

# South Carolina Retirement Systems

# Comprehensive Annual Financial Report

For the Fiscal Year Ended June 30, 2006

Pension Trust Funds of the State of South Carolina

Defining the Foundation of Your Retirement Plan



# **South Carolina Retirement Systems**

A Division of the South Carolina State Budget and Control Board

# Comprehensive Annual Financial Report

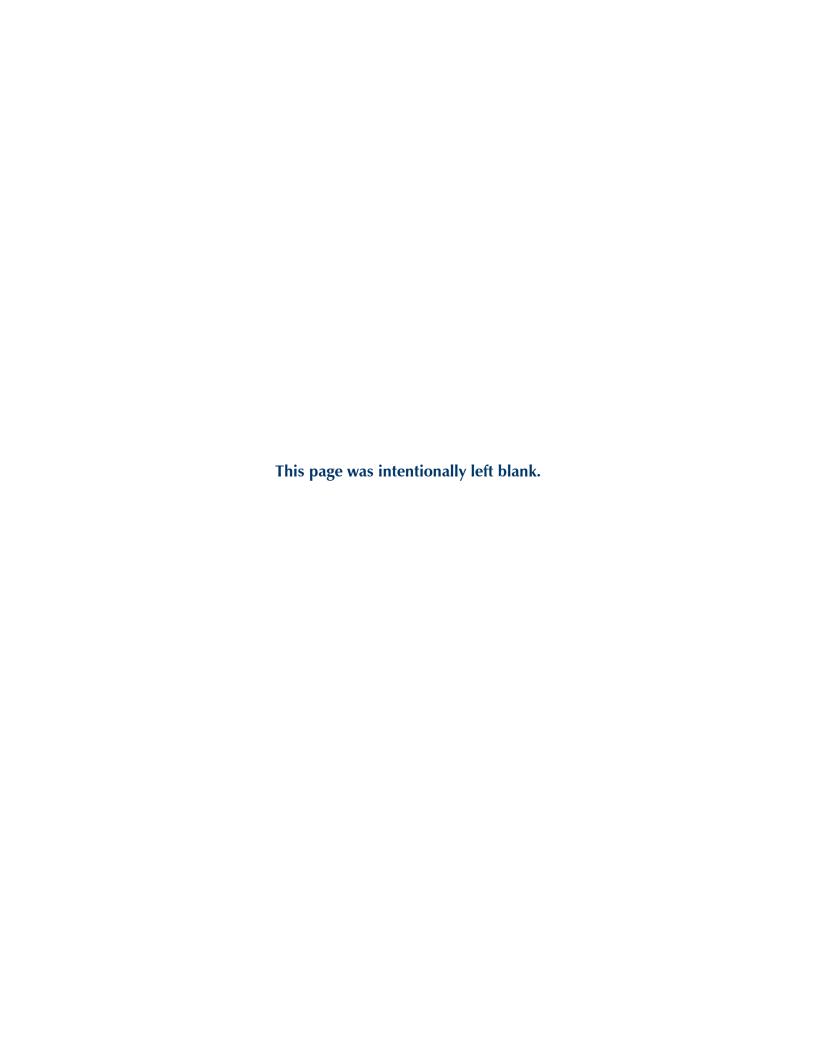
Fiscal Year Ended June 30, 2006

**Pension Trust Funds of the State of South Carolina** 

Fontaine Business Center 202 Arbor Lake Drive Columbia, South Carolina 29223

> Peggy G. Boykin, C.P.A. Director

Prepared through the joint efforts of the Retirement Systems' staff.



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di-ver-si-fi-ca-tion (dĭ-vûr' sə-fī-kā'shən) An investment technique which reduces the risk of the overall portfolio by investing in a large number of uncorrelated assets. The process helps to mitigate exposure to individual firm-specific risks. Diversification also helps to give much more normalized returns over time. By investing in different companies or assets no individual asset can have a dramatic impact on the total value of the portfolio.

Federal Reserve System (fed'ər-əl rĭ-zûrv'sĭs'tem) The Central Bank of the United States. The Federal Reserve System (or more commonly "The Fed") regulates the money supply, prints money, fixes the discount rate and issues government bonds with the goal of providing stability to the overall US economy. The system is controlled by a chairman (currently Ben Bernanke) and seven committee members (or 'governors') who are all appointed by the president of the United States.

**fi-du-ci-ar-y** (fi-doo' shē-ĕr' ē) An entity, either an individual, corporation or association, which exercises discretionary authority over the assets of a plan, provides management or administrative functions, controls disposition of its assets, or renders investment advice for a fee.

# Introductory Section

Mark Sanford, Chairman Governor Grady L. Patterson, Jr. State Treasurer Richard Eckstrom Comptroller General

# **State Budget and Control Board**

**South Carolina Retirement Systems** 



1-803-737-6800

ggy G. Boykin, CPA
Director 1-800-868-9002

Hugh K. Leatherman, Sr.
Chairman,
Senate Finance Committee
Daniel T. Cooper
Chairman,
Ways and Means Committee
Frank W. Fusco

**Executive Director** 

### LETTER OF TRANSMITTAL

November 1, 2006

The Honorable Mark Sanford, Governor and State Budget and Control Board State of South Carolina

#### Gentlemen:

We are pleased to present the *Comprehensive Annual Financial Report* (CAFR) of the South Carolina Retirement Systems for the fiscal year ended June 30, 2006. The South Carolina Retirement Systems is required by Section 9-1-300 of the South Carolina Code of Laws to publish annually a report of the fiscal transactions of the system and this CAFR fulfills that statutory requirement. Since the Retirement Systems is a part of the primary government of the state of South Carolina, the Systems' financial information is also included in the comprehensive annual financial report of the State. Responsibility for both the accuracy of the data, and the completeness and reliability of the presentation, including all disclosures, rests with the management of the Systems. To the best of our knowledge and belief, the enclosed data are accurate in all material respects and are reported in a manner designed to present fairly the financial position and results of the Systems.

The CAFR was prepared to conform to the principles of governmental accounting and reporting set forth by the Governmental Accounting Standards Board (GASB). Transactions of the Systems are reported on the accrual basis of accounting. Sufficient internal accounting controls exist to provide reasonable assurance regarding the safekeeping of assets and fair presentation of the financial statements and supporting schedules. The financial statements presented in this CAFR have been independently audited by Rogers & Laban, PA, Certified Public Accountants, under the direction of the State Auditor's Office. Rogers & Laban issued an unqualified opinion, which means that based upon the audit, they concluded that the financial statements were fairly presented in all material aspects and free from material misstatement. Although independent auditors cannot guarantee the accuracy of the statements, they do have a reasonable basis for the opinion they render. The independent auditor's report is presented as the first component of the financial section of this report.

The 2006 CAFR is presented in five sections:

- The **Introductory Section** contains the letter of transmittal, identification of the Systems' administrative organization, and descriptions of administrative responsibilities.
- The **Financial Section** contains the opinion of our independent auditors, Management's Discussion and Analysis (MD&A), basic financial statements and required supplementary information and schedules.
- The **Investment Section** contains schedules of investments and investment growth, a report from the State Treasurer, and a report from our Chief Investment Officer.

- The **Actuarial Section** contains certification letters from our independent consulting actuaries, the results of the annual actuarial valuations, a summary of plan provisions for each System, and other actuarial related information.
- The **Statistical Section** contains various tables and schedules of significant data pertaining to the Systems.

### **Profile of the Systems**

The South Carolina Retirement Systems administers five defined benefit pension plans that provide lifetime retirement annuities, disability benefits and death benefits to eligible members. The plans' terms specify the amount of pension benefits to be provided at a future date or after a certain period of time. The amount specified is a function of a formula based on years of service, compensation and age. Our administrative and reporting structure is outlined in the introductory section of this report.

This report contains information on the following defined benefit pension trust funds:

- The South Carolina Retirement System (SCRS) was established July 1, 1945, to provide retirement and other benefits for teachers and employees of the state and its political subdivisions.
- The Police Officers Retirement System (**PORS**) was established July 1, 1962, to provide retirement and other benefits to police officers and firefighters.
- The Retirement System for Members of the General Assembly of the State of South Carolina (GARS) was established January 1, 1966, to provide retirement and other benefits to members of the General Assembly.
- The Retirement System for Judges and Solicitors of the State of South Carolina (**JSRS**) was established July 1, 1979, to provide retirement and other benefits to state Judges and Solicitors.
- The National Guard Retirement System (NGRS) was established July 1, 1975, to provide supplemental retirement benefits to members who served in the South Carolina National Guard. Legislation transferred administrative responsibility of the plan from the Adjutant General's Office to the South Carolina Retirement Systems effective January 1, 2006.

# Fiscal Year 2006 Highlights

Fiscal year 2006 was yet another dynamic and challenging year for the South Carolina Retirement Systems. The Retirement Systems not only continued to experience a higher workload trend due to customer demand, but also had considerable systems modifications and process changes to make in response to significant legislative changes. The State Retirement System Preservation and Investment Reform Act became effective July 1, 2005. As a part of this legislation, SCRS retirees are guaranteed to receive a pre-funded 1 percent cost-of-living adjustment (COLA) each year. Subsequent to fiscal year-end, a referendum to amend the state constitution to allow full diversification of the South Carolina Retirement Systems' investment portfolio was passed. If ratified, the amendment will permit the South Carolina Retirement System Investment Commission to invest the trust funds in a more diverse group of investments and among more asset classes, which will allow the Retirement Systems' trust funds to be on a level playing field with other public retirement funds across the nation.

### State Retirement System Preservation and Investment Reform Act

The South Carolina General Assembly passed Act 153, the State Retirement System Preservation and Investment Reform Act, effective July 1, 2005. This sweeping legislation guaranteed and pre-funded a COLA for eligible SCRS retirees. If the Consumer Price Index (CPI) increases no more than 1 percent, the COLA for SCRS is equal to the percentage increase in the index. If the CPI increases by more than 1 percent, the South Carolina Budget and Control Board is authorized to approve an additional COLA for SCRS beyond the 1 percent up to the lesser of the CPI or 4 percent. Legislation also requires that funding requirements have been met considering all unrealized investment gains and losses. The guaranteed 1 percent COLA cost SCRS more than \$2 billion; a cost which was spread among increased contributions from employers

and active employees, and the requirement for retired members to make employee contributions while working for a covered employer. South Carolina's retirement plan is one of the most flexible public plans in the nation in that it allows retired members to continue receiving their annuity benefit while working. In addition, Act 153 provided death benefits to contributing working retirees. The legislation also required retired members of SCRS and PORS who either participate in the Teacher and Employee Retention Incentive (TERI) program or return to covered employment as a working retiree, to make employee contributions to the system. Active TERI participants and working retirees who retired and returned to work prior to July 1, 2005, challenged the requirement that they pay member contributions and the South Carolina Supreme Court ruled in favor of the TERI participants. For further details, see Note VIII on page 44. However, working retirees currently have a lawsuit pending against SCRS in which they are seeking to overturn the requirement that they make employee contributions if they return to covered employment. Should the court rule against SCRS, the cost would have to be shifted to and absorbed by either employers or active employees.

Act 153 increased the SCRS employee contribution from 6.0 percent to 6.25 percent effective July 1, 2005, and from 6.25 percent to 6.5 percent effective July 1, 2006. The Act also increased SCRS employer contributions from 7.55 percent to 8.05 percent effective July 1, 2006, and included an increase to 8.55 percent effective July 1, 2007. Employer contributions were further increased by an additional .51 percent to 9.06 percent effective July 1, 2007, to maintain SCRS' 30-year amortization period, which was jeopardized due in large part to the negative effect of a ruling by the South Carolina Supreme Court during the fiscal year, and to a lesser degree, to fund the ad hoc COLA approved by the Budget and Control Board effective July 1, 2006. The Court's ruling resulted in an estimated loss to SCRS of \$124 million in employee contributions and necessitated a shift of this funding from the TERI program participants who formerly were required to make employee contributions to employers. The Budget and Control Board increased employer contributions by the .51 percent to maintain the 30-year amortization period as required.

### South Carolina Retirement System Investment Commission

In addition to the changes discussed above, Act 153 established the six-member South Carolina Retirement System Investment Commission, which is made up of financial experts, the State Treasurer and a nonvoting retired member; moved fiduciary responsibility for all investments to the Commission; provided that equity investments cannot exceed 70 percent of the total investment portfolio (formerly 40 percent); and created the position of Chief Investment Officer (CIO). This part of Act 153 was effective October 1, 2005. By statute, the CIO develops and maintains annual investment plans as approved by the Commission and, as an agent of the Commission, oversees the investment of Retirement Systems' funds. The assets of the Retirement Systems are managed externally by professional investment managers approved by the Commission. As of June 30, 2006, the Commission, which is fully responsible for the Retirement Systems' portfolio, utilized 18 outside active managers and the State Treasurer's Office to assist with equity investments and fixed income assets, respectively. The Commission is an independent agency with additional professional and administrative staff that assists in the monitoring of investment managers and in implementing the Commission's decisions.

### Transfer of Administration of the South Carolina National Guard Retirement System

Effective January 1, 2006, the South Carolina Retirement System assumed administrative responsibilities for the National Guard Retirement System (NGRS) which is a defined benefit pension plan providing supplemental benefits to National Guard members who served in South Carolina. This plan was previously administered by the Adjutant General's Office. At June 30, 2006, the plan's net assets are valued at \$12.9 million and will be invested in the same manner as the funds of the other four pension trust funds administered by the Retirement Systems. Contributions for the NGRS are provided by annual state appropriations based on the annual required contribution determined annually by the actuary. The legislature has made the commitment to contribute the required contributions during the fiscal year for which they are due and over time, this commitment will improve the actuarial soundness of the plan. Approximately 2,900 retired members were added to the Retirement Systems' annuitant payroll and another 5,800 active and inactive members were added to our rolls. The NGRS has been closed to new entrants since July 1, 1993; however, recent legislation reopens the system effective January 1, 2007, to any new entrants since June 30, 1993.

### **Project Management Officer Position Created**

The South Carolina Retirement Systems hired a project management officer (PMO) to assist in meeting the division's goals in providing service to its customers. The PMO position was created as a result of the strategic planning process and will be a vital component in the determination of future strategy and planning.

### Teacher and Employee Retention Incentive Program Participation Dropped

The Teacher and Employee Retention Incentive (TERI) program continued to remain attractive to our membership. The program, which was implemented in January 2001, allows retired members to accumulate deferred annuity benefits for up to 5 years while continuing employment. December 2005 marked the end of the five year deferral period for participants that joined the plan at its inception; therefore, the plan experienced a significant increase in the amount of accumulated benefits distributed this fiscal year. As a result of the distributions, the amount of assets held in trust for future payment of accrued benefits actually decreased for the first time by 24 percent, leaving a balance of \$671 million at fiscal year-end.

For the past several fiscal years, a myriad of legislation has been proposed in the South Carolina General Assembly to repeal or otherwise change the existing TERI program; however, with the exception of Act 153, these bills have been the subject of much discussion but have not been adopted by the Legislature. TERI continues to be a very controversial issue and threat of possible repeal again contributed to the large number of new participants taking advantage of TERI. Act 153, referred to earlier, did exempt all new TERI participants from state grievance rights and requires them to make employee contributions to the system while participating in the program.

### Rankings Among Peer Pension Plans

The South Carolina Retirement Systems participates in an annual public pension plan benchmarking analysis conducted by Cost Effectiveness Management, Inc., (CEM). Fifty-four public pension plans participated in the 2005 CEM survey, which marked the fifth year of participation for the Retirement Systems.

Although the Retirement Systems is a customer centric organization, we are also a division of South Carolina state government and as such, must adhere to stringent budgetary guidelines. According to the CEM report, the South Carolina Retirement Systems' total adjusted administrative cost per member was \$47 in comparison to a peer median cost of \$80, the fourth lowest cost among all 54 participants. Our low administrative cost is achieved through the efficient and proactive deployment of automated systems and appropriately allocated human resources.

While the Retirement Systems has continued to provide quality services at a low cost despite brutal workload demands, we believe that we are beginning to fall behind our peers. Our infrastructure, particularly our information systems, has been stagnated by mandatory changes required by legislation and court rulings. If the Retirement Systems is to continue to provide high quality service levels, we cannot continue to do so at this pace and must expend the resources necessary to both maintain our infrastructure and expand our technological abilities. Doing so will allow us to divert some of our excessive workload from human to technological resources, thereby providing a more reasonable workload for our staff and the opportunity to keep up with customer needs.

# **Summary of Financial Condition**

The funding objective of the pension trust funds is to meet future benefit obligations of retirees and beneficiaries through contributions and investment earnings. Our external consulting actuaries determine the actuarial soundness of the plan based on its long term obligations and the sufficiency of current contribution levels to fund the liabilities of each plan over a reasonable time frame. In our most recent valuations dated July 1, 2005, our actuarial consultants concluded that the Systems are operating on an actuarially sound basis. Governmental accounting standards require that the maximum acceptable amortization period for the total unfunded actuarial liability is 30 years and all five systems are considered adequately funded within GASB standards. The funded ratio for the SCRS, which represents the largest membership of the five plans, decreased from 80.3 percent to 71.6 percent. The change was due largely to plan provision changes related

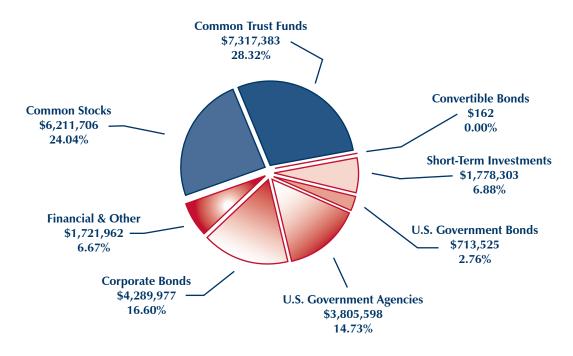
to legislation, which included a 1 percent guaranteed COLA, but also by a 2.4 percent ad hoc cost-of-living adjustment (COLA) that was granted effective July 1, 2005, as well as investment and non-investment related experience losses. In fact, the largest percentage of the drop in SCRS' funded ratio is attributable to the more than \$2 billion cost to guarantee and pre-fund the 1 percent COLA. As a result of these and other factors, the amortization period for SCRS' unfunded actuarial accrued liability increased from 27 to 30 years. The current funded ratios of the five plans range from a low of 25.9 percent for NGRS to a high of 87.4 percent for PORS. More detailed information regarding the financial condition of the pension trust funds can be found in the financial and actuarial sections of this report.

An optimally diversified investment portfolio is designed to provide long-term returns. While our past investment performance has been limited by our State constitution and State statute, the custodian of our assets, the State Treasurer, and the Investment Commission work diligently to ensure our investment strategy is pragmatic and conservative, while providing competitive returns. Increasing our exposure in equity markets from 40 percent toward the 70 percent ceiling will reduce risk while providing increased opportunities for investment gains and will allow us to keep pace with other similar public funds.

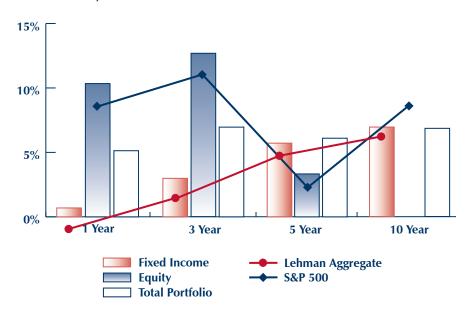
For the year ended June 30, 2006, the combined Systems investment portfolio produced a total aggregate investment return of 5.13 percent. Although current year performance lagged behind our peer groups and did not reach the actuarial assumed rate of 7.25 percent, the actuarial smoothing methodology offsets the shortfalls against other investment gains over a five-year period to mitigate market volatility.

The chart below and at the top of Page 12 summarize the Retirement Systems' asset allocation and overall investment performance in comparison to the relevant benchmarks.

### South Carolina Retirement Systems Schedule of Asset Allocation Market Value of Investments as of June 30, 2006 (Dollar amounts expressed in thousands)



# South Carolina Retirement Systems Summary of Investment Performance as of June 30, 2006



Investment performance is a significant factor in our actuarial valuations. As referred to earlier, our actuarial consultants use an actuarial asset valuation method that recognizes a portion of the difference between the actual market value of assets and the expected actuarial value of assets, based on the assumed investment rate of return of 7.25 percent. This method recognizes 20 percent of the difference between market and expected actuarial value each year and guarantees that any gain or loss is recognized over a five-year period. The actuarial value of assets is limited to a range between 80 percent and 120 percent of market value. This actuarial asset valuation method dampens year-to-year fluctuations, smoothes the effect of volatility in the market and helps provide a consistent estimate of the value of assets. Detailed investment results for fiscal year 2006 can be found within both the financial and investment sections of this report.

It is paramount to note that SCRS is considered actuarially sound and both benefits and a 1 percent COLA are funded based on current contribution levels; however, any additional COLAs beyond the 1 percent in SCRS are not prepaid. If the intent of the Systems, the Board, or the Legislature is to provide additional COLA benefits, it is imperative that some additional funding mechanism be established.

For additional financial information, please refer to the management's discussion and analysis, financial statements and schedules included in the financial section of this report.

### **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 South Carolina Retirement Systems for its Comprehensive Annual Financial Report (CAFR) for the fiscal year ended June 30, 2005. The Certificate of Achievement is a prestigious national award recognizing excellence in the preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report, the contents of which meet or exceed program standards. The CAFR must satisfy both generally accepted accounting principles and applicable legal requirements. A Certificate of Achievement is valid only for a period of one year. The Systems has received a Certificate of Achievement for each of the last 19 consecutive years (fiscal years ended 1987-2005). We believe this 20th issue of our annual report continues to conform

to the Certificate of Achievement Program requirements, and we are submitting it to the GFOA for consideration again this year.

### **Public Pension Standards Award**

The South Carolina Retirement Systems also received the Public Pension Coordinating Council's Public Pension Standards 2006 Award. This is the third consecutive year during which the Retirement Systems applied for and received the Council's award in recognition of meeting professional plan design and administration standards. The Public Pension Coordinating Council is a confederation of the National Association of State Retirement Administrators, the National Conference on Public Employee Retirement Systems, and the National Council on Teacher Retirement.

## **Acknowledgments**

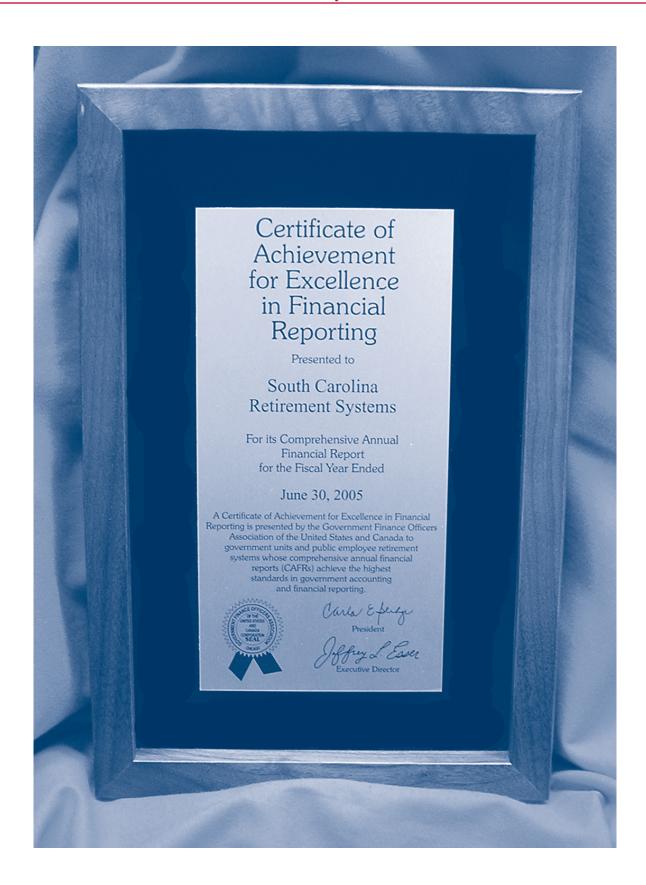
The compilation of this report reflects the combined efforts of the staff of the South Carolina Retirement Systems functioning under your leadership. The report is intended to provide comprehensive and reliable information about the Systems, to demonstrate compliance with legal provisions, and to allow for the evaluation of responsible stewardship of the funds of the Systems.

We express our gratitude to the members of the Board, the staff, the consultants, and the many people who have worked so diligently to assure the continued successful operation of the Systems.

Respectfully submitted,

G. Boykin CPA Tammy B. Dayis, CPA

Director Assistant Director, Financial Services





## **Governing Board and Administration**

### **Governing Board - SC State Budget and Control Board**

Mark Sanford, Chairman Governor
Grady L. Patterson, Jr. State Treasurer
Richard Eckstrom Comptroller General

Hugh K. Leatherman, Sr. Chairman, Senate Finance Committee

Daniel T. Cooper Chairman, House Ways and Means Committee

Frank W. Fusco Executive Director

### **Equity Investment Panel**<sup>1</sup>

Peter Bristow Chairman

Arthur M. Bjontegard, Jr. Blaine Ewing, III Mary M. Kennemur S. Hunter Howard

## **Retirement System Investment Commission<sup>2</sup>**

Reynolds Williams Chairman Grady L. Patterson, Jr. State Treasurer

Blaine Ewing, III James R. Powers Allen R. Gillespie, CFA

Robert L. Borden Chief Investment Officer

Nancy E. Shealy Administrative Director and General Counsel

### **Equity Investment Consultant**

Mercer Investment Consulting, Inc.

### **Consulting Actuaries**

Milliman Consultants and Actuaries Cavanaugh Macdonald Consulting, LLC

# **Retirement Systems Executive Management**

Peggy G. Boykin, CPA Director

Dianne T. Poston
Alice R. Copeland
Tammy B. Davis, CPA
Lisa Phipps
Assistant Director – Customer Services
Assistant Director – Financial Services
Assistant Director – Information Technology
Amanda J. Green
Assistant Director – Service/Imaging
Stephen Van Camp
General Counsel – Retirement Systems

Sarah N. Corbett, CPA Internal Auditor

# **Retirement Systems Staff Responsible for Compilation of CAFR**

Travis Turner, CPA Financial Services
Ashley Nichols, CPA Financial Services
Faith Wright Financial Services

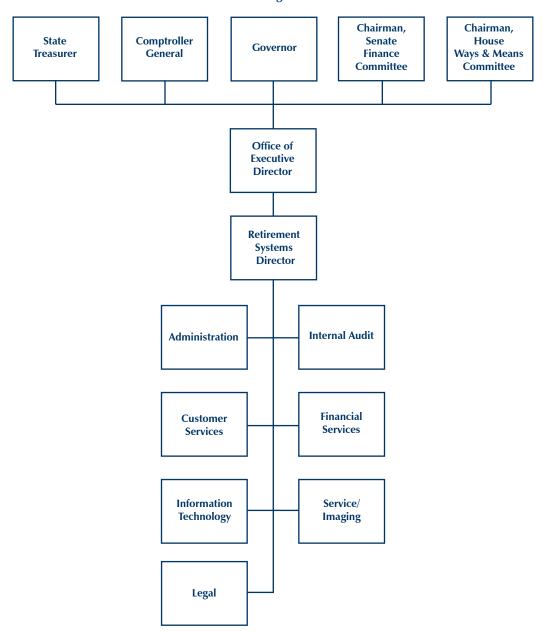
Megan Reynolds Public Information Officer

<sup>&</sup>lt;sup>1</sup>Refer to page 80 for a complete list of equity managers.

<sup>&</sup>lt;sup>2</sup>Created by law effective October 1, 2005. See page 9 for more information.

## **Organizational Chart**

### **Five-Member State Budget and Control Board**



## **Organizational Description**

The structural organization of the Systems is depicted in the organizational chart on page 13. A brief description of the primary functions performed by each department follows:

### **Internal Audit**

Responsible for providing an independent appraisal function to examine and evaluate processes and policies, and for providing assurance to management regarding the internal control structure of the division.

### Legal

Responsible for representing the South Carolina Retirement Systems in matters before circuit and appellate courts and administrative bodies, and for providing program support to the management of the South Carolina Retirement Systems.

### **Administration**

Responsible for managerial, budgetary, and administrative oversight of all division operations; physical plant issues, operations, and maintenance; procurement; human resources activities; communications and public information; accounts payable; postal center operations and courier services; and the State Optional Retirement Program.

### **Customer Services**

Responsible for member consultations (in person, by telephone, on-line via the Internet, or by videoconferencing) in all phases of retirement operations; the processing of customer claims relating to annuities, refunds, or death claims; training employers in all aspects of the Retirement Systems' member benefits, reporting procedures, and the Internet accessed employer information system; briefing governing bodies of prospective new employers on member benefits and new employer liability regarding potential costs associated with joining the Retirement Systems; meeting with employees as requested to present benefit overviews and preretirement education programs; and coordinating and conducting retirement seminars designed to better prepare members whose retirement is imminent.

### **Financial Services**

Responsible for all financial reporting and accounting including the preparation of the Comprehensive Annual Financial Report; disbursing monthly payments to annuitants, refunds to terminated members and death benefit payments to eligible members; determining the average final compensation to be used in calculating a member's annuity benefit at retirement; collecting and allocating member and employer contributions; and maintaining membership enrollment and beneficiary information.

### **Information Technology**

Responsible for the design, implementation and control of all automated applications within the Systems.

### **Service Credit and Imaging Services**

Responsible for the computation of the cost for purchases of prior service for all members of the Retirement Systems; the auditing of service credit for our membership; and the maintenance of complete historical records of each member.

### **Investment Panel Staff**

Prior to the October 1, 2005, creation of the South Carolina Retirement System Investment Commission, this staff was responsible for providing legal, research, and administrative support to the State Retirement Systems Investment Panel, and to the South Carolina Retirement Systems and the State Budget and Control Board on issues relating to the Retirement Systems' equity investments.

- **cou-pon pay-ments** (koo' pon pa' monts) The annual, semi-annual, or quarterly payments made by a debtor to creditors (bond holders) for interest on a debt obligation (bond).
- **div-i-dend** (dĭv' ĭ-dĕnd') Cash distribution made by a company to its shareholders.
- par-val-ue (pär văl'-yōō) The principal amount (face value) of a debt obligation due at maturity. This amount is independent of coupon payments. The par value is determined at issuance.
- **Yield to Maturity** (yēld too mə-tyoor' i-tē) The internal rate of return a buyer would receive if they purchased a bond at the current market price and held it to maturity.
- **Zero-Coupon** (zē' rō kōō pŏn)A bond that pays no coupon payments but is priced at issuance at a discount to its redemption price (par value).

# Financial Section



### Independent Auditor's Report

The Honorable Mark Sanford, Governor, Members of the State Budget and Control Board and Mr. Richard H. Gilbert, Jr., CPA, Deputy State Auditor State of South Carolina Columbia, South Carolina

We have audited the financial statements of the South Carolina Retirement Systems (the "Systems") as of and for the year ended June 30, 2006, as listed in the table of contents. These financial statements are the responsibility of the South Carolina Retirement Systems' management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. 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 examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

As described in Note I to the financial statements, the Systems' financial statements are intended to present the financial position and results of operations and cash flows of only that portion of the financial reporting entity of the State of South Carolina that is attributable to the transactions of the System. They do not purport to and do not present the financial position of the State of South Carolina as of June 30, 2006, and changes in its financial position and its cash flows, where applicable, for the year then ended in conformity with accounting principles generally accepted in the United States of America, and do not include other agencies, divisions, or component units of the State of South Carolina.

In our opinion, the financial statements referred to above present fairly, in all material respects, the plan net assets of the South Carolina Retirement Systems, as of June 30, 2006, and the changes in plan net assets for the year then ended in conformity with accounting principles generally accepted in the United States of America.



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### Financial Section

As discussed in Note VIII to the financial statements, the Systems is a party to legal actions claiming amounts due for legal fees and for certain retirement contributions that had been collected inappropriately. The ultimate outcomes of the litigation cannot be presently determined. Accordingly, no provision for any liability has been made in the accompanying financial statements.

Management's Discussion and Analysis on pages 23 to 27 and the required supplementary information on pages 46 and 47 are not a required part of the financial statements but are supplementary information required by the Governmental Accounting Standards Board. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was conducted for the purpose of forming an opinion on the financial statements taken as a whole. The schedule of changes in plan net assets – by system, schedule of administrative expenses, schedule of professional consultant fees, and schedule of investment expenses on pages 48 to 54 are presented for the purposes of additional analysis and are not a required part of the financial statements. Such information has been subjected to the auditing procedures applied in the audit of the financial statements and, in our opinion, is fairly stated in all material respects in relation to the financial statements taken as a whole. The introductory, investment, actuarial and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we express no opinion on them.

Rogers & Lalan, PA

September 26, 2006

# **Management's Discussion and Analysis**

Management offers the following discussion and analysis to provide a narrative introduction to the basic financial statements and an analytical overview of the South Carolina Retirement Systems' financial activities for the fiscal year ended June 30, 2006. This narrative is intended as a supplement and should be read in conjunction with the financial statements.

The Retirement Systems' financial statements provide information about the activities of the five defined benefit pension plans administered (listed below), in addition to comparative summary information about the activities of the Retirement Systems as a whole:

- South Carolina Retirement System (SCRS) A member contributory multi-employer plan covering teachers, as well as state and municipal employees;
- Police Officers Retirement System (PORS) A member contributory multi-employer plan covering state and local law enforcement personnel and firefighters;
- The Retirement System for Members of the General Assembly (GARS) A member contributory plan providing benefits to the members of the South Carolina General Assembly;
- The Retirement System for Judges and Solicitors (JSRS) A member contributory plan covering Judges and Solicitors; and
- National Guard Retirement System (NGRS) A non-contributory supplemental benefit plan for members of the South Carolina National Guard.

### **Overview of the Financial Statements**

The Retirement Systems is a part of the primary government of the State of South Carolina and is included in the comprehensive annual financial report of the state. The Plan's financial statements include the following components:

- Statement of Plan Net Assets
- Statement of Changes in Plan Net Assets
- Notes to the Financial Statements
- Required Supplementary Information

The *Statement of Plan Net Assets* presents the Plan's assets and liabilities and the resulting net assets, which are held in trust for pension benefits. This statement reflects a year-end snapshot of the Plan's investments, at fair value, along with cash and short-term investments, receivables and other assets and liabilities.

The Statement of Changes in Plan Net Assets presents information showing how the Plan's net assets held in trust for pension benefits changed during the year. This statement includes additions for contributions by members and employers and investment earnings and deductions for annuity payments, refunded contributions, group life insurance payments and administrative expenses.

*Notes to the Financial Statements* are an integral part of the financial statements and provide additional information that is necessary in order to gain a comprehensive understanding of data reported in the financial statements.

Required Supplementary Information presents information concerning the Retirement Systems' funding progress and its obligations to provide pension benefits to members. A schedule of required employer contributions and a summary of actuarial assumptions and methods are also presented and are useful in evaluating the condition of the plans.

# **Financial Highlights**

• For the five pension trust funds administered by the South Carolina Retirement Systems, our combined investment portfolios generated a 5.13 percent aggregate return for fiscal year 2006. This return can be compared to a combined return of 7.02 percent for the prior fiscal year. Our actuarial assumed rate of return for investment purposes is 7.25 percent.

### **Financial Section**

- The State Budget and Control Board increased the employer contribution rate for local government employers effective July 1, 2005, to make it consistent with the rate for other employers.
- Effective January 1, 2006, the South Carolina Retirement Systems assumed administrative responsibilities for the National Guard Retirement System (NGRS), which is a defined benefit pension plan providing supplemental benefits to National Guard members who served in South Carolina. Since January 1, 2006, the NGRS portfolio alone generated an annual return of 0.59 percent. Historically, NGRS funds have been invested strictly in the fixed income market; however, in fiscal year 2007, the NGRS pension trust fund will be reallocated, pooled together, and invested in the same manner as the funds of the other four pension trust funds administered by the Retirement Systems. The actuarial assumed rate of return for NGRS for investment purposes is also 7.25 percent.
- Net assets are held in trust to meet future benefit payments. Total plan net assets of all five pension trust funds administered by the South Carolina Retirement Systems increased from \$24.8 billion to \$25.4 billion during fiscal year 2006, primarily as a result of positive investment returns, increased contributions, and the addition of \$14 million in net assets transferred for the NGRS.
- The Teacher and Employee Retention Incentive (TERI) program continued to remain attractive to our membership. The program, which was implemented in January 2001, allows retired members to accumulate deferred annuity benefits for up to five years while continuing employment. December 2005 marked the end of the five-year deferral period for participants who joined the plan at its inception; therefore, the plan experienced a significant increase in the amount of accumulated benefits distributed this fiscal year. As a result of the distributions, the amount of assets held in trust for future payment of accrued benefits decreased by 24 percent to \$671 million during fiscal year 2006.
- The number of retired members and beneficiaries receiving monthly benefits under the Retirement Systems plans increased to slightly more than 110,000 annuitants during the year. The increase included the addition of approximately 3,000 NGRS annuitants. Accordingly, the amount of benefit payments increased more than 8 percent over the prior year from \$1.7 billion to \$1.8 billion.
- The South Carolina Supreme Court ruled that a part of legislative Act 153, which was enacted by the South Carolina General Assembly in 2005, and required certain retirees, including participants in the TERI program, to remit employee contributions to the Retirement Systems, violated the contract rights of existing TERI participants. The Court ordered that for TERI participants who retired prior to July 1, 2005, all retired member contributions collected since July 1, 2005, had to be refunded with interest, and that no future contributions from the TERI participants be collected. The Retirement Systems issued refund checks totaling approximately \$38 million to 13,975 TERI participants, and these distributions account for the significant increase in refund payments reported during fiscal year 2006. It is important to note that the estimated present value of the revenue lost by the Court's decision is approximately \$110 million. The Budget and Control Board subsequently approved an employer contribution increase effective July 1, 2007, to offset the loss.
- Act 153 also made TERI participants and retired contributing members eligible for an increased group life insurance benefit payment equal to their annual salary in lieu of the standard \$2,000, \$4,000 or \$6,000 retired member benefit.

### **Condensed Financial Information**

In order to ensure the Retirement Systems' ability to properly fund the payment of retirement benefits to members in future years, it is necessary to accumulate funds on a regular and systematic basis. The five defined benefit funds provide benefits to eligible employees of state, public school, local and municipal government, state legislative, judicial and National Guard employers.

The principal sources from which the Systems derives revenues are employee contributions, employer contributions, and earnings on investments. In addition, required annual contributions for NGRS are funded through an annual State appropriation. Expenses of the Systems consist primarily of payments of monthly annuities to retired members and their beneficiaries, and refunds of member contributions and interest paid upon termination. Other programs administered by the Systems include a group life insurance plan for both active and retired members, and an accidental death plan for police officers.

Summary comparative financial statements of the pension trust funds are presented as follows:

# **Plan Net Assets**

June 30 (Amounts expressed in thousands)

			% Increase/
Assets	2006	2005	(Decrease)
Cash and Cash Equivalents, Receivables	\$ 2,078,394	\$ 3,137,913	(33.77%)
and Prepaid Expenses			
Total Investments, at fair value	24,114,946	22,652,248	6.46%
Securities lending cash collateral invested	4,372,175	4,110,377	6.37%
Property, net of accumulated depreciation	3,696	3,814	(3.09%)
Total Assets	30,569,211	29,904,352	2.22%
Liabilities			
Deferred retirement benefits	670,527	884,776	(24.22%)
Obligations under securities lending	4,372,175	4,110,377	6.37%
Other liabilities	144,561	100,752	43.48%
Total Liabilities	5,187,263	5,095,905	1.79%
<b>Total Net Assets</b>	\$ 25,381,948	\$ 24,808,447	2.31%

# Changes in Plan Net Assets Year Ended June 30

(Amounts expressed in thousands)

			% Increase/
Additions	2006	2005	(Decrease)
Employee Contributions	\$ 567,908	\$ 495,012	14.73%
Employer Contributions	686,431	638,487	7.51%
Investment Income	1,282,360	1,684,122	(23.86%)
Other Income	5,399	4,188	28.92%
Total Additions	2,542,098	2,821,809	(9.91%)
Deductions			
Total Annuities	1,823,085	1,681,582	8.41%
Refunds	121,841	80,906	50.60%
Group Life	16,837	15,195	10.81%
Administrative & other expenses	20,898	18,418	13.47%
<b>Total Deductions</b>	1,982,661	1,796,101	10.39%
Increase (Decrease) in Net Assets before Transfer	559,437	1,025,708	(45.46%)
Transfer from State Adjutant General's Office	14,064		100.00%
Total Increase in Net Assets	573,501	1,025,708	(44.09%)
Beginning Net Assets	24,808,447	23,782,739	4.31%
Ending Net Assets	\$ 25,381,948	\$ 24,808,447	2.31%

## Analysis of the Plan's Financial Position and Results of Operations

On a combined basis, plan net assets were \$25.4 billion at June 30, 2006, representing a 2.31 percent increase in net assets from the previous year-end. Investment income is a major revenue source; therefore, the increase in plan net assets is due primarily to our positive investment performance during fiscal year 2006 and increased contributions. Our combined investment return for fiscal year 2006 was 5.13 percent, which lagged behind our assumed actuarial investment return of 7.25 percent. During the current fiscal year 2006, the Systems completed the process of investing up to the 50 percent funding target in the U.S. equity market, producing a 10.34 percent total return on the equity segment of the portfolio, and a return of 0.69 percent on the fixed income segment of our investment portfolio. In comparison, the prior fiscal year 2005 produced a combined total investment return of 7.02 percent, with 7.24 percent and 6.87 percent returns for the equity and fixed income segments respectively.

While the fluctuations in returns between market segments exemplify the need for an optimally diversified investment portfolio, the Retirement Systems' investment performance has been limited in the past by our State constitution and State statute. The General Assembly enacted legislation which established the Retirement System Investment Commission effective October 1, 2005, and set an investment target allocation under which equity investments cannot exceed 70 percent of the portfolio.

During fiscal year 2006, the total dollar amount of retirement annuities paid increased more than 8 percent when compared with the previous fiscal year. This was due primarily to the continued growth of TERI and the continued effects of 28-year retirement in SCRS. A 3.40 percent cost-of-living adjustment (COLA) granted to SCRS and PORS annuitants effective July 1, 2005, also contributed to the increase in the total annuity expense. The annual COLA is a very important benefit to our retirees and is critical to retiree income; therefore, the General Assembly enacted legislation effective July 1, 2005, which, for SCRS retirees, guaranteed up to a 1 percent COLA and further allowed for additional COLAs that are conditional. Ad hoc COLAs have historically been granted and funded with either unanticipated actuarial gains or an extension of the system's unfunded actuarial accrued liability (UAAL) amortization period. As of the most recent actuarial valuation dated July 1, 2005, the UAAL amortization period for SCRS was 30 years; therefore, any additional ad hoc COLAs in the future may require either additional funding or increased investment returns.

In addition to establishing the Investment Commission and guaranteeing up to a 1 percent COLA as stated above, the State Retirement System Preservation and Investment Reform Act (Act 153) passed by the General Assembly in 2005 also made other changes to SCRS. The legislation required retired members who either participate in TERI or who return to work for a covered employer to make employee contributions. The Act also increased the rate at which both employees and employers contribute to SCRS.

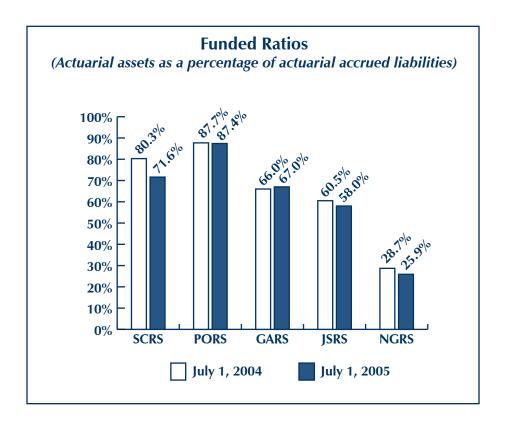
In summary, the legislation attempted to secure funding of SCRS and provide additional funding for retiree COLAs to help ensure that retiree income is not eroded by inflation. In May 2006, however, the South Carolina Supreme Court ruled that Act 153 violated the contract rights of the TERI participants who began their participation in the TERI program before July 1, 2005. All contributions that had been collected since July 1, 2005, from this group of TERI participants were required to be refunded and no future contributions are to be collected from this group of TERI participants. It is estimated that this decision will result in lost revenue to the Retirement Systems of approximately \$110 million. This loss, coupled with approval of an additional 2.5 percent ad hoc COLA effective July 1, 2006, will be offset by a further increase of .51 percent in the SCRS employer contribution rate. For further information, please refer to Note IX.

# **Funding Status**

An overall objective in the funding of a defined benefit retirement system is to accumulate sufficient funds to meet long-term obligations to pay benefits to participants when due. The primary sources of assets to fund benefits include investment income, member contributions and employer contributions. A five-year smoothing method is used in actuarially valuing assets to mitigate the impact of market volatility and allow changes in market conditions to be recognized (smoothed) over several years.

### **Financial Section**

The ratio of actuarial assets to actuarial liabilities provides an indication as to whether sufficient assets are accumulated to pay benefits when due. The greater the level of funding, the larger the ratio of actuarial assets to actuarial accrued liabilities. The most recent actuarial valuations prepared and adopted by the Budget and Control Board, indicate that the funded ratios of four of the five individual plans declined slightly from the previous valuation. Specifically in SCRS, the significant increase in actuarial liabilities due to the plan changes caused a decrease in the funded ratio and in addition, all of the plans continued to recognize losses in market value of investments that occurred in fiscal years 2000 through 2002. The most recent valuation determined that funding levels of all the plans are such that annual contributions are sufficient for the valuation to find the plans in good actuarial condition. The changes in the levels of funding do not affect the availability of fund resources for future use and actuarial projections indicate that unfunded liabilities will be amortized and funded within acceptable funding guidelines. The funded ratios of the five plans are presented in the following graph.



# **Requests for Information**

This financial report is designed to provide a general overview of the Retirement Systems' finances for all interested parties. Questions concerning any of the information provided in this report or requests for additional financial information should be directed as follows:

Financial Services
South Carolina Retirement Systems
PO Box 11960
Columbia, SC 29211-1960
(803) 737-6800
www.retirement.sc.gov

# South Carolina Retirement Systems Statement of Plan Net Assets June 30, 2006

With comparative totals for June 30, 2005 (Amounts expressed in thousands)

	SCRS	PORS	GARS	JSRS NGRS		TOTAL	TOTAL 2005
ASSETS							
Cash and cash equivalents	\$ 1,365,730	\$ 351,035	\$ 1,145	\$ 6,123	\$ 5,150	\$ 1,729,183	\$ 2,834,188
Receivables							
Due from other Systems	160	700	7	11		878	1,736
Employee and employer contributions	134,099	17,479	123	664		152,365	136,045
Employer contributions long-term	1,435	26				1,461	1,785
Accrued investment income	126,442	14,834	277	787	97	142,437	114,544
Unsettled investment sales	46,008	5,514	99	236		51,857	49,450
Total receivables	308,144	38,553	506	1,698	97	348,998	303,560
Investments, at fair value							
Short-term securities	49,643	4,990				54,633	295,572
United States Government securities	626,753	75,022	1,096	10,654		713,525	3,122,504
United States Government agencies and							
government-insured	3,424,241	356,937	6,583	15,021	2,816	3,805,598	1,694,627
Corporate bonds	3,759,322	499,010	8,317	21,121	2,207	4,289,977	4,443,116
Convertible bonds	143	17	1	1		162	120
Financial and other	1,515,666	193,402	3,036	7,339	2,519	1,721,962	2,067,841
Common trust funds	6,495,654	774,683	13,575	33,471		7,317,383	5,909,052
Common stock	5,509,162	662,613	11,531	28,400		6,211,706	5,119,416
Total investments	21,380,584	2,566,674	44,139	116,007	7,542	24,114,946	22,652,248
Prepaid administrative expenses	103	13		1	96	213	165
Securities lending cash collateral invested	3,961,439	383,340	4,354	22,955	87	4,372,175	4,110,377
Capital assets, net of accumulated depreciation	3,330	340	10	16		3,696	3,814
Total assets	27,019,330	3,339,955	50,154	146,800	12,972	30,569,211	29,904,352
LIABILITIES							
Due to other Systems	708	160	5	5		878	1,736
Accounts payable - unsettled investment purchases	39,198	4,679	84	201		44,162	62,196
Investment fees payable	6,453	775	13	33		7,274	5,661
Obligations under securities lending	3,961,439	383,340	4,354	22,955	87	4,372,175	4,110,377
Deferred retirement benefits	670,527					670,527	884,776
Due to Employee Insurance Program	29,348	563				29,911	27,620
Benefits payable	9,123	231			5	9,359	2,037
Negative cash balances	32,639	90	1	4		32,734	
Other accrued liabilities	18,333	1,793	18	97	2	20,243	1,502
Total liabilities	4,767,768	391,631	4,475	23,295	94	5,187,263	5,095,905
Net assets held in trust for Pension Benefits (a schedule							
of funding progress for each plan is presented on Page 46)	\$ 22,251,562	\$ 2,948,324	\$ 45,679	\$ 123,505 ===================================	\$ 12,878	\$ 25,381,948	\$ 24,808,447

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

# **South Carolina Retirement Systems Statement of Changes in Plan Net Assets**

Year Ended June 30, 2006

With comparative totals for the year ended June 30, 2005 (Amounts expressed in thousands)

	SCRS	PORS		GARS		ICDC	N	IGRS		TOTAL		TOTAL
Additions		POR5		GAK3		JSRS		UK3	_	TOTAL	_	2005
Contributions												
Employee	\$ 498,445	\$ 67,394	\$	543	\$	1,526	\$	_	\$	567,908	\$	495,012
Employer	577,468	100,281	Ψ	2,171	Ψ.	6,511	Ψ		Ψ.	686,431	Ψ.	638,487
Total contributions	1,075,913	167,675		2,714	_	8,037				1,254,339	_	1,133,499
Investment Income			_						-			
Net appreciation (depreciation) in												
fair value of investments	519,348	61,997		657		2,139		(253)		583,888		1,027,721
Interest and dividend income	632,106	79,680		1,472		3,711		342		717,311		668,818
Investment expense	(26,458)	(3,190)		(54)		(135)				(29,837)		(22,406)
Net income from investing activities	1,124,996	138,487		2,075		5,715		89		1,271,362		1,674,133
From securities lending activities:					_				_			
Securities lending income	171,278	22,411		217		910		7		194,823		86,006
Securities lending expense	(161,635)	(21,113)		(206)		(864)		(7)		(183,825)		(76,017)
Net income from securities lending activities	9,643	1,298		11		46				10,998		9,989
Total net investment income	1,134,639	139,785		2,086	_	5,761		89		1,282,360	_	1,684,122
Supplemental retirement benefits funded by the												
State	1,741	60								1,801		2,046
State appropriations for administrative expenses								300		300		
Transfers of contributions from other Systems	13	3,026		41		218				3,298		2,142
Total additions	2,212,306	310,546		4,841		14,016		389		2,542,098		2,821,809
Deductions												
Refunds of contributions to members	108,569	12.252				20				121,841		80,906
Transfers of contributions to other Systems	3,233	13,252		65		20				3,298		2,142
Regular retirement benefits	1,316,123	165,830		5,726		9,677		1,371		1,498,727		1,339,711
Deferred retirement benefits	321,374	103,030		3,720		9,077		1,3/1		321,374		338,778
Supplemental retirement benefits	1,741	60								1,801		2,046
Group life insurance claims	14,875	1,821		17		124				16,837		15,195
Accidental death benefits	11,075	1,183		17		121				1,183		1,047
Depreciation	107	11								118		119
Administrative expenses	15,205	1,957		33		83		204		17,482		16,157
Total deductions	1,781,227	184,114	_	5,841		9,904		1,575		1,982,661		1,796,101
Net increase (decrease) before transfer	431,079	126,432		(1,000)		4,112		(1,186)		559,437		1,025,708
Transfer from the State Adjutant General's Office								14,064	_	14,064		
Net increase (decrease)	431,079	126,432		(1,000)		4,112		12,878		573,501		1,025,708
Net assets held in trust for Pension Benefits												
Beginning of year	21,820,483	2,821,892		46,679		119,393				24,808,447		23,782,739
End of year	\$ 22,251,562	\$ 2,948,324	\$	45,679	\$	123,505	\$	12,878	\$	25,381,948	\$	24,808,447

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

# **South Carolina Retirement Systems Notes to Financial Statements**

# I. Basis of Presentation and Summary of Significant Accounting Policies

# **Description of the Entity**

The financial statements of the South Carolina Retirement Systems (Systems) presented herein contain the following funds:

#### **Pension Trust Funds**

- South Carolina Retirement System (SCRS)
- South Carolina Police Officers Retirement System (PORS)
- Retirement System for Members of the General Assembly of the State of South Carolina (GARS)
- Retirement System for Judges and Solicitors of the State of South Carolina (JSRS)
- National Guard Retirement System (NGRS)

Each pension trust fund operates on an autonomous basis; funds may not be utilized for any purpose other than for the benefit of each plan's participants.

The Retirement Systems are part of the State of South Carolina's primary government and are included in the *Comprehensive Annual Financial Report of the State of South Carolina*. In making this determination, factors of financial accountability, governance and fiduciary responsibility of the State were considered.

### **Plan Descriptions**

The South Carolina Retirement System, a cost-sharing multiple-employer defined benefit pension plan, was established effective July 1, 1945, pursuant to the provisions of Section 9-1-20 of the South Carolina Code of Laws for the purpose of providing retirement allowances and other benefits for teachers and employees of the State and political subdivisions thereof.

The South Carolina Police Officers Retirement System, a cost—sharing multiple-employer defined benefit pension plan, was established effective July 1, 1962, pursuant to the provisions of Section 9-11-20 of the South Carolina Code of Laws for the purpose of providing retirement allowances and other benefits for police officers and firemen of the state and its political subdivisions.

The Retirement System for Members of the General Assembly of the State of South Carolina, a single-employer defined benefit pension plan, was created effective January 1, 1966, pursuant to the provisions of Section 9-9-20 of the South Carolina Code of Laws to provide retirement allowances and other benefits for members of the General Assembly.

The Retirement System for Judges and Solicitors of the State of South Carolina, a single-employer defined benefit pension plan, was created effective July 1, 1979, pursuant to the provisions of Section 9-8-20 of the South Carolina Code of Laws for the purpose of providing retirement allowances and other benefits for judges and solicitors of the state.

The National Guard Retirement System, a single-employer defined benefit pension plan, was created effective July 1, 1975, pursuant to the provisions of Section 25-1-3210 of the South Carolina Code of Laws for the purpose of providing supplemental retirement benefits to certain members who served in the South Carolina National Guard. Effective January 1, 2006, Section 25-1-3210 was repealed and replaced by Section 9-10-30. This legislation transferred administrative responsibility of the plan from the Adjutant General's Office to the South Carolina Retirement Systems.

## **Financial Section**

A summary of information related to participating employers and active members as of June 30, 2006, follows (dollar amounts expressed in thousands):

	State <sup>1</sup>	Sch	ool _	Other	Total	
SCRS Number of Employers		110	100	577	787	
Annual Covered Payroll Average Number of Contributing Members	\$ 2,025,0 55,		73,999 \$ 85,315	1,577,417 52,813	\$ 6,376,502 193,626	
PORS	,		,	,	,	
Number of Employers Annual Covered Payroll	\$ 325,	49 118 \$	4 154 \$	268 548,528	321 \$ 873,800	
Average Number of Contributing Members	10,	131	6	15,680	25,817	,
GARS Number of Employers Annual Covered Payroll Number of Elected Positions		2 090 170			\$ 3,090 170	)
JSRS Number of Employers Annual Covered Payroll Average Number of Contributing Members	\$ 15,	2 369 128			2 \$ 15,369 128	)
NGRS Number of Employers Annual Covered Payroll <sup>2</sup> Average Number of		1 N/A			1 N/A	
Contributing Members	2,8	891			2,891	

<sup>&</sup>lt;sup>1</sup>Each state agency is considered a separate employer for reporting purposes. Institutions of Higher Education are reported in this category.

Based upon the most recent actuarial valuations adopted by the Budget and Control Board, membership in the Systems was as follows:

	SCRS	PORS	GARS	<b>JSRS</b>	NGRS
Retirees and beneficiaries currently receiving benefits	94,667	9,661	312	141	2,690
Terminated members entitled to but not yet receiving benefits	148,888	10,207	65	7	2,974
Total active, elected positions, and other special contributing members	181,022	23,795	203	128	2,864
Total	424,577	43,663	580	276	8,528

<sup>&</sup>lt;sup>2</sup>Annual covered payroll is not applicable for NGRS because it is a non-contributory plan.

Membership and benefit requirements are prescribed in Title 9 of the South Carolina Code of Laws. A brief summary of each is presented below.

# Membership **SCRS**

Generally, all employees of covered employers are required to participate in and contribute to the System as a condition of employment. This plan covers general employees and teachers.

### **State ORP**

As an alternative to membership in SCRS, newly hired state, public school, and higher education employees have the option to participate in the State Optional Retirement Program (State ORP), which is a defined contribution plan. State ORP participants direct the investment of their funds into a plan administered by one of four investment providers. The SCRS assumes no liability for State ORP benefits. Rather, the benefits are the liability of the investment providers and are governed by the terms of the contracts issued by them. For this reason, State ORP programs are not considered part of the SCRS for financial statement purposes.

Contributions to the State ORP are at the same rates as SCRS. A direct remittance is required from the employers to the investment providers for the employee contribution (6.25 percent) and a portion of the employer contribution (5 percent). A direct remittance is also required to the SCRS for a portion of the employer contribution (2.55 percent) and a group life contribution (.15 percent), which is retained by the SCRS. The activity for the State ORP is as follows:

# State ORP Activity Year Ended June 30, 2006 (Dollar amounts expressed in thousands)

Average Number of Contributing Participants	13,511
Annual Covered Payroll	\$ 593,231
<b>Employer Contributions Retained by SCRS</b>	15,127
<b>Group Life Contributions Retained by SCRS</b>	890
<b>Employee Contributions to Investment Providers</b>	37,077
<b>Employer Contributions to Investment Providers</b>	29,662

#### **PORS**

To be eligible for PORS membership, an employee must be required by the terms of his employment, by election or appointment, to preserve public order, protect life and property, and detect crimes in the state; to prevent and control property destruction by fire; be a coroner in a full-time permanent position; or be a peace officer employed by the Department of Corrections, the Department of Juvenile Justice, or the Department of Mental Health. Probate judges and coroners may elect membership in PORS. Magistrates are required to participate in PORS for service as a magistrate. PORS members, other than magistrates and probate judges, must also earn at least \$2,000 per year and devote at least 1,600 hours per year to this work, unless exempted by statute.

#### **GARS**

All persons are required to participate in and contribute to the System upon taking office as a member of the General Assembly.

### **ISRS**

All solicitors, judges of a Circuit or Family Court and justices of the Court of Appeals and Supreme Court are required to participate in and contribute to the System upon taking office.

#### **NGRS**

The NGRS has been closed to new entrants since July 1, 1993. Membership consists of individuals who began service in the South Carolina National Guard prior to July 1, 1993.

# **Pension Benefits**

A monthly pension is payable at age 65 or with 28 years credited service regardless of age. Reduced pension benefits are payable at age 55 with 25 years of service credit. A member is eligible to receive a deferred annuity at age 60 with five years earned service. Group life insurance benefits are also available to active and retired members with at least one year of service, provided their employer participates in the program.

Eligible retirees receive an automatic cost-of-living adjustment of up to 1 percent and may also receive an additional ad hoc cost-of-living adjustment of up to 3 percent annually based on increases in the Consumer Price Index. The State Budget and Control Board grants ad hoc increases in accordance with its funding policies and state statute.

### **PORS**

A monthly pension is payable at age 55 with a minimum of five years earned service or with 25 years of service re-

gardless of age. A member is eligible to receive a deferred annuity at age 55 with five years earned service. Group life insurance benefits are also available to members with at least one year of service provided their employer participates in the program. An additional accidental death benefit is also offered to officers killed in the line of duty.

Eligible retirees may receive ad hoc cost-of-living adjustments of up to 4 percent annually based on increases in the Consumer Price Index. The State Budget and Control Board grants ad hoc increases in accordance with its funding policies and state statute.

### **GARS**

A member is eligible for a monthly pension at age 60 or with 30 years credited service. A member who has attained the age of 70 years or has 30 years of service is eligible to retire and draw an annuity while continuing to serve in the General Assembly. A member is eligible to receive a deferred annuity with eight years of service. A group life insurance benefit is also provided to members with at least one year of service.

Retirees receive increases in benefits based upon increases in the current salary of their respective active positions.

#### **ISRS**

A pension benefit is payable at age 70 with 15 years service, age 65 with 20 years service, age 65 with four years in a JSRS position and 25 years other service with the state, 25 years service regardless of age for a judge or 24 years of service for a solicitor regardless of age. A judge is vested in the system after attaining 10 years of earned service in the position of judge, and a solicitor is vested in the system after attaining eight years of earned service as a solicitor. A group life insurance benefit is also provided to members with at least one year of service.

Retirees receive increases in benefits based upon increases in the current salary of their respective active positions.

#### **NGRS**

A monthly pension is payable at age 60 provided the member was honorably discharged from active duty with at least 20 years of total creditable military service. Of the 20 years total creditable military service, at least 15 must have been served in the South Carolina National Guard. Additionally, the last 10 years of service must have been served in the South Carolina National Guard. No cost-of-living increases are provided to NGRS retirees.

# **Summary of Significant Accounting Policies Fund Structure**

The Systems' accounts are maintained in accordance with the principles of fund accounting. This is the procedure whereby resources for various purposes are classified for accounting and reporting purposes into funds that are in accordance with specified activities or objectives. Separate pension trust funds (fiduciary fund type) are used to account for the activities of the five public employee retirement systems administered by the Systems.

# **Basis of Accounting**

All funds are accounted for using the accrual basis of accounting. Revenues are recognized when earned and expenses are recognized when incurred. Benefit and refund expenses are recognized when due and payable in accordance with the terms of the plan.

## **Administrative Expenses**

The State Budget and Control Board's Office of Internal Operations maintains an internal service fund to account for the administrative costs of operating the Systems. All accounting and corresponding disclosures related to administrative expense, which include employee salaries and associated employee benefits, are the responsibility of the internal service fund administered by the Board. Administrative charges of the Retirement Systems include funds transferred to the Investment Commission to fund investment related obligations for the trust funds. Administrative expenses are funded by both employer contributions and investment income and charges are assessed to each of the pension trust funds based on its respective portion of total assets in order to pay for actual expense incurred during the year. For fiscal year 2006, administrative expenses were separately funded by state appropriations to transfer and implement administrative responsibility of the NGRS.

# Cash and Cash Equivalents

The Systems classify cash on deposit in financial institutions and cash on deposit in the State's internal cash management pool as cash and cash equivalents. The Systems also classify certain short-term highly liquid securities with an original maturity of three months or less as cash equivalents.

### **Contributions**

Employee and Employer contributions are reported in the period in which they are due, pursuant to formal commitments as well as statutory requirements. Substantially all contributions receivable are collected within 30 days of year-end.

### **Investments**

Investments are reported at fair value. Short term securities categorized as cash or cash equivalents are reported at fair value. Securities traded on a national exchange are valued at the last reported sales price. Investment income consists of realized and unrealized appreciation (depreciation) in the fair value of investments, interest income earned, dividend income earned, less investments expense, plus income from securities lending activities, less deductions for security lending expenses. Securities and securities transactions are reflected in the financial statements on a trade-date basis.

### **Capital Assets**

Capital assets are capitalized at cost and depreciated on a straight-line basis over an estimated useful life of forty years.

### **II. Contributions and Reserves**

Contributions to each of the Plans are prescribed in Title 9 of the South Carolina Code of Laws.

Plan members are required to contribute at statutorily established rates. The rates applicable for fiscal year 2006 follow:

SCRS 6.25% of earnable compensation PORS 6.5% of earnable compensation GARS 10% of earnable compensation JSRS 9% of earnable compensation NGRS Non-contributory

Employer contributions are established by the State Budget and Control Board at the actuarially determined rates recommended by the Systems' actuaries.

Contributions for the NGRS are to be provided by annual state appropriations based on the annual required contribution determined annually by the actuary. The required contribution for the fiscal year ended June 30, 2006, was received timely and appropriately recognized prior to the date that the Systems assumed responsibility for administration of the plan.

In accordance with provisions of the 2005-2006 State Appropriations Act, an additional employer contribution

surcharge of 3.25 percent of covered payroll was added to the contribution rate applicable to state and local governments, and public school entities covered by the Employee Insurance Program. This assessment is for the purpose of providing retiree health and dental insurance coverage and is not a part of the actuarially established contribution rates for retirement funding purposes. Functioning as a collecting agent, SCRS and PORS collected (amounts expressed in thousands) \$198,082 and \$11,178 respectively in retiree insurance surcharges (\$19,227 of which was applicable to the State ORP) and remitted these funds to the Employee Insurance Program.

Net Assets of each plan are required to be reserved in the following accounts:

The **Employer Fund** is credited with all employer retirement contributions and investment earnings of the Employee and Employer Funds. Upon retirement, all member account balances and contributions are transferred to the Employer Fund as all annuities and administrative expenses of the Systems are paid from this fund. Annual state appropriations to the NGRS are also credited to the Employer fund to provide funding of the annual required contribution, payment of annuity benefits and administrative expenses.

The **Employee Fund** is credited with all contributions made by active members of the Systems. Interest is credited to each member's individual account at an annual rate of 4 percent by transferring funds from the Employer Fund to the Employee Fund. At termination of employment prior to retirement, employee contributions and accumulated interest may be refunded from this fund to the member. At retirement, employee contributions and interest are transferred from the Employee Fund to the Employer Fund for subsequent payment of benefits.

The **Group Life Insurance Fund** (SCRS and PORS only) is the fund to which participating employers contribute for the purpose of providing a life insurance benefit to active and retired members of the Systems. Employer contributions and investment earnings are credited to this fund. Group life insurance benefit payments and administrative expenses are paid from this fund.

The **Accidental Death Fund** (PORS only) is the fund to which participating employers contribute for the purpose of providing annuity benefits to beneficiaries of police officers and firemen killed in the actual performance of their

duties. This fund and its benefits are independent of any other retirement benefit available to the beneficiary. Employer contributions and investment earnings are credited to this fund. Monthly survivor annuities and administrative expenses are paid from this fund.

Balances in the respective reserves at June 30, 2006, were as follows (amounts expressed in thousands):

	<u>SCRS</u>	PORS	 GARS	 JSRS	 NGRS
Employee Fund	\$ 5,229,175	\$ 622,008	\$ 8,094	\$ 21,857	
Employer Fund	16,903,463	2,275,010	37,585	101,648	\$ 12,878
Group Life Insurance Fund	118,924	23,156			
Accidental Death Fund		28,150			
	\$ 22,251,562	\$ 2,948,324	\$ 45,679	\$ 123,505	\$ 12,878

### III. Deposits and Investments

The tables presented on Pages 36-38 include disclosures of credit and interest rate risk in accordance with Governmental Accounting Standards Board Statement 40 and are designed to inform financial statement users about investment risks which could affect the Systems' ability to meet its obligations. These tables classify investments by risk type, while the financial statements disclose investments by asset class. The table amounts were provided by the custodian bank and may vary from the Statement of Plan Net Assets primarily because the amounts reported include accrued interest receivable.

### **Custodial Credit Risk Deposits**

Custodial credit risk for deposits is the risk that in the event of a bank failure, the Systems' deposits may not be recovered. As prescribed by statute, the State Treasurer is the custodian of all deposits and is responsible for securing all deposits held by banks or savings and loan associations. These deposits must be secured by deposit insurance, surety bonds, collateral securities, or letters of credit to protect the state against loss in the event of insolvency or liquidation of the institution or for any other cause. All deposits are required to be insured by the Federal Deposit Insurance Corporation (FDIC) up to \$100,000 or collateralized with securities held by the state or its agent in the State Treasurer's name as custodian.

The total amount of the Systems' deposits at June 30, 2006, was as follows (amounts expressed in thousands):

		Carrying Amount	Bank <u>Balance</u>				
SCRS	(\$	27,373)	\$	21,732			
PORS		151		2,238			
GARS		1		83			
JSRS		(2)		38			
NGRS		2		93			
Total	(\$	27,221)	\$	24,184			

The primary reason for the negative carrying amounts relates to timing differences for refund checks issued to TERI participants at year-end. Additional details related to these refund checks can be found in Note IX.

#### **Investments**

Custodial credit risk for investments is the risk that, in the event of a failure of the counterparty, the Systems will not be able to recover the value of the investments or collateral securities that are in the possession of an outside party. Investing for the Systems is governed by Section 11-9-660 of the South Carolina Code of Laws and states that investments may be made in a variety of instruments including obligations of the United States and its agencies and securities fully guaranteed by the United States, certain corporate obligations, collateralized repurchase agreements, and equity securities.

### **Financial Section**

Corporate obligations must bear an investment grade rating by at least two nationally recognized rating services. Collateral held for certificates of deposit or repurchase agreements must be obligations of the United States or investment grade corporate obligations and held by a third party as escrow agent or custodian and of a market

value not less than the amount of either the certificate of deposit so secured, including interest, or the amount of the repurchase agreement so collateralized, including interest. At June 30, 2006, all of the Systems' investments were insured or collateralized.

The following table presents the fair value of investments as of June 30, 2006:

## Statement of Invested Assets June 30, 2006

(Amounts expressed in thousands)

<u>Investment Type</u>	Ī	<u>Fair Value</u>
Fixed Income Investments		
U.S. Government:		
U.S. Government Treasury Notes and Bonds	\$	720,034
U.S. Government Agencies		739,502
Other U.S. Government		4,120
Mortgage Backed:		
Government Pass-Through		3,109,500
Collaterized Mortgage Obligations:		
Government CMOs		290,726
Corporate:		
Corporate Bonds		4,262,336
Corporate Asset Backed		165,481
Private Placements		1,224,002
Dollar Denominated Bonds		160,008
Total Fixed Income Investments		10,675,709
Short Term Investments		
Commercial Paper		29,685
Repurchase Agreements		1,722,131
Total Short Term Investments		1,751,816
<u>Equity</u>		
Domestic		5,964,178
American Depository Receipts		252,519
Total Equity Investments		6,216,697
Commingled Funds		
Common Trust Funds		7,317,384
Money Market Funds		2,241
Total Commingled Funds		7,319,625
Total Invested Assets	\$	25,963,847

#### **Interest Rate Risk**

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. This risk is managed within the portfolio using effective duration. Effective duration is a measure of the price sensitivity of a bond or a portfolio of bonds to interest rate movements given a 50 basis point change in interest rates. It takes into account that expected cash flows will fluctuate as interest rates change and provides a measure of risk that changes proportionately with market rates. The Systems' investment policy requires that the weighted average maturity and weighted average duration of the actively managed fixed income portfolio should not exceed 175 percent of the benchmark index averages.

# South Carolina Retirement Systems Interest Rate Sensitivity - Effective Duration June 30, 2006 (Amounts expressed in thousands)

Investment Type	<u>Fair Value</u>	<b>Effective Duration</b>
Fixed Income Investments		
U.S. Government:		
U.S. Government Treasury Notes and Bonds	\$ 720,034	4.51
U.S. Government Agencies	739,502	0.75
Other U.S. Government	4,120	8.05
Total U.S. Government	1,463,656	2.62
Mortgage Backed:		
Government Pass-Through	3,109,500	4.81
Collaterized Mortgage Obligations:		
Government CMOs	290,726	4.30
Corporate:		
Corporate Bonds	4,262,336	8.07
Corporate Asset Backed	165,481	6.58
Private Placements	1,224,002	9.86
Total Corporate	5,651,819	8.41
Dollar Denominated Bonds	160,008	8.42
Total Fixed Income Investments	10,675,709	6.46
Short Term Investments		
Commercial Paper	29,685	0.02
Repurchase Agreements	1,722,131	0.00
Total Short Term Investments	1,751,816	0.00
Total Invested Assets	\$ 12,427,525	
Total Portfolio Effective Duration		5.55

#### **Credit Risk of Debt Securities**

Credit risk is the risk that an issuer or other counterparty to an investment will not fulfill its obligations to the Systems. The investment policy for credit quality of debt securities states that securities must bear an investment grade rating from at least two of the national rating agencies. Obligations of the U.S. Government or obligations explicitly guaranteed by the U.S. Government are not considered to have credit risk and disclosure is not required. Credit quality of cash reserves must carry a rating of A1/P1/F1 or D1 from at least two nationally recognized rating services. In the event that the rating of a security falls below investment grade, that security may continue to be held contingent upon an evaluation of the longer term investment merits of the security. As of June 30, 2006, the Systems' rated debt investments were rated by Standard & Poor's and are presented below:

### **South Carolina Retirement Systems**

Credit Risk - S&P Quality Ratings June 30, 2006

(Amounts expressed in thousands)

Investment Type and Fair Value		AAA	AA	A	BBB	ВВ	В	CCC & Below	A-1	NR
Fixed Income Investments										
U.S. Government:										
U.S. Government Agencies	\$	226,391	\$ -	\$ -	\$ -\$	- \$		\$	- \$	- \$ -
Other U.S. Government		4,120								
Mortgage Backed:										
Government Pass-Through		23,682								
Corporate:										
Corporate Bonds		73,929	184,394	1,796,287	1,867,704	318,793	3,717	162	<u>)</u>	17,350
Corporate Asset Backed		120,286			39,804				5,391	
Private Placements		100,032	252,833	487,624	302,362					81,151
Dollar Denominated Bonds				160,008						
Short Term Investments										
Commercial Paper			29,685							
Repurchase Agreements			,						1,722,131	
	\$	548,440	\$ 466,912	\$ 2,443,919	\$ 2,209,870 \$	318,793 \$	3,717	\$ 162	\$ 1,727,522	\$ 98,501
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## Concentration of Credit Risk – Investments

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer. The Systems' policy for reducing this risk is to comply with the statute which states that "Except for United States Treasury and Agency obligations, the fixed income portfolio shall contain no more than 5 percent exposure to any single issuer." At June 30, 2006, the Systems had approximately 5.63 percent of its investments in an overnight repurchase agreement with the Bank of America that was fully collateralized by United States Treasury and Agency obligations.

### **Foreign Currency Risk**

Foreign currency risk is the risk that changes in exchange rates will adversely impact the fair value of an investment. At June 30, 2006, the Systems did not have any deposits or investments denominated in foreign currencies so this risk does not apply.

### **Securities Lending**

Through a custodial agent, SCRS, PORS, GARS, JSRS, and NGRS participate in a securities lending program whereby securities are loaned for the purpose of generating additional income to the Systems. The Systems lends securities from its investment portfolios on a collateralized basis to third parties, primarily financial institutions. The market value of the required collateral must initially meet or exceed 102 percent of the market value of the securities loaned, providing a margin against a decline in the market value of the collateral, and requires additional collateral if the collateral value falls below 100 percent.

There are no restrictions on the amount of securities that may be loaned. The types of securities available for loan during the year ended June 30, 2006, included U. S. Government securities, U. S. Government agencies, corporate bonds, convertible bonds, and equities. The contractual agreement with the Systems' custodian provides indemnification in the event the borrower fails to return the securities lent or fails to pay the Systems income distribution by the securities' issuers while the securities are on loan. Cash and U.S. Government securities were received as collateral for these loans. The Systems cannot pledge or sell collateral securities without a borrower default. The Systems invest cash collateral received; accordingly, investments made with cash collateral appear as an asset. A corresponding liability is recorded as the Systems must return the cash collateral to the borrower upon the expiration of the loan.

With regard to custodial credit risk, the Systems' cash collateral invested is held by the counterparty and is uninsured. All securities loaned can be terminated on demand by either the Systems or the borrower. At year end the average number of days the loans were outstanding ranged from 1 to 24 days. The average weighted maturity of investments made with cash collateral ranged from 3 to 27 days. At June 30, 2006, there had been no losses resulting from borrower defaults and the Systems had no credit risk exposure to borrowers because the amounts the Systems owed the borrowers exceeded the amounts the borrowers owed the Systems.

### **Financial Section**

The following table presents the fair value (amounts expressed in thousands) of the underlying securities and the total collateral received for securities on loan at June 30, 2006.

	June 30, 2006					June 30, 2005					
	SCRS		PORS		GARS		JSRS	N	IGRS	TOTAL	TOTAL
Securities lent for cash collateral:											
U.S. Government securities	\$ 337,040	\$	25,974	\$	1,097	\$	10,653			\$ 374,764	\$ 2,237,344
U.S. Government agencies	2,323,444		198,740		606		5,581			2,528,371	642,787
Corporate bonds	40,768		7,827					\$	84	48,679	118,782
Common Stock	1,154,743		140,455		2,542		6,005			1,303,745	1,013,784
Total securities lent for cash collateral	3,855,995	_	372,996		4,245	_	22,239		84	4,255,559	4,012,697
Securities lent for noncash collateral:											
Equities											515
U.S. Government securities											29,820
Total for securities lent	\$ 3,855,995	\$	372,996	\$	4,245	\$	22,239	\$	84	\$ 4,255,559	\$ 4,043,032
Cash collateral invested as follows:											
Repurchase agreements	\$ 444,341	\$	66,529	\$	2,186	\$	8,971	\$	87	\$ 522,114	\$ 904,633
Corporate bonds	1,630,151		182,746		992		7,381			1,821,270	2,434,514
Asset Backed Securities	1,366,349		103,391		803		4,717			1,475,260	489,767
Bank Notes	520,598		30,674		373		1,886			553,531	281,463
Total for cash collateral invested	3,961,439		383,340		4,354		22,955		87	4,372,175	4,110,377
Securities received as collateral:											
U.S. Government securities											32,171
Total for securities collateral invested	\$ 3,961,439	\$	383,340	\$	4,354	\$	22,955	\$	87	\$ 4,372,175	\$ 4,142,548

Certain short-term, highly liquid securities, which were insured or registered by the Systems or in the Systems' name with an original maturity of three months or less are considered cash equivalents in accordance with Governmental Accounting Standards Board Statement 9. These investments at June 30, 2006, were composed of the following (amounts expressed in thousands):

### **Cash Equivalents**

	Repurchase Agreements	Money Market Funds		Total 2006	Total 2005		
SCRS	\$ 1,358,482	\$	1,982	\$ 1,360,464	\$	2,525,166	
PORS	350,557		237	350,794		280,172	
GARS	1,139		4	1,143		8,029	
JSRS	6,111		10	6,121		13,766	
NGRS <sup>1</sup>	5,148			5,148		_	
Totals	\$ 1,721,437	\$	2,233	\$ 1,723,670	\$	2,827,133	

<sup>&</sup>lt;sup>1</sup>The South Carolina Retirement Systems assumed administration of the National Guard Retirement System January 1, 2006; therefore, comparative totals for fiscal year 2005 are not presented.

#### **Financial Section**

The Systems maintains a portfolio of short-term securities in order to actively manage all funds waiting to be placed in a more permanent investment. As of June 30, 2006, the Systems held the following short-term investments with maturities of less than one year (amounts expressed in thousands):

#### **Short-term Securities**

	U.S. Government Agency Discount Notes		nmercial Paper	Total 2006	Total 2005		
SCRS PORS	\$	19,958	\$ 29,685	\$ 49,643	\$	230,054	
PORS		4,990		4,990		65,518	
Totals	\$	24,948	\$ 29,685	\$ 54,633	\$	295,572	

Effective May 26, 1998, legislation was passed implementing the 1996 public vote amending the State Constitution to allow the Retirement Systems to invest in equity securities. This legislation established a five-member investment panel responsible for defining and developing the investment objectives and the types of equity investments to be purchased. The Act also specified that a maximum of 40 percent of assets may be invested in equities.

During fiscal year 2005, the South Carolina General Assembly passed Act 153, the State Retirement System Preservation and Investment Reform Act, which became effective July 1, 2005. This Act established a six-member Investment Commission made up of financial experts, the State Treasurer, and a nonvoting retired member. Fiduciary responsibility for all investments was moved to the Commission. Act 153 also created the position of chief investment officer and stated that equity investments cannot exceed 70 percent of the total portfolio.

As of June 30, 2006, the Retirement Systems' assets were invested in equities as follows (amounts expressed in thousands):

#### **Equity Investments**

	Common Trust Funds										
	S&P 500 ndex Fund		ssell 2000 dex Fund	Ba	arclays Global Investors		Common Total Stock 2006			Total 2005	
SCRS	\$ 5,718,900	\$	348,345	\$	428,409	\$	5,509,162	\$	12,004,816	\$	9,788,784
<b>PORS</b>	682,329		41,223		51,131		662,613		1,437,296		1,168,825
GARS	11,952		729		894		11,531		25,106		20,453
<b>JSRS</b>	29,482		1,780		2,209		28,400		61,871		50,406
NGRS	-		-		-		-		_		-
Totals	\$ 6,442,663	\$	392,077	\$	482,643	\$	6,211,706	\$	13,529,089	\$	11,028,468

The Systems retains a consultant to provide investment consulting services necessary to fulfill the duties for investing in equity securities. As of June 30, 2006, individual agreements were in place between the Systems and 20 equity investment managers.

On June 30, 2006, the Systems held collateralized mortgage obligations (CMOs) in its portfolios. The CMOs in these portfolios consist of the planned amortizations class-1 (PAC-1) and the very accurately defined maturity (VADM) tranches of these issues. The PAC-1 and VADM tranche CMO structure securities were entered into for several reasons: (1) to protect the Retirement Systems' portfolios from princial prepayment risk during an environment of declining interest rates, (2) to provide incremental yield above that available on corporate securities with similar terms, (3) to provide diversification in the portfolios, (4) to maintain the high quality of government-sponsored credits in the portfolios, and (5) to utilize the estimated future term cash flows provided by these securities to match the term of the liabilities of the Retirement Systems. These securities are all rated AAA by the major rating agencies. The PAC-1 and VADM structures are highly marketable securities.

The Systems held the following CMOs included in the financial and other category (amounts expressed in thousands):

#### **Collateral Mortgage Obligations (CMOs)**

	_	e 30, 2006 <u>air Value</u>	June 30, 2005 <u>Fair Value</u>			
SCRS	\$	265,678	\$ 292,359			
PORS		23,194	13,782			
GARS		134	183			
JSRS		106	145			
NGRS		_	 _			
Totals	\$	289,112	\$ 306,469			

On June 30, 2006, the Systems also held asset-backed securities in its portfolios. These securities had an average life of one to three years with a legal final maturity of two to five years. These securities represent an undivided ownership interest in a trust consisting of auto loan receivables. These securities are rated AAA by the major rating agencies. In addition, under the asset-backed securities category, the Systems held bonds issued by the South Carolina Tobacco Settlement Revenue Management Authority. These securities are rated Baa2/BBB and have an average life of 4.12 years with a legal maturity of 2016.

The Systems held the following asset-backed securities included in the financial and other investments category (amounts expressed in thousands):

#### **Asset Backed Securities**

	Jun	e 30, 2006	Jui	une 30, 2005			
	<u>Fa</u>	<u>air Value</u>	Ī	<u>Fair Value</u>			
SCRS	\$	137,609	\$	561,790			
<b>PORS</b>		24,299		123,544			
GARS		621		958			
JSRS		1,764		2,682			
NGRS		495		_			
Totals	\$	164,788	\$	688,974			

In addition to CMOs and asset-backed securities, the financial and other investments category primarily consisted of corporate financial paper as follows (amounts expressed in thousands):

#### **Corporate Financial Paper**

	Ju	ne 30, 2006	Jui	ne 30, 2005
	]	<u>Fair Value</u>	1	Fair Value
SCRS	\$	1,112,379	\$	967,113
PORS		145,909		101,556
GARS		2,281		1,417
JSRS		5,469		2,312
NGRS		2,024		
Totals	\$	1,268,062	\$	1,072,398

### IV. Capital Assets

Capital assets at June 30, 2006, consist of the following amounts (expressed in thousands). There were no additions or dispositions of capital assets during the year.

	SCRS	PORS	GARS	<u>JSRS</u>	TOTAL	TOTAL 2005
Land Building Total Capital Assets	\$ 524 4,279 4,803	\$ 54 437 491	\$ 1 13 14	\$ 3 20 23	\$ 582 4,749 5,331	\$ 582 4,749 5,331
Less: Accumulated Depreciation	1,473	151	4	7	1,635	1,517
Net Capital Assets	\$ 3,330	\$ 340	\$ 10	\$ 16	\$ 3,696	\$ 3,814

### V. Transfers Between Systems

Transfers between systems are statutorily authorized transfers of contributions and service credit from one retirement system to another retirement system that result from members voluntarily initiating the transfer when certain conditions are met.

Transfers made during the fiscal year ended June 30, 2006, were as follows (amounts expressed in thousands):

	Transfers to										
Transfers	SC	SCRS PORS C				ARS	J:	SRS	<b>Totals</b>		
from											
SCRS	\$	-	\$	3,026	\$	41	\$	166	\$	3,233	
PORS										-	
GARS		13						52		65	
JSRS										-	
Total	\$	13	\$	3,026	\$	41	\$	218	\$	3,298	

The following schedule reflects amounts due to or from other systems as of June 30, 2006, (amounts expressed in thousands):

					Du	e to				
<b>Due from</b>	S	CRS	P	ORS	GA	RS	JS	RS	To	tals
SCRS	\$	-	\$	690	\$	7	\$	11	\$	708
PORS		160								160
GARS				5						5
JSRS				5						5
Total	\$	160	\$	700	\$	7	\$	11	\$	878

### **VI. Related Party Transactions**

The pension plans provide pension and other fringe benefits to employees of all State agencies. Revenues attributed to these agencies are recorded in the financial statements as employee and employer contributions and constitute approximately 35 percent of combined contribution revenues. In addition, the Systems receives custodial, investment and related services from the State Treasurer.

At June 30, 2006, liabilities of approximately \$29.9 million were due to other State departments and agencies, and contributions receivable of approximately \$27.6 million were due from other State departments and agencies.

As a result of the Retirement Systems assuming administrative responsibility for the NGRS, the State appropriated funds in the amount of \$300,000 to the Systems in order to perform the functions necessary to assume administration. Additionally, the State Adjutant General's Office transferred approximately \$14.1 million to the Systems, which represented the net assets of the National Guard Pension System at December 31, 2005.

As discussed in Note III, the Retirement System Investment Commission was established by Act 153 with an effective date of October 1, 2005. The Investment Commission is considered a separate State agency; however, the expenses of the Commission are funded by transfers from the Systems. Transfers in the amount of approximately \$1.5 million were made to the Commission during the fiscal year.

### VII. Teacher and Employee Retention Incentive Program

The Teacher and Employee Retention Incentive (TERI) program, implemented effective January 1, 2001, is a deferred retirement option plan available to active SCRS members eligible for service retirement on or after January 1, 2001.

When a member enters TERI, the member's status changes from an active member to a retiree even though the employee continues to work at his regular job and earn his regular salary for a period of up to five years. TERI participants who entered the program after June 30, 2005, must continue to contribute at the same rate as active members. Those who entered prior to July 1, 2005, make no employee contributions while participating in TERI. No additional service credit is earned during this period and participants are ineligible for disability retirement benefits.

During the TERI participation period, the retiree's monthly benefits are accrued and accumulate in the trust account. Upon the termination of employment or at the end of the TERI period (whichever is earlier), the retiree may elect to roll over his funds into a qualified, tax-sheltered, retirement plan or to receive a single-sum distribution (or a combination thereof). No interest is paid on the participant funds accumulated in the TERI account.

A total of 10,025 members were actively participating in the TERI program at June 30, 2006. The activity for this program is reflected in the following schedule:

#### Schedule of TERI Activity Year Ended June 30, 2006 (Amounts expressed in thousands)

\$ 884,776
321,374
(535,623)
\$ 670,527

### VIII. Litigation

Nancy Layman et al. v. South Carolina Retirement System and the State of South Carolina, Case Number 200532860.

In May, 2006, the Supreme Court ruled that Act 153, which had been enacted by the General Assembly in 2005, and which required certain retirees, including participants in

the Teacher and Employee Retention Incentive program (TERI), to remit employee contributions to the Retirement System, violated the contract rights of the TERI participants who began their participation in the TERI program before July 1, 2005 (old TERI participants).

The Supreme Court ordered that all contributions from the old TERI participants that had been collected since July 1, 2005, should be refunded, with interest, and that no future contributions from the old TERI participants be collected. The estimated present value of the revenue to the Retirement Systems lost by this decision is estimated at \$110,000,000. This loss will be offset by increases in the employer contributions to the system. The Supreme Court also remanded the question whether the Retirement System is liable for Plaintiffs' attorneys' fees. That issue is pending in the trial court at this time. Plaintiffs have not yet informed the Retirement System what amount of attorneys' fees they are seeking, so no estimate of the amount of any such award can presently be made.

The Supreme Court also remanded the claims of persons who have retired but have returned to covered employment prior to July 1, 2005, for determination by the trial court, although the Supreme Court found that the statute governing retirees who have returned to work did not create a contract between the State and these members. If the retirees who have returned to covered employment were to prevail, the Retirement System estimates its potential loss at approximately \$12.5 million for fiscal year 2006. Discovery regarding these issues is underway, and it is premature to estimate any potential loss associated with them. The Retirement System believes its defense is meritorious and intends to vigorously contest these claims.

Arnold et al. v. the South Carolina Police Officers Retirement System, the South Carolina Retirement System and the State of South Carolina, Civil Action Number 2005-CP-22-756.

This is a putative class action case, filed on August 9, 2005, alleging that provisions in Act 153 requiring retirees who have returned to covered employment in the Police Officers Retirement System and the South Carolina Retirement System to make employee contributions are unconstitutional and illegal. Specifically, the plaintiffs allege that the provisions of Act 153 requiring retirees who have returned to covered employment to make contributions impairs contractual rights, constitutes an unlawful taking of property, and violates due process.

Plaintiffs seek a declaration that provisions in Act 153 affecting members who retired and returned to covered employment prior to July 1, 2005, are unconstitutional, an injunction enjoining the defendants from collecting employee contributions from plaintiffs, and a refund of all contributions paid by working retirees under Act 153, including attorneys' fees. If the plaintiffs were to prevail, the South Carolina Police Officers Retirement System estimates its potential loss to be \$2.15 million for fiscal year 2006. (To the extent this case covers the South Carolina Retirement System, the class for Arnold and the potential class of retirees who have returned to covered employment in Layman [described on Page 44] would be the same.

To the extent these cases cover the same class members in the South Carolina Retirement System, the defendants would only be liable for approximately \$12.5 million in both cases. The defendants believe their defense is meritorious and will vigorously contest the case.

#### IX. Refund of TERI Contributions

As described in Note VIII above, based on the Supreme Court's ruling that all TERI participants whose participation began prior to July 1, 2005, were entitled to a refund of member contributions, the Retirement Systems issued refund checks totaling \$37.8 million to 13,975 TERI participants. Retired member contributions that were deducted from this group of TERI participants' payroll checks and reported to the Retirement Systems from July 1, 2005, through June 30, 2006, have been refunded.

Upon learning of the Court's decision, the Retirement Systems wanted to make every effort to refund all appropriate contributions received from TERI participants in a timely manner. The Retirement Systems was ordered to refund contributions to members in the class with interest at the rate of 4 percent, payable within 30 days of the court order. The post-judgment interest accrued at 11.25 percent for refunds issued after the 30-day period.

The contributions were refunded, with interest, and no future contributions will be collected from this group of TERI participants. The \$37.8 million refunded includes approximately \$900,000 in interest and is reported as refunds of contributions to members. Of the \$37.8 million on the Statement of Plan Net Assets, \$6.9 million was issued after the end of the fiscal year and is included as benefits payable.

### **South Carolina Retirement Systems Required Supplementary Information**

# Schedule of Funding Progress (Amounts expressed in thousands)

Actuarial Valuation Date	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) -Entry Age (b)	Unfunded AAL (UAAL) (b - a)	Funded Ratio (a/b)	Covered Payroll (c)	UAAL as a Percentage of Covered Payroll ((b - a)/c)
	()	(~)	(10 41)	( ) /	(0)	((~ 4)/ 5)
SCRS				74.60/		
7/01/05	\$ 21,625,510	\$ 30,217,471	\$ 8,591,961	71.6%	\$ 6,356,489	135.2%
7/01/04	20,862,659	25,977,852	5,115,193	80.3%	6,180,599	82.8%
7/01/03	20,197,936	24,398,931	4,200,995	82.8%	6,240,768	67.3%
7/01/02	19,298,174	22,446,574	3,148,400	86.0%	6,147,712	51.2%
7/01/01	18,486,773	21,162,147	2,675,374	87.4%	6,017,537	44.5%
7/01/00	17,286,108	19,414,972	2,128,864	89.0%	5,881,847	36.2%
PORS						
7/01/05	2,774,606	3,173,930	399,324	87.4%	850,610	46.9%
7/01/04	2,616,835	2,984,584	367,749	87.7%	822,448	44.7%
7/01/03	2,511,369	2,744,849	233,480	91.5%	800,394	29.2%
7/01/02	2,351,100	2,527,876	176,776	93.0%	757,393	23.3%
7/01/01	2,197,982	2,324,257	126,275	94.6%	757,335	16.7%
7/01/00	2,008,554	2,095,991	87,437	95.8%	716,749	12.2%
GARS						
7/01/05	46,316	69,161	22,845	67.0%	3,853	592.9%
7/01/03	45,087	68,332	23,245	66.0%	3,839	605.5%
7/01/04			21,937	67.1%	3,844	570.8%
	44,682	66,619		60.0%		
7/01/02	43,841	73,046	29,205	62.7%	4,515	646.9%
7/01/01	42,788	68,291	25,503		4,761	535.6%
7/01/00	40,730	64,616	23,886	63.0%	4,858	491.7%
JSRS						
7/01/05	118,888	204,847	85,959	58.0%	15,465	555.8%
7/01/04	112,016	185,052	73,036	60.5%	14,870	491.2%
7/01/03	106,114	166,655	60,541	63.7%	14,437	419.3%
7/01/02	100,074	166,440	66,366	60.1%	14,211	467.0%
7/01/01	94,795	159,246	64,451	59.5%	14,109	456.8%
7/01/00	87,536	144,631	57,095	60.5%	13,214	432.1%
NGRS						
6/30/05	12,151	46,985	34,835	25.9%	N/A	N/A
6/30/04	13,567	47,281	33,714	28.7%	N/A	N/A
6/30/02	12,608	44,678	32,069	28.2%	N/A	N/A
6/30/00*	11,089	43,427	32,338	25.5%	N/A	N/A
6/30/98	8,640	41,478	32,839	20.8%	N/A	N/A
6/30/96	6,259	36,756	30,497	17.0%	N/A	N/A

<sup>\*</sup>As of April 30, 2000

# **South Carolina Retirement Systems Required Supplementary Information (continued)**

### **Schedule of Employer Contributions**

(Amounts expressed in thousands)

		SCI	RS		PO	RS	GAI		GARS		JSRS		JSRS			NG	RS
	Aı	nnual		,	Annual		Ar	ınual		A	nnual		Aı	nnual			
Year Ended	Re	quired	Percentage	R	equired	Percentage	Red	quired	Percentage	Re	quired	Percentage	Pe	nsion	Percentage		
June 30,	Cont	ribution	Contributed	Coı	ntribution	Contributed	Cont	ribution	Contributed	Cont	tribution	Contributed	(	Cost <sup>1</sup>	Contributed		
2006	\$	577,468	100%	\$	100,281	100%	\$	2,171	100%	\$	6,511	100%	\$	2,969	132.8%		
2005		538,809	100%		90,528	100%		2,890	100%		6,260	100%		2,887	69.2%		
2004		515,996	100%		87,922	100%		2,731	100%		6,078	100%		2,796	71.4%		
2003		512,345	100%		86,563	100%		2,577	100%		6,014	100%		2,804	71.2%		
2002		509,044	100%		88,608	100%		2,627	100%		5,993	100%		2,938	72.6%		
2001		491,329	100%		93,584	100%		2,510	100%		5,875	100%		2,947	71.7%		

<sup>&</sup>lt;sup>1</sup>The Annual Pension Cost (APC) for the National Guard Retirement System includes both the Annual Required Contribution (ARC) and the discounted present value of the balance of the net pension obligation.

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

### **Actuarial Assumptions and Methods**

	SCRS	PORS	GARS	JSRS	NGRS
Valuation date	07/01/05	07/01/05	07/01/05	07/01/05	06/30/05
Actuarial cost method	Entry age				
Amortization period	Level percent	Level percent	Level percent	Level percent	Level dollar
	open	open	closed	open	open
Remaining amortization period	30 years	15 years	20 years	36 years	30 years
Asset valuation method	5-year smoothed market				
Actuarial assumptions:					
Investment rate of return	7.25%	7.25%	7.25%	7.25%	7.25%
Projected salary increases	4.00% - 8.00%	4.50% - 11.50%	None	3.25%	None
Includes inflation at	3.00%	3.00%	3.00%	3.00%	4.25%
Cost-of-living adjustments	Automatic 1% <sup>2</sup>	None	None	3.25%	None

<sup>&</sup>lt;sup>2</sup>Beginning the July 1st following one year of receiving benefits, the monthly benefit amount will increase by the calendar year change in CPI but not to exceed 1 percent. Additional ad hoc COLAs may be paid as approved by the State Budget and Control Board and based upon the financial condition of the System.

# **South Carolina Retirement Systems** Schedule of Changes in Plan Net Assets SCRS Pension Trust Fund

Year Ended June 30, 2006
With comparative totals for the year ended June 30, 2005 (Amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	GROUP LIFE FUND	TOTAL	TOTAL 2005
Additions					
Employee contributions	4 440 600			4.60.070	* 1 <u>=</u> 1000
State department employees	\$ 149,602			\$ 169,870	\$ 151,980
Public school employees Other political subdivision employees	192,245 104,314	26,848		219,093	183,427 97,845
Employer contributions	104,314	5,168		109,482	97,043
State department employees		190,435	\$ 4,191	194,626	187,365
Public school employees		249,742	5,136	254,878	243,542
Other political subdivision employees		125,804	2,160	127,964	107,902
Total contributions	446,161	618,265	11,487	1,075,913	972,061
Investment Income		<del></del>			
Net appreciation (depreciation) in fair value of investments		516,579	2,769	519,348	915,907
Interest and dividend income		628,742	3,364	632,106	592,013
Investment expense		(26,317)	(141)		
Net income from investing activities		1,119,004	5,992	1,124,996	1,488,042
From securities lending activities:					
Securities lending income		170,365	913	171,278	75,142
Securities lending expense		(160,773)	(862)	(161,635)	(66,297)
Net income from securities lending activities		9,592	51	9,643	8,845
Total net investment income		1,128,596	6,043	1,134,639	1,496,887
Supplemental retirement benefits funded by the State		1,741		1,741	1,982
Transfers of contributions from other Systems	13			13	2
Total additions	446,174	1,748,602	17,530	2,212,306	2,470,932
Deductions					
Refunds of contributions to members	108,569			108,569	67,434
Transfers of contributions to other Systems	2,067	1,166		3,233	2,136
Regular retirement benefits		1,316,123		1,316,123	1,173,459
Deferred retirement benefits		321,374		321,374	338,778
Supplemental retirement benefits		1,741	440==	1,741	1,982
Group life insurance claims		107	14,875	14,875	13,710
Depreciation Administrative expense		107 15,124	81	107 15,205	107 14,242
Total deductions	110,636		14,956		1,611,848
		1,655,635		1,781,227	
Interfund transfers according to statutory requirements	(010.061	210.061			
Contributions by members at retirement Interest credited to members' accounts	(218,861				
Net interfund transfers	197,075 (21,786	(197,075) 21,786			
Net increase	313,752	114,753	2,574	431,079	859,084
Net assets held in trust for Pension Benefits	, · · · -	,. 25	_/- · ·	, 3	,
Beginning of year	4,915,423	16,788,710	116,350	21,820,483	20,961,399
End of year	\$ 5,229,175		\$ 118,924		\$ 21,820,483

# South Carolina Retirement Systems Schedule of Changes in Plan Net Assets PORS Pension Trust Fund

Year Ended June 30, 2006
With comparative totals for the year ended June 30, 2005
(Amounts expressed in thousands)

	PLOYEE UND		PLOYER FUND		ROUP / LIFE FUND	D	IDENTAL EATH UND	TOTAL	TOTAL 2005
Additions	 								
Employee contributions									
State department employees	\$ 23,785	\$	1,113					\$ 24,898	
Public school employees	73		93					166	27
Other political subdivision employees	39,967		2,363					42,330	36,455
Employer contributions			0= 000					0=010	22.254
State department employees			35,938	\$	686	\$	686	37,310	32,864
Public school employees			168		3		3	174	16
Other political subdivision employees Total contributions	 (2.025		60,600		1,133		1,064	62,797	57,648
iotal contributions	 63,825		100,275		1,022		1,753	167,675	149,330
Investment Income									
Net appreciation (depreciation) in fair value of investments			60,934		485		578	61,997	105,259
Interest and dividend income			78,319		621		740	79,680	71,885
Investment expense			(3,135)		(25)		(30)	(3,190)	(2,386)
Net income from investing activities			136,118		1,081		1,288	138,487	174,758
From securities lending activities:									
Securities lending income			22,027		175		209	22,411	10,315
Securities lending expense			(20,751)		(165)		(197)	(21,113)	(9,224)
Net income from securities lending activities	 		1,276		10		12	1,298	1,091
Total net investment income			137,394		1,091		1,300	139,785	175,849
Supplemental retirement benefits funded by the State			60					60	64
Transfers of contributions from other Systems	 1,860		1,166					3,026	2,071
Total additions	65,685		238,895		2,913		3,053	310,546	327,314
Deductions									
Refunds of contributions to members	13,248							13,248	13,441
Transfers of contributions to other Systems	,							,	4
Regular retirement benefits			165,834					165,834	151,477
Supplemental retirement benefits			60					60	64
Group life insurance claims					1,821			1,821	1,468
Accidental death benefits							1,183	1,183	1,047
Depreciation			11					11	11
Administrative expense	 		1,924		15		18	1,957	1,808
Total deductions	13,248		167,829		1,836		1,201	184,114	169,320
Interfund transfers according to statutory requirements									
Contributions by members at retirement	(38,708)		38,708						
Interest credited to members' accounts	22,578		(22,578)						
Net interfund transfers	 (16,130)		16,130	_					
Net increase	 36,307		87,196		1,077		1,852	126,432	157,994
Net assets held in trust for Pension Benefits			,		,		,	,	,
Paginning of year	585,701	2	107 014		22.070		26.200	2 024 002	2 662 909
Beginning of year	 303,701		,187,814		22,079		26,298	2,821,892	2,663,898
End of year	\$ 622,008	\$ 2	,275,010	\$	23,156	\$	28,150	\$ 2,948,324	\$ 2,821,892

# South Carolina Retirement Systems Schedule of Changes in Plan Net Assets GARS Pension Trust Fund Year Ended June 30, 2006

Year Ended June 30, 2006
With comparative totals for the year ended June 30, 2005
(Amounts expressed in thousands)

	EMPLOYEE FUND			IPLOYER FUND	1	TOTAL	TOTAL 2005		
Additions	FUND FUND								
Contributions									
Employee contributions - State departments	\$	543			\$	543	\$	924	
Employer contributions - State departments			\$	2,171		2,171		2,890	
Total contributions		543		2,171		2,714		3,814	
Investment Income									
Net appreciation (depreciation) in fair value of investments				657		657		1,819	
Interest and dividend income				1,472		1,472		1,446	
Investment expense				(54)		(54)		(41)	
Net income from investing activities				2,075		2,075		3,224	
From securities lending activities:									
Securities lending income				217		217		121	
Securities lending expense				(206)		(206)		(107)	
Net income from securities lending activities				11		11		14	
Total net investment income				2,086		2,086		3,238	
Transfers of contributions from other Systems		41				41		11	
Total additions		584		4,257		4,841		7,063	
Deductions									
Refunds of contributions to members								31	
Transfers of contributions to other Systems		65				65		2	
Regular retirement benefits				5,726		5,726		5,560	
Group life insurance claims				17		17		16	
Depreciation									
Administrative expense				33		33		31	
Total deductions		65		5,776		5,841		5,640	
Interfund transfers according to statutory requirements									
Contributions by members at retirement		(759)		759					
Interest credited to members' accounts		310		(310)					
Net interfund transfers		(449)		449					
Net increase (decrease)		70		(1,070)		(1,000)		1,423	
Net assets held in trust for Pension Benefits									
Beginning of year		8,024		38,655		46,679		45,256	
End of year	\$	8,094	\$	37,585	\$	45,679	\$	46,679	

### South Carolina Retirement Systems Schedule of Changes in Plan Net Assets JSRS Pension Trust Fund

### Year Ended June 30, 2006

With comparative totals for the year ended June 30, 2005 (Amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	TOTAL	TOTAL 2005
Additions				
Contributions				
Employee contributions - State departments	\$ 1,526		\$ 1,526	\$ 2,034
Employer contributions - State departments		\$ 6,511	6,511	6,260
Total contributions	1,526	6,511	8,037	8,294
Investment Income				
Net appreciation (depreciation) in fair value of investments		2,139	2,139	4,736
Interest and dividend income		3,711	3,711	3,474
Investment expense		(135)	(135)	(101)
Net income from investing activities		5,715	5,715	8,109
From securities lending activities:				
Securities lending income		910	910	428
Securities lending expense		(864)	(864)	(389)
Net income from securities lending activities		46	46	39
Total net investment income		5,761	5,761	8,148
Transfers of contributions from other Systems	218		218	58
Total additions	1,744	12,272	14,016	16,500
Deductions				
Refunds of contributions to members	20		20	
Regular retirement benefits		9,677	9,677	9,215
Group life insurance claims		124	124	1
Depreciation				1
Administrative expense		83	83	76
Total deductions	20	9,884	9,904	9,293
Interfund transfers according to statutory requirements				
Contributions by members at retirement	(656)	656		
Interest credited to members' accounts	784	(784)		
Net interfund transfers	128	(128)		
Net increase	1,852	2,260	4,112	7,207
Net assets held in trust for Pension Benefits				
Beginning of year	20,005	99,388	119,393	112,186
End of year	\$ 21,857	\$ 101,648	\$ 123,505	\$ 119,393

### **South Carolina Retirement Systems Schedule of Changes in Plan Net Assets**

NGRS Pension Trust Fund Year Ended June 30, 2006<sup>1</sup>

(Amounts expressed in thousands)

	EMPLOYER FUND TOTAL
Additions	
Contributions <sup>2</sup>	
State appropriated contributions	\$ -
Total contributions	
Investment Income	
Net appreciation (depreciation) in fair value of investments	(253)
Interest and dividend income	342
Net income from investing activities	89
From securities lending activities:	
Securities lending income	7
Securities lending expense	(7)
Net income from securities lending activities	
Total net investment income	89
State Appropriation for Administrative Expenses	300
Total additions	389
Deductions	
Regular retirement benefits	1,371
Administrative expense	204
Total deductions	1,575
Net increase (decrease) before transfer	(1,186)
Transfer from the State Adjutant General's Office	14,064
Net increase	12,878
Net assets held in trust for Pension Benefits	,
Beginning of year	-
End of year	\$ 12,878

<sup>&</sup>lt;sup>1</sup>The South Carolina Retirement Systems assumed administration of the National Guard Retirement System January 1, 2006; therefore, comparative totals for fiscal year 2005 are not presented.

<sup>&</sup>lt;sup>2</sup>Contributions for fiscal year 2006 were received prior to January 1, 2006, when the Retirement Systems assumed administration of the NGRS.

### **Schedule of Administrative Expenses**

### For the Year Ended June 30, 2006

(Amounts expressed in thousands)

		SCRS	PC	ORS	(	GARS	J:	SRS	1	NGRS	1	OTAL
Personal Services												
Salaries and Wages	\$	7,040	\$	906	\$	15	\$	38	\$	179	\$	8,178
Employee Benefits		1,852		238		4		10				2,104
<b>Contractual Services</b>												
Data Processing Services		1,424		183		3		8				1,618
Medical & Health Services		452		58		1		2				513
Financial Audit 26		26		3								29
Actuarial Services 230			30		1		1		25		287	
Other Professional Services	196		25			1					222	
Legal Services		185		24	1		1	I		210		
<b>Operating Expenses</b>												
Facilities Management		452		58		1		3				514
Intergovernmental Services		797		103		2		4				906
Transfers to Investment Commission		1,294		167		3		7				1,471
Telephone		85		11				1				97
Insurance		372		48		1		2	4.		423	
Postage		332		43		1		2		378		378
Supplies		136		17				1				154
Other Miscellaneous Expenses		332		43		1		2				378
<b>Total Administrative Expenses</b>	\$	15,205	\$	1,957	\$	33	\$	83	\$	204	\$	17,482

### **Schedule of Professional Consultant Fees**

### For the Year Ended June 30, 2006

(Amounts expressed in thousands)

Professional/Consultant		Nature of Service	Amount Pa		
Medical & Health Services	SC Vocational Rehabilitation	Disability Applications	\$	513	
Auditing and Accounting	Rogers & Laban, PA	Financial audit		29	
Management Consulting	Milliman USA	Actuarial services		287	
Other Professional Services	Cost Effectiveness Measurements	Cost Effectiveness Measurements Benchmarking services		30	
	Summit Strategies	Optional Retirement Plan consultants		116	
	Psychological & Training Services	Case Evaluations		33	
	Leonard & Associates	Case Evaluations		21	
	Hollenbeck & Associates	Case Evaluations		22	
Legal Services	Sowell Gray Stepp & Laffitte	Attorney services		189	
	Gergel Nickles & Solomon	Attorney services		21	
			\$	1,261	

Information on investment management and consulting fees can be found in the Schedule of Investment Expenses on page 54.

### South Carolina Retirement Systems Schedule of Investment Expenses Year Ended June 30, 2006

(Amounts expressed in thousands)

		SCRS		PORS	G	ARS	JS	SRS	NG	RS	TOTAL
<b>Equity Investment Managers Fees:</b>	_		_								
AllianceBernstein, LP (Large Cap Value)	\$	898	\$	106	\$	2	\$	4			\$ 1,010
AllianceBernstein, LP (Large Cap Growth)		503		60		1		3			567
Barclays Global Investors, N.A.		1,080		129		2		6			1,217
Batterymarch Financial Management, Inc.		1,105		129		2		6			1,242
Wells Capital Management, Inc. (Benson Value Team)		1,789		218		4		10			2,021
ClariVest Asset Management, LLC <sup>1</sup>		48		6							54
Fidelity Management Trust Company		1,940		231		4		10			2,185
Flippin, Bruce & Porter, Inc.		764		91		2		4			861
Integrity Asset Management, LLC		771		90		1		4			866
J.L. Kaplan Associates, LLC <sup>2</sup>		1,334		157		3		6			1,500
Legg Mason Capital Management, Inc. <sup>3</sup>		1,070		131		2		6			1,209
Montag & Caldwell, Inc. <sup>4</sup>		190		24		1		1			216
Nicholas-Applegate Capital Management, LLC <sup>5</sup>		1,590		187		3		8			1,788
Pzena Investment Management, LLC <sup>6</sup>		1,197		147		3		6			1,353
Sands Capital Management, LP <sup>7</sup>		1,266		155		3		6			1,430
State Street Global Advisors Russell 2000 Index Fund		87		10				1			98
State Street Global Advisors S&P 500 Index Fund		154		18				1			173
The Boston Company Asset Management, LLC <sup>8</sup>		283		33		1		1			318
TimesSquare Capital Management, LLC		2,048		250		4		10			2,312
Thompson, Siegel & Walmsley, Inc.		1,188		139		2		6			1,335
Turner Investment Partners, Inc.		1,361		159		3		6			1,529
WCM Investment Management <sup>9</sup>		1,931		237		4		10			2,182
Wellington Management Company, LLP		2,509		300		5		13			2,827
Total		25,106		3,007		52		128			28,293
Investment Service Fees:											
Bank Fees		1,352		183		2		7			1,544
Total Investment Management Fees	\$	26,458	\$	3,190	\$	54	\$	135			\$ 29,837
Securities Lending Expenses:											
Borrower Rebates	\$	161,635	\$	21,113	\$	206	\$	864	\$	7	\$ 183,825
Total Securities Lending Expenses	\$	161,635	\$	21,113	\$	206	\$	864	\$	7	\$ 183,825

<sup>&</sup>lt;sup>1</sup>ClariVest Asset Management, LLC, was funded June 2006.

<sup>&</sup>lt;sup>2</sup>The contract with J. L. Kaplan Associates, LLC, was terminated May 2006.

<sup>&</sup>lt;sup>3</sup>Legg Mason Capital Management, Inc., was funded September 2005.

<sup>&</sup>lt;sup>4</sup>The contract with Montag & Caldwell, Inc., was terminated September 2005.

<sup>&</sup>lt;sup>5</sup>The contract with Nicholas-Applegate Capital Management, LLC, was terminated June 2006.

<sup>&</sup>lt;sup>6</sup>Pzena Investment Management, LLC, was funded September 2005.

<sup>&</sup>lt;sup>7</sup>Sands Capital Management, LP, was funded September 2005.

<sup>&</sup>lt;sup>8</sup>The contract with The Boston Company Asset Management, LLC, was terminated September 2005.

<sup>&</sup>lt;sup>9</sup>WCM Investment Management was funded September 2005.

bear mar-ket (bâr - mär' kĭt) A colloquial phrase that is used to describe a market that is in a downward trend. This phrase is derived from the fact that a bear attacks with the downward thrust of its claws.

**bull mar-ket** ((bool - mär'kĭt) A colloquial phrase that is used to describe a market that is in an upward trend. This is derived from the fact that a bull attacks with an upward thrust of his horns.

cap-i-tal-i-za-tion (kap' i tl i za' shən) The total market value of a company. What it would cost to purchase all outstanding shares of a company. When categorizing companies, capitalization is usually referenced as one of three categories depending on their relative size: small cap, mid cap, and large cap.

**port-fo-li-o** (pôrt-fō' lē-ō') The total investment holdings of an individual or institution.

# Investment Section

STATE OF SOUTH CAROLINA

## OFFICE OF STATE TREASURER

GRADY L. PATTERSON, JR. STATE TREASURER

P.O. DRAWER 11778 COLUMBIA, SC 29211 TEL. (803) 734-2101

118 WADE HAMPTON OFFICE BUILDING COLUMBIA, SC 29201

October 1, 2006

The Honorable Mark Sanford Governor, State of South Carolina Members of the General Assembly of South Carolina

Dear Governor and Members:

As Custodian of funds for the South Carolina Retirement Systems (SCRS), I am pleased to submit the following information on the SCRS investments for Fiscal Year ended June 30, 2006.

With the enactment of Act 153, this year saw the first major change in the oversight and responsibility of the retirement system assets since its inception over 60 years ago. I am happy to report that the transition of this tremendous responsibility to the South Carolina Retirement System Investment Commission has gone extremely well. I am confident that our group of hardworking, dedicated professionals will exercise the utmost care and prudence in executing our responsibilities for the benefit of our worthy retirees and dedicated state employees. The importance of this responsibility cannot be understated and as a reminder, I would like to highlight for you that our average SCRS retiree receives a benefit of less than \$16,000 a year and is dependent upon this benefit for their very well being.

The investment results attained for this year in the consolidated portfolio was 5.13 percent and was 6.96 percent for the three year time period, 6.10 percent for the five year period and 6.84 percent for the ten year period.

As of fiscal year end, the equity portion of the portfolio had grown to 53 percent with half of this invested in a passively managed account and the remainder in actively managed accounts. The equity allocation returned 10.34 percent for the fiscal year ending June 30, 2006 while outperforming the S&P 500 Index which returned 8.64 percent and the Russell 3000 Index, which returned 9.57 percent. The return for the equity portfolio was 12.67 percent for the three year time period and 3.33 percent for the five year period.

The bond market again experienced another challenging year as the Federal Reserve continued their process of returning the Federal Funds rate to a neutral level by raising it 25 basis points at each of the eight meetings held during the fiscal year for an accumulated increase of 2.00 percent. While it appears as though the interest rate increases are behind us, it is anticipated that newly appointed Federal Reserve Chairman and South Carolina native, Ben Bernanke and the Federal Reserve Board will be ever vigilant of the economic data in their attempt to restrain the inflationary forces that can ravage the value of our financial assets.

The fixed income portfolio for which my office is directly responsible for performed exceptionally well for this fiscal year, outperforming the market indices and our private sector peers, at a fraction of the cost. The return for this past fiscal year was 0.68 percent, exceeding our benchmark, the Lehman Aggregate Index, which returned a negative 0.81 percent reflecting 87 basis points of excess return. The return for the fixed income portfolio was 2.98 percent for the three year time period, 5.71 percent for the five year period and 6.94 percent for the ten year period.

### **Investment Section**

Page 2

Our economy continues to demonstrate tremendous resiliency but as this bull market in stocks enters its fourth year we remain cautious in regards to the market's ability to deliver the absolute returns that we had grown accustomed to in the 1990's. We do, however, expect the SCRS funds to continue to perform at better than market levels this upcoming year. That expectation is soundly based on our history of prudent, conservative investments.

As Custodian of funds, it gives me great pleasure to provide this information.

Sincerely

Grady L. Parterson, .

State Treasurer

Reynolds Williams Chairman

James R. Powers
Vice Chairman

Grady L. Patterson, Jr. State Treasurer

Robert L. Borden, CFA Chief Investment Officer

# State of South Carolina Retirement System Investment Commission



Post Office Box 11960 COLUMBIA, SOUTH CAROLINA 29211 Blaine Ewing

Allen R. Gillespie, CFA

S. Travis Pritchett

Nancy E. Shealy Administrative Director and General Counsel

November 20, 2006

The Honorable Mark Sanford, Governor and Budget and Control Board State of South Carolina and Members of the General Assembly of South Carolina

Dear Ladies and Gentlemen:

It is our pleasure to provide the first report on the investments of the South Carolina Retirement Systems' (Retirement Systems) portfolio by the Investment Commission. We are happy to report that fiscal year 2006 witnessed significant, positive changes for the investments of the Retirement Systems' assets.

During the 2005 legislative session, the South Carolina General Assembly passed Act 153, the State Retirement System Preservation and Investment Reform Act. The Act took great strides in laying the foundation for positive, structural change. The Act made the following changes:

- Effective October 1, 2005, established the six-member South Carolina Retirement System Investment Commission, which is made up of financial experts, including the State Treasurer, and a nonvoting retired member.
- The Act replaced the previously bifurcated investment structure with the Commission, which is responsible for investing and managing all assets of the Retirement Systems and is completely, independently, and fully empowered to make all investment decisions.
- Created the role of Chief Investment Officer.
- Increased the maximum portion of the portfolio that may be invested in equities from 40 percent to 70 percent.
- Statutorily allowed for the investment of assets into new categories such as real estate, international fixed income, international equities, private equity as well as other types of investments commonly and prudently invested in by our peers.

The November 7, 2006, election completed the cycle of change by removing the constitutional prohibition against investment in securities not listed on a national exchange. We expect the General Assembly to ratify the constitutional change early next year. At that time, we will complete the process of fully diversifying the Retirement Systems' assets methodically and deliberately.

The Statement of Investment Objectives (SIO) and Policies (SIP) cover the general guidelines and the goals for the investment of the Retirement Systems' assets. The investment program is implemented through an Annual Investment Plan (AIP) which details the asset allocation between the active management and passive management, between large-cap equity and small-cap equity, between styles of equity management (growth, value, and core) and between individual managers. Additionally, the AIP sets forth rebalancing procedures, permissible investments, and benchmarks for performance evaluation. Each fiscal year, the goals, objectives

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#### **Investment Section**

and policies of the investment program are reviewed and updated to ensure that the portfolio is managed to achieve the goals of the Retirement Systems with appropriate fiduciary oversight. The AIP is updated to be consistent with any changes in the management or structure of the portfolio.

Mercer Investment Consulting, Inc., as the Retirement Systems' consultant through the end of fiscal year 2006, was responsible for providing quarterly investment performance reports (prepared in accordance with the performance presentations standards promulgated by the Association of Investment Management & Research, or AIMR) to the Commission, which evaluated the performance of the Systems' equity portfolio and managers. Performance was compared to market benchmarks and to other similar managers over various periods of time, and progress toward long-term goals and asset allocation was also monitored. These reports were prepared using data provided by the Retirement Systems' custodian and investment managers.

Unfortunately, due to the previous lack of diversification in our portfolio, the investment returns for the Retirement Systems have fallen behind its peers. As of June 30, 2006, the Retirement Systems' portfolio totaled \$25.97 billion with 46.3 percent invested in domestic fixed income securities and 53.7 percent invested in domestic equity securities. This allocation was consistent with the targets and ranges set forth in the Annual Investment Plan and within the statutory limitations previously placed upon the assets. For the one-, three- and five-year periods ended June 30, 2006, the total portfolio returned 5.13 percent, 6.96 percent and 6.10 percent, respectively, lagging the Mellon Public Fund Universe (a commonly used industry database of large public funds exceeding \$1 billion in assets) by 680, 640, and 110 basis points, respectively.

The Commission is committed to use industry best practices to transform South Carolina Retirement Systems' investment program into a top quartile ranked public pension fund, on a risk-adjusted basis, while working to exceed the Commission's target rate of return. We believe that we now have the necessary structure and tools in place to achieve this critical goal. However, the diversification process and resulting increase in investment performance will not happen overnight. Therefore, we must be patient and persistent in our effort to increase the returns of the portfolio while prudently managing the associated risk.

While the Commission is currently hiring a highly qualified and professional staff and developing the infrastructure necessary to implement these goals, during fiscal year 2006, consulting and investment services were provided by the State Treasurer's Office; Jamison, Eaton & Woods; and Mercer Consulting.

We are poised for significant, progressive change for the Retirement Systems' investment portfolio. With that change comes great opportunity. We look forward to serving the citizens of the State of South Carolina and seizing the great opportunity that is before us. The Commission is dedicated to providing complete transparency of its plans, goals, and results to the public.

We are committed to the interests of the members of the Retirement Systems, and we will continue to manage the assets of the fund in a prudent manner, seeking superior returns at acceptable levels of risk. It is a tremendous responsibility and opportunity for us to serve as the Commission's first Chairman and CIO.

Reynolda Williams, Chairman

Sincerely.

Robert L. Borden, CFA

### **South Carolina Retirement System Summary of Investment Growth**

(Amounts expressed in thousands)

Year Ended June 30,	Market Value of <u>Investments*</u>	% Increase for Year	Net Income from Investments	% Increase <u>for Year</u>
2006	\$ 22,741,048	0.99%	\$ 1,134,639	-24.20%
2005	22,517,910	5.69%	1,496,887	-14.93%
2004	21,305,463	6.69%	1,759,686	5.83%
2003	19,969,435	8.29%	1,662,781	876.48%
2002	18,440,327	-0.20%	170,284	-86.84%
2001	18,477,867	7.35%	1,293,997	63.33%
2000	17,212,697	4.31%	792,282	101.16%
1999	16,502,052	2.33%	393,856	-79.32%
1998	16,126,828	13.22%	1,904,740	57.12%
1997	14,244,260	9.04%	1,212,272	92.86%

### **Police Officers Retirement System Summary of Investment Growth**

(Amounts expressed in thousands)

	Market		Net Income	
Year Ended	Value of	% Increase	from	% Increase
<u>June 30,</u>	<u>Investments*</u>	<u>for Year</u>	<u>Investments</u>	<u>for Year</u>
2006	\$ 2,917,468	4.31%	\$ 139,785	-20.51%
2005	2,796,872	6.52%	175,849	-17.13%
2004	2,625,710	7.90%	212,201	15.22%
2003	2,433,396	8.98%	184,177	886.48%
2002	2,232,967	1.44%	18,670	-87.52%
2001	2,201,277	9.49%	149,574	60.10%
2000	2,010,545	6.49%	93,425	75.27%
1999	1,887,931	4.54%	53,304	-74.37%
1998	1,805,884	15.13%	207,998	57.77%
1997	1,568,593	10.30%	131,834	90.02%

<sup>\*</sup>Market value includes investment categories classified as cash equivalents for financial statement purposes. Securities lending assets are excluded.

# **General Assembly Retirement System Summary of Investment Growth**

(Amounts expressed in thousands)

Year Ended June 30,	Market Value of <u>Investments*</u>	% Increase for Year	Net Income from <u>Investments</u>	% Increase <u>for Year</u>
2006	\$ 45,282	-2.20%	\$ 2,086	-35.58%
2005	46,300	3.42%	3,238	-19.67%
2004	44,771	3.93%	4,031	0.65%
2003	43,078	5.09%	4,005	14,203.57%
2002	40,990	-3.51%	28	-99.07%
2001	42,482	5.16%	3,022	65.41%
2000	40,397	2.44%	1,827	54.83%
1999	39,435	1.79%	1,180	-72.79%
1998	38,742	10.94%	4,337	48.43%
1997	34,922	6.32%	2,922	79.70%

### Judges and Solicitors Retirement System Summary of Investment Growth

(Amounts expressed in thousands)

Year Ended June 30,	Market Value of <u>Investments*</u>	% Increase for Year	Net Income from Investments	% Increase <u>for Year</u>
2006	\$ 122,128	3.24%	\$ 5,761	-29.30%
2005	118,299	6.96%	8,148	-11.35%
2004	110,597	7.73%	9,191	4.50%
2003	102,657	8.70%	8,795	758.05%
2002	94,439	0.01%	1,025	-85.62%
2001	94,426	8.99%	7,128	88.02%
2000	86,637	4.13%	3,791	61.18%
1999	83,198	2.87%	2,352	-75.29%
1998	80,878	13.47%	9,520	60.03%
1997	71,276	9.53%	5,949	86.78%

<sup>\*</sup>Market value includes investment categories classified as cash equivalents for financial statement purposes. Securities lending assets are excluded.

### **Investment Section**

### **National Guard Retirement System**

### **Summary of Investment Growth**

(Amounts expressed in thousands)

Market			Net Income	
Year Ended <u>June 30,</u>	Value of Investments*	% Increase <u>for Year</u>	from <u>Investments</u>	% Increase for Year
2006	\$ 12.690	%	\$ 89	%

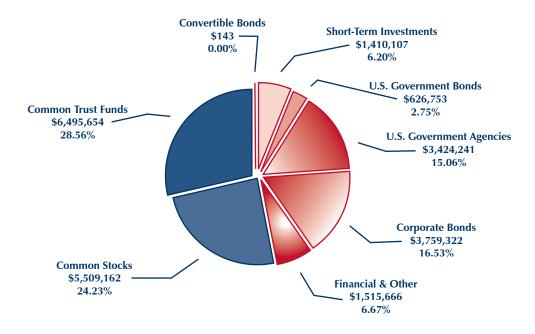
The South Carolina Retirement Systems did not assume administrative responsibilities for the National Guard Retirement System until January 1, 2006; therefore, prior year data is not presented.

<sup>\*</sup>Market value includes investment categories classified as cash equivalents for financial statement purposes. Securities lending assets are excluded.

### **South Carolina Retirement System**

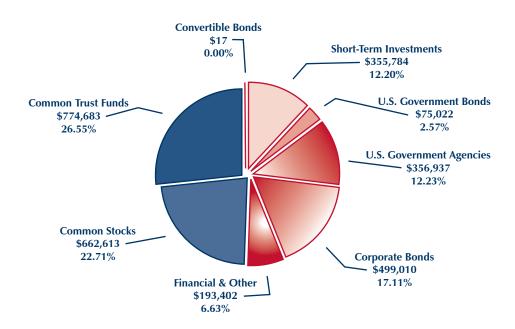
**Schedule of Asset Allocation** 

Market Value as of June 30, 2006



### Police Officers Retirement System Schedule of Asset Allocation

Market Value as of June 30, 2006

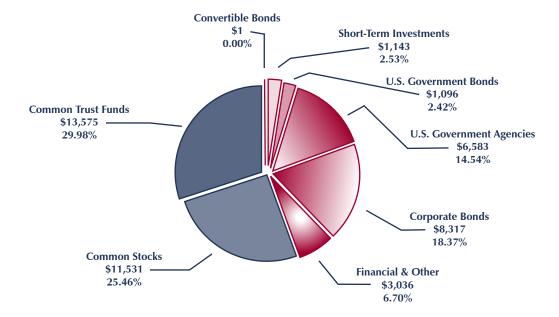


Note: Dollar amounts expressed in thousands. Short-term investments with an original maturity of three months or less were classified as cash equivalents for financial statement purposes.

### **General Assembly Retirement System**

#### **Schedule of Asset Allocation**

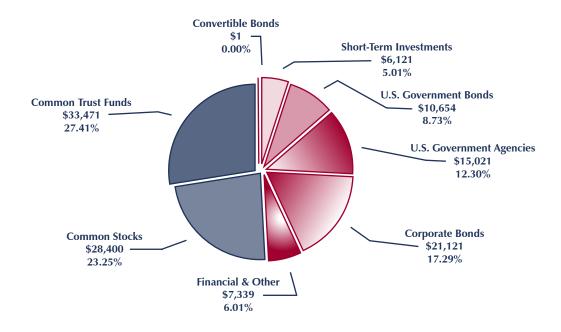
Market Value as of June 30, 2006



### **Judges and Solicitors Retirement System**

**Schedule of Asset Allocation** 

Market Value as of June 30, 2006

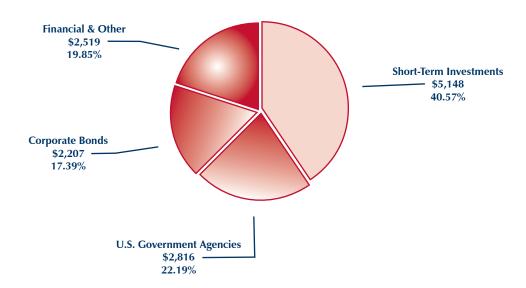


Note: Dollar amounts expressed in thousands. Short-term investments with an original maturity of three months or less were classified as cash equivalents for financial statement purposes.

### **National Guard Retirement System**

Schedule of Asset Allocation

Market Value as of June 30, 2006



Note: Dollar amounts expressed in thousands. Short-term investments with an original maturity of three months or less were classified as cash equivalents for financial statement purposes.

#### **Summary of Market Value of Investments**

(Amounts expressed in thousands)

**Police Officers Retirement System** 

**South Carolina Retirement System** 

#### % of % of **Market Value Market Value Market Value Market Value** 06/30/2006 at 06/30/06 at 06/30/06 06/30/2005 06/30/2005 06/30/2006 **Short-Term Investments:** \$ 2,325,557 Repurchase Agreements \$ 1,358,482 5.97% 261,462 350,557 12.02% Money Market Funds 1,982 0.01% 237 0.01% Commercial Paper 29,685 4,999 0.00%133,626 0.13% **Federal Agencies** 19.958 0.09% 4.990 269,858 70,493 0.17% 2,729,041 1,410,107 6.20% 336,954 355,784 12.20% **U.S. Government Agencies** & Government Insured: Treasury Notes 99,806 1,624,521 0.44% 269,297 0.00% **Treasury Bonds** 310,441 239,589 1.05% 31,841 27,045 0.93% Treasury Bonds (Zero Coupons) 783,744 287,358 84,757 47,977 1.26% 1.64% U.S. Government Agencies 1,426,938 3,398,418 14.95% 220,636 352,544 12.08% Insured Marine Bonds 27,755 25,823 0.11% 4,580 4,393 0.15% 4,173,399 4,050,994 17.81% 431,959 611,111 14.80% **Corporate Bonds:** Industrials 2,047,270 1,780,335 7.83% 177,000 185,516 6.36% Utilities 1,958,049 1,978,987 8.70% 264,087 313,494 10.75% Financial & Other 1,821,262 1,515,666 6.67% 238,882 193,402 6.63% 5,826,581 5,274,988 23.20% 679,969 692,412 23.74% **Convertible Bonds** 105 143 0.00% 13 17 0.00%

143

5,509,162

5,509,162

6,495,654

6,495,654

\$ 22,741,048

0.00%

24.23%

24.23%

28.56%

28.56%

100.00%

13

543,924

543,924

624,901

624,901

\$ 2,796,872

17

662,613

662,613

774,683

774,683

\$ 2,917,468

0.00%

22.71%

22.71%

26.55%

26.55%

100.00%

105

4,542,619

4,542,619

5,246,165

5,246,165

\$ 22,517,910

Note: Market value excludes securities lending assets.

**Common Stock** 

**Common Trust Funds** 

**Total Investments** 

### **Summary of Market Value of Investments**

(Amounts expressed in thousands)

**General Assembly Retirement System Judges and Solicitors Retirement System** % of % of **Market Value Market Value Market Value Market Value** at 06/30/06 06/30/2005 06/30/2006 at 06/30/06 06/30/2005 06/30/2006 **Short-Term Investments:** Repurchase Agreements 8,029 \$ 1,139 2.52% 13,264 6,111 5.00% Money Market Funds 4 0.01% 10 0.01% Commercial Paper Federal Agencies 502 5.01% 8,029 1,143 2.53% 13,766 6,121 **U.S. Government Agencies** & Government Insured: Treasury Notes 499 9,984 8.18% 15,448 **Treasury Bonds** 1,208 1,096 2.42% 748 670 0.55% Treasury Bonds (Zero Coupons) U.S. Government Agencies 4,247 6,583 14.54% 10,471 15,021 12.30% Insured Marine Bonds 5,954 7,679 16.96% 25,675 21.03% 26,667 **Corporate Bonds:** Industrials 4,272 3,989 8.81% 9,414 9,151 7.49% Utilities 5,033 4,328 9.56% 12,906 11,970 9.80% Financial & Other 2,558 3,036 6.70% 5,139 7,339 6.01% 11,353 25.07% 27,459 23.30% 11,863 28,460 **Convertible Bonds** 0.00% 0.00% 0.00% 0.00% **Common Stock** 9,505 11,531 25.46% 23,368 28,400 23.25% 9,505 11,531 25.46% 23,368 28,400 23.25% 29.98% 33,471 **Common Trust Funds** 10,948 13,575 27,038 27.41% 10,948 13,575 29.98% 27,038 33,471 27.41%

Note: Market value excludes securities lending assets.

46,300

\$

\$

45,282

100.00%

118,299

122,128

100.00%

**Total Investments** 

### **Summary of Market Value of Investments**

(Amounts expressed in thousands)

### **National Guard Retirement System**

	' <u>'</u>	<u>ket Value</u> /30/2006	% of Market Value at 06/30/06
Short-Term Investments:	00/	30/2000	at 00/30/00
	\$	E 140	40.57%
Repurchase Agreements	Ф	5,148	40.37%
Money Market Funds		-	-
Commercial Paper		-	-
Federal Agencies		-	
		5,148	40.57%
U.S. Government Agencies			
& Government Insured:			
Treasury Notes		-	-
Treasury Bonds		_	-
Treasury Bonds (Zero Coupons)		-	-
U.S. Government Agencies		2,816	22.19%
Insured Marine Bonds		-	-
		2,816	22.19%
Corporate Bonds:			
Industrials		1,082	8.53%
Utilities		1,125	8.86%
Financial & Other		2,519	19.85%
		4,726	37.24%
<b>Total Investments</b>	\$	12,690	100.00%

Note: Market value excludes securities lending assets.

Effective January 1, 2006, the South Carolina Retirement Systems assumed administrative responsibilities for the National Guard Retirement System.

# **South Carolina Retirement System List of Largest Assets Held**

#### As of June 30, 2006, SCRS held units in the following common trust funds:

<u>Units</u>	<u>Description</u>	i	Market Value
24,012,850	State Street Global Advisors (S&P 500 equity index fund)	\$	5,718,900,312
8,146,333	State Street Global Advisors (Russell 2000 equity index fund)		348,345,332
3,049,019	Barclays Global Investors Alpha Tilts Fund (large cap active core equity fund)	_	428,409,378
	Total	\$	6,495,655,022

#### Top ten equity holdings in actively managed separate accounts at June 30, 2006:

<u>Units</u>	<b>Description</b>	<u>Market Value</u>
2,280,518	Citigroup Inc	\$ 110,012,210
2,414,234	Yahoo Inc	79,669,710
1,156,488	Exxon Mobil Corp	70,950,524
1,848,455	Starbucks Corp	69,797,667
2,370,960	Ebay Inc	69,445,407
163,301	Google Inc	68,477,100
1,442,544	Walgreen Company	64,683,689
2,571,630	Dell Inc	62,773,499
1,077,339	Expeditors International	60,341,763
1,139,631	Bank America Corp	54,816,233
		Total \$ 710,967,802

#### Top ten fixed income holdings at June 30, 2006:

Par Value	<u>Description</u>	<u>Market Value</u>
\$ 291,350,000	BECCS (Treasury 14% due 11/15/11-06)	\$ 285,846,398
200,000,000	Federal Home Loan Bank 4% due 06/13/07	197,062,500
167,103,199	GNMA #651753 5.50% due 03/15/36	161,998,196
157,537,622	GNMA #651860 5.50% due 06/15/36	152,724,848
140,086,602	GNMA #550657 5.50% due 09/15/35	135,847,581
133,054,157	GNMA #651722 5.50% due 02/15/36	128,989,353
131,504,631	GNMA #781987 5.50% due 10/15/35	127,537,136
120,341,038	GNMA #782007 5.50% due 12/15/35	116,705,535
114,985,390	GNMA #604046 5.50% due 02/15/33	111,593,321
87,671,000	AT&T Broadband Corp 9.455% due 11/15/22	108,931,218
		Total \$ 1,527,236,086

Note: A complete list of portfolio holdings is available upon request.

#### Police Officers Retirement System List of Largest Assets Held

#### As of June 30, 2006, PORS held units in the following common trust funds:

<u>Units</u>	<u>Description</u>	<u> </u>	<u> Aarket Value</u>
2,865,001	State Street Global Advisors (S&P 500 equity index fund)	\$	682,328,695
964,025	State Street Global Advisors (Russell 2000 equity index fund)		41,222,655
363,904	Barclays Global Investors Alpha Tilts Fund (large cap active core equity fund)		51,131,222
	Total	\$	774,682,572

#### Top ten equity holdings in actively managed separate accounts at June 30, 2006:

<u>Units</u>	<u>Description</u>		Ma	arket Value
273,253	Citigroup Inc		\$	13,181,739
289,275	Yahoo Inc			9,546,079
138,571	Exxon Mobil Corp			8,501,341
221,483	Starbucks Corp			8,363,204
284,090	Ebay Inc			8,320,996
19,567	Google Inc			8,204,973
172,847	Walgreen Company			7,750,444
308,135	Dell Inc			7,521,564
129,088	Expeditors International			7,230,192
136,551	Bank America Corp			6,568,119
	-	Total	\$	85,188,651

#### Top ten fixed income holdings at June 30, 2006:

Par Value	<u>Description</u>		<u>N</u>	<u> 1arket Value</u>
\$ 69,668,514	GNMA #781590 5.50% due 04/15/33		\$	67,625,833
48,900,000	BECCS (Treasury 14% due 11/15/11-06)			47,976,279
25,000,000	Federal Home Loan Bank 4% due 06/13/07			24,632,813
22,745,039	GNMA #550728 5.50% due 11/15/35			22,056,774
22,485,329	GNMA #616997 5.50% due 02/15/36			21,798,402
17,132,646	GNMA #781987 5.50% due 10/15/35			16,615,754
15,000,000	Federal Home Loan Bank 4.63% due 04/13/07			15,019,950
11,626,000	AT&T Broadband Corp 9.455% due 11/15/22			14,445,305
14,825,824	GNMA #602533 5.50% due 02/15/36			14,372,895
14,197,349	GNMA #633488 5.50% due 03/15/36			13,763,620
		Total	\$	258,307,625

Note: A complete list of portfolio holdings is available upon request.

#### General Assembly Retirement System List of Largest Assets Held

#### As of June 30, 2006, GARS held units in the following common trust funds:

<u>Units</u> 50,186	<u>Description</u> State Street Global Advisors (S&P 500 equity index fund)		Market Value \$ 11,952,377
17,048	State Street Global Advisors (Russell 2000 equity index fund)		728,986
6,360	Barclays Global Investors Alpha Tilts Fund (large cap active core equity fund)		893,650
		Total	\$ 13,575,013

#### Top ten equity holdings in actively managed separate accounts at June 30, 2006:

<u>Units</u>	<u>Description</u>		Ma	arket Value
4,882	Citigroup Inc		\$	235,521
5,169	Yahoo Inc			170,562
2,476	Exxon Mobil Corp			151,896
3,957	Starbucks Corp			149,428
5,076	Ebay Inc			148,674
350	Google Inc			146,601
3,088	Walgreen Company			138,479
5,506	Dell Inc			134,390
2,306	Expeditors International			129,184
2,440	Bank of America Corp			117,354
		Total	\$	1,522,089

#### Top ten fixed income holdings at June 30, 2006:

Par Value	<u>Description</u>		Ma	arket Value
\$ 1,282,622	GNMA #419409 7.625% due 10/15/21		\$	1,278,607
1,000,000	Federal Home Loan Bank 4.65% due 02/22/07			999,010
754,246	GNMA #781590 5.50% due 4/15/33			732,132
500,000	U.S. Treasury Bonds 9.125% due 05/15/18			669,570
500,000	Coca Cola 8% due 9/15/22			585,425
500,000	Massachusetts Mutual Life Insurance Co 7.625% due 11/15/23			575,620
500,000	Federal Farm Credit Bank 9.80% due 7/20/09			560,585
500,000	Waste Management 8.75% due 05/01/18			522,910
500,000	GTE Corp 7.90% due 2/1/27			521,300
500,000	Sherwin Williams Co 7.375% due 2/1/27			506,490
		Total	\$	6,951,649

Note: A complete list of portfolio holdings is available upon request.

#### Judges and Solicitors Retirement System List of Largest Assets Held

#### As of June 30, 2006, JSRS held units in the following common trust funds:

<u>Units</u> 123,790	<u>Description</u> State Street Global Advisors (S&P 500 equity index fund)		Market Value \$ 29,481,782
41,641	State Street Global Advisors (Russell 2000 equity index fund)		1,780,596
15,721	Barclays Global Investors Alpha Tilts Fund (large cap active core equity fund)		2,208,897
		Total	\$ 33,471,275

#### Top ten equity holdings in actively managed separate accounts at June 30, 2006:

<u>Units</u>	<u>Description</u>	M	<u>arket Value</u>
11,763	Citigroup Inc	\$	567,446
12,453	Yahoo Inc		410,939
5,965	Exxon Mobil Corp		365,964
9,534	Starbucks Corp		360,018
12,229	Ebay Inc		358,201
842	Google Inc		353,206
7,441	Walgreen Company		333,640
13,265	Dell Inc		323,787
5,557	Expeditors International		311,244
5,878	Bank of America Corp		282,743
	Total	\$	3,667,188

#### Top ten fixed income holdings at June 30, 2006:

Par Value	<u>Description</u>		<u>Ma</u>	rket Value
\$ 10,000,000	U.S. Treasury Notes 2.75% due 07/31/06		\$	9,984,000
2,693,418	GNMA #419411 7.625% due 10/15/21			2,684,987
2,322,284	GNMA #781590 5.50% due 04/15/33			2,254,194
2,000,000	Federal Home Loan Bank 4.65% due 02/22/07			1,998,020
1,233,125	GNMA #782076 5.50% due 03/15/36			1,195,786
1,000,000	Pedernales Electric 8.55% due 11/15/20			1,192,000
1,000,000	Massachusetts Mutual Life Insurance Co 7.625% due 11/15/23			1,151,240
1,000,000	Federal Farm Credit Bank 9.80% due 07/20/09			1,121,170
1,000,000	McKesson Corp 7.65% due 03/01/27			1,087,590
1,000,000	Tampa Electric 6.875% due 06/15/12			1,046,750
	Tot	al	\$	23,715,737

Note: A complete list of portfolio holdings is available upon request.

#### National Guard Retirement System List of Largest Assets Held

#### Top ten fixed income holdings at June 30, 2006:

Par Value	<u>Description</u>		Ma	ırket Value		
\$ 500,000	Federal Farm Credit Bank 2.125% due 07/17/06		\$	499,375		
500,000	Federal Home Loan Bank 4% due 08/18/06			499,063		
500,000	Patron's Legacy 5.775% due 07/23/18		495,030			
400,000	General Electric Cap Corporation 3.50% due 12/05/07					
396,972	GNMA #781590 5.50% due 04/15/33			385,332		
250,000	Dayton Hudson Corp 9.520% due 06/10/15			304,680		
298,673	GNMA #604436 4.50% due 07/15/18			284,722		
275,513	GNMA #487145 4.50% due 04/15/20			262,481		
250,000	Nationwide Financial Services 8% due 03/01/27			261,355		
250,000	Archer Daniel Midland Company 6.625% due 05/01/29			261,288		
		Total	\$	3,641,802		

Note: A complete list of portfolio holdings is available upon request.

Effective January 1, 2006, the South Carolina Retirement Systems assumed administrative responsibilities for the National Guard Retirement System (NGRS). Historically, NGRS funds have been invested strictly in the fixed income market; however, in fiscal year 2007, the NGRS pension trust fund will be reallocated, pooled together, and invested in the same manner as the other four pension trust funds administered by the South Carolina Retirement Systems.

#### South Carolina Retirement Systems Schedule of Investment Results

	Fiscal Years ended June 30,	91 Day Treasury Bill Index	Cash Segment Returns <sup>1</sup>	Lehman Aggregate (Fixed Benchmark)	Fixed Income Segment Returns	S&P 500 Equity Index (Equity Benchmark)	Equity Segment Returns <sup>2</sup>	Consumer Price Index (CPI) <sup>3</sup>	Actuarial Assumed Rate of Return	Total Portfolio Returns
SCRS	2006	3.99%	4.43%	-0.81%	0.66%	8.64%	10.63%	4.33%	7.25%	5.11%
	2005	2.15%	2.30%	6.80%	6.94%	6.32%	7.24%	2.53%	7.25%	7.03%
	2004	-	-	0.33%	1.47%	19.10%	20.88%	3.27%	7.25%	8.79%
	2003	-	-	10.40%	11.82%	0.25%	-0.40%	2.11%	7.25%	8.98%
	2002	-	-	8.63%	8.24%	-17.99%	-17.32%	1.07%	7.25%	0.91%
	2001	-	-	11.23%	10.90%	-14.83%	-7.75%	3.25%	7.25%	7.14%
	2000	-	-	4.56%	4.24%	7.25%	10.23%	3.73%	7.25%	4.77%
	1999	-	-	3.13%	2.30%	-	5.44%	1.96%	7.25%	2.42%
	1998	-	-	10.54%	15.06%	-	-	1.68%	7.25%	15.06%
	1997	-	-	8.16%	8.99%	-	-	2.30%	7.25%	8.99%
	3-Year Annualized	2.36%	-	2.05%	2.99%	11.22%	12.83%	3.37%		6.96%
	5-Year Annualized	2.25%	-	4.98%	5.74%	2.49%	3.43%	2.65%		6.13%
	10-Year Annualized	3.81%	-	6.22%	6.96%	8.31%	-	2.62%		6.86%
PORS	2006	3.99%	4.51%	-0.81%	0.88%	8.64%	10.52%	4.33%	7.25%	5.10%
	2005	2.15%	2.34%	6.80%	6.26%	6.32%	7.24%	2.53%	7.25%	6.63%
	2004	-	-	0.33%	1.60%	19.10%	20.88%	3.27%	7.25%	8.64%
	2003	-	-	10.40%	10.45%	0.25%	-0.40%	2.11%	7.25%	8.32%
	2002	-	-	8.63%	8.15%	-17.99%	-17.32%	1.07%	7.25%	1.02%
	2001	-	-	11.23%	10.72%	-14.83%	-7.75%	3.25%	7.25%	7.09%
	2000	-	-	4.56%	4.40%	7.25%	10.23%	3.73%	7.25%	4.93%
	1999	-	-	3.13%	2.62%	-	5.44%	1.96%	7.25%	2.74%
	1998	-	-	10.54%	14.24%	-	-	1.68%	7.25%	14.24%
	1997	-	-	8.16%	8.77%	-	-	2.30%	7.25%	8.77%
	3-Year Annualized	2.36%	-	2.05%	2.89%	11.22%	12.79%	3.37%		6.76%
	5-Year Annualized	2.25%	-	4.98%	5.40%	2.49%	3.40%	2.65%		5.88%
	10-Year Annualized	3.81%	-	6.22%	6.73%	8.31%	-	2.62%		6.68%

<sup>&</sup>lt;sup>1</sup>Effective July 1, 2004, a 2 percent (approximately) portion of the aggregate fixed income portfolio was segmented into a liquidity pool of short duration investments to more efficiently manage cash flows.

Note: Calculations were prepared using a time-weighted, market rate of return in accordance with the Chartered Financial Analyst (CFA) Institute's performance presentation standards.

<sup>&</sup>lt;sup>2</sup>Equity segment funded June 1999.

<sup>&</sup>lt;sup>3</sup>Measure of the Consumer Price Index (CPI) - All Urban Consumers (all items) represents the year-over-year changes in prices of all goods and services purchased for consumption by urban households and includes expenditures by urban wage earners and clerical workers, professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, retirees and others not in the labor force. This represents about 80 percent of the total U.S. population and is the broadest, most comprehensive measure of changes in prices of goods and services.

### **South Carolina Retirement Systems Schedule of Investment Results**

	Fiscal Years ended June 30,	91 Day Treasury Bill Index	Cash Segment Returns <sup>1</sup>	Lehman Aggregate (Fixed Benchmark)	Fixed Income Segment Returns	S&P 500 Equity Index (Equity Benchmark)	Equity Segment Returns <sup>2</sup>	Consumer Price Index (CPI) <sup>3</sup>	Actuarial Assumed Rate of Return	Total Portfolio Returns
GARS	2006	3.99%	3.98%	-0.81%	-0.56%	8.64%	10.67%	4.33%	7.25%	4.70%
	2005	2.15%	1.99%	6.80%	7.83%	6.32%	7.24%	2.53%	7.25%	7.43%
	2004	-	-	0.33%	1.57%	19.10%	20.88%	3.27%	7.25%	9.41%
	2003	-	-	10.40%	13.85%	0.25%	-0.40%	2.11%	7.25%	10.49%
	2002	-	-	8.63%	7.51%	-17.99%	-17.32%	1.07%	7.25%	0.38%
	2001	-	-	11.23%	11.29%	-14.83%	-7.75%	3.25%	7.25%	7.28%
	2000	-	-	4.56%	4.29%	7.25%	10.23%	3.73%	7.25%	3.92%
	1999	-	-	3.13%	2.76%	-	5.44%	1.96%	7.25%	2.88%
	1998	-	-	10.54%	12.68%	-	-	1.68%	7.25%	12.68%
	1997	-	-	8.16%	8.49%	-	-	2.30%	7.25%	8.49%
	3-Year Annualized	2.36%	-	2.05%	2.89%	11.22%	12.88%	3.37%		7.16%
	5-Year Annualized	2.25%	-	4.98%	5.92%	2.49%	3.47%	2.65%		6.38%
	10-Year Annualized	3.81%	-	6.22%	6.87%	8.31%	-	2.62%		6.84%
JSRS	2006	3.99%	4.17%	-0.81%	0.57%	8.64%	10.55%	4.33%	7.25%	4.84%
	2005	2.15%	1.90%	6.80%	7.43%	6.32%	7.24%	2.53%	7.25%	7.30%
	2004	-	-	0.33%	1.79%	19.10%	20.88%	3.27%	7.25%	9.02%
	2003	-	-	10.40%	12.07%	0.25%	-0.40%	2.11%	7.25%	9.42%
	2002	-	-	8.63%	8.38%	-17.99%	-17.32%	1.07%	7.25%	1.50%
	2001	-	-	11.23%	11.46%	-14.83%	-7.75%	3.25%	7.25%	7.66%
	2000	-	-	4.56%	3.08%	7.25%	10.23%	3.73%	7.25%	3.65%
	1999	-	-	3.13%	2.52%	-	5.44%	1.96%	7.25%	2.64%
	1998	-	-	10.54%	13.06%	-	-	1.68%	7.25%	13.06%
	1997	-	-	8.16%	8.70%	-	-	2.30%	7.25%	8.70%
	3-Year Annualized	2.36%	-	2.05%	3.22%	11.22%	12.80%	3.37%		7.02%
	5-Year Annualized	2.25%	-	4.98%	5.96%	2.49%	3.40%	2.65%		6.37%
	10-Year Annualized	3.81%	-	6.22%	6.93%	8.31%	-	2.62%		6.83%

<sup>&</sup>lt;sup>1</sup>Effective July 1, 2004, a 2 percent (approximately) portion of the aggregate fixed income portfolio was segmented into a liquidity pool of short duration investments to more efficiently manage cash flows.

Note: Calculations were prepared using a time-weighted, market rate of return in accordance with the Chartered Financial Analyst (CFA) Institute's performance presentation standards.

<sup>&</sup>lt;sup>2</sup>Equity segment funded June 1999.

<sup>&</sup>lt;sup>3</sup>Measure of the Consumer Price Index (CPI) - All Urban Consumers (all items) represents the year-over-year changes in prices of all goods and services purchased for consumption by urban households and includes expenditures by urban wage earners and clerical workers, professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, retirees and others not in the labor force. This represents about 80 percent of the total U.S. population and is the broadest, most comprehensive measure of changes in prices of goods and services.

### South Carolina Retirement Systems Schedule of Investment Results<sup>1</sup>

				Lehman	Fixed	S&P 500			Actuarial	
	Fiscal Years ended June 30,	91 Day Treasury Bill Index	Cash Segment Returns	Aggregate (Fixed Benchmark)	Income Segment Returns	Equity Index (Equity Benchmark)	Equity Segment Returns	Consumer Price Index (CPI) <sup>2</sup>	Assumed Rate of Return	Total Portfolio Returns
NGRS	2006	3.99%	-	-0.81%	1.69%	8.64%	-	4.33%	7.25%	1.72%
	3-Year Annualized	2.36%	-	2.05%	-	11.22%	-	3.37%		-
	5-Year Annualized	2.25%	-	4.98%	-	2.49%	-	2.65%		-
	10-Year Annualized	3.81%	-	6.22%	-	8.31%	-	2.62%		-

Note: Calculations were prepared using a time-weighted, market rate of return in accordance with the Chartered Financial Analyst (CFA) Institute's performance presentation standards.

<sup>&</sup>lt;sup>1</sup>The South Carolina Retirement Systems did not assume administrative responsibilities for the National Guard Retirement System until January 1, 2006; therefore, prior year data is not presented.

<sup>&</sup>lt;sup>2</sup>Measure of the Consumer Price Index (CPI) - All Urban Consumers (all items) represents the year-over-year changes in prices of all goods and services purchased for consumption by urban households and includes expenditures by urban wage earners and clerical workers, professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, retirees and others not in the labor force. This represents about 80 percent of the total U.S. population and is the broadest, most comprehensive measure of changes in prices of goods and services.

#### South Carolina Retirement Systems Equity Performance Summary For the Periods Ended June 30, 2006

	Quarter <u>Return</u>	One Year <u>Return</u>	Three Years <u>Return</u>	Five Years <u>Return</u>
Total Equity Portfolio	-2.67%	10.34%	12.67%	3.33%
Total Equity Index	-2.2%	10.0%	12.8%	3.8%
Russell 3000 Index	-2.0%	9.6%	12.6%	3.5%
S&P 500 Index - Total Return Index (S&P Calc)	-1.4%	8.6%	11.2%	2.5%
Passive Equity State Street Global Advisors - S&P 500 Index Fund	1 40/	0.60/	11 20/	2 40/
Rank vs. Mercer US Equity Large Cap Core Universe Mercer US Equity Large Cap Core Universe Median	-1.4%	8.6%	11.2%	2.4%
S&P 500 Index - Total Return Index (S&P Calc)	-1.6% -1.4%	9.6% 8.6%	12.5% 11.2%	4.0% 2.5%
State Street Global Advisors - Russell 2000 Index Fund Rank vs. Mercer US Equity Small Cap Core Universe	-5.0%			
Mercer US Equity Small Cap Core Universe Median	-4.7%	14.9%	19.7%	11.8%
Russell 2000 Index	-5.0%	14.6%	18.7%	8.5%
Total Author Free to				
Total Active Equity Russell 3000 Index	-3.4%	12.1%	13.9%	3.9%
S&P 500 Index - Total Return Index (S&P Calc)	-2.0%	9.6%	12.6%	3.5%
Total Active Equity Index	-1.4% -2.8%	8.6% 11.0%	11.2% 14.2%	2.5% 4.9%
roun round Equity mack	-2.070	11.070	14.2/0	7.5/0
<b>Total Active Large Cap Equity</b> Rank vs. Mercer US Equity Large Cap Equity Universe	-3.1%	9.1%	11.2%	2.6%
Mercer US Equity Large Cap Equity Universe Median	-1.7%	9.6%	12.9%	4.3%
Active Large Cap Equity Index	-1.6%	9.0%	11.9%	3.1%
<b>Large Cap Core Equity</b> Rank vs. Mercer US Equity Large Cap Core Universe	-0.8%	11.0%	12.5%	3.0%
Mercer US Equity Large Cap Core Universe Median	-1.6%	9.6%	12.5%	4.0%
S&P 500 Index - Total Return Index (S&P Calc)	-1.4%	8.6%	11.2%	2.5%
<b>Large Cap Growth Equity</b> Rank vs. Mercer US Equity Large Cap Growth Universe	-7.2%	9.0%	9.0%	-0.3%
Mercer US Equity Large Cap Growth Universe Median	-4.1%	7.6%	10.2%	0.9%
Russell 1000 Growth Index	-3.9%	6.1%	8.3%	-0.8%
Large Cap Value Equity	0.00/	10.60/	12.10/	F 20/
Rank vs. Mercer US Equity Large Cap Universe	-0.8%	10.6%	13.1%	5.2%
Mercer US Equity Large Cap Value Universe Median	-0.2%	11.7%	15.4%	7.2%
Russell 1000 Value Index	0.6%	12.1%	15.7%	6.9%
Total Active Smaller Cap Equity	4.0%	17.6%	20.3%	6.8%
Rank vs. Mercer US Equity Small Cap Universe Mercer US Equity Smaller Cap Universe Median	-4.7%	14.9%	10.70/	11 70/
Russell 2000 Index	-4.7 % -5.0%	14.6%	19.7% 18.7%	11.7% 8.5%
Smaller Cap Equity Index	-5.0%	14.4%	19.2%	9.0%
Consilled Cons Cons Front	/		/	
Smaller Cap Core Equity Rank vs. Mercer US Equity Small Cap Universe	-5.0%	17.4%	22.8%	10.4%
Mercer US Equity Small Cap Universe Median	-4.7%	14.9%	19.7%	11.7%
Russell 2000 Index	-5.0%	14.6%	18.7%	8.5%
Smaller Cap Growth Equity Rank vs. Mercer US Equity Small Cap Growth Universe	-5.1%	20.4%	15.7%	-1.8%
Mercer US Equity Small Cap Growth Universe Median	-6.6%	15.1%	17.9%	6.7%
Russell 2000 Growth Index	-7.3%	14.6%	16.3%	3.5%
<b>Smaller Cap Value Equity</b> Rank vs. Mercer US Equity Small Cap Value Universe	-2.2%	15.7%	21.8%	11.3%
Mercer US Equity Small Cap Value Universe Median	-3.1%	14.5%	21.6%	14.2%
Russell 2000 Value Index	-2.7%	14.6%	21.0%	13.1%

Data provided by Mercer Investment Consulting, Inc.

# South Carolina Retirement Systems Schedule of Investment Fees and Commissions For the Year Ended June 30, 2006

Market Value of Assets under Management at June 30, 2006<sup>1</sup>

Investment Managers' Fees:

Equity Managers' Fees (amounts expressed in thousands)

13,640,251

<u>Fees</u> 28,293

Other Investment Service Fees:

Bank Fees (amounts expressed in thousands)

1,544 \$ 29,837

Brokerage Firm	Number of Shares Traded	Commissions <sup>2</sup>	Average Commissions per Share
Condit Coines First Destar	10.574.000	¢ 520.266	0.0370
Credit Suisse First Boston	19,574,899	\$ 528,266	0.0270
Merrill Lynch Pierce Fenner & Smith Goldman Sachs & Co.	9,910,354 13,348,906	405,054 365,482	0.0409 0.0274
Citigroup Global Markets, Inc.	9,686,266	313,681	0.0274
			0.0324
Lehman Brothers Inc. USA Bear Stearns & Co., Inc.	11,210,428 8,010,263	296,644 284,208	0.0265
,	, , , , , , , , , , , , , , , , , , ,	265,727	0.0353
UBS Securities, LLC	7,299,876	213,825	
Morgan Stanley & Co., Inc.	7,080,531 7,137,599		0.0302 0.0289
Jefferies & Co., Inc.		206,382	
Banc/America Securities LLC	5,668,949	203,535	0.0359
Liquidnet Inc.	8,319,293	201,491	0.0242
Deutsche Banc/Alex Brown Inc.	6,509,330	197,359	0.0303
Cantor, Fitzgerald & Co., Inc.	5,454,595	194,961	0.0357
Bear Stearns Securities Corp.	5,017,349	172,957	0.0345
JP Morgan Securities Inc.	4,207,727	156,823	0.0373
Investment Technology Group	6,656,474	149,526	0.0225
Sanford C. Bernstein & Co. LLC	4,607,168	138,936	0.0302
Piper Jaffray & Co.	3,597,408	135,925	0.0378
McDonald Investments, Inc.	3,545,021	135,835	0.0383
Raymond James & Associates, Inc.	2,959,899	125,449	0.0424
CIBC World Markets Corp.	2,883,101	122,239	0.0424
Thomas Weisel Partners LLC	3,696,030	118,132	0.0320
Weeden & Company	5,095,620	114,607	0.0225
Cap Institutional Services, Inc.	4,687,171	103,753	0.0221
Wachovia Securities Capital Markets	2,179,516	96,158	0.0441
Keefe Bruyette & Woods Inc.	2,119,637	92,041	0.0434
Instinet Corporation	5,500,598	88,525	0.0161
Baird, Robert W. & Co. Inc.	1,996,873	88,379	0.0443
Jones & Associates, Inc.	2,778,943	87,749	0.0316
B-Trade Services, LLC	4,486,450	87,403	0.0195
First Albany Corporation	1,955,148	83,689	0.0428
National Financial Services Corp.	4,730,080	83,131	0.0176
First Clearing, LLC	2,323,708	77,313	0.0333
Vandham Securities Corp.	3,499,190	69,984	0.0200
BNY Brokerage Inc.	2,646,886	67,234	0.0254
Midwest Research Securities	1,418,999	64,938	0.0458
UBS Financial Services, Inc.	1,302,955	64,129	0.0492
Friedman, Billings & Ramsey	1,336,461	60,493	0.0453
Knight Securities	2,040,360	57,230	0.0280
Merrill Lynch Professional	2,301,584	56,777	0.0247
Adams, Harkness & Hill Inc.	1,276,167	55,435	0.0434
Edwards, A.G., & Sons	1,322,910	55,142	0.0417
RBC Dominion Securities Corp.	1,145,307	52,343	0.0457
Labranche Financial SVC Inc.	2,349,800	51,456	0.0219
Morgan Keegan & Co., Inc.	1,369,230	51,116	0.0373
All others <sup>3</sup>	52,047,572	1,594,087	0.0306
Data provided by the Bank of New York.	268,292,631	\$ 8,235,547	0.0307

<sup>&</sup>lt;sup>1</sup>Assets under management include categories classified as cash and cash equivalents for financial statement purposes.

<sup>&</sup>lt;sup>2</sup>Commssions paid to brokers are considered a part of the investment asset cost and are therefore not reported as expenses of the System.

<sup>&</sup>lt;sup>3</sup>Other brokers include 171 additional brokers each receiving less than \$50,000 in total commissions.

#### **South Carolina Retirement Systems**

#### **Schedule of Investment Managers and Fees for Equities** For the Year Ended June 30, 2006

(Amounts expressed in thousands)

. . . . . . . . . . .

			Market Value of Assets under	
		Initial	Management	
<b>Investment Manager</b>	<u>Style</u>	<b>Funding Date</b>	at June 30, 2006 <sup>1</sup>	<u>Fees</u>
State Street Global Advisors Boston, MA	Large Cap Passive S&P 500 Index Fund	June 16, 1999	\$ 6,442,663	\$ 173
Flippin, Bruce & Porter, Inc. Lynchburg, VA	Large Cap Value	March 2, 2000	239,657	861
AllianceBernstein, LP New York, NY	Large Cap Value	May 3, 2000	510,957	1,010
Aronson + Johnson + Ortiz, LP <sup>2</sup> Philadelphia, PA	Large Cap Value	September 21, 2005	650,504	-
Pzena Investment Management, LLC <sup>3</sup> New York, NY	Large Cap Value	September 21, 2005	408,648	1,353
Montag & Caldwell, Inc. <sup>4</sup> Atlanta, GA	Large Cap Growth	May 8, 2000	-	216
AllianceBernstein, LP New York, NY	Large Cap Growth	July 2, 2001	221,777	567
Legg Mason Capital Management, Inc. <sup>5</sup> Baltimore, MD	Large Cap Growth	September 21, 2005	382,059	1,209
Sands Capital Management, LP <sup>6</sup> Arