees of the City and persons who are elected as City officials after September 1, 1999 become members of Group A. Certain persons who were or became a Director of a City Department, Chief Financial Executive, or Executive Director of HMEPS on or after September 1, 1999 and prior to January 1, 2005 participate in Group C. Effective January 1, 2005, all Group C participation ceased and all Group C participants became Group A participants. Accruals earned by Group C participants prior to January 1, 2005 are retained, but all future accruals are based on the Group A formulas.

All future references to Group C participants in this appendix are intended to reflect this change in the Group C status.

#### 2. Monthly Final Average Salary (FAS)

The sum of the seventy-eight highest biweekly salaries paid to a member during his period of credited service, divided by thirty-six. Salary includes base pay, longevity pay, and any shift differential pay.

#### 3. Credited Service

All services and work performed by an employee, including prior service. For members of Group A and former Group C, all services and work performed after September 1, 1943 must have been accompanied by corresponding contributions to HMEPS by the employee or legally authorized repayments must have been made.

Credited service for former participants in Group C means the number of years of eligible service after the executive official's effective date of participation in Group C. A former Group C member receives two times the number of actual years of credited service in Group C solely for the purpose of fulfilling the eligibility requirements in Group C.

#### 4. Normal Retirement

a. Eligibility Prior to January 1, 2005 (with 68 points as of January 1, 2005):

The earliest of:

age 62 and 5 years of Credited Service5 years of Credited Service, and age plus years of Credited Service equal 70 or moreage 65 (Group C only)

On or after January 1, 2005 (less than 68 points as of January 1, 2005):

The earliest of:

age 62 and 5 years of Credited Service5 years of Credited Service, and age plus years of Credited Service equal 75 or more with minimum age 50

## b. Benefit Prior to August 1, 2000:

Group A: 2.25% of FAS for each of the first 20 years of Credited Service, plus 2.75% of FAS for each year of Credited Service over 20, to a maximum of 80% of FAS. Minimum monthly benefit is greater of \$8 times years of Credited Service or \$100.

Group B: 1.50% of FAS for each of first 10 years of Credited Service, plus 1.75% of FAS for each year of Credited Service over 10 through 20, plus 2.00% of FAS for each year of Credited Service over 20, to a maximum of 80% of FAS.

## On or after August 1, 2000 and prior to May 11, 2001:

Group A: 2.50% of FAS for each of the first 20 years of Credited Service plus 3.25% of FAS for each year Credited Service greater than 20 years. Maximum benefit is 80% of FAS. Minimum monthly benefit is greater of \$8 times years of Credited Service or \$100.

Group B: 1.75% of FAS for each of the first 10 years of Credited Service plus 2.00% of FAS for each year of Credited Service from 10 through 20, and 2.50% of FAS for each year of Credited Service over 20. Maximum benefit is 80% of FAS for all future retirees.

Group C: Double the rate for Group A

### On or after May 11, 2001 and prior to January 1, 2005:

Group A: 3.25% of FAS for each of the first 10 years of Credited Service plus 3.50% for Credited Service greater than 10 years but less than 20 years plus 4.25% for FAS for each year of Credited Service greater than 20 years (excludes current DROP participants). Maximum benefit is 90% of FAS for all future retirees.

Group B: 1.75% of FAS for each of the first 10 years of Credited Service plus 2.00% of FAS for each year of Credited Service from 10 through 20, and 2.75% of FAS for each year of Credited Service over 20. Maximum benefit is 90% of FAS for all future retirees.

Group C: Double the rate for Group A

All accruals after January 1, 2005:

All accruals under the prior multipliers were frozen as of January 1, 2005 and the following benefit multipliers will apply to service after that date:

Group A: 2.50% of FAS for each of the first 20 years of Credited Service plus 3.25% of FAS for each year Credited Service greater than 20 years. Maximum benefit is 90% of FAS for all future retirees.

Group B: 1.75% of FAS for each of the first 10 years of Credited Service plus 2.00% of FAS for each year of Credited Service from 10 through 20, and 2.50% of FAS for each year of Credited Service over 20. Maximum benefit is 90% of FAS for all future retirees.

#### 5. Vested Pension

a. Eligibility 5 years of Credited Service.

b. Benefit Group A and Group C: Either the accrued normal retirement benefit with payments beginning at the

normal retirement eligibility date or a refund of employee contributions, if any, without interest.

Group B: Accrued normal retirement benefit payable at the normal retirement eligibility date.

If the actuarial present value of a pension is less than \$10,000, a terminated participant who is not eligible to begin receiving a pension may request an early lump sum distribution of the pension. Such early lump sum distribution is irrevocable. Credited Service associated therewith can be reinstated after reemployment and pursuant to the rules of the plan.

#### 6. Withdrawal Benefit

If a nonvested member withdraws from service with less than 5 years, a refund of the member's contributions is made without interest, upon request.

#### 7. Service-Connected Disability Retirement

a. Eligibility Any age

b. Benefit Group A: Accrued normal retirement benefit, but not less than 20% of final monthly salary at time

of disability plus 1% of final monthly salary per year of Credited Service, to a maximum of 40%

of final monthly salary.

Group B: Accrued normal retirement benefit, but not less than 20% of final monthly salary at time

of disability.

#### 8. Nonservice-Connected Disability Retirement

a. Eligibility 5 years of Credited Service.

b. Benefit Accrued normal retirement benefit payable immediately.

#### 9. Pre-retirement Survivor Benefits

A. Service-connected

a. Eligibility Any age or Credited Serviceb. Benefit Prior to September 1, 1999:

If there is a surviving spouse, 80% of FAS payable to the spouse plus 10% of FAS to each qualifying dependent to a maximum of 20% for all dependents. If there is no surviving spouse, dependent benefits are doubled.

### On or after September 1, 1999:

If there is a surviving spouse, 100% of FAS payable to the spouse. 10% of FAS is payable to each qualifying dependent to a maximum of 20% for all dependents. Surviving spouse's benefit will be reduced by the amount of dependent benefits. If no surviving spouse, dependent benefits are 50% of the amount a surviving spouse would have received for each dependent to a maximum of 100% for all dependents in the aggregate.

#### B. Non service-connected

- a. Eligibility 5 years of Credited Service
- b. Benefit Prior to September 1, 1999:

If there is a surviving spouse, 50% of accrued normal retirement benefit payable to the spouse plus 10% of accrued normal retirement benefit to each qualifying dependent to a maximum of 20% for all dependents. If there is no surviving spouse, dependent benefits are doubled.

### On or after September 1, 1999 and prior to August 1, 2001:

If there is a surviving spouse, 85% of accrued normal retirement benefit payable to the spouse plus 10% of accrued normal retirement benefit to each qualifying dependent to a maximum of 20% for all dependents in the aggregate. The surviving spouse's benefit will be reduced by the excess, if any, over 100% of the accrued normal retirement benefit. If there is no surviving spouse, dependent benefits are 50% of the benefit a surviving spouse would have received for each dependent subject to 100% of a surviving spouse's benefit for all dependents in the aggregate.

#### On or after August 1, 2001:

If there is a surviving spouse, 100% of accrued normal retirement benefit payable to the spouse and 10% of accrued normal retirement benefit to each qualifying dependent to a maximum of 20% for all dependents in the aggregate. The surviving spouse's benefit will be reduced by dependent benefits, if any. If there is no surviving spouse, each dependent will receive 50% of the benefit a surviving spouse would have received subject to a maximum of 100% of a surviving spouse's benefit for all dependents in the aggregate.

## 10. Postretirement Survivor Benefits

## Prior to September 1, 1999:

If there is a surviving spouse, 75% of the retirement benefit the deceased retiree was receiving at the time of death payable to the spouse plus 10% of that retirement benefit payable to each qualifying dependent to a maximum of 20% for all dependents. If there is no surviving spouse, dependent benefits are double.

#### On or after September 1, 1999 and prior to August 1, 2001:

If there is a surviving spouse, 85% of the retirement benefit the deceased retiree was receiving at the time of death payable to the spouse plus 10% of that retirement benefit payable to each qualifying dependent to a maximum of 20% for all dependents. The surviving spouse's benefit will be reduced by dependent benefits, if any. If there is no surviving spouse, dependent benefits are 50% of the benefit a surviving spouse would have received for each dependent subject to 100% of a surviving spouse's benefit for all dependents in the aggregate.

### On or after August 1, 2001:

If there is a surviving spouse, 100% of the retirement benefit if the deceased retiree was receiving at the time of death payable to the spouse and 10% of that retirement benefit payable to each qualifying dependent to a maximum of 20% for all dependents. The surviving spouse's benefit will be reduced by dependent benefits, if any. If there is no surviving spouse, each dependent will receive 50% of the benefit a surviving spouse would have received subject to 100% of a surviving spouse's benefit for all dependents in the aggregate.

### 11. Benefit Adjustments

#### Prior to May 11, 2001:

Each year, effective February 1, monthly benefits will be increased 3.5%, not compounded, for all retirees and survivors whose benefit was effective on or before January 1 of the current year.

## On or after May 11, 2001 but before January 1, 2005:

Each year, effective February 1, monthly benefits will be increased 4.0%, not compounded, for all retirees and survivors whose benefit was effective on or before January 1 of the current year.

### On or after January 1, 2005:

Each year, effective February 1, monthly benefits will be increased 3.0%, not compounded, for all retirees and survivors. This will affect all members currently in payment status and members who enter payment status in the future. For members hired on or after January 1, 2005 future increases will be 2.0%, not compounded. However, pre-2005 retirees who are rehired will receive a 3% COLA on their subsequent benefit instead.

#### 12. Contribution Rates.

a. Members

5% of salary only for the Group A members. None for the Group B members.

b. City

Beginning in 1993, the rate required to fund the Retirement Fund on an actuarial reserve basis. However, effective September 1, 1999, the minimum contribution rate is equal to the greater of 10% of covered payroll or twice the contribution rate a Group A member is required to make by statute. As negotiated in the meet and confer agreement, the city contributions will be \$69 million for FY2006 and \$72 million for FY2007.

#### 13. Deferred Retirement Option

a. Eligibility

Participants who are eligible to retire but who have not retired and who remain in service with the City may participate in the DROP.

b. Monthly DROP

Credit

An amount equal to the accrued normal retirement benefit as of the effective date of DROP participation. The Monthly DROP Credit is credited to a notional account (DROP Account) on the last calendar day each month.

c. DROP Credits-

Interest

Interest is credited to the DROP Account at the beginning of each day based on the DROP Account balance at the end of the previous day and posted monthly on the last calendar day of each month. Effective January 1, 2005, the annual interest rate effective beginning January 1 each year is half of HMEPS' investment return percentage for the prior fiscal year, not less than 2.5% and not greater than 7.5%.

#### d. DROP Credits-

#### **COLA**

### Prior to May 11, 2001:

Adjustments: The Monthly DROP Credit for participants who entered the DROP effective on or before January 1 of the then current year is increased effective February 1 each year by 3.5%, not compounded.

On or after May 11, 2001 but prior to January 1, 2005:

The Monthly DROP Credit for participants who entered the DROP effective on or before January 1 of the then current year is increased effective February 1 each year by 4.0%, not compounded.

#### On or after January 1, 2005:

The Monthly DROP Credit for participants who entered the DROP effective on or before January 1 of the then current year will be increased effective February 1 each year by 3.0%, not compounded.

The Monthly DROP Credit for participants who were first hired on or after January 1, 2005 who entered the DROP effective on or before January 1 of the then current year will be increased effective February 1 each year by 2.0%, not compounded.

#### e. DROP Account

Balance

The sum of a participant's Monthly DROP (DROP Benefit) Credits, Monthly DROP Credit Adjustments, applicable interest, and employee contributions as applicable.

#### 14. DROP Benefit Pay-out

A terminated DROP participant may elect to:

- a. Receive the entire DROP Account Balance in a lump sum.
- b. Receive the DROP Account Balance in periodic payments as approved by the Pension Board.
- c. Receive a portion of the DROP Account balance in a lump sum and the remainder in periodic payments as approved by the Pension Board.
- d. Receive a partial payment of not less than \$1,000, no more than once each calendar year.
- e. Defer election of a payout option until a future date.

#### 15. Post DROP Retirement

The Final Pension is the accrued normal retirement benefit as of the effective date of DROP participation, increased with COLAs since DROP entry.

# **Changes in Plan Provisions Since Prior Year**

None.

## STATISTICAL SECTION

SCHEDULE OF AVERAGE BENEFIT PAYMENT AMOUNTS FOR THE TEN YEARS ENDED JUNE 30, 2006

SCHEDULE OF BENEFITS BY TYPE (\$000) FOR THE TEN YEARS ENDED JUNE 30, 2006

SCHEDULE OF ANNUITANTS BY TYPE

HISTORICAL ACTIVE PARTICIPANT DATA

SCHEDULE OF CHANGES IN PLAN NET ASSETS (\$000)

## SCHEDULE OF AVERAGE BENEFIT PAYMENT AMOUNTS FOR THE TEN YEARS ENDED JUNE 30, 2006

	Number Receiving	Benefits Paid	Average Annual
Year Ended	Benefits	(\$000)	Benefit
June 30, 1997	4,740	40,981	8,646
June 30, 1998	4,870	43,394	8,911
June 30, 1999	4,999	46,732	9,348
June 30, 2000	5,104	50,142	9,824
June 30, 2001	5,457	57,877	10,606
June 30, 2002	5,928	72,256	12,189
June 30, 2003	6,215	84,519	13,599
June 30, 2004	6,878	107,083	15,569
June 30, 2005	7,523	123,211	16,378
June 30, 2006	7,780	135,688	17,441

# SCHEDULE OF BENEFITS BY TYPE (\$000) FOR THE TEN YEARS ENDED JUNE 30, 2006\*

	Normal	Disability		
Fiscal Year	Retirement	Retirement	Survivors'	Total
Ended	Benefits	Benefits	Benefits	Benefits
June 30, 1996	31,511	2,777	4,527	38,815
June 30, 1998	34,792	3,062	5,540	43,394
June 30, 1999	37,370	3,320	6,061	46,751
June 30, 2000	39,836	3,490	6,816	50,142
June 30, 2001	46,867	3,555	7,455	57,877
June 30, 2002	59,746	3,638	8,872	72,256
June 30, 2003	71,246	3,715	9,558	84,519
June 30, 2004	92,766	3,832	10,485	107,083
June 30, 2005	108,217	3,762	11,232	123,211
June 30, 2006	119, 287	3,658	12,743	135,688

<sup>\*</sup> There was no actuarial valuation done in FY1997.

## **SCHEDULE OF ANNUITANTS BY TYPE**

	June 30, 2006			June 30, 2005			
Schedule of Annuitants by Type	Number	Benefits (\$000)	Average Benefit	Number	Benefits (\$000)	Average Benefit	
Retirees receiving benefits	5,847	119,287	20,401	5,592	108,217	19,352	
Retired on disability	452	3,658	8,093	483	3,762	7,788	
Survivors and beneficiaries	1,481	12,743	8,604	1,448	11,232	7,757	
Total retirees, survivors and beneficiaries	7,780	135,688	17,441	7,523	123,211	16,378	
Former participants eligible but not yet receiving benefits	2,786	16,531	5,934	2,659	14,228	5,351	
Total Eligible for Benefits	10,566	152,219	14,406	10,182	137,439	13,500	

## HISTORICAL ACTIVE PARTICIPANT DATA

Valuation Date			Average Salary (\$)	•		
July 1, 1995	14,364	378,511	26,351	0.8		
July 1, 1996	14,067	367,610	26,133	(0.8)		
July 1, 1998 <sup>1</sup>	13,764	394,919	28,692	9.8		
July 1, 19991	13,286	396,617	29,852	4.0		
July 1, 20001	13,126	421,591	32,119	7.6		
July 1, 2001 <sup>1</sup>	12,928	413,021	31,948	(0.5)		
July 1, 2002	12,527	399,794	31,915	(0.1)		
July 1, 2003	12,120	390,314	32,204	0.9		
July 1, 2004	11,856	366,190	30,886	(4.1)		
July 1, 2005	11,974	404,565 <sup>2</sup>	33,7872	9.4		
July 1, 2006	12,145	422,496	34,788	2.3		

## SCHEDULE OF CHANGES IN PLAN NET ASSETS (\$000)

	2007	2006	2005	2004	2003	2002	2001	2000
Additions								
Employer contributions	70,265	66,968	363,247*	57,308	40,622	40,758	41,298	38,306
Member contributions	20,966	21,888	23,488	26,189	23,762	13,476	8,532	7,341
Investment Income	337,259	272,766	184,419	227,361	33,931	(108,024)	(65,147)	270,991
Other Income	29,031	26,950	17,250	726	114	286	643	407
Total additions to plan net assets	457,521	388,572	588,404	311,584	98,429	(53,504)	(14,674)	317,045
Deductions								
Benefit payments	157,716	154,311	175,480	153,202	98,789	78,318	58,296	50,142
Refund of contributions	1,398	1,037	992	635	475	270	308	337
Professional service fees	883	708	1,088	712	366	396	324	263
Cost of administration	5,223	5,072	4,718	4,500	4,299	3,662	2,367	2,143
Total deductions from plan net assets	165,220	161,128	182,278	159,049	103,929	82,646	61,295	52,885
Change in net assets	292,301	227,444	406,126	152,535	(-5,500)	(136,150)	(75,969)	264,160

<sup>\*</sup> Includes \$300 million pension obligation note.

Does not include DROP participants
 Beginning with 2005, a change in methodology now annualizes payroll for new entrants. If the methodology had not been changed, the covered payroll for 2005 would have been \$376,208,345 and the average payroll would have been \$31,419.

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