



# Comprehensive Annual Financial Report

Fiscal Year Ended  
June 30, 2011



TEACHERS  
RETIREMENT  
SYSTEM OF  
GEORGIA

A COMPONENT UNIT OF  
THE STATE OF GEORGIA



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Fiscal Year Ended  
June 30, 2011

Jeffrey L. Ezell  
Executive Director



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RETIREMENT  
SYSTEM OF  
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THE STATE OF GEORGIA

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# Certificate of Achievement

## Certificate of Achievement for Excellence in Financial Reporting

Presented to

### Teachers Retirement System of Georgia

For its Comprehensive Annual  
Financial Report  
for the Fiscal Year Ended  
June 30, 2010

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.



President

Executive Director

# Public Pension Standards Award



Public Pension Coordinating Council

***Public Pension Standards Award  
For Funding and Administration  
2010***

Presented to

***Teachers Retirement System of Georgia***

In recognition of meeting professional standards for  
plan funding and administration as  
set forth in the Public Pension Standards.

*Presented by the Public Pension Coordinating Council, a confederation of*

National Association of State Retirement Administrators (NASRA)  
National Conference on Public Employee Retirement Systems (NCPERS)  
National Council on Teacher Retirement (NCTR)

A handwritten signature in cursive script that reads "Alan H. Winkle".

Alan H. Winkle  
Program Administrator

# Board of Trustees

## as of December 1, 2011



Dr. L. C. Evans\*  
**CHAIR**  
TRS Member  
Appointed by the Governor  
Term Expires 6/30/12



Mr. Russell W. Hinton\*  
**VICE-CHAIR**  
State Auditor  
Ex-Officio



Mr. Brad Dunagan  
Citizen of the State  
Appointed by the Governor  
Term Expires 6/30/14



Dr. Virginia J. Dixon\*  
Retired Teacher  
Elected by the Board of Trustees  
Term Expires 6/30/12



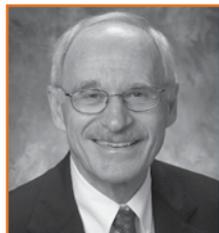
Ms. Jennifer W. Frisch  
Classroom Teacher  
Appointed by the Governor  
Term Expires 6/30/14



Mr. Steve McCoy\*  
State Treasurer  
Ex-Officio



Mr. Thomas W. Norwood\*  
Investment Professional  
Elected by the Board of Trustees  
Term Expires 6/30/14



Dr. Ralph E. Steuer  
TRS Member  
Appointed by the Board of Regents  
Term Expires 6/30/12



Mr. J. Alvin Wilbanks\*  
Administrator  
Appointed by the Governor  
Term Expires 6/30/13



Ms. Rachel L. Willis  
Classroom Teacher  
Appointed by the Governor  
Term Expires 6/30/12

\* Investment Committee Member

# Letter of Transmittal



**Jeffrey L. Ezell**  
Executive Director

December 16, 2011  
Board of Trustees  
Teachers Retirement System of Georgia  
Atlanta, Georgia

I am pleased to present the Comprehensive Annual Financial Report of the Teachers Retirement System of Georgia (the “System”) for the fiscal year ended June 30, 2011. Responsibility for both the accuracy of the data, and completeness and fairness of the presentation, including all disclosures, rests with the management 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 operations of the System. I trust that you will find this report helpful in understanding your retirement system.

## **Certificate of Achievement**

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Teachers Retirement System of Georgia for its Comprehensive Annual Financial Report for the fiscal year ended June 30, 2010. This was the 23rd consecutive year that the System has achieved this prestigious award.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized Comprehensive Annual Financial Report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. We believe our current Comprehensive Annual Financial Report continues to meet the

Certificate of Achievement Program’s requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

## **History and Overview**

The System was created in 1943, by an act of the Georgia General Assembly to provide retirement security to those individuals who choose to dedicate their lives to educating the children of the State of Georgia, and began operations in 1945. A summary of the System’s provisions is provided on pages 10-12 of this report.

The System is the largest public pension fund in the State of Georgia, the 24th largest public pension fund in the United States and the 53rd largest pension fund in the world.

The System is governed by a ten-member Board of Trustees which appoints the Executive Director who is responsible for the administration and operations of the System, which serves more than 394,000 active and retired members, and 399 employers.

## **Financial Information**

The management of the System is charged with the responsibility of maintaining a sound system of internal accounting controls. The objectives of such a system are to provide management with reasonable assurance that assets are safeguarded against loss from unauthorized use or disposition, that transactions are executed in accordance with management’s authorizations, and that they are recorded properly

# Letter of Transmittal

to permit the preparation of financial statements in accordance with generally accepted accounting principles. Even though there are inherent limitations in any system of internal control, the management of the System makes every effort to ensure that through systematic reporting and internal reviews, errors or fraud would be quickly detected and corrected.

Please refer to Management's Discussion and Analysis starting on page 14 of this report for an overview of the financial status of the System, including a summary of the System's Net Assets, Changes in Net Assets, and Asset Allocations.

**INVESTMENTS** — The System has continued to invest in a mix of high quality bonds and stocks as it historically has done. These types of investments have allowed the System to participate in rising markets, while moderating the risks on the downside. New funds continue to be invested in high quality securities. A high quality balanced fund has proven to be a successful strategy in a variety of markets over a long period of time.

As in previous years, maintaining quality was a primary goal and was successfully met. "Conservation of Capital" and "Conservatism" continue to be the principal guides in investment decisions. The System continued to use a diversified portfolio to accomplish these objectives.

**FUNDING** — The System's funding policy provides for employee and employer contributions at rates, expressed as a percentage of annual covered payroll, that are sufficient to provide resources to pay benefits when due.

A useful indicator of the funded status of a retirement system is the relationship between the actuarial value of assets and the actuarial accrued liabilities. The System continues to remain strong as evidenced by the ratio of the actuarial value of assets to the actuarial accrued liabilities. This ratio was 85.7% for the fiscal year ended June 30, 2010. The ultimate test of the financial soundness of a retirement system

is its ability to pay all promised benefits when due. I am proud to say that through the continued wisdom and the support of Governor Nathan Deal and the Georgia General Assembly, the System has been and will continue to be funded on an actuarially sound basis, thus providing the membership the comfort and security they expect from their retirement system.

## Initiatives

The System continuously looks for innovative ways to make the services it provides to its members faster, friendlier, and easier by a continued focus on providing excellent customer service throughout the System.

This year, the System enhanced its online presence by implementing a LiveChat feature on our website. TRS members and visitors, who have non-account specific questions, can chat live with a customer service representative without having to pick up the phone. This new method of communication allows customers to quickly obtain information that they might have otherwise not sought out due to lack of time or opportunity.

New brochures were created to provide detailed information on some of the most requested information: Partial Lump-Sum Option, Purchasing Service Credit, Requesting a Refund, TRS and Social Security, Unused Sick Leave, and Working-After-Retirement.

The annual membership statements, that provide current account information and retirement projections to members, were enhanced with additional information. The statement now identifies the type of service a member has earned or purchased (Military, Out-of-State, etc.). Also, the statement lists outstanding service purchase inquiries for members who have requested a costing to purchase service but did not complete the purchase as a reminder if they should want an updated costing.

We engaged in multiple efforts to upgrade the security and efficiency of our systems. The infrastructure for our disaster recovery systems was upgraded. We

# Letter of Transmittal

decreased the number of physical servers in our datacenter, by converting to virtual machines which are connected to physical server hosts resulting in a thirty percent reduction in servers.

The online reporting website used by employers to report employee and employer contributions was enhanced to identify errors prior to submission, allowing contributions to be posted in a more timely and accurate manner. We also implemented a new ACH payment solution that allows employers to securely pay monthly contributions online. This enhancement provides TRS staff with the ability to proactively manage, authorize, and settle transactions in real-time.



## Other Information

**INDEPENDENT AUDIT** — The Board of Trustees requires an annual audit of the financial statements of the System by independent, certified public accountants. The accounting firm of KPMG LLP was selected by the Board. The independent auditors' report on the statements of plan net assets and the related statements of changes in plan net assets is included in the Financial Section of this report.

**ACKNOWLEDGMENTS** — The compilation of this report reflects the combined effort of the staff under the leadership of the Board of Trustees. It is intended to provide complete and reliable information as a basis for making management decisions, as a means of determining compliance with legal provisions, and as a means for determining responsible stewardship of the assets contributed by the System's members, their employers, and the State of Georgia.

Copies of this report can be obtained by contacting the System, or may be downloaded from the System's website.

I would like to take this opportunity to express my gratitude to Governor Nathan Deal, members of the Georgia General Assembly, the staff, the advisors, and to the many people who have worked so diligently to ensure the successful operation of the System.

Sincerely,

A handwritten signature in black ink, appearing to read "Jeffrey L. Ezell". The signature is fluid and cursive, written over a light gray background.

Jeffrey L. Ezell  
Executive Director

# Your Retirement System

<b>Financial Highlights</b>	<b>June 30,</b>		<b>% Change</b>
	<b>2011</b>	<b>2010</b>	
Member Contributions	\$ 604,126,000	\$ 592,264,000	+ 2.0
Employer Contributions	\$ 1,089,912,000	\$ 1,057,416,000	+ 3.1
Interest and Dividend Income	\$ 1,237,026,000	\$ 1,236,647,000	–
Benefits Paid to Retired Members	\$ 3,041,503,000	\$ 2,800,424,000	+ 8.6
Member Withdrawals	\$ 67,916,000	\$ 53,638,000	+ 26.6
Interest Credited to Member Contributions	\$ 263,206,000	\$ 253,031,000	+ 4.0

## **Statistical Highlights**

Active Membership	216,167	222,046	– 2.6
Members Leaving the System	8,106	6,944	+ 16.7
Retired Members	92,180	87,017	+ 5.9
Average Monthly Benefit	\$ 2,750	\$ 2,682	+ 2.5



INTRODUCTORY SECTION

# System Assets

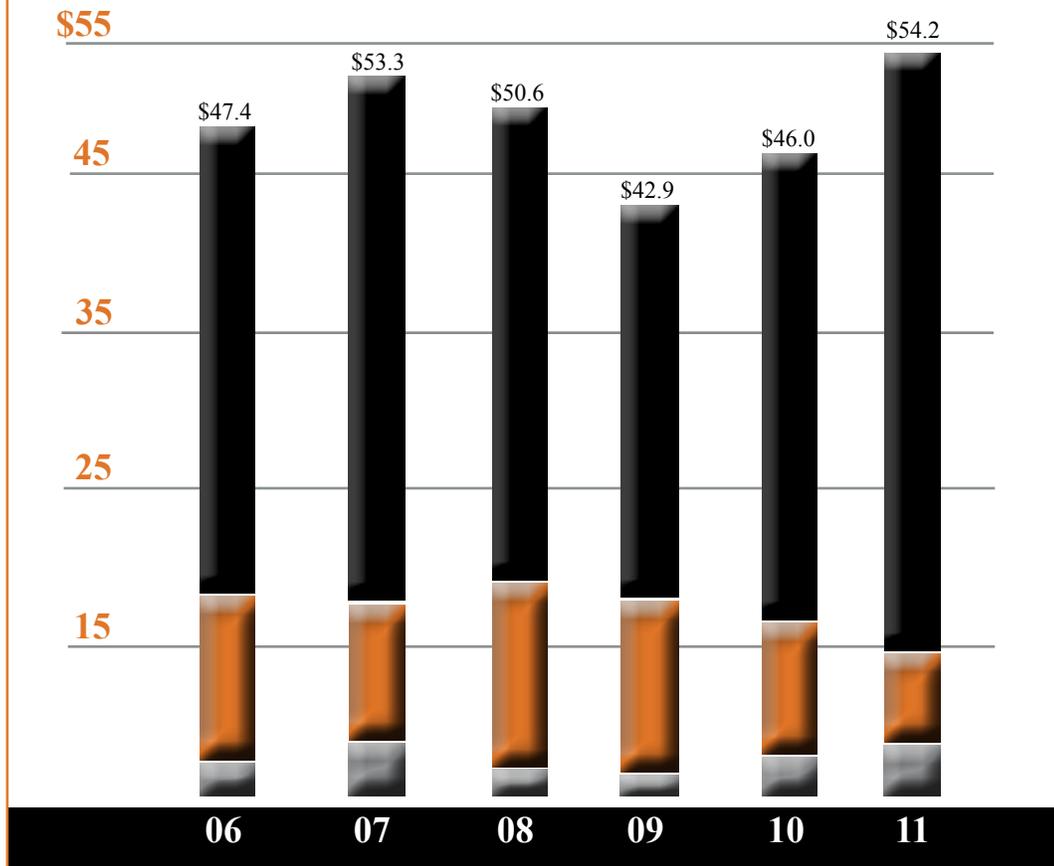
## Total System Assets at June 30 (in thousands)

	2006	2007	2008	2009	2010	2011
Equities	\$28,654,452	\$32,928,370	\$29,530,826	\$23,733,154	\$28,237,867	\$37,567,598
Fixed Income	17,243,798	17,115,170	19,801,442	17,944,548	16,075,686	14,386,920
Other <sup>(1)</sup>	1,489,478	3,249,443	1,287,660	1,175,665	1,675,244	2,196,449
<b>Total System Assets</b>	<b>\$47,387,728</b>	<b>\$53,292,983</b>	<b>\$50,619,928</b>	<b>\$42,853,367</b>	<b>\$45,988,797</b>	<b>\$54,150,967</b>

<sup>(1)</sup> Includes receivables, cash and cash equivalents, short-term securities, and capital assets, net.

## Growth of Total System Assets (in billions)

■ Equities ■ Fixed Income ■ Other



# Administrative Staff and Organization



Jeffrey L. Ezell  
Executive Director



Stephen J. Boyers  
Chief Financial Officer



Charles W. Cary, Jr.  
Chief Investment Officer  
Investment Services



Diann F. Green  
Director  
Retirement Services



Lisa M. Hajj  
Director  
Communications



Dina N. Jones  
Director  
Member Services



Gregory J. Rooks  
Controller  
Financial Services



J. Gregory McQueen  
Director  
Information Technology



Tonia T. Morris  
Director  
Human Resources



Charles P. Warren  
Director  
Employer Services and  
Contact Management

## Consulting Services

### Actuary

Cavanaugh Macdonald  
Consulting, LLC

### Auditor

KPMG LLP

### Medical Advisors

Gordon J. Azar, M.D.

Atlanta, Georgia

William Biggers, M.D.

Atlanta, Georgia

Pedro Garcia, M.D.

Atlanta, Georgia

Harold Sours, M.D.

Atlanta, Georgia

Ira Slade, M.D.

Griffin, Georgia

Joseph W. Stubbs, M.D.

Albany, Georgia

## Investment Advisors\*

Albritton Capital Management

Barrow, Hanley, Mewhinney

& Strauss

Cooke & Bieler

Fisher Investments

Mesirow Financial Investment

Management

Mondrian Investment Partners Limited

Munder Capital Management

PENN Capital Management

RidgeWorth Capital Management

Sands Capital Management

\* See page 36 in the Investment Section for a summary of fees paid to Investment Advisors.

# Summary of Plan Provisions

## Purpose

The Teachers Retirement System of Georgia (the “System”) was established in 1943, by an act of the Georgia General Assembly for the purpose of providing retirement allowances and other benefits for teachers of this state, and began operations in 1945. The System has the power and privileges of a corporation, and the right to bring and defend actions.

The major objectives of the System are (1) to pay monthly benefits due to retirees accurately and in a timely manner, (2) to soundly invest retirement funds to insure adequate financing for future benefits due and for other obligations of the System, (3) to accurately account for the status and contributions of all active and inactive members, (4) to provide statewide educational and counseling services for System members, and (5) to process refunds due terminated members.

## Administration

State statutes provide that the administration of the System be vested in a ten-member Board of Trustees comprised as follows:

Ex-officio members:

- the State Auditor
- the State Treasurer

Governor’s appointees:

- two active members of the System who are classroom teachers and not employees of the Board of Regents
- one active member of the System who is a public school administrator
- one active member of the System who is not an employee of the Board of Regents
- one trustee to be selected by the Governor

Board of Regents appointee:

- one active member of the System who is an employee of the Board of Regents

Trustee appointees:

- one member who has retired under the System
- one individual who is a citizen of the state, not a member of the System and experienced in the investment of money

A complete listing of the current Board of Trustees is included on page 3 of this report.

Management of the System is the responsibility of the Executive Director who is appointed by the Board and serves at its pleasure. On behalf of the Board, the Executive Director is responsible for the proper operation of the System, engaging such actuarial and other services as shall be necessary to transact business, and paying expenses necessary for operations. A listing of the administrative staff is included on page 9 of this report.

## Membership

All personnel in covered positions of the state’s public school systems, technical colleges, Regional Educational Service Agency (RESA) units, and all colleges and universities comprising the University System of Georgia who are employed one-half time or more, except eligible faculty members electing to participate in the Board of Regents of the University System of Georgia Optional Retirement Plan, are required to be members of the System as a condition of employment.

## Eligibility

### Service Retirement

Active members may retire and elect to receive monthly retirement benefits after one of the following conditions: 1) completion of 10 years of creditable service and attainment of age 60, or 2) completion of 25 years of creditable service.

### Disability Retirement

Members are eligible to apply for monthly retirement benefits under the disability provision of the law if they are an active member, have at least 10 years of creditable service, and are permanently disabled.

# Summary of Plan Provisions

## The Formula

### Normal Retirement

Any member who has at least 30 years of creditable service or who has at least 10 years of creditable service and has attained age 60 will receive a benefit calculated by using the percentage of salary formula. Simply stated, two percent (2%) is multiplied by the member's years of creditable service established with the System, including partial years (not to exceed 40 years). The product is then multiplied by the average monthly salary for the two highest consecutive membership years of service. The resulting product is the monthly retirement benefit under the maximum plan of retirement.

### Early Retirement

Any member who has not reached the age of 60 and has between 25 and 30 years of creditable service will receive a reduced benefit. The benefit will be calculated using the percentage of salary formula explained above. It will then be reduced by the lesser of 1/12 of 7% for each month the member is below age 60, or 7% for each year or fraction thereof the member has less than 30 years of creditable service. The resulting product is the monthly retirement benefit under the maximum plan of retirement.

### Disability Retirement

Disability retirement benefits are also calculated using the percentage of salary formula explained above. The resulting product is the monthly disability retirement benefit under the maximum plan. You must have at least 10 years of creditable service to qualify, however, there is no age requirement for disability retirement.

## Plan A - Maximum Plan of Retirement

This plan produces the largest possible monthly benefit payable to the member only during his or her lifetime. There are no survivorship benefits under this plan.

## Plan B - Optional Plans of Retirement

Upon retirement, a member of the System may elect one of six optional plans that provide survivorship benefits. The election of an optional form of payment is made upon application for retirement and it becomes irrevocable upon distribution of the first benefit check. The six options are as follows:

### Option 1

The retiring member accepts a relatively small reduction from the maximum monthly benefit in order to guarantee to the estate, beneficiary or beneficiaries named on the retirement application, a lump-sum refund of any remaining portion of member contributions and interest.

### Option 2

This plan offers the retiring member a reduced monthly benefit, based on the ages of the member and the beneficiary, payable for life. It further provides a guarantee to the surviving named beneficiary that, at the death of the retired member, the beneficiary will receive the same basic monthly retirement allowance the member received at the date of retirement plus any cost-of-living increases the member received up to the time of death.

### Option 2 Pop-Up

Any member may elect a reduced retirement allowance to be designated "Option 2 Pop-Up" with the provision that if the beneficiary dies prior to the retiree that the basic benefit payable to the retiree shall increase to an amount the retiree would have received under Plan A - Maximum Plan.

### Option 3

This plan of retirement offers a reduced monthly benefit that is based on the ages of the member and the beneficiary. The resulting benefit is paid to the retired member for life, with the guarantee to the surviving named beneficiary that at the time of the retired member's death, the beneficiary will receive a payment for life of one-half of the initial monthly benefit received by the member at the time of retirement plus one-half of any cost-of-living increases the member received up to the time of death.

# Summary of Plan Provisions

## Option 3 Pop-Up

Any member may elect a reduced retirement allowance to be designated “Option 3 Pop-Up” with the provision that if the beneficiary dies prior to the retiree, the basic benefit payable to the retiree shall increase to the amount the retiree would have received under Plan A - Maximum Plan.

## Option 4

This option offers a reduced monthly lifetime benefit in exchange for the flexibility to designate a specific dollar amount or percentage of your monthly benefit to be paid to your beneficiary after your death. The beneficiary benefits you specify under this plan cannot cause your monthly benefit to be reduced below 50% of the maximum benefit available to you. If multiple beneficiaries predecease you, the dollar amounts for the percentages are not adjusted. Beneficiaries also receive a prorated share of any cost-of-living increases you received up to the date of death.

## Partial Lump-Sum Option Plan

TRS offers a Partial Lump-Sum Option Plan (PLOP) at retirement. In exchange for a permanently reduced lifetime benefit, a member may elect to receive a lump-sum distribution in addition to a monthly retirement benefit. The age of the member and plan of retirement are used to determine the reduction in the benefit.

A member is eligible to participate in the Partial Lump-Sum Option Plan if he or she meets the following criteria. A member must:

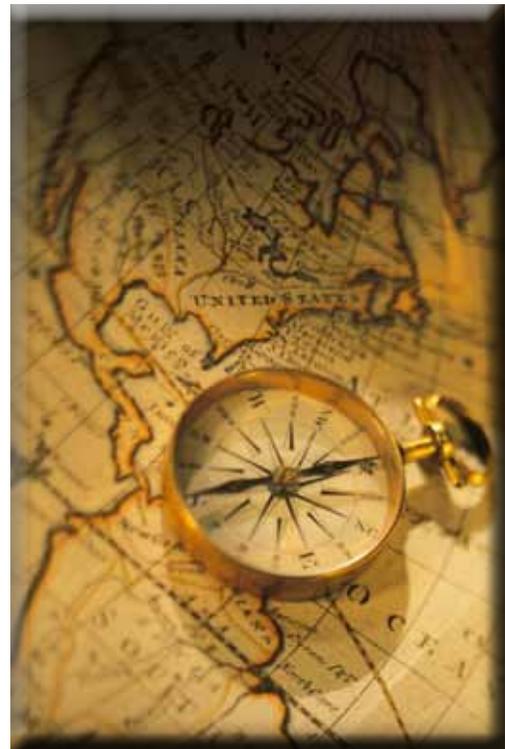
- ◆ have 30 years of creditable service or 10 years of creditable service and attain age 60 (not early retirement).
- ◆ not retire with disability benefits.

At retirement, a member may elect a lump-sum distribution in an amount between 1 and 36 months of his or her normal monthly retirement benefit. This amount will be calculated under Plan A - Maximum Plan of Retirement and will be rounded up and down to be a multiple of \$1,000. If a PLOP distribution is elected, the

monthly benefit is actuarially reduced to reflect the value of the PLOP distribution. The combination of both the PLOP distribution and the reduced benefit are the same actuarial value as the unreduced normal benefit alone.

## Financing the System

The funds to finance the System come from member contributions, 5.53% of annual salary; employer contributions, 10.28% of annual salary; and investment income.



# Independent Auditors' Report



KPMG LLP  
Suite 2000  
303 Peachtree Street, NE  
Atlanta, GA 30308  
www.kpmg.com

The Board of Trustees  
Teachers Retirement System of Georgia:

We have audited the accompanying statements of plan net assets of Teachers Retirement System of Georgia (the System), a component unit of the State of Georgia, as of June 30, 2011 and 2010, and the related statements of changes in plan net assets for the years then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audits.

We conducted our audits in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the 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 financial statements, assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial status of the System as of June 30, 2011 and 2010, and the changes in financial status for the years then ended, in conformity with U.S. generally accepted accounting principles.

In accordance with *Government Auditing Standards*, we have also issued our report dated September 29, 2011 on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audits.

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

Our audits were conducted for the purpose of forming an opinion on the basic financial statements taken as a whole. The introductory section, schedules of administrative expenses and investment expenses, investment, actuarial, and statistical sections are presented for purposes of additional analysis and are not a required part of the basic financial statements. The schedule of administrative expenses has been subjected to the auditing procedures applied in the audit 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. The introductory section, schedule of investment expenses, investment, actuarial, and statistical sections have not been subjected to the auditing procedures applied by us in the audit of the basic financial statements and, accordingly, we express no opinion on them.

KPMG LLP

December 16, 2011

FINANCIAL SECTION

# Management's Discussion and Analysis (Unaudited)

This section provides a discussion and analysis of the financial performance of the Teachers Retirement System of Georgia (the System) for the years ended June 30, 2011 and 2010. The discussion and analysis of the System's financial performance is within the context of the accompanying financial statements and disclosures following this section.

## Financial Highlights

The following highlights are discussed in more detail later in this analysis:

- At June 30, 2011, the System's assets exceeded its liabilities by \$54.1 billion (reported as net assets) as compared to the net assets of \$45.9 billion at June 30, 2010, representing an increase of \$8.2 billion. At June 30, 2010, the System's assets exceeded its liabilities by \$45.9 billion (reported as net assets) as compared to the net assets of \$42.5 billion at June 30, 2009, representing an increase of \$3.4 billion.
- Contributions from members increased by \$11.9 million or 2.0% from \$592.2 million in 2010 to \$604.1 million in 2011. Contributions by employers increased by \$32.5 million or 3.1% from \$1.06 billion in 2010 to \$1.09 billion in 2011. Contributions from members increased by \$24.6 million or 4.3% from \$567.6 million in 2009 to \$592.2 million in 2010. Contributions by employers increased by \$31.1 million or 3.0% from \$1.03 billion in 2009 to \$1.06 billion in 2010. The increases in 2011 and 2010 are due to a contribution rate increase, which offset a decrease in the number of active members during both fiscal years.
- Pension benefits paid to retirees and beneficiaries for the years ended June 30, 2011 and 2010 were \$3.0 billion and \$2.8 billion, representing an increase of 8.6% and an increase of 10.5%, respectively. This is due to increases in the number of retirees and beneficiaries receiving benefit payments and postretirement benefit payments and postretirement benefit adjustments in both years.

## Overview of the Financial Statements

The basic financial statements include (1) the statements of plan net assets, (2) the statements of changes in plan net assets, and (3) notes to the financial statements. The System also includes in this report additional information to supplement the financial statements.

The System prepares its financial statements on an accrual basis in accordance with U.S. generally accepted

accounting principles promulgated by the Governmental Accounting Standards Board (GASB). These statements provide information about the System's overall financial status.

In addition, the System presents two required supplementary schedules, which provide historical trend information about the plan's funding. The two schedules include (1) a schedule of funding progress and (2) a schedule of employer contributions.

## Statements of Plan Net Assets

The *Statements of Plan Net Assets* are the statements of financial position, presenting information that includes all of the System's assets and liabilities, with the balance reported as and representing the *Net Assets Held in Trust for Pension Benefits*. The investments of the System in this statement are presented at fair value. These statements are presented on page 18.

## Statements of Changes in Plan Net Assets

The *Statements of Changes in Plan Net Assets* report how the System's net assets changed during the fiscal year. The additions and the deductions to net assets are summarized in this statement. The additions include contributions and investment income, which includes the net increase in the fair value of investments. The deductions include benefit payments, refunds of member contributions, and administrative expenses. These statements are presented on page 19.

## Notes to the Financial Statements

The accompanying notes to the financial statements provide information essential to a full understanding of the System's financial statements. The notes to the financial statements begin on page 20 of this report.

## Required Supplementary Schedules

A brief explanation of the two required schedules found beginning on page 30 of this report follows:

### *Schedule of Funding Progress*

This schedule includes historical trend information for the last six consecutive fiscal years about the actuarially funded status of the plan from a long-term, ongoing plan perspective, and the progress made in accumulating sufficient assets to pay benefits when due.

### *Schedule of Employer Contributions*

This schedule presents historical trend information for the last six consecutive fiscal years about the annual required contributions of employers and the contributions made by employers in relation to the requirement.

# Management's Discussion and Analysis (Unaudited)

## Financial Analysis of the System

A summary of the System's net assets at June 30, 2011, 2010, and 2009 is as follows (dollars in thousands):

	Net Assets			2011		2010	
	June 30			Amount Change	Percentage Change	Amount Change	Percentage Change
	2011	2010	2009				
<b>Assets:</b>							
Cash and cash equivalents and receivables	\$ 2,192,314	\$ 1,671,441	\$ 1,171,642	\$ 520,873	31.2 %	\$ 499,799	42.7 %
Investments	51,954,518	44,313,553	41,677,702	7,640,965	17.2 %	2,635,851	6.3 %
Capital assets, net	4,135	3,803	4,023	332	8.7 %	(220)	(5.5)%
Total Assets	54,150,967	45,988,797	42,853,367	8,162,170	17.7 %	3,135,430	7.3 %
<b>Liabilities:</b>							
Due to brokers and accounts payable	66,791	63,248	374,784	3,543	5.6 %	(311,536)	(83.1)%
Net Assets	<u>\$ 54,084,176</u>	<u>\$ 45,925,549</u>	<u>\$ 42,478,583</u>	<u>\$ 8,158,627</u>	<u>17.8 %</u>	<u>\$ 3,446,966</u>	<u>8.1 %</u>

The \$8.2 billion increase and \$3.4 billion increase in net assets in 2011 and 2010, respectively, are principally related to the increase in the bond and equities markets. The changes in investments are analyzed in the table below.

The following table presents the investment allocation at June 30, 2011, 2010, and 2009:

	2011	2010	2009
<b>Asset Allocation at June 30 (in percentages)</b>			
Equities:			
Domestic	54.3 %	47.1 %	44.4 %
International	18.0 %	16.6 %	12.6 %
Domestic Obligations:			
U.S. Treasuries	16.9 %	21.6 %	25.2 %
U.S. Agencies	—	1.9 %	2.0 %
Corporate and Other Bonds	8.6 %	10.5 %	15.8 %
International Obligations:			
Governments	1.6 %	1.6 %	—
Corporates	0.6 %	0.7 %	—
<b>Asset Allocation at June 30 (in thousands)</b>			
Equities:			
Domestic	\$ 28,213,774	\$ 20,882,553	\$ 18,493,849
International	9,353,824	7,355,314	5,239,305
Domestic Obligations:			
U.S. Treasuries	8,788,194	9,553,851	10,498,068
U.S. Agencies	—	826,903	857,482
Corporate and Other Bonds	4,478,009	4,675,613	6,588,998
International Obligations:			
Governments	797,514	701,546	—
Corporates	323,203	317,773	—
	<u>\$ 51,954,518</u>	<u>\$ 44,313,553</u>	<u>\$ 41,677,702</u>

# Management's Discussion and Analysis (Unaudited)

## Financial Analysis of the System continued

The total investment portfolio at June 30, 2011 increased \$7.6 billion from June 30, 2010, which is primarily due to the increase in the bond and equities markets in 2011.

The total investment portfolio at June 30, 2010 increased \$2.6 billion from June 30, 2009, which is primarily due to the increase in the bond and equities markets in 2010.

The investment rate of return in fiscal year 2011 was 21.3%, with a 32.2% return for equities and a 3.2% return for fixed income compared to an investment rate of return in fiscal year 2010 of 11.1%, with a 13.8% return for equities and an 8.7% return

for fixed income. The five-year annualized rate of return on investments at June 30, 2011 was 5.3% with a 3.3% return on equities and a 6.9% return on fixed income.

The investment rate of return in fiscal year 2010 was 11.1%, with a 13.8% return for equities and an 8.7% return for fixed income compared to an investment rate of return in fiscal year 2009 of (13.1)%, with a (27.4)% return for equities and a 7.5% return for fixed income. The five-year annualized rate of return on investments at June 30, 2010 was 2.6% with a (0.3)% return on equities and a 5.9% return on fixed income.

A summary of the changes in the System's net assets for the years ended June 30, 2011, 2010, and 2009 is as follows (dollars in thousands):

	Changes in Net Assets			2011		2010	
	2011	2010	2009	Amount Change	Percentage Change	Amount Change	Percentage Change
<b>Additions:</b>							
Member Contributions	\$ 604,126	\$ 592,264	\$ 567,635	\$ 11,862	2.0 %	\$ 24,629	4.3 %
Employer Contributions	1,089,912	1,057,416	1,026,287	32,496	3.1 %	31,129	3.0 %
Net Investment Income (Loss)	9,594,994	4,671,571	(6,572,435)	4,923,423	105.4 %	11,244,006	(171.1)%
Total Additions	11,289,032	6,321,251	(4,978,513)	4,967,781	78.6 %	11,299,764	(227.0)%
<b>Deductions:</b>							
Benefit Payments	3,041,503	2,800,424	2,534,487	241,079	8.6 %	265,937	10.5 %
Refunds	67,916	53,638	49,414	14,278	26.6 %	4,224	8.5 %
Administrative Expenses	20,986	20,223	22,603	763	3.8 %	(2,380)	(10.5)%
Total Deductions	3,130,405	2,874,285	2,606,504	256,120	8.9 %	267,781	10.3 %
<b>Net Increase (Decrease) in Plan Net Assets</b>	<b>\$ 8,158,627</b>	<b>\$ 3,446,966</b>	<b>\$(7,585,017)</b>	<b>\$ 4,711,661</b>	<b>136.7 %</b>	<b>\$11,031,983</b>	<b>(145.4)%</b>

# Management's Discussion and Analysis (Unaudited)

## Additions

The System accumulates resources needed to fund benefits through contributions and returns on invested funds. Member contributions increased 2.0% in 2011 primarily because of an increase in the employee contribution rate to 5.53% from 5.25% in 2010. This rate increase offset a decrease in the number of active members during the fiscal year. Member contributions increased 4.3% in 2010 primarily because of an increase in the employee contribution rate to 5.25% from 5.00% in 2009. This rate increase offset a decrease in the number of active members during the fiscal year. Employer contributions increased 3.1% in 2011 as a result of an increase in the employer contribution rate to 10.28% from 9.74% in 2010. This rate increase offset a decrease in the number of active members during the fiscal year. Employer contributions increased 3.0% in 2010 primarily because of an increase in the employer contribution rate to 9.74% from 9.28% in 2009. This rate increase offset a decrease in the number of active members during the fiscal year. Contribution rates are recommended by the actuary and approved by the System's Board of Trustees. The net investment income is a result of the increase in the bond and equities markets in 2011 and 2010.

## Deductions

Deductions increased 8.9% in 2011 and increased 10.3% in 2010, primarily because of the 8.6% and 10.5% increase, respectively, in benefit payments. Regular pension benefit payments increased both years due to an increase in the number of retirees and beneficiaries receiving benefit payments to 92,180 in 2011 from 87,017 in 2010 and 82,382 in 2009; and postretirement benefit increases in both years.

## Funding Status

The schedule of funding progress and schedule of employer contributions provide information regarding how the plan is performing and funded from an actuarial perspective. The information is based upon actuarial valuations conducted by certified actuaries. The funding ratio, which is presented on the schedule of funding progress, indicates the ratio between the actuarial value of assets and the actuarial accrued liabilities. The higher this ratio, the better funded the System is from an actuarial perspective.

The June 30, 2010 actuarial valuation, which is the latest valuation available, indicates that the actuarial value of assets was \$54.5 billion and that the actuarial accrued liability was \$63.6 billion. This results in a funding ratio of 85.7%. The June 30, 2009 actuarial valuation indicates that the actuarial value of assets was \$53.4 billion and

that the actuarial accrued liability was \$59.5 billion. This results in a funding ratio of 89.9%.

On July 21, 2010, the System adopted a "smoothed valuation interest rate" methodology, which was used for the June 30, 2009 valuation to calculate the annual required contributions for funding purposes. The method determines the interest rate needed over a defined 23-year look-forward period, so that the ultimate investment rate of return (discount rate) is earned over a defined time horizon, based on the actual rates of return for a defined look-back period. It incorporates a long-term time horizon of 30 years and a 7-year look-back period, which equals the System's asset smoothing period. The ultimate investment rate of return is the long-term rate of return that the System expects to earn based on its long-term capital market assumptions and asset allocations.

The System adopted this method as it allows for better alignment of employee and employer contribution rates with the current economy. With this method, the System increases contribution rates during periods of rising revenues and investment returns, while maintaining current contribution rates during periods of declining revenues and investment returns. With the smoothed valuation interest rate method, the required contributions are counter-cyclical, allowing employees and employers to contribute at lower rates during bad economic times and at higher rates when funding is more readily available.

On July 27, 2011, the System adopted a refinement of its "smoothed valuation interest rate" methodology to include a corridor around the long-term investment rate of return, effectively reducing the potential volatility of the actuarial valuation results reflected in the financial statements. This approach is used for financial reporting purposes in addition to funding purposes and has been applied to the June 30, 2010 actuarial valuation and retroactively to the June 30, 2009 valuation.

Management believes the System continues to be in a solid financial position, as evidenced by the funding ratio and the fact that the employer has always contributed 100% of the annual required contributions.

## Requests for Information

This financial report is designed to provide a general overview of the System's finances for all those with interest in the System's finances. Questions concerning any of the information provided in this report or requests for additional information should be addressed to Teachers Retirement System of Georgia, Two Northside 75, Suite 100, Atlanta, GA 30318.

# Statements of Plan Net Assets

## June 30, 2011 and 2010 (in thousands)

<b>Assets</b>	<u>2011</u>	<u>2010</u>
Cash and Cash Equivalents	\$ 1,862,651	\$ 1,328,397
Receivables:		
Interest and Dividends	169,621	172,785
Due from Brokers for Securities Sold	25,162	44,937
Member and Employer Contributions	133,864	124,647
Other	<u>1,016</u>	<u>675</u>
Total Receivables	<u>329,663</u>	<u>343,044</u>
Investments - at fair value:		
Domestic Obligations:		
U.S. Treasuries	8,788,194	9,553,851
U.S. Agencies	—	826,903
Corporate and Other Bonds	4,478,009	4,675,613
International Obligations:		
Governments	797,514	701,546
Corporates	323,203	317,773
Equities:		
Domestic	28,213,774	20,882,553
International	<u>9,353,824</u>	<u>7,355,314</u>
Total Investments	51,954,518	44,313,553
Capital Assets, net	<u>4,135</u>	<u>3,803</u>
Total Assets	<u>54,150,967</u>	<u>45,988,797</u>
<b>Liabilities</b>		
Due to Brokers for Securities Purchased	60,657	57,886
Accounts Payable and Other	<u>6,134</u>	<u>5,362</u>
Total Liabilities	<u>66,791</u>	<u>63,248</u>
<b>Net Assets Held in Trust for Pension Benefits</b>	<u>\$ 54,084,176</u>	<u>\$ 45,925,549</u>

See accompanying notes to financial statements.

# Statements of Changes in Plan Net Assets

## Years ended June 30, 2011 and 2010 (in thousands)

	<b>2011</b>	<b>2010</b>
<b>Net Assets Held in Trust for Pension Benefits</b> - Beginning of year	\$ 45,925,549	\$ 42,478,583
<b>Additions:</b>		
Contributions:		
Employer	1,089,912	1,057,416
Member	604,126	592,264
Investment Income:		
Net Increase in Fair Value of Investments	8,383,204	3,457,353
Interest, Dividends, and Other	1,237,026	1,236,647
Total	9,620,230	4,694,000
Less Investment Expense	25,236	22,429
Net Investment Income	9,594,994	4,671,571
Total Additions	11,289,032	6,321,251
<b>Deductions:</b>		
Benefit Payments	3,041,503	2,800,424
Refunds of Member Contributions	67,916	53,638
Administrative Expenses, net	20,986	20,223
Total Deductions	3,130,405	2,874,285
Net Increase	8,158,627	3,446,966
<b>Net Assets Held in Trust for Pension Benefits</b> - End of year	\$ 54,084,176	\$ 45,925,549

See accompanying notes to financial statements.

# Notes to Financial Statements

## June 30, 2011 and 2010

### A. Plan Description

Teachers Retirement System of Georgia (the System) was created in 1943 by an act of the Georgia Legislature (the Act) to provide retirement benefits for teachers who qualify under the Act. The System is administered as a cost-sharing, multiple-employer plan as defined in Governmental Accounting Standards Board (GASB) Statement No. 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans*. On October 25, 1996, the Board of Trustees created the Supplemental Retirement Benefit Plan of the Georgia Teachers (SRBP). SRBP was established as a qualified governmental excess benefit plan in accordance with Section 415 of the Internal Revenue Code (IRC §415) as a portion of the System. The purpose of SRBP is to provide retirement benefits to employees covered by the System whose benefits are otherwise limited by IRC §415. Although the System is a component unit of the state of Georgia's financial reporting entity, it is accountable for its own fiscal matters and presentation of its separate financial statements. A Board of Trustees comprised of two appointees by the Board, two ex-officio state employees, five appointees by the Governor, and one appointee of the Board of Regents is ultimately responsible for the administration of the System.

In evaluating how to define the System for financial reporting purposes, the management of the System has considered all potential component units. The decision to include a potential component unit in the reporting entity is made by applying the criteria set forth by GASB Statement No. 14, *The Financial Reporting Entity*. The concept underlying the definition of the reporting entity is that elected officials are accountable. The decision to include a potential component unit in the reporting entity is also made by applying specific criteria as outlined in GASB Statement No. 39, *Determining Whether Certain Organizations are Component Units*, including consideration of the nature and significance of the relationship of potential component units. Based on those criteria, the System has not included any other entities in its reporting entity.

### Eligibility and Membership

All teachers in the state public schools, the University System of Georgia (except those professors and principal administrators electing to participate in an optional retirement plan), and certain other designated employees in educational-related work are eligible for membership.

#### As of June 30, 2011, participation in the System is as follows:

<b>Retirees and beneficiaries currently receiving benefits</b>	<b>92,180</b>
<b>Terminated employees not yet receiving benefits, vested</b>	<b>7,677</b>
<b>Terminated employees, non-vested</b>	<b>78,724</b>
<b>Active plan members</b>	<b><u>216,167</u></b>
<b>Total</b>	<b><u>394,748</u></b>
<b>Employers</b>	<b>399</b>

#### As of June 30, 2010, participation in the System is as follows:

<b>Retirees and beneficiaries currently receiving benefits</b>	<b>87,017</b>
<b>Terminated employees not yet receiving benefits, vested</b>	<b>7,159</b>
<b>Terminated employees, non-vested</b>	<b>75,004</b>
<b>Active plan members</b>	<b><u>222,046</u></b>
<b>Total</b>	<b><u>391,226</u></b>
<b>Employers</b>	<b>386</b>

### Retirement Benefits

The System provides service retirement, disability retirement, and survivor's benefits. Title 47 of the *Official Code of Georgia* assigns the authority to establish and amend the provisions of the System to the State Legislature. A member is eligible for normal service retirement after 30 years of creditable service, regardless of age, or after 10 years of service and attainment of age 60. A member is eligible for early retirement after 25 years of creditable service.

# Notes to Financial Statements

## June 30, 2011 and 2010

### A. Plan Description *continued*

#### Retirement Benefits

Normal retirement (pension) benefits paid to members are equal to 2% of the average of the member's two highest paid consecutive years of service, multiplied by the number of years of creditable service up to 40 years. Early retirement benefits are reduced by the lesser of one-twelfth of 7% for each month the member is below age 60, or by 7% for each year or fraction thereof by which the member has less than 30 years of service. It is also assumed that certain cost-of-living adjustments, based on the Consumer Price Index, may be made in future years. Retirement benefits are payable monthly for life. A member may elect to receive a partial lump-sum distribution in addition to a reduced monthly retirement benefit. Options are available for distribution of the member's monthly pension, at a reduced rate, to a designated beneficiary on the member's death.

#### Death and Disability Benefits

Retirement benefits also include death and disability benefits, whereby the disabled member or surviving spouse is entitled to receive annually an amount equal to the member's service retirement benefit or disability retirement, whichever is greater. The benefit is based on the member's creditable service (minimum of ten years of service) and compensation up to the time of disability.

The death benefit is the amount that would be payable to the member's beneficiary had the member retired on the date of death on either a service retirement allowance or a disability retirement allowance, whichever is larger. The benefit is based on the member's creditable service (minimum of ten years of service) and compensation up to the date of death.

#### Contributions

The System is funded by member and employer contributions as adopted and amended by the Board of Trustees.

Contributions required for fiscal year 2011 were based on the June 30, 2008 actuarial valuation as follows:

<b>Member</b>	<b>5.53 %</b>
<b>Employer:</b>	
<b>Normal</b>	<b>7.70 %</b>
<b>Unfunded accrued liability</b>	<b><u>2.58 %</u></b>
<b>Total</b>	<b><u>10.28 %</u></b>

Contributions required for fiscal year 2010 were based on the June 30, 2007 actuarial valuation as follows:

<b>Member</b>	<b>5.25 %</b>
<b>Employer:</b>	
<b>Normal</b>	<b>7.96 %</b>
<b>Unfunded accrued liability</b>	<b><u>1.78 %</u></b>
<b>Total</b>	<b><u>9.74 %</u></b>

Members become fully vested after ten years of service. If a member terminates with less than ten years of service, no vesting of employer contributions occurs, but the member's contributions may be refunded with interest. Member contributions with accumulated interest are reported as net assets held in trust for pension benefits.

#### SRBP

Beginning July 1, 1997, all members and retired former members in the System are eligible to participate in this plan whenever their benefits under the System exceed the limitation on benefits imposed by IRC §415. As of June 30, 2011 and 2010, there were 27 and 24 members, respectively, eligible to participate in this portion of the System. Employer contributions of \$492,000 and \$375,000 and retirement payments of \$495,000 and \$367,000 under the SRBP are included in the statements of changes in plan net assets for the years ended June 30, 2011 and 2010, respectively.

# Notes to Financial Statements

## June 30, 2011 and 2010

### **B. Summary of Significant Accounting Policies and Plan Asset Matters**

#### **Basis of Accounting**

The System's financial statements are prepared on the accrual basis of accounting. Contributions from the employers and the members are recognized as additions when due, pursuant to formal commitments, as well as statutory or contractual requirements. Retirement and refund payments are recognized as deductions when due and payable.

During fiscal year 2011, the System adopted the provisions of GASB Statement No. 59, *Financial Instruments Omnibus*. The objective of this Statement is to update and improve existing standards regarding financial reporting and disclosure requirements of certain financial instruments and external investment pools. There are no applicable reporting or disclosure requirements for the System in fiscal year 2011.

#### **Reclassification**

Certain amounts for fiscal year 2010 have been reclassified to conform to the current period presentation.

#### **Cash and Cash Equivalents**

Cash and cash equivalents, reported at cost, include cash in banks, cash on deposit with the investment custodian earning a credit to offset fees, and short-term highly liquid financial securities with original maturities of three months or less from the date of acquisition.

#### **Investments**

Investments are reported at fair value. Securities traded on a national or international exchange are valued at the last reported sales price. There are no investments in, loans to, or leases with parties related to the System.

The System utilizes various investment instruments. Investment securities, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the financial statements.

#### **Capital Assets**

Capital assets are stated at cost less accumulated depreciation. Capital assets costing \$5,000 or more are

capitalized. Depreciation on capital assets is computed using the straight-line method over estimated useful lives of three to forty years. Depreciation expense is included in administrative expenses, net. Maintenance and repairs are charged to administrative expenses when incurred. When assets are retired or otherwise disposed of, the costs and related accumulated depreciation are removed from the accounts, and any resulting gain or loss is reflected in the statements of changes in plan net assets in the period of disposal.

#### **Use of Estimates**

The preparation of financial statements in conformity with U.S. generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of plan net assets and changes therein. Actual results could differ from those estimates.

### **C. Investment Program**

The System maintains sufficient cash to meet its immediate liquidity needs. Cash not immediately needed is invested as directed by the Board of Trustees. All investments are held by agent custodial banks in the name of the System. State statutes and the System's investment policy authorize the System to invest in a variety of short-term and long-term securities as follows:

#### **Cash and Cash Equivalents**

The carrying amount of cash on deposit with the investment custodian totaled \$300,000,881 at June 30, 2011, with an actual bank balance of \$300,532,678. The System's cash balances are fully insured through the Federal Deposit Insurance Corporation, an independent agency of the U.S. Government.

Short-term highly liquid financial securities are authorized in the following instruments:

- Repurchase and reverse repurchase agreements, whereby the System and a broker exchange cash for direct obligations of the U.S. Government or obligations unconditionally guaranteed by agencies of the U.S. Government or U.S. corporations. The System or broker promises to repay the cash received plus interest at a specific date in the future in exchange for the same securities. The System held repurchase agreements of \$1,561,593,000 and \$1,320,025,000 at June 30, 2011 and 2010, respectively.

# Notes to Financial Statements

## June 30, 2011 and 2010

### C. Investment Program *continued*

Other short-term securities authorized, but not currently used, are:

- U.S. Treasury obligations.
- Commercial paper, with a maturity of 180 days or less. Commercial paper is an unsecured promissory note issued primarily by corporations for a specific amount and maturing on a specific day. The System considers for investment only commercial paper of the highest quality, rated P-1 and/or A-1 by national credit rating agencies.
- Master notes, an overnight security administered by a custodian bank, and an obligation of a corporation whose commercial paper is rated P-1 and/or A-1 by national credit rating agencies.

Investments in commercial paper or master notes are limited to no more than \$500 million in any one name.

### Investments

Fixed income investments are authorized in the following instruments:

- U.S. and foreign government obligations. At June 30, 2011, the System held U.S. Treasury bonds of \$8,788,193,830 and international government bonds of \$797,514,210. At June 30, 2010, the System held U.S. Treasury bonds of \$9,553,850,620 and international government bonds of \$701,546,360.
- Obligations unconditionally guaranteed by agencies of the U.S. Government. At June 30, 2011, the System did not hold agency bonds. At June 30, 2010, the System held agency bonds of \$826,902,990.
- Corporate bonds with at least an "A" rating by a national rating agency. At June 30, 2011, the System held U.S. corporate bonds of \$4,478,008,640 and international corporate bonds of \$323,202,600. At June 30, 2010, the System held U.S. corporate bonds of \$4,675,612,500 and international corporate bonds of \$317,773,250.
- Private placements are authorized under the same general restrictions applicable to corporate

bonds. At June 30, 2011, the System did not hold private placements.

Mortgage investments are authorized to the extent that they are secured by first mortgages on improved real property located in the state of Georgia.

Equity securities are also authorized (in statutes) for investment as a complement to the System's fixed income portfolio and as a long-term inflation hedge. By statute, no more than 70% of the total invested assets on a historical cost basis may be placed in equities. Equity holdings in any one corporation may not exceed 5% of the outstanding equity of the issuing corporation. The equity portfolio is managed by the Division of Investment Services (the Division) in conjunction with independent advisors. Buy/sell decisions are based on securities meeting rating criteria established by the Board of Trustees; in-house research considering such matters as yield, growth, and sales statistics; and analysis of independent market research. Equity trades are approved and executed by the Division's staff. Common stocks eligible for investment are approved by the Investment Committee of the Board of Trustees before being placed on an approved list. Equity investments are authorized in the following instruments:

- Domestic equities are those securities considered by The Official Code of Georgia Annotated (O.C.G.A.) to be domiciled in the United States. At June 30, 2011, the System held domestic equities of \$28,213,774,474. At June 30, 2010, the System held domestic equities of \$20,882,553,125.
- International equities, including American Depository Receipts (ADR), will be a diversified portfolio including both developed and emerging countries. These securities are not considered by the O.C.G.A. to be domiciled in the United States. At June 30, 2011, the System held ADRs of \$9,342,148,371 and international equities of \$11,675,832. At June 30, 2010, the System held ADRs of \$7,355,313,925 and no international equities.

**Credit Risk:** Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to the System. State law limits investments to investment grade securities. It is the System's investment policy to require that the bond portfolio be of high quality and chosen with respect to maturity

# Notes to Financial Statements

## June 30, 2011 and 2010

### Quality Ratings of Fixed Income Investments Held at June 30, 2011 and 2010

<u>Investment type</u>	<u>Standard and Poor's/ Moody's quality rating</u>	<u>June 30, 2011 fair value</u>	<u>June 30, 2010 fair value</u>
Domestic Obligations:			
U.S. Treasuries		\$ 8,788,193,830	\$ 9,553,850,620
U.S. Agencies	AAA/Aaa	—	826,902,990
Corporates			
	AAA/Aaa	621,813,380	228,873,120
	AA/Aa	2,723,305,790	3,039,068,650
	AA/A	533,298,040	1,013,025,930
	A/A	599,591,430	394,644,800
Total Corporates		<u>4,478,008,640</u>	<u>4,675,612,500</u>
International Obligations:			
Governments			
	AAA/Aaa	237,765,510	340,661,880
	AA/Aa	321,902,610	360,884,480
	NR/Aa	237,846,090	—
Total Governments		<u>797,514,210</u>	<u>701,546,360</u>
Corporates			
	AA/Aaa	—	317,773,250
	AA/Aa	323,202,600	—
Total Corporates		<u>323,202,600</u>	<u>317,773,250</u>
Total Fixed Income Investments		<u>\$ 14,386,919,280</u>	<u>\$ 16,075,685,720</u>

### C. Investment Program continued

ranges, coupon levels, refunding characteristics, and marketability. The System's policy is to require that new purchases of bonds be restricted to high grade bonds rated no lower than "A" by any nationally recognized statistical rating organization. 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 require disclosure of credit quality. The notation NR represents those securities that are not rated. The quality ratings of investments in fixed income securities as described by Standard & Poor's and by Moody's Investor Services, which are nationally recognized statistical rating organizations, at June 30, 2011 and 2010, are shown in the chart above.

The investment policy requires that repurchase agreements be limited to the purchase of U.S. Treasury or Agency obligations or corporate bonds rated no lower than "A" by any nationally recognized statistical rating organization, with a market value in excess of funds advanced. The System held repurchase agreements, included in cash and cash equivalents, of \$1,561,593,000, as of June 30, 2011 and \$1,320,025,000, as of June 30, 2010.

**Concentration of Credit Risk:** Concentration of credit risk is the risk of loss that may be attributed to the

magnitude of a government's investment in a single issue. On June 30, 2011 and 2010, the System did not have debt or equity investments in any one organization, other than those issued or guaranteed by the U.S. Government or its agencies, which represented greater than 5% of plan net assets.

**Interest Rate Risk:** Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. While the System has no formal interest rate risk policy, active management of the bond portfolio incorporates interest rate risk to generate improved returns. This risk is managed within the portfolio using the effective duration method. This method is widely used in the management of fixed income portfolios and quantifies to a much greater degree the sensitivity to interest rate changes when analyzing a bond portfolio with call options, prepayment provisions, and any other cash flows. Effective duration makes assumptions regarding the most likely timing and amounts of variable cash flows and is best utilized to gauge the effect of a change in interest rates on the fair value of a portfolio. It is believed that the reporting of effective duration found in the table below quantifies to the fullest extent possible the interest rate risk of the System's fixed income assets.

# Notes to Financial Statements

## June 30, 2011 and 2010

<b>Effective Duration of Fixed Income Assets and Repurchase Agreements by Security Type</b>			
<b>Fixed income and repurchase agreements security type</b>	<b>Market value, June 30, 2011</b>	<b>Percent of all fixed income assets and repurchase agreements</b>	<b>Effective duration (years)</b>
Domestic Obligations:			
U.S. Treasuries	\$ 8,788,193,830	55.1 %	5.2
Corporates	4,478,008,640	28.1 %	5.1
International Obligations:			
Governments	797,514,210	5.0 %	4.0
Corporates	323,202,600	2.0 %	2.0
Repurchase Agreements	1,561,593,000	9.8 %	—
Total	<u>\$ 15,948,512,280</u>	<u>100.0 %</u>	4.6*

<b>Fixed income and repurchase agreements security type</b>	<b>Market value, June 30, 2010</b>	<b>Percent of all fixed income assets and repurchase agreements</b>	<b>Effective duration (years)</b>
Domestic Obligations:			
U.S. Treasuries	\$ 9,553,850,620	54.9 %	6.0
U.S. Agencies	826,902,990	4.8 %	2.1
Corporates	4,675,612,500	26.9 %	4.3
International Obligations:			
Governments	701,546,360	4.0 %	4.3
Corporates	317,773,250	1.8 %	3.0
Repurchase Agreements	1,320,025,000	7.6 %	—
Total	<u>\$ 17,395,710,720</u>	<u>100.0 %</u>	4.8*

\*Total effective duration (years) does not include repurchase agreements.

### D. Investments Lending Program

State statutes and Board of Trustees' policies permit the System to lend its securities to broker/dealers with a simultaneous agreement to return the collateral for the same securities in the future. The System is presently involved in a securities lending program with major brokerage firms. The System lends equity and fixed income securities for varying terms and receives a fee based on the loaned securities' value. During a loan, the System continues to receive dividends and interest as the owner of the loaned securities. The brokerage firms pledge collateral securities consisting of U.S. Government and agency securities, mortgage backed securities issued by a U.S. Government agency, and corporate bonds. The collateral value must be equal to at least 102% to 115% of the loaned securities' value, depending on the type of collateral security.

Securities loaned totaled \$10,449,559,639 and \$12,404,923,467 at June 30, 2011 and 2010, respectively. The collateral value was equal to 105.5% and 105.7% of the loaned securities' value at June 30, 2011 and 2010, respectively. The System's lending collateral was held in the System's name by the tri-party custodian.

Loaned securities are included in the accompanying statements of plan net assets since the System maintains ownership. The related collateral securities are not recorded as assets on the System's statements of plan net assets, and a corresponding liability is not recorded, since the System is deemed not to have the ability to pledge or trade the collateral securities. In accordance with the criteria set forth in GASB Statement No. 28,

# Notes to Financial Statements

June 30, 2011 and 2010

## D. Investments Lending Program *continued*

*Accounting and Financial Reporting for Securities Lending Transactions*, the System is deemed not to have the ability to pledge or sell collateral securities, since the System's lending contracts do not address whether the lender can pledge or sell the collateral securities without a borrower default, the System has not previously demonstrated that ability, and there are no indications of the System's ability to pledge or sell the collateral securities.

## E. Capital Assets

The following is a summary of capital assets and depreciation information as of June 30 and for the years then ended:

	Balance at June 30, 2010	Additions	Disposals	Balance at June 30, 2011
<b>Capital Assets:</b>				
Land	\$ 944,225	\$ —	\$ —	\$ 944,225
Building	2,800,000	—	—	2,800,000
Furniture and Fixtures	437,522	16,993	—	454,515
Computer Equipment	1,427,761	722,184	(89,995)	2,059,950
Computer Software	14,979,713	—	—	14,979,713
	<u>20,589,221</u>	<u>739,177</u>	<u>(89,995)</u>	<u>21,238,403</u>
<b>Accumulated Depreciation For:</b>				
Building	(420,000)	(70,000)	—	(490,000)
Furniture and Fixtures	(359,472)	(31,963)	—	(391,435)
Computer Equipment	(1,026,936)	(290,636)	75,390	(1,242,182)
Computer Software	(14,979,713)	—	—	(14,979,713)
	<u>(16,786,121)</u>	<u>(392,599)</u>	<u>75,390</u>	<u>(17,103,330)</u>
<b>Capital Assets, Net</b>	<u>\$ 3,803,100</u>	<u>\$ 346,578</u>	<u>\$ (14,605)</u>	<u>\$ 4,135,073</u>

# Notes to Financial Statements

## June 30, 2011 and 2010

### E. Capital Assets continued

	Balance at June 30, 2009	Additions	Disposals	Balance at June 30, 2010
<b>Capital Assets:</b>				
Land	\$ 944,225	\$ —	\$ —	\$ 944,225
Building	2,800,000	—	—	2,800,000
Furniture and Fixtures	437,522	—	—	437,522
Computer Equipment	1,378,932	123,343	(74,514)	1,427,761
Computer Software	14,979,713	—	—	14,979,713
	<u>20,540,392</u>	<u>123,343</u>	<u>(74,514)</u>	<u>20,589,221</u>
<b>Accumulated Depreciation For:</b>				
Building	(350,000)	(70,000)	—	(420,000)
Furniture and Fixtures	(326,917)	(32,555)	—	(359,472)
Computer Equipment	(861,154)	(230,731)	64,949	(1,026,936)
Computer Software	(14,979,713)	—	—	(14,979,713)
	<u>(16,517,784)</u>	<u>(333,286)</u>	<u>64,949</u>	<u>(16,786,121)</u>
<b>Capital Assets, Net</b>	<u>\$ 4,022,608</u>	<u>\$ (209,943)</u>	<u>\$ (9,565)</u>	<u>\$ 3,803,100</u>

During fiscal years 2011 and 2010, the System did not experience any capital asset impairment loss with respect to the provisions of GASB Statement No. 42, *Accounting and Financial Reporting for Impairment of Capital Assets and for Insurance Recoveries*.

# Notes to Financial Statements

## June 30, 2011 and 2010

### F. Administrative Expenses

Administrative expenses are reported in the financial statements; however, the actual accounting for the expenses is performed in a separate expense fund. Administrative expenses paid out of System contributions are as follows:

	<u>2011</u>	<u>2010</u>
Salaries and Employee Benefits	\$ 22,827,280	\$ 21,512,669
Other Operating Expenses	<u>3,690,273</u>	<u>3,862,981</u>
Total Administrative Expenses	26,517,553	25,375,650
Less Reimbursement by Other State Retirement Systems for Services Rendered on Their Behalf	<u>5,531,669</u>	<u>5,153,138</u>
Net Administrative Expenses	<u>\$ 20,985,884</u>	<u>\$ 20,222,512</u>



# Notes to Financial Statements

## June 30, 2011 and 2010

### G. Funded Status and Funding Progress

The funded status of the plan as of June 30, 2010, the most recent actuarial valuation date, is as follows (dollars in thousands):

Actuarial Value of Plan Assets (a)	Actuarial Accrued Liability (AAL) - Entry Age (b)	Unfunded AAL (UAAL) (b-a)	Funding Ratio (a/b)	Annual Covered Payroll (c)	UAAL as a Percentage of Covered Payroll [(b-a)/c]
\$ 54,529,416	\$ 63,592,037	\$ 9,062,621	85.7%	\$ 10,437,703	86.8%

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

Additional information as of the latest actuarial valuation follows:

Valuation Date	June 30, 2010
Actuarial Cost Method	Entry Age
Amortization Method	Level Percent of Pay, Open
Remaining Amortization Period	30 Years
Asset Valuation Method	Seven-Year Smoothed Market
Actuarial Assumption:	
Ultimate Investment Rate of Return	7.50%
Projected Salary Increases	3.75 to 7.00%
Inflation Rate	3.00%
Postretirement Cost-of-Living Adjustments	3% annually

### H. Subsequent Events

On July 27, 2011, the System adopted a refinement to its “smoothed valuation interest rate” methodology used in the actuarial valuation to include a corridor around the long-term investment rate of return. This approach is used for financial reporting purposes as well as funding purposes and has been applied to the June 30, 2010 actuarial valuation.

# Required Supplementary Schedules (Unaudited)

## Schedule of Funding Progress (Dollars in thousands)

Actuarial Valuation Date	Actuarial Value of Plan Assets (a)	Actuarial Accrued Liability (AAL) -Entry Age (b)	Unfunded AAL (UAAL) (Funding Excess) (b-a)	Funding Ratio (a/b)	Annual Covered Payroll (c)	UAAL (Funding Excess) as a Percentage of Covered Payroll [(b-a)/c]
6/30/05	\$ 46,836,895	\$ 47,811,214	\$ 974,319	98.0%	\$ 8,252,598	11.8 %
6/30/06	49,263,027	51,059,681	1,796,654	96.5	8,785,985	20.4
6/30/07	52,099,171	54,996,570	2,897,399	94.7	9,482,003	30.5
6/30/08	54,354,284	59,133,777	4,779,493	91.9	10,197,584	46.9
6/30/09*	53,438,604	59,450,116	6,011,512	89.9	10,641,543	56.5
6/30/10	54,529,416	63,592,037	9,062,621	85.7	10,437,703	86.8

\*Revised since the previous valuation to reflect the refinement of the “smoothed valuation interest rate” methodology used in the 2010 valuation, which includes corridors around the long-term investment rates of return.

This data, except for annual covered payroll, was provided by the System’s actuary.

## Schedule of Employer Contributions (Dollars in thousands)

Year Ended June 30,	Annual Required Contribution	Percentage Contributed
2005	\$ 815,693	100 %
2006	855,626	100
2007	927,371	100
2008	986,759	100
2009	1,026,287	100
2010	1,057,416	100

See accompanying notes to required supplementary schedules and accompanying independent auditors’ report.

# Notes to Required Supplementary Schedules (Unaudited)

## Notes to Required Supplementary Schedules

### Schedule of Funding Progress

The actuarial value of plan assets recognizes a portion of the difference between the market value of assets and the expected actuarial value of assets, based on the assumed valuation rate of return. The amount recognized each year is one-seventh of the difference between market value and expected actuarial value. The actuarial value of plan assets is limited to a range between 75% and 125% of market value.

### Schedule of Employer Contributions

The required employer contributions and percentage of those contributions actually made are presented in the schedule.

### Actuarial Assumptions

The information presented in the required supplementary schedules was determined as part of the actuarial valuations at the dates indicated. Additional information from the actuarial valuations for the most recent two year period is as follows:

Valuation Date	June 30, 2010	June 30, 2009
Actuarial Cost Method	Entry Age	Entry Age
Amortization Method	Level Percent of Pay, Open	Level Percent of Pay, Open
Remaining Amortization Period	30 Years	30 Years
Asset Valuation Method	Seven-Year Smoothed Market	Seven-Year Smoothed Market
Actuarial Assumption:		
Ultimate Investment Rate of Return	7.50%	7.50%
Projected Salary Increases	3.75 to 7.00%	3.20 to 8.60%
Inflation Rate	3.00%	3.75%
Postretirement Cost-of-Living Adjustments	3% annually	3% annually

# Schedule of Administrative Expenses

## For the Years ended June 30, 2011 and 2010

	<b>2011</b>	<b>2010</b>
<b>Personal Services:</b>		
Salaries and Wages	\$ 16,400,641	\$ 15,945,900
Retirement Contributions	1,555,558	1,496,586
Health Insurance	3,775,727	3,049,140
FICA	957,619	954,789
Miscellaneous	137,735	66,254
Total Personal Services	22,827,280	21,512,669
<b>Communications:</b>		
Postage	275,785	238,680
Publications and Printing	242,753	234,256
Telecommunications	141,153	136,531
Travel	91,295	91,594
Total Communications	750,986	701,061
<b>Professional Services:</b>		
Computer Services	1,066,939	1,326,150
Contracts	2,915	2,110
Actuarial Services	198,243	173,359
Audit Fees	123,300	124,375
Legal Services	38,589	48,385
Medical Services	107,100	112,740
Total Professional Services	1,537,086	1,787,119
<b>Management Fees:</b>		
Building Maintenance	724,875	724,875
Total Management Expenses	724,875	724,875
<b>Other Services and Charges:</b>		
Temporary Services	4,000	—
Repairs and Maintenance	7,877	13,378
Supplies and Materials	131,172	141,451
Courier Services	15,079	19,073
Depreciation Expense	392,599	333,286
Loss on Disposal of Equipment	14,605	9,565
Miscellaneous	111,994	133,173
Total Other Services and Charges	677,326	649,926
Total Administrative Expenses	26,517,553	25,375,650
Less Reimbursement by Other State Retirement Systems for Services Rendered on Their Behalf	5,531,669	5,153,138
Net Administrative Expenses	\$ 20,985,884	\$ 20,222,512

See accompanying independent auditors' report.

# Schedule of Investment Expenses

For the Years ended June 30, 2011 and 2010

	<u>2011</u>	<u>2010</u>
Investment Advisory and Custodial Fees	\$ 23,164,662	\$ 20,557,658
Miscellaneous	<u>2,071,845</u>	<u>1,872,049</u>
Total Investment Expenses	<u>\$ 25,236,507</u>	<u>\$ 22,429,707</u>

See accompanying independent auditors' report.



# Investment Overview

While returns for the year were positive, the sovereign debt crisis emanating from Europe demonstrated that stock markets are still vulnerable to periods of bad news. There are undoubtedly large problems that need to be resolved, but many parts of the world economy are addressing the prior excesses. So as we cycle between episodes of good news and bad news, the financial markets will likely continue to fluctuate.

This pattern is not a new phenomenon and it is easy to get caught up in the latest headlines, but as a pension plan it is more important to stay focused on the long-term. The System continues to invest in a mix of liquid, high quality bonds and stocks. These types of investments allow the System to participate in rising markets while moderating the risks on the downside. A high quality balanced fund has proven to be a successful strategy in a variety of markets over a long period of time.

As in previous years, the bias to quality was a primary goal and was successfully met. "Conservation of Capital" and "Conservatism" continue to be the principal guides in investment decisions. The Board of Trustees continues to use a diversified portfolio to accomplish these objectives.

The economy grew during the past fiscal year, although at a slow pace. Any improvement in housing will likely continue to be slow and uneven as excess inventory and more foreclosures dampen housing starts and prices. Growth in employment, or rather the lack thereof, remains the largest single factor plaguing the economy. The unemployment rate does not appear to be increasing, but neither is it decreasing and remains mired at year ago levels of 9.2%. The real bright spot has been corporate profits, which rose 15%, as companies slashed costs and benefited from stable business and consumer spending.

Studies undertaken to evaluate the investment returns of pension funds over very long time horizons indicate that the asset allocation decision has the most impact on the fund's returns. Although the returns for the various asset categories vary from year to year, over the long term equities usually outperform fixed income and cash by a very wide margin. For that reason, the System has generally maintained a significant equity exposure with the remainder of the fund in fixed income securities designed to generate income and preserve capital.

Returns for one, three, five, ten and twenty-year periods are presented in this section. The longer

time periods, such as the twenty-year period, allow for more valid evaluation of returns, both in absolute terms and relative to an asset class index, by reducing emphasis on the short-term volatility of markets. The Daily Valuation Method was used to calculate rates of return which is in accordance with the CFA Institute's objectives as stated in its publication "Global Investment Performance Standards Handbook," second edition.

Equity markets rebounded nicely during the fiscal year. The return for the S&P 500 Index was 30.7%. The Dow Jones Industrial Average Index rose 30.4%. Among individual companies, returns varied depending upon the company's size, industry, and exposure to global markets. The MSCI EAFE Index returned 30.4% and the MSCI Emerging Market Index returned 27.8%.

Similarly to last year, large and small capitalization domestic stocks underperformed. The S&P 400 Mid Capitalization Index outperformed both the S&P 500 and S&P 600 with a return of 39.4%. The S&P 600 Small Capitalization Index rose 37.0%, well above its ten-year average return of 7.8%, and also above the S&P 500's 30.7%.

These overall returns can be explained primarily by massive central bank and fiscal stimulus. Corporate profits improved due primarily to cost cutting. The improved foreign returns can be attributed to many of the same reasons and also the relatively strong developed market currencies providing some offset to the weaker currencies of the emerging markets.

Returns for the fixed income markets were below average this year. Yields on long-term Treasury bonds began the period at 3.9% and ended the year at 4.4%. Overall the ten-year U.S. Treasury note returned 1.8% and the thirty-year U.S. Treasury bond returned -4.2%. Short-term Treasury bills only returned 0.1%.

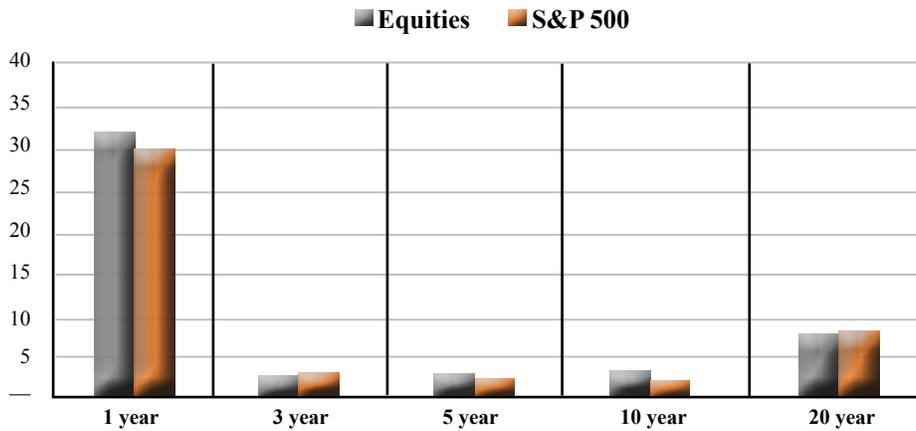
Our primary benchmark, the Barclays Government / Credit Index rose 3.7%. It is a shorter maturity index containing higher yielding corporate bonds as well as Treasuries. Higher quality bonds underperformed lower quality bonds as evidenced by the 3.6% return for AAA & AA rated bonds versus 7.9% for BBB rated bonds.

In summary, the investment status of the System is excellent. The high quality of the System's investments is in keeping with the continued policy of "Conservatism" and "Conservation of Capital."

*Prepared by the Division of Investment Services*

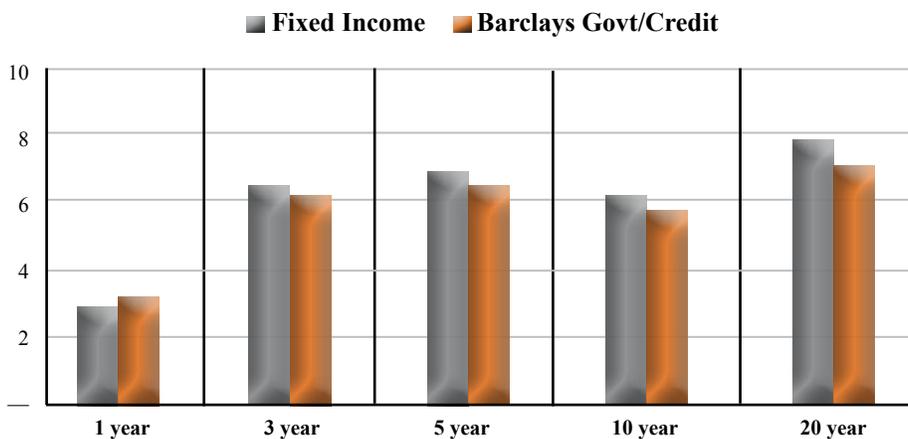
# Rates of Return

## Equities (%)



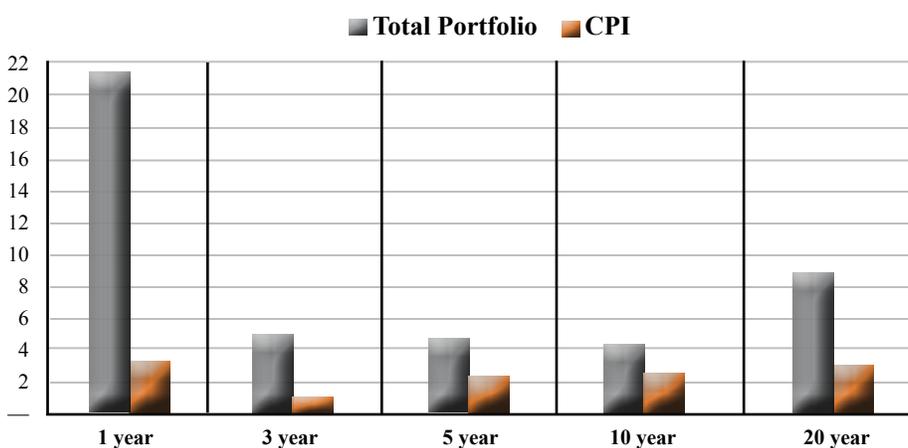
	Equities	S&P 500
1 Year	32.02	30.69
3 Year	3.05	3.34
5 Year	3.29	2.94
10 Year	3.56	2.72
20 Year	8.60	8.73

## Fixed Income (%)



	Fixed Income	Barclays Govt/Credit
1 Year	3.07	3.68
3 Year	6.32	6.17
5 Year	6.81	6.35
10 Year	6.11	5.74
20 Year	7.71	6.83

## Total Portfolio (%)

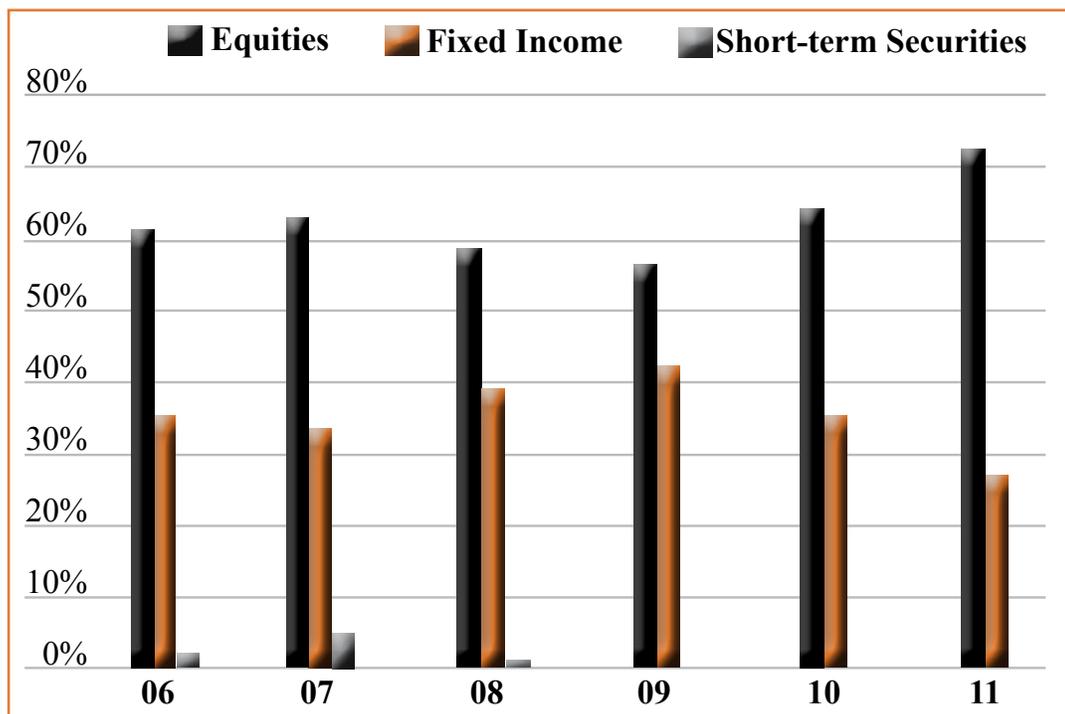


	Total Portfolio	CPI
1 Year	21.27	3.56
3 Year	5.41	1.04
5 Year	5.34	2.15
10 Year	5.04	2.40
20 Year	8.44	2.57

Note: Rates of return are calculated using the Daily Valuation Method based on market rates of return.

# Investments

## Asset Allocation



## Schedule of Fees and Commissions

For the Year Ended June 30, 2011

	2011
<b>Investment Advisors' Fees*:</b>	
U.S. Equity	\$ 15,155,141
International Equity	6,505,229
<b>Investment Commissions:</b>	
U.S. Equity	12,803,861
International Equity	6,019,033
<b>SEC Fees:</b>	149,213
<b>Miscellaneous*:</b>	3,576,137
<b>Total Fees and Commissions</b>	<u>\$ 44,208,614</u>

\*Amount included in total investment expenses shown on page 33.

## Investment Summary

	2006	2007	2008	2009	2010	2011
<b>Asset Allocation at June 30</b>						
Equities	61.2%	62.5%	58.8%	57.0%	63.7%	72.3%
Fixed Income	36.8%	32.5%	39.5%	43.0%	36.3%	27.7%
Short-Term Securities	2.0%	5.0%	1.7%	—	—	—
<b>Asset Allocation at June 30 (in millions)</b>						
Equities	\$28,654	\$32,929	\$29,531	\$23,733	\$28,238	\$37,568
Fixed Income	17,244	17,115	19,802	17,945	16,076	14,387
Short-Term Securities	906	2,626	865	—	—	—
<b>Total Investments</b>	<u>\$46,804</u>	<u>\$52,670</u>	<u>\$50,198</u>	<u>\$41,678</u>	<u>\$44,314</u>	<u>\$51,955</u>

## INVESTMENT SECTION

# Portfolio Detail Statistics

## Twenty Largest Equity Holdings\*

Shares	Company	Fair Value
8,728,877	Exxon Mobil Corp.	\$ 710,356,010
1,851,144	Apple Inc.	621,373,506
3,777,077	Chevron Corp.	388,434,599
2,117,630	International Business Machines Corp.	363,279,426
13,272,942	Microsoft Corp.	345,096,492
17,174,962	General Electric Co.	323,919,783
4,836,030	Johnson & Johnson	321,692,716
15,463,703	Pfizer Inc.	318,552,282
9,890,508	AT&T Inc.	310,660,856
7,101,709	JPMorgan Chase & Co.	290,743,966
4,502,480	Procter & Gamble Co.	286,222,654
9,507,328	Wells Fargo & Co.	266,775,624
4,645,678	QUALCOMM Inc.	263,828,054
3,865,400	Coca Cola Co.	260,102,766
7,737,346	Oracle Corp.	254,636,057
492,118	Google Inc.	249,198,713
2,849,774	Schlumberger Ltd.	246,220,473
5,169,375	Citigroup Inc.	215,252,775
9,476,274	Intel Corp.	209,994,232
2,693,700	Berkshire Hathaway Inc.	208,465,443
Total of 20 Largest Equity Holdings		<u>\$ 6,454,806,427</u>
<b>Total Equity Holdings</b>		<u><b>\$37,567,598,477</b></u>

## Ten Largest Fixed-Income Holdings\*

Description	Maturity Date	Interest Rate %	Par Value	Fair Value
U.S. Treasury Note	09/30/17	1.875	\$ 1,040,000,000	\$ 1,016,839,200
U.S. Treasury Note	02/29/16	2.125	868,000,000	888,615,000
U.S. Treasury Note	09/15/13	0.750	840,000,000	844,006,800
U.S. Treasury Note	07/15/13	1.000	828,000,000	836,801,640
U.S. Treasury Note	01/15/14	1.000	811,000,000	818,161,130
U.S. Treasury Bond	11/15/28	5.250	702,000,000	810,150,120
U.S. Treasury Note	11/15/13	0.500	674,000,000	672,368,920
General Electric Cap Corp.	05/04/20	5.550	592,000,000	634,251,040
U.S. Treasury Note	09/30/14	2.375	604,000,000	632,122,240
U.S. Treasury Note	05/15/21	3.125	555,000,000	553,440,450
Total of 10 Largest Fixed-Income Holdings				<u>\$ 7,706,756,540</u>
<b>Total Fixed-Income Holdings</b>				<u><b>\$ 14,386,919,580</b></u>

\* A complete listing is available upon written request, subject to restrictions of O.C.G.A. Section 47-1-14.

# Actuary's Certification Letter



Cavanaugh Macdonald  
CONSULTING, LLC  
*The experience and dedication you deserve*

August 25, 2011

Board of Trustees,  
Teachers Retirement System of Georgia  
Suite 100, Two Northside 75  
Atlanta, GA 30318

Members of the Board:

Section 47-3-23 of the law governing the operation of the Teachers Retirement System of Georgia provides that the actuary shall make annual valuations of the contingent assets and liabilities of the Retirement System on the basis of regular interest and the tables last adopted by the Board of Trustees. We have submitted the report giving the results of the actuarial valuation of the System prepared as of June 30, 2010. The report indicates that annual employer contributions at the rate of 11.41% of compensation for the fiscal year ending June 30, 2013 are sufficient to support the benefits of the System. Our firm, as actuary, is responsible for all of the actuarial trend data in the financial section of the annual report and the supporting schedules in the actuarial section of the annual report.

Since the previous valuation, various assumptions and methods have been revised to reflect the results of the experience investigation for the five-year period ending June 30, 2009. These revised assumptions were adopted by the Board on November 17, 2010. In addition, the valuation reflects a change in the interest rate smoothing methodology used by the System to include a corridor around the long-term investment rate of return. The method used to determine the actuarial value of assets has also been revised to include a corridor between 75% and 125% of market value around the actuarial value. Both of these changes were adopted by the Board on July 27, 2011 and have been applied retroactively to the June 30, 2009 valuation, which has been revised to reflect these changes. In our opinion, the valuation is complete and accurate, and the methodology and assumptions are reasonable as a basis for the valuation. The valuation takes into account the effect of all amendments to the System enacted through the 2010 Session of the General Assembly. In preparing the valuation, the actuary relied on data provided by the System. While not verifying data at the source, the actuary performed tests for consistency and reasonableness.

The System is funded on an actuarial reserve basis. The actuarial assumptions recommended by the actuary and adopted by the Board are in the aggregate reasonably related to the experience under the System and to reasonable expectations of anticipated experience under the System.

The assumptions and methods used for funding purposes meet the parameters set for the disclosures presented in the financial section by Governmental Accounting Standards Board (GASB) Statement Nos. 25 and 27. The funding objective of the plan is that contribution rates over time will remain level as a percent of payroll. The valuation method used is the entry age normal cost method. The normal contribution rate to cover current cost has been determined as a level percent of payroll. Gains and losses are reflected in the unfunded accrued liability, which is amortized as a level percent of payroll within a 30-year period.

The System is being funded in conformity with the minimum funding standard set forth in Code Section 47-20-10 of the Public Retirement Systems Standards Law. In our opinion the System is operating on an actuarially sound basis. Assuming that contributions to the System are made by the employer from year to year in the future at the rates recommended on the basis of the successive actuarial valuations, the continued sufficiency of the retirement fund to provide the benefits called for under the System may be safely anticipated assuming future required contributions (ARC) are contributed when due.

Future actuarial results may differ significantly from the current results presented in this report due to such factors as the following: plan experience differing from that anticipated by the economic or demographic assumptions; changes in economic or demographic assumptions; increases or decreases expected as part of the natural operation of the methodology used for these measurements (such as the end of an amortization period or additional cost or contribution requirements based on the plan's funded status); and changes in plan provisions or applicable law. Since the potential impact of such factors is outside the scope of a normal annual actuarial valuation, an analysis of the range of results is not presented herein.

This is to certify that the independent consulting actuary is a member of the American Academy of Actuaries and has experience in performing valuations for public retirement systems, that the valuation was prepared in accordance with principles of practice prescribed by the Actuarial Standards Board, and that the actuarial calculations were performed by qualified actuaries in accordance with accepted actuarial procedures, based on the current provisions of the retirement system and on actuarial assumptions that are internally consistent and reasonably based on the actual experience of the System.

Sincerely yours,

Edward A. Macdonald,  
ASA, FCA, MAAA  
President

Cathy Turcot  
Principal and  
Managing Director

# Summary of Actuarial Assumptions and Methods

The laws governing the Teachers Retirement System of Georgia (the “System”) provide that an actuary perform an annual valuation of the contingent assets and liabilities of the System and perform at least once every five years an actuarial investigation of the mortality, service, and compensation experience of the members and beneficiaries of the System. The latest actuarial valuation of the System prepared as of June 30, 2010, was made on the basis of the interest rate assumption, and the mortality, rates of separation and salary increase tables approved by the Board on November 17, 2010. Changes in the asset smoothing method and the interest smoothing method were approved by the Board on July 27, 2011.

The more pertinent facts and significant assumptions underlying the computations included in the June 30, 2010, report are as follows:

- a) **Actuarial Method Used**—The actuarial cost method used to determine funding is the entry age actuarial cost method. Gains and losses are reflected in the unfunded accrued liability. Adopted December 30, 1976.
- b) **Ultimate Investment Return**—7.50% per annum, compounded annually. Adopted November 17, 2010.
- c) **Earnings Progression**—Salaries are expected to increase 3.75% to 7.00% annually depending upon the employee’s age. Includes inflation at 3.00%. Adopted November 17, 2010.
- d) **Death, Disability and Withdrawal Rates**—Death, disability and withdrawal rates for active employees and service retirement tables are based upon the System’s historical experience. The death-after-retirement rates are based on the RP-2000 Combined Mortality Table (set back two years for males and three years for females). The death-after-disability retirement rates are based on the RP-2000 Disabled Mortality Table (set back two years for males). Adopted November 17, 2010.
- e) **Asset Valuation Method**—7-year smoothed market actuarial value. The actuarial value of assets recognizes a portion of the difference between the market value of the assets and the expected value of assets, based on the assumed valuation rate of return. The amount recognized each year is one-seventh of the

difference between market value and actuarial expected value. The actuarial value of assets is limited to a range between 75% and 125% of market value. Adopted July 27, 2011.

- f) **Service Retirement Benefit**—The service benefit (pension) paid to members is an annuity that is owed to them at retirement that will provide a total annual pension equal to 2% of the average of the member’s two consecutive highest paid years of service multiplied by the number of years of creditable service up to 40 years. It is also assumed that certain cost-of-living adjustments will be made in future years.
- g) **Actuarially Determined Unfunded Accrued Liability**—The present value of the unfunded accrued liability, based on unaudited data provided the actuary by the System, was approximately \$9.1 billion at June 30, 2010.
- h) **Required Contributions (% of compensation)**—A “smoothed valuation interest rate” methodology was adopted on July 21, 2010 for the purpose of calculating the annual required contributions. A refinement of this methodology was adopted on July 27, 2011 to include a corridor around the long-term investment rate of return. Contributions required by the annual actuarial valuation as of June 30, 2010, to be made for the year ended June 30, 2013:

<b>(1) Member</b>	<b><u>6.00%</u></b>
<b>(2) Employer:</b>	
<b>Normal</b>	<b>6.36%</b>
<b>Unfunded Accrued Liability</b>	<b><u>5.05%</u></b>
<b>Total</b>	<b><u><u>11.41%</u></u></b>

# Summary of Actuarial Assumptions and Methods

## Service Retirement

Adopted November 17, 2010

Age	Male		Female	
	< 30 years of service	>= 30 years of service	< 30 years of service	>= 30 years of service
50	5.00%	50.00%	5.00%	50.00%
55	5.00	38.00	5.00	35.00
60	20.00	35.00	25.00	40.00
61	18.00	30.00	25.00	40.00
62	25.00	35.00	25.00	40.00
63	20.00	33.00	25.00	40.00
64	18.00	30.00	25.00	40.00
65	30.00	30.00	30.00	30.00
66	30.00	30.00	30.00	30.00
67	30.00	30.00	28.00	28.00
68	28.00	28.00	28.00	28.00
69	26.00	26.00	28.00	28.00
70	30.00	30.00	30.00	30.00

## Separation Before Service Retirement

Adopted November 17, 2010

Age	Annual Rate of				
	Death	Disability	Withdrawal Years of Service		
			0-4 Yrs	5-9 Yrs	10+ Yrs
<b>Male</b>					
20	0.03%	0.03%	31.00%	— %	— %
25	0.04	0.03	18.00	16.00	—
30	0.04	0.04	14.00	8.00	11.00
35	0.06	0.04	14.00	6.00	3.00
40	0.10	0.05	13.00	6.00	2.25
45	0.13	0.09	12.00	6.00	2.20
50	0.19	0.17	11.00	5.50	2.50
55	0.29	0.32	11.00	5.00	2.70
60	0.53	—	11.00	5.00	—
64	0.88	—	11.00	5.00	—
<b>Female</b>					
20	0.02%	0.02%	30.00%	— %	— %
25	0.02	0.02	14.00	25.00	—
30	0.02	0.02	13.00	9.00	9.00
35	0.04	0.03	13.00	7.00	3.50
40	0.06	0.04	11.00	7.00	3.00
45	0.09	0.07	10.00	5.50	2.00
50	0.13	0.12	10.00	5.00	2.00
55	0.20	0.38	10.00	4.75	2.75
60	0.35	—	10.00	4.75	—
64	0.58	—	10.00	4.75	—

# Actuarial Valuation Data

## Active Members

Active Members				
Fiscal Year <sup>(1)</sup>	Members	Annual Payroll (000's)	Average Pay	% Increase
2005	199,088	\$ 8,252,598	\$ 41,452	1.8 %
2006	206,592	8,785,985	42,528	2.6
2007	215,566	9,492,003	44,033	3.5
2008	224,993	10,197,584	45,324	2.9
2009	226,537	10,641,543	46,975	3.6
2010	222,020	10,437,703	47,012	0.1

## Retirees and Beneficiaries

Fiscal Year <sup>(1)</sup>	Added to Roll		Removed from Roll		Roll-End of Year		% Increase in Annual Allowances	Average Annual Allowances
	Number	Annual Allowances (000's)	Number	Annual Allowances (000's)	Number	Annual Allowances (000's)		
2005	6,176	\$ 230,973	1,594	\$ 33,139	66,172	\$ 1,854,279	11.9 %	\$ 28,022
2006	5,691	223,279	1,644	37,087	70,219	2,040,471	10.0	29,059
2007	5,858	230,924	1,656	39,293	74,421	2,232,102	9.4	29,993
2008	5,817	238,137	1,655	39,808	78,583	2,430,431	8.9	30,928
2009	5,543	245,006	1,768	45,116	82,358	2,630,321	8.2	31,938
2010	6,383	279,009	1,763	46,853	86,978	2,862,477	8.8	32,910

<sup>(1)</sup> Fiscal year refers to the actuarial valuation performed as of June 30 of that year and determines the funding necessary for the fiscal year beginning two years after the valuation date. An actuarial valuation for the fiscal year ended June 30, 2011 is currently in process and was not available for this analysis.

# Actuarial Valuation Data

## Solvency Test (in thousands)

Fiscal Year*	Aggregate Actuarial Accrued Liabilities For				Portion of Accrued Liabilities Covered by Assets		
	(1) Active Member Contributions	(2) Retirees and Beneficiaries	(3) Active Members (Employer-Financed Portion)	Actuarial Value of Assets	(1)	(2)	(3)
2005	\$ 5,171,813	\$ 23,229,592	\$ 19,409,809	\$ 46,836,895	100.0 %	100.0 %	95.0 %
2006	5,417,408	25,653,251	19,989,022	49,263,027	100.0	100.0	91.0
2007	5,703,184	28,212,100	21,081,286	52,099,171	100.0	100.0	86.3
2008	6,009,710	30,915,200	22,208,867	54,354,284	100.0	100.0	78.5
2009**	6,382,932	29,725,063	23,342,121	53,438,604	100.0	100.0	74.2
2010	6,705,274	34,264,548	22,622,215	54,529,416	100.0	100.0	59.9

\* Fiscal year refers to the actuarial valuation performed as of June 30 of that year and determines the funding necessary for the fiscal year beginning two years after the valuation date. An actuarial valuation for the fiscal year ended June 30, 2011 is currently in process and was not available for this analysis.

\*\* Revised since the previous valuation to reflect the refinement of the “smoothed valuation interest rate” methodology used in the 2010 valuation, which includes corridors around the long-term investment rate of return.

## Member and Employer Contribution Rates

Fiscal Year	Member	Employer
2007	5.00 %	9.28 %
2008	5.00	9.28
2009	5.00	9.28
2010	5.25	9.74
2011	5.53	10.28
2012	5.53	10.28

# Actuarial Valuation Data

## Analysis of Financial Experience (in millions)

Item	Analysis of the Change in Unfunded Accrued Liability Increase (Decrease) During the Years Ended June 30,					
	2010	2009	2008	2007	2006	2005
Interest Added to Previous Unfunded Accrued Liability	\$ 486.3	\$ 358.5	\$ 217.3	\$ 134.7	\$ 73.1	\$ (29.1)
Accrued Liability Contribution Experience:	(312.0)	(125.0)	(118.5)	57.2	51.9	49.4
Valuation Asset Growth	1,674.9	2,433.5	548.9	(132.3)	675.3	516.4
Pensioners' Mortality	89.8	50.1	58.4	25.6	(40.7)	(14.0)
Turnover and Retirements	269.5	307.1	291.4	213.3	65.8	59.9
New Entrants	123.7	185.1	258.8	212.6	143.5	104.0
Salary Increases	(1,040.5)	14.1	162.8	294.5	144.1	(227.5)
Method Changes <sup>(4)</sup>	—	(2,062.3)	—	—	(339.2)	313.7
Amendments <sup>(1)</sup>	—	—	386.3	252.3	48.5	—
Change in Member Contribution Rate <sup>(3)</sup>	12.8	—	(15.7)	(8.4)	—	—
Assumption Changes <sup>(2)</sup>	1,472.4	—	—	—	—	589.4
Miscellaneous	274.2	70.9	92.4	51.2	—	—
<b>Total Increase (Decrease)</b>	<b>\$ 3,051.1</b>	<b>\$ 1,232.0</b>	<b>\$ 1,882.1</b>	<b>\$ 1,100.7</b>	<b>\$ 822.3</b>	<b>\$ 1,362.2</b>

### <sup>(1)</sup> Amendments

2006 - Reflects the impact of House Bill 400 which increased allowances effective July 1, 2006 to retirees and beneficiaries retired before July 1, 1987.

2007- Reflects the impact of the first phase of the Plymel lawsuit.

2008- Reflects the impact of the final Plymel lawsuit.

### <sup>(2)</sup> Assumption Changes

2005 - The assumed rates of withdrawal, disability, retirement, and mortality and the assumed rates of salary increase have been revised to more closely reflect the actual and anticipated experience of the System. In addition, the administration expense load was increased to 0.25% from 0.15% of active payroll.

2010 - The assumed rates of withdrawal, disability, retirement, and mortality and the assumed rates of salary increase have been revised to more closely reflect the actual and anticipated experience of the System.

### <sup>(3)</sup> Member Contribution Rate

2007 - Reflects an increase in the member contribution rate from 5.00% to 5.25% effective July 1, 2009.

2008 - Reflects an increase in the member contribution rate from 5.25% to 5.53% effective July 1, 2010.

2010 - Reflects an increase in the member contribution rate from 5.53% to 6.00% effective July 1, 2012.

### <sup>(4)</sup> Method Changes

2006 - Reflects change from 5-year to 7-year market value smoothing (method for determining the actuarial value of assets).

2009 - Reflects change to a valuation interest rate smoothing methodology and a change to include a corridor around the long-term investment rate of return.

# Statistical Section Overview

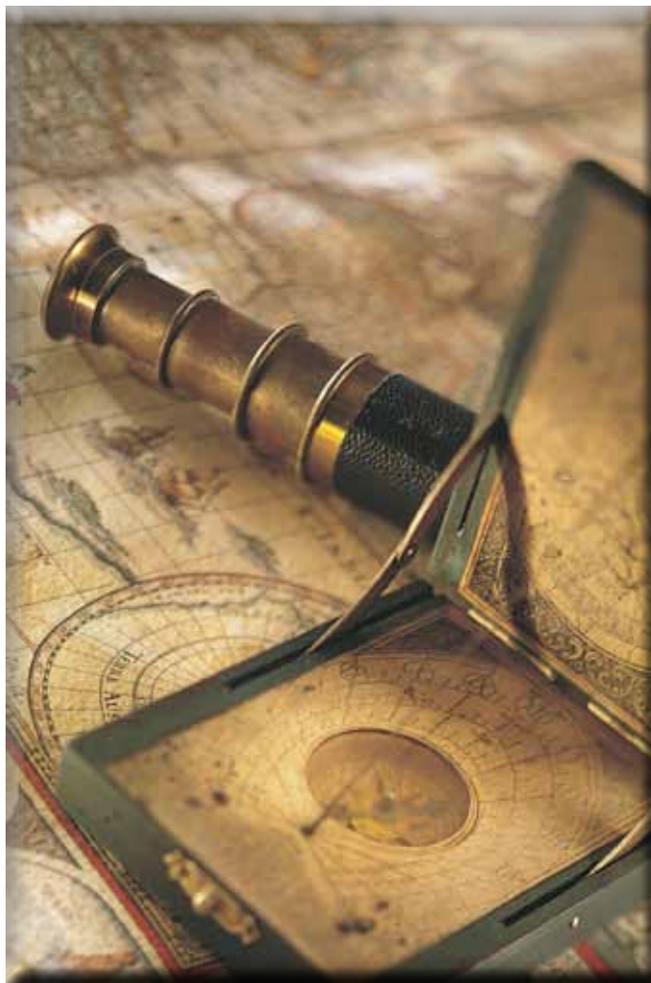
The statistical section presents additional information to provide financial statement users with added historical perspective, context, and detail to assist in using the information in the financial statements, notes to financial statements, and required supplementary information to understand and assess the System's financial condition.

## Financial Trends

The schedules presented on page 45 and page 46 contain trend information to help the reader understand how the System's financial position has changed over time.

## Operating Information

The schedules presented on pages 47 through 58 contain benefits, service and employer data to help the reader understand how the System's financial report relates to the services of the System and the activities it performs.



STATISTICAL SECTION

# Financial Trends

## Additions by Source (in thousands)

Fiscal Year	Member Contributions	Employer Contributions	Net Investment Income (Loss)	Total Additions to (Deductions from) Plan Net Assets
2002	\$ 403,952	\$ 716,917	\$ (1,610,477)	\$ (489,608)
2003	438,998	768,673	1,669,768	2,877,439
2004	448,929	782,301	3,794,733	5,025,963
2005	464,931	815,693	3,279,505	4,560,129
2006	485,721	855,626	2,691,062	4,032,409
2007	524,940	927,371	6,792,341	8,244,652
2008	554,027	986,759	(1,775,578)	(234,792)
2009	567,635	1,026,287	(6,572,435)	(4,978,513)
2010	592,264	1,057,416	4,671,571	6,321,251
2011	604,126	1,089,912	9,594,994	11,289,032

Contributions were made in accordance with actuarially determined contribution requirements.

## Deductions by Type (in thousands)

Fiscal Year	Benefit Payments									Total Deductions From Plan Net Assets
	Service	Partial Lump-Sum Option <sup>(1)</sup>	Disability	Survivor Benefits	Supplemental Payments <sup>(2)</sup>	Lump-Sum Death Settlement	Total Benefit Payments	Net Administrative Expenses	Refunds	
2002	\$ 1,181,838	\$ —	\$ 40,418	\$ 57,178	\$ 3,582	\$ 1,355	\$ 1,284,371	\$ 15,966	\$ 41,250	\$ 1,341,587
2003	1,323,871	—	43,545	62,223	3,120	1,881	1,434,640	14,804	40,883	1,490,327
2004	1,481,710	—	47,002	65,821	2,757	1,177	1,598,467	15,378	42,580	1,656,425
2005	1,656,652	15,653	50,959	72,025	2,398	1,791	1,799,478	19,558	50,491	1,869,527
2006	1,863,194	26,601	62,773	35,394	2,093	1,376	1,991,431	20,173	53,138	2,064,742
2007	2,128,927	33,378	70,431	46,670	1,842	1,702	2,282,950	22,073	52,875	2,357,898
2008	2,527,156	40,820	89,348	95,452	1,648	2,059	2,756,483	23,744	54,482	2,834,709
2009	2,385,561	37,191	72,028	36,922	1,414	1,371	2,534,487	22,603	49,414	2,606,504
2010	2,639,144	34,530	74,998	49,290	1,122	1,340	2,800,424	20,223	53,638	2,874,285
2011	2,868,815	37,652	80,393	52,122	922	1,599	3,041,503	20,986	67,916	3,130,405

(1) Partial Lump-Sum Option Plan became effective July 1, 2004.

(2) Supplemental payments to retirees who belong to a local retirement system.

# Financial Trends

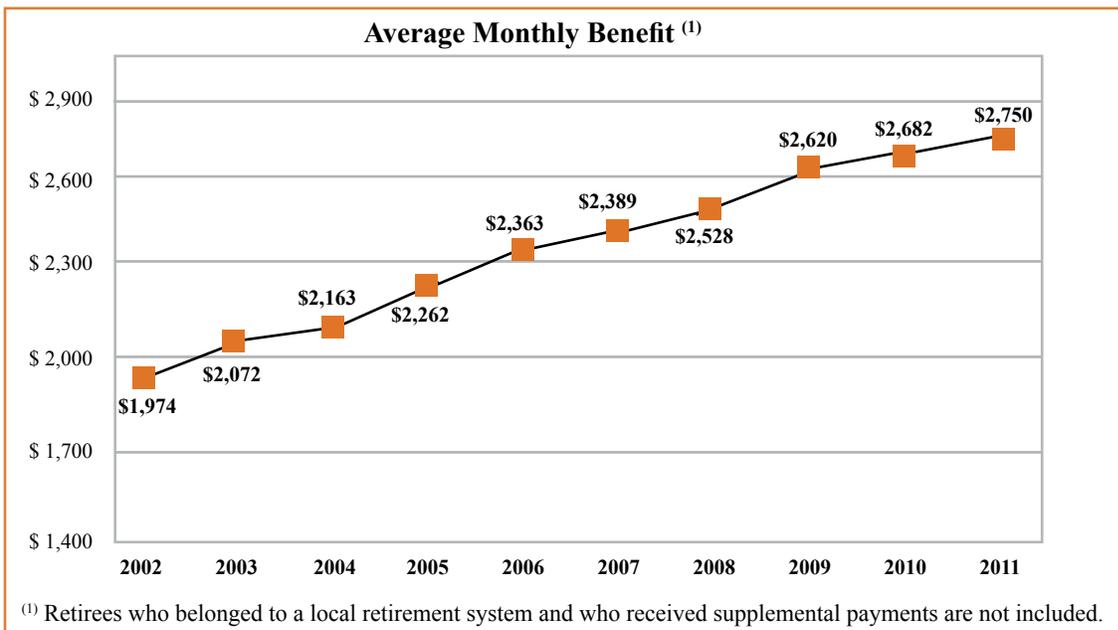
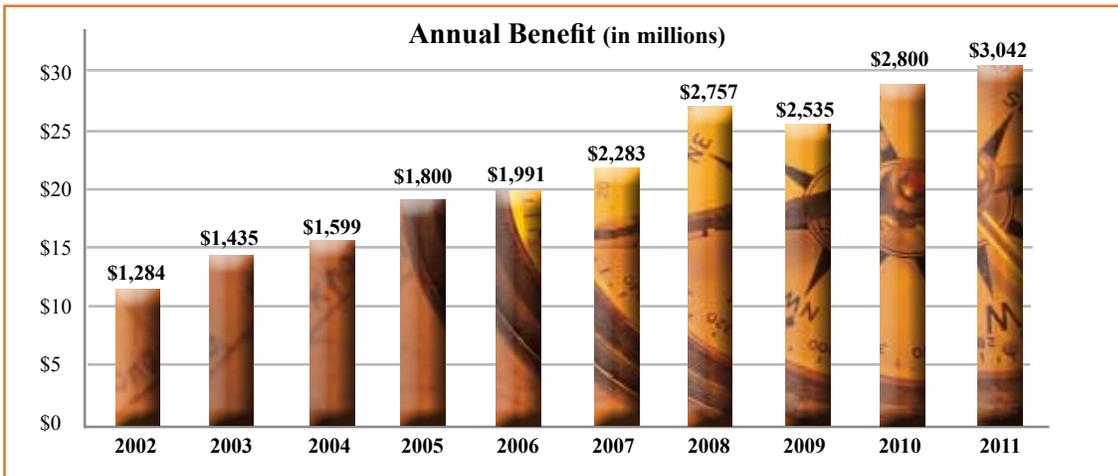
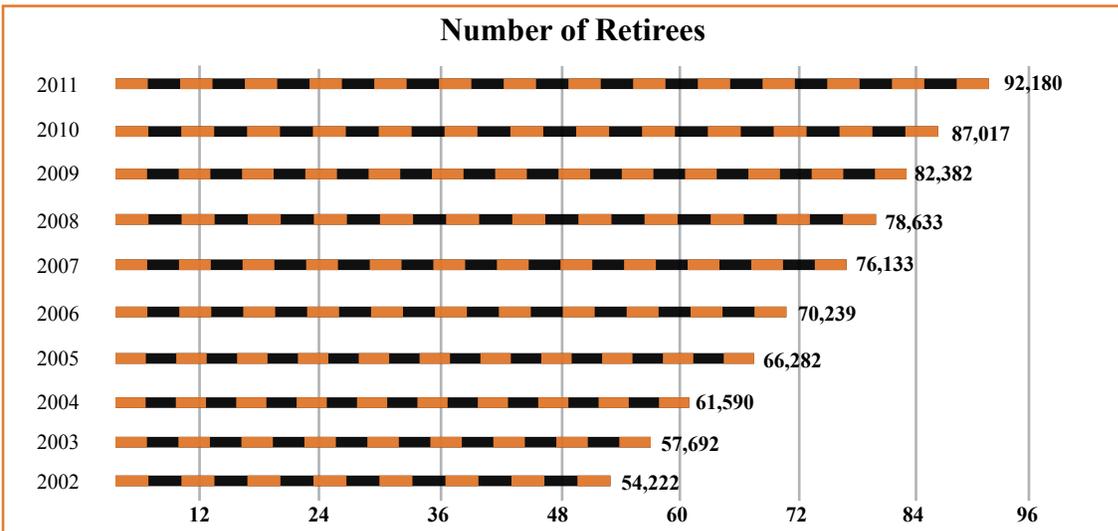
## Changes in Net Assets (in thousands)

Fiscal Year	Total Additions to Plan Net Assets	Total Deductions from Plan Net Assets	Changes in Plan Net Assets
2002	\$ (489,608)	\$ 1,341,587	\$ (1,831,195)
2003	2,877,439	1,490,327	1,387,112
2004	5,025,963	1,656,425	3,369,538
2005	4,560,129	1,869,527	2,690,602
2006	4,032,409	2,064,742	1,967,667
2007	8,244,652	2,357,898	5,886,754
2008	(234,792)	2,834,709	(3,069,501)
2009	(4,978,513)	2,606,504	(7,585,017)
2010	6,321,251	2,874,285	3,446,966
2011	11,289,032	3,130,405	8,158,627



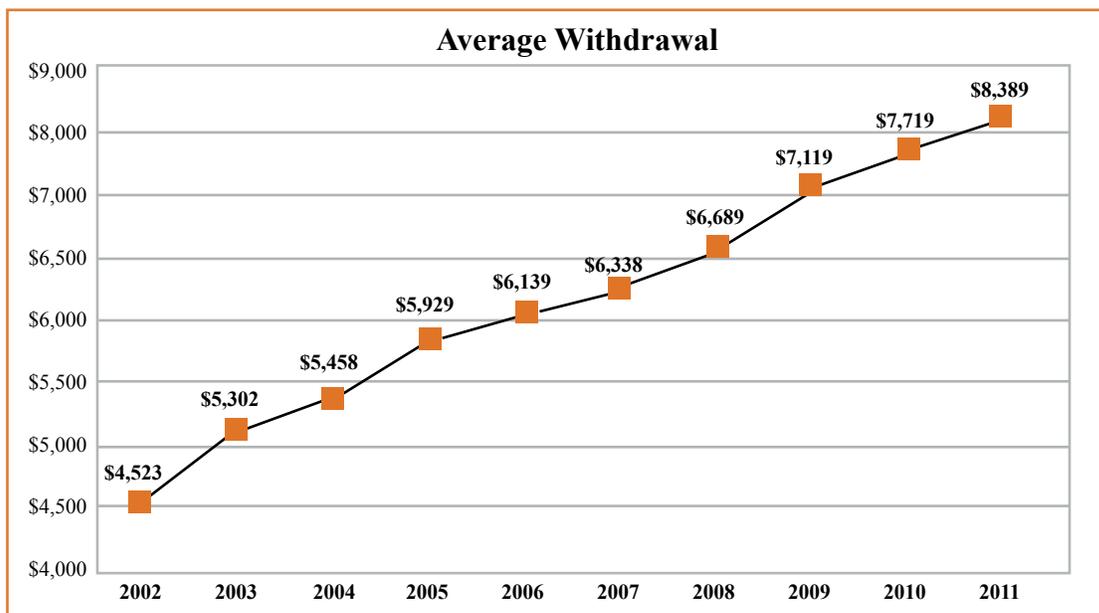
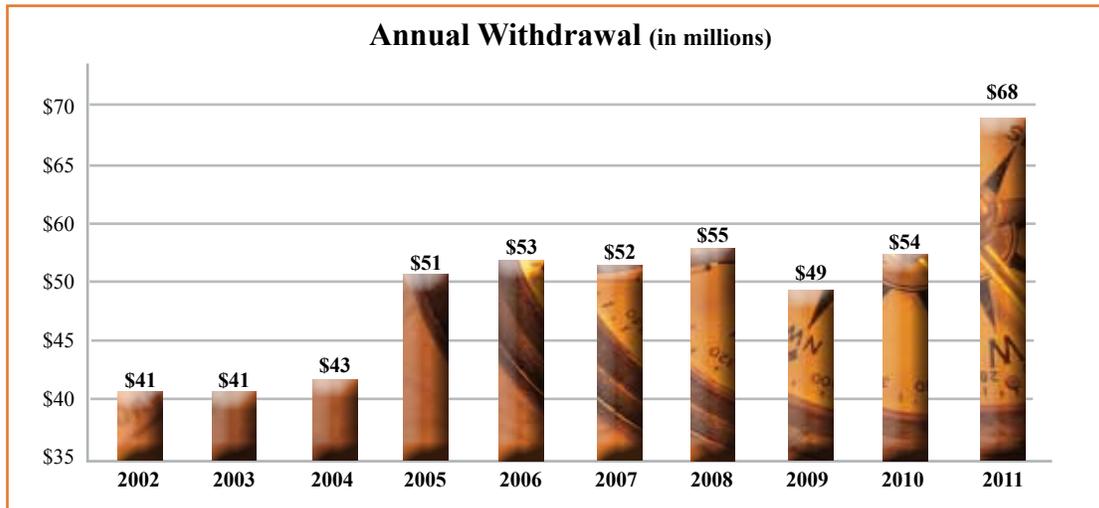
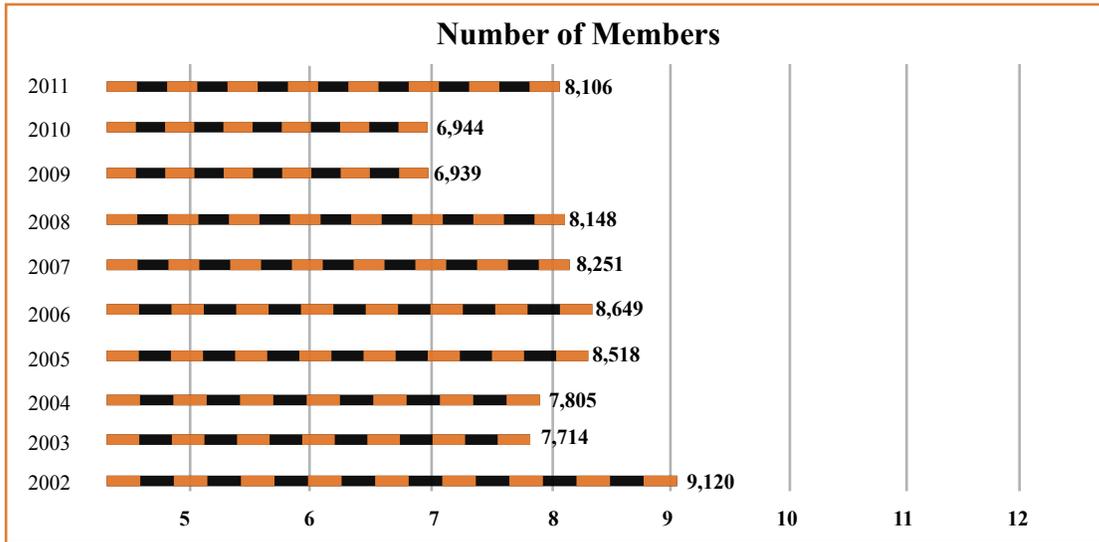
# Operating Information

## Benefit Payment Statistics



# Operating Information

## Member Withdrawal Statistics



# Operating Information

## Average Monthly Benefit Payments for New Retirees

Effective Retirement Dates for Fiscal Years Ended June 30,	Years Credited Service					Total
	10 - 15	16 - 20	21 - 25	26 - 30	Over 30	
<b>2002</b>						
Average monthly benefit	\$ 669.01	\$1,129.23	\$1,646.88	\$2,624.62	\$3,322.04	\$2,258.01
Average final average salary	\$2,499.32	\$3,627.31	\$3,545.14	\$4,433.46	\$5,070.61	\$4,298.67
Number of retirees	721	445	614	1,795	1,283	4,858
<b>2003</b>						
Average monthly benefit	\$ 783.71	\$1,526.45	\$1,859.12	\$2,604.05	\$3,462.68	\$2,418.00
Average final average salary	\$2,673.99	\$3,339.27	\$3,745.58	\$4,401.55	\$5,216.65	\$4,405.15
Number of retirees	807	483	545	1,714	1,661	5,210
<b>2004</b>						
Average monthly benefit	\$1,405.03	\$1,351.04	\$1,895.12	\$2,763.31	\$3,557.04	\$2,527.79
Average final average salary	\$5,017.00	\$3,283.34	\$3,823.40	\$4,471.74	\$5,389.07	\$4,628.32
Number of retirees	906	579	630	1,864	1,611	5,590
<b>2005</b>						
Average monthly benefit	\$ 729.34	\$1,216.78	\$1,751.04	\$2,575.64	\$3,474.65	\$2,431.70
Average final average salary	\$2,960.22	\$3,315.00	\$4,014.56	\$4,511.41	\$5,345.03	\$4,455.10
Number of retirees	907	689	693	1,379	2,545	6,213
<b>2006</b>						
Average monthly benefit	\$ 759.49	\$1,236.93	\$1,874.90	\$2,356.35	\$3,361.85	\$2,436.59
Average final average salary	\$3,002.19	\$3,273.99	\$4,036.61	\$4,571.12	\$5,338.88	\$4,495.40
Number of retirees	815	651	653	718	2,780	5,617
<b>2007</b>						
Average monthly benefit	\$ 757.50	\$1,246.18	\$1,782.60	\$2,350.01	\$3,330.98	\$2,335.28
Average final average salary	\$3,193.24	\$3,580.49	\$4,061.53	\$4,669.55	\$5,406.13	\$4,182.19
Number of retirees	975	704	758	729	2,725	5,891
<b>2008</b>						
Average monthly benefit	\$ 809.08	\$1,324.02	\$1,866.99	\$2,466.86	\$3,488.62	\$2,424.71
Average final average salary	\$3,404.28	\$3,734.90	\$4,283.55	\$4,797.61	\$5,676.32	\$4,755.66
Number of retirees	1,010	726	777	686	2,665	5,864
<b>2009</b>						
Average monthly benefit	\$ 812.18	\$1,293.52	\$1,892.41	\$2,564.06	\$3,603.15	\$2,456.32
Average final average salary	\$3,430.35	\$3,676.14	\$4,302.88	\$4,938.17	\$5,785.56	\$4,794.47
Number of retirees	1,008	701	774	601	2,480	5,564
<b>2010</b>						
Average monthly benefit	\$ 859.93	\$1,433.00	\$1,931.22	\$2,624.98	\$3,655.74	\$2,479.89
Average final average salary	\$3,651.87	\$4,095.26	\$4,366.28	\$5,142.35	\$5,820.83	\$4,902.99
Number of retirees	1,195	786	1,018	690	2,736	6,425
<b>2011</b>						
Average monthly benefit	\$ 879.11	\$1,483.30	\$1,963.77	\$2,719.55	\$3,735.70	\$2,456.69
Average final average salary	\$3,753.60	\$4,216.80	\$4,461.70	\$5,175.76	\$5,940.78	\$4,943.41
Number of retirees	1,455	954	1,150	812	2,797	7,168

# Operating Information

## Retired Members by Type of Benefit

Amount of Monthly Benefit	Number of Retirees	Type of Retirement <sup>(1)</sup>				Option Selected <sup>(2)</sup>							
		A	B	C	D	Maximum	Opt-1	Opt-2	Opt-3	Opt-4	Opt-2 Pop-Up	Opt-3 Pop-Up	
\$ 1 - 250	640	324	59	126	131	321	7	199	48	38	19	8	
251-500	4,189	3,368	457	358	6	2,761	111	754	162	101	211	89	
501-750	5,385	4,454	529	396	6	3,651	172	896	213	52	274	127	
751-1000	5,572	4,683	512	355	22	3,707	166	917	275	35	310	162	
1001-1250	5,081	4,302	457	307	15	3,273	169	804	247	37	359	192	
1,251 - 1,500	4,308	3,695	370	233	10	2,705	137	695	242	38	311	180	
1,501 - 1,750	4,006	3,469	313	220	4	2,496	150	632	225	42	278	183	
1,751 - 2,000	3,899	3,447	291	160	1	2,443	146	555	263	42	260	190	
2,001 - 2,250	3,820	3,422	283	115	0	2,406	152	513	232	43	301	173	
2,251 - 2,500	4,041	3,659	274	108	0	2,558	169	498	261	55	325	175	
2,501 - 2,750	4,727	4,376	253	98	0	3,102	179	536	244	67	377	222	
2,751 - 3,000	5,384	5,107	181	96	0	3,585	218	578	265	69	417	252	
3,001 - 3,250	5,797	5,595	143	59	0	3,875	277	526	265	100	441	313	
3,251 - 3,500	6,269	6,162	75	32	0	4,371	327	484	271	88	440	288	
3,501 - 3,750	5,472	5,386	53	33	0	3,762	275	448	247	95	358	287	
3,751 - 4,000	4,603	4,538	29	36	0	3,211	268	351	225	61	276	211	
4,001 - 4,250	3,677	3,630	18	29	0	2,577	192	282	194	61	203	168	
4,251 - 4,500	2,874	2,847	9	18	0	1,996	141	230	161	54	153	139	
4,501 - 4,750	2,214	2,191	12	11	0	1,518	104	201	140	52	111	88	
4,751 - 5,000	1,767	1,744	10	13	0	1,159	111	172	103	30	105	87	
Over 5,000	8,455	8,368	15	72	0	4,935	460	1,101	812	301	414	432	
<b>TOTALS</b>	<b>92,180</b>	<b>84,767</b>	<b>4,343</b>	<b>2,875</b>	<b>195</b>	<b>60,412</b>	<b>3,931</b>	<b>11,372</b>	<b>5,095</b>	<b>1,461</b>	<b>5,943</b>	<b>3,966</b>	

<sup>(1)</sup> Type of Retirement  
A - Service  
B - Disability  
C - Survivor benefit  
D - Supplemental payments to retirees who belonged to a local retirement system.

<sup>(2)</sup> Refer to Introductory Section, beginning on page 10 for descriptions of Options.

# Operating Information

## Retirement Payments By County Residence

County	Number of Retirees	FY11 Total Gross Pay	County	Number of Retirees	FY11 Total Gross Pay
Appling	240	\$ 7,838,786.18	Coffee	427	\$ 13,970,695.70
Atkinson	72	2,406,033.68	Colquitt	382	12,899,676.06
Bacon	122	4,169,411.20	Columbia	1,671	52,982,542.64
Baker	7	222,049.74	Cook	194	5,909,637.28
Baldwin	574	18,726,373.29	Coweta	944	31,072,909.35
Banks	151	3,949,810.93	Crawford	51	1,735,989.92
Barrow	468	12,450,900.63	Crisp	280	8,554,639.52
Bartow	720	22,037,477.29	Dade	112	3,455,027.57
Ben Hill	223	7,371,096.01	Dawson	212	6,400,453.86
Berrien	229	6,535,330.36	Decatur	82	4,697,102.51
Bibb	1,770	57,486,240.12	Dekalb	4,750	207,257,209.02
Bleckley	229	6,740,487.69	Dodge	235	7,488,148.80
Brantley	110	3,435,141.07	Dooly	101	3,440,044.46
Brooks	162	5,402,143.13	Dougherty	1,118	42,610,255.19
Bryan	211	6,113,972.06	Douglas	700	24,459,657.01
Bulloch	1,102	38,843,910.28	Early	25	2,673,933.20
Burke	188	6,192,247.15	Echols	7	226,114.56
Butts	200	6,074,842.03	Effingham	297	8,139,476.88
Calhoun	24	1,3825,222.52	Elbert	226	5,700,142.21
Camden	265	9,401,286.06	Emanuel	327	10,963,683.55
Candler	131	3,626,154.98	Evans	122	3,509,652.16
Carroll	1,395	46,402,545.03	Fannin	272	7,848,448.79
Catoosa	351	11,073,771.24	Fayette	1,216	46,786,688.97
Charlton	77	2,546,586.69	Floyd	1,153	37,708,472.40
Chatham	2,329	78,142,918.12	Forsyth	645	18,463,564.35
Chattahoochee	24	742,236.25	Franklin	294	9,009,927.90
Chattooga	253	7,686,861.03	Fulton	5,782	244,574,726.74
Cherokee	1,334	39,337,526.55	Gilmer	242	7,602,653.46
Clarke	2,744	116,417,237.42	Glascok	32	1,069,330.69
Clay	10	1,022,850.00	Glynn	1,025	32,066,947.04
Clayton	924	42,555,063.32	Gordon	446	13,499,436.60
Clinch	83	2,815,815.05	Grady	66	3,085,696.36
Cobb	4,254	159,310,672.60	Greene	238	7,145,120.56

# Operating Information

## Retirement Payments By County Residence continued

County	Number of Retirees	FY11 Total Gross Pay	County	Number of Retirees	FY11 Total Gross Pay
Gwinnett	3,254	\$ 127,954,125.37	Miller	19	\$ 909,134.28
Habersham	494	13,635,486.33	Mitchell	227	7,270,046.37
Hall	1,441	49,311,388.70	Monroe	225	6,851,730.37
Hancock	119	3,135,996.36	Montgomery	108	3,143,893.71
Haralson	265	7,890,265.59	Morgan	282	8,388,607.61
Harris	301	9,112,154.46	Murray	281	9,089,359.36
Hart	238	7,470,777.87	Muscogee	2,157	74,956,228.79
Heard	66	2,392,133.84	Newton	570	16,828,495.11
Henry	1,266	42,412,235.04	Oconee	932	32,821,614.89
Houston	1,033	35,428,617.88	Oglethorpe	225	6,590,682.54
Irwin	90	3,085,833.88	Paulding	415	11,304,247.54
Jackson	731	17,956,193.87	Peach	522	18,220,143.30
Jasper	173	5,738,270.70	Pickens	509	15,137,721.75
Jeff Davis	129	3,789,680.58	Pierce	199	5,859,259.67
Jefferson	187	5,825,932.68	Pike	195	5,604,996.90
Jenkins	106	3,236,307.64	Polk	400	13,773,775.01
Johnson	105	2,989,926.05	Pulaski	106	3,347,983.50
Jones	191	6,443,704.18	Putnam	294	8,789,790.29
Lamar	211	6,000,739.01	Quitman	1	593,445.60
Lanier	56	1,623,045.47	Rabun	231	6,633,514.08
Laurens	623	19,318,440.16	Randolph	19	1,106,237.44
Lee	219	7,163,194.11	Richmond	2,531	82,487,983.99
Liberty	210	7,104,483.84	Rockdale	632	24,911,615.14
Lincoln	125	3,545,068.93	Schley	46	1,317,419.77
Long	42	1,384,530.08	Screven	197	5,668,276.19
Lowndes	1,367	43,070,401.33	Seminole	24	1,382,322.16
Lumpkin	374	11,665,260.70	Spalding	716	23,167,311.98
Macon	139	4,718,321.13	Stephens	333	10,205,301.79
Madison	606	15,608,542.36	Stewart	70	2,339,583.61
Marion	67	2,194,642.89	Sumter	400	14,162,874.00
McDuffie	255	9,139,463.65	Talbot	68	1,760,302.64
McIntosh	141	3,718,284.01	Taliaferro	19	479,190.48
Meriwether	216	7,129,419.08	Tattall	172	5,146,395.74

# Operating Information

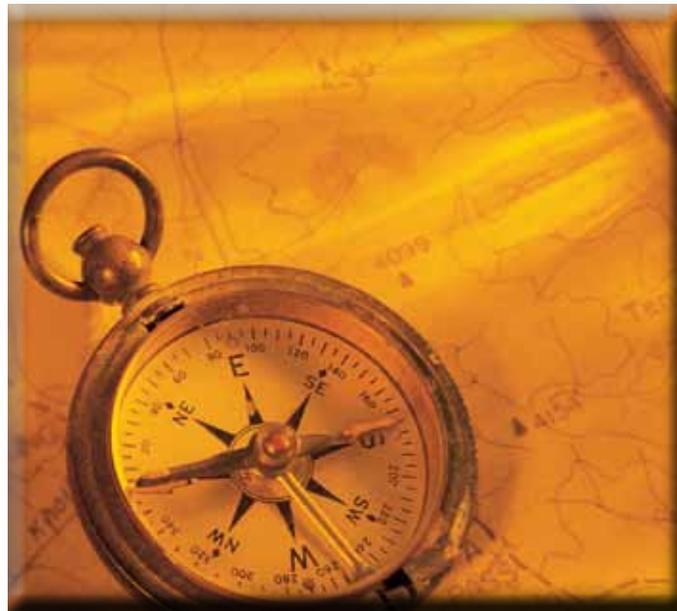
## Retirement Payments By County Residence continued

County	Number of Retirees	FY11 Total Gross Pay
Taylor	108	\$ 3,439,175.73
Telfair	192	6,121,684.15
Terrell	32	2,005,834.71
Thomas	593	18,644,922.37
Tift	741	25,128,297.32
Toombs	308	10,047,727.09
Towns	191	4,850,463.24
Treutlen	85	2,669,566.12
Troup	646	21,556,868.50
Turner	155	4,951,415.83
Twiggs	66	2,007,182.35
Union	273	6,790,774.66
Upson	314	10,198,371.41
Walker	510	15,354,150.53
Walton	815	23,259,625.89
Ware	497	17,569,011.00
Warren	60	1,765,368.48
Washington	245	8,228,871.25
Wayne	323	9,744,389.30
Webster	21	523,507.80
Wheeler	89	2,906,997.81
White	357	9,194,410.64
Whitfield	794	28,842,139.00
Wilcox	130	4,016,562.38
Wilkes	151	4,092,545.80
Wilkinson	111	3,572,941.12
Worth	181	5,529,810.88
Outside GA	11,577	241,997,229.26
<b>TOTALS</b>	<b>92,180</b>	<b>\$ 3,041,503,202.97</b>

# Operating Information

## Principal Participating Employers

Employers	2011			2002		
	Covered Employees	Rank	Percentage of Total System	Covered Employees	Rank	Percentage of Total System
Gwinnett County Schools	16,115	1	7.45 %	12,249	1	6.09 %
Cobb County Schools	11,219	2	5.19	11,339	2	5.63
Dekalb County Schools	10,709	3	4.95	11,161	3	5.55
Fulton County Schools	9,471	4	4.38	8,055	5	4.00
University of Georgia	7,613	5	3.52	8,762	4	4.35
Atlanta City Schools	5,425	6	2.51	5,996	6	2.98
Clayton County Schools	5,234	7	2.42	5,342	7	2.65
Chatham County Schools	4,314	8	2.00	4,276	8	2.12
Henry County Schools	3,974	9	1.84	—	—	—
Muscogee County Schools	3,817	10	1.77	3,841	9	1.91
Richmond County Schools	—	—	—	3,759	10	1.87
All Others	<u>138,276</u>		<u>63.97</u>	<u>126,498</u>		<u>62.85</u>
Total	<u>216,167</u>		<u>100.00 %</u>	<u>201,278</u>		<u>100.00 %</u>



# Operating Information

## Participating Employers

### Universities and Colleges

Abraham Baldwin Agricultural College  
Albany State University  
Armstrong Atlantic State University  
Atlanta Metropolitan College  
Augusta State University  
Bainbridge College  
Clayton College and State University  
Coastal College  
Columbus State University  
Dalton State College  
Darton College  
East Georgia College  
Fort Valley State University  
Gainesville College  
Georgia College and State University  
Georgia Gwinnett College  
Georgia Highlands College  
Georgia Institute of Technology  
Georgia Perimeter College  
Georgia Southern University  
Georgia Southwestern College  
Georgia State University  
Gordon College  
Kennesaw State University  
Macon State College  
Medical College of Georgia  
Middle Georgia College  
North Georgia College and State University  
Savannah State University  
Skidaway Institute of Oceanography  
South Georgia College  
Southern Polytechnic State University  
State University of West Georgia  
University of Georgia  
Valdosta State University  
Waycross College

### Boards of Education

Appling County  
Atkinson County  
Atlanta City  
Bacon County

### Boards of Education cont.

Baker County  
Baldwin County  
Banks County  
Barrow County  
Bartow County  
Ben Hill County  
Berrien County  
Bibb County  
Bleckley County  
Brantley County  
Bremen City  
Brooks County  
Bryan County  
Buford City  
Bulloch County  
Burke County  
Butts County  
Calhoun City  
Calhoun County  
Camden County  
Candler County  
Carroll County  
Carrollton City  
Cartersville City  
Catoosa County  
Charlton County  
Chatham County  
Chattahoochee County  
Chattooga County  
Cherokee County  
Chickamauga City  
Clarke County  
Clay County  
Clayton County  
Clinch County  
Cobb County  
Coffee County  
Colquitt County  
Columbia County  
Commerce City  
Cook County  
Coweta County  
Crawford County  
Crisp County

### Boards of Education cont.

Dade County  
Dalton City  
Dawson County  
Decatur City  
Decatur County  
DeKalb County  
Dodge County  
Dooly County  
Dougherty County  
Douglas County  
Dublin City  
Early County  
Echols County  
Effingham County  
Elbert County  
Emanuel County  
Evans County  
Fannin County  
Fayette County  
Floyd County  
Forsyth County  
Franklin County  
Fulton County  
Gainesville City  
Gilmer County  
Glascock County  
Glynn County  
Gordon County  
Grady County  
Greene County  
Griffin-Spalding County  
Gwinnett County  
Habersham County  
Hall County  
Hancock County  
Haralson County  
Harris County  
Hart County  
Heard County  
Henry County  
Houston County  
Irwin County  
Jackson County  
Jasper County

# Operating Information

## Participating Employers

### Boards of Education *cont.*

Jeff Davis County  
Jefferson City  
Jefferson County  
Jenkins County  
Johnson County  
Jones County  
Lamar County  
Lanier County  
Laurens County  
Lee County  
Liberty County  
Lumpkin County  
Macon County  
Madison County  
Marietta City  
Marion County  
McDuffie County  
McIntosh County  
Meriwether County  
Miller County  
Mitchell County  
Monroe County  
Montgomery County  
Morgan County  
Murray County  
Muscogee County  
Newton County  
Oconee County  
Oglethorpe County  
Paulding County  
Peach County  
Pelham City  
Pickens County  
Pierce County  
Pike County  
Polk School District  
Pulaski County  
Putnam County  
Quitman County  
Rabun County  
Randolph County  
Richmond County

### Boards of Education *cont.*

Rockdale County  
Rome City  
Schley County  
Screven County  
Seminole County  
Social Circle City  
Stephens County  
Stewart County  
Sumter County  
Talbot County  
Taliaferro County  
Tattnall County  
Taylor County  
Telfair County  
Terrell County  
Thomas County  
Thomasville City  
Thomaston-Upson County  
Tift County  
Toombs County  
Towns County  
Trent County  
Trion City  
Troup County  
Turner County  
Twiggs County  
Union County  
Valdosta City  
Vidalia City  
Walker County  
Walton County  
Ware County  
Warren County  
Washington County  
Wayne County  
Webster County  
Wheeler County  
White County  
Whitfield County  
Wilcox County  
Wilkes County  
Wilkinson County  
Worth County

### Public Libraries

Athens Regional Library  
Barnesville-Lamar County Library  
Bartow County Library  
Bartram Trail Regional Library  
Brooks County Library  
Camden County Library  
Chatsworth-Murray County Library  
Chattooga County Library  
Cherokee Regional Library  
Chestatee Regional Library  
Clayton County Regional Library  
Coastal Plains Regional Library  
Cobb County Public Library  
Conyers-Rockdale Library  
Coweta County Public Library  
DeKalb County Public Library  
Desota Trail Regional Library  
Dougherty County Public Library  
East Central Georgia Regional Library  
Elbert County Public Library  
Fitzgerald-Ben Hill County Library  
Flint River Regional Library  
Forsyth County Public Library  
Gwinnett County Public Library  
Hall County Library  
Hart County Library  
Hawkes Library  
Henry County Library  
Houston County Public Library  
Jefferson County Library  
Kinchafoonee Regional Library  
Lake Blackshear Regional Library  
Lee County Public Library  
Lincoln County Library  
Live Oak Public Library  
M.E. Roden Memorial Library  
Mary Vinson Memorial Library  
Middle Georgia Regional Library  
Moultrie-Colquitt County Library  
Mountain Regional Library  
Newton County Library  
Northeast Georgia Regional Library  
Northwest Georgia Regional Library

# Operating Information

## Participating Employers

### Public Libraries *continued*

Ocmulgee Regional Library  
Oconee Regional Library  
Ohoopsee Regional Library  
Okefenokee Regional Library  
Peach Public Library  
Piedmont Regional Library  
Pine Mountain Regional Library  
Roddenberry Memorial Library  
Sara Hightower Regional Library  
Satilla Regional Library  
Screven-Jenkins Regional Library  
Sequoyah Regional Library  
South Georgia Regional Library  
Southwest Georgia Regional Library  
Statesboro Regional Library  
Thomas County Public Library  
Three Rivers Regional Library  
Troup-Harris-Coweta Regional Library  
Uncle Remus Regional Library  
Warren County Public Library  
West Georgia Regional Library  
Worth County Library System

### Technical Colleges

Albany Technical College  
Altamaha Technical College  
Athens Technical College  
Atlanta Technical College  
Augusta Technical College  
Central Georgia Technical College  
Chattahoochee Technical College  
Columbus Technical College  
DeKalb Technical College  
Georgia Northwestern Technical College  
Gwinnett Technical College  
Heart of Georgia Technical College  
Lanier Technical College  
Middle Georgia Technical College  
Moultrie Technical College  
North Georgia Technical College  
Ogeechee Technical College

### Technical Colleges *continued*

Okefenokee Technical College  
Sandersville Technical College  
Savannah Technical College  
South Georgia Technical College  
Southeastern Technical College  
Southern Crescent Technical College  
Southwest Georgia Technical College  
West Georgia Technical College  
Wiregrass Georgia Technical College

### Regional Educational Service Agencies

Central Savannah River Area RESA  
Chattahoochee Flint RESA  
Coastal Plains RESA  
First District RESA  
Griffin RESA  
Heart of Georgia RESA  
Metro RESA  
Middle Georgia RESA  
North Georgia RESA  
Northeast Georgia RESA  
Northwest Georgia RESA  
Oconee RESA  
Okefenokee RESA  
Pioneer RESA  
Southwest Georgia RESA  
West Georgia RESA

### Charter Schools

Academy of Lithonia Charter  
Academy of Mableton  
Academy of Smyrna Charter  
Amana Academy  
Atlanta Heights Charter School  
Atlanta Preparatory Academy  
Baconton Community Charter School  
Brighten Academy  
Challenge Charter Academy  
Chancellor Beacon Academy  
Charles Drew Charter School

# Operating Information

## Participating Employers

### Charter Schools *cont.*

Charter Conservatory for Liberal Arts  
and Technology, Inc.  
Coweta Academy Charter  
DeKalb Academy of Technology  
DeKalb Path Academy  
Fulton Leadership Academy  
Fulton Science Academy High  
Fulton Science Academy Charter School  
Fulton Sunshine Academy  
Georgia Magnet Charter School  
Imagine Wesley International Academy  
International Community Charter School  
Ivy Preparatory Academy  
Kennesaw Charter Science  
Kidspeace National Centers  
Kipp Metro Atlanta Collaborate  
Kipp South Fulton Academy  
Leadership Preparatory Academy  
Lewis Academy of Excellence  
Main Street Academy  
Marietta Charter School  
Mountain Education Center  
Museum School of Avondale  
Neighborhood Charter School  
New Life Academy of Excellence  
Odyssey Charter School  
Pataula Charter Academy  
Peachtree Hope Charter  
Scholars Academy Inc.  
Southeast Atlanta Charter Schools  
T.E.A.C.H. Charter School  
Tech High School  
The Kindezi School  
University Community Academy

### State Agencies

Cooperative Extension Service  
Department of Behavioral Health  
Department of Community Health  
Department of Corrections  
Department of Human Resources  
Department of Juvenile Justice

### State Agencies *cont.*

Department of Natural Resources  
Department of Public Safety  
Georgia Department of Driver Services  
Georgia Department of Economic Development  
Georgia Department of Agriculture  
Georgia Department of Audits  
Georgia Department of Early Care and Learning  
Georgia Department of Education  
Georgia Department of Labor  
Georgia General Assembly  
Georgia Public Defender Council  
Georgia Public Telecommunications  
Georgia Student Finance Committee  
Office of Planning and Budget  
Secretary of State  
State Accounting Office  
Technical College System of Georgia

### Other

Baldwin County Board of Health  
Board of Regents  
Cherokee County Board of Health  
DeKalb County DFCS  
Effingham County Tax Office  
Georgia Association of Educators  
Georgia Military College  
Glynn County Health Department  
Henry County Health Department  
Lowndes County DFACS  
Mitchell Baker Services  
Ware County Health Department







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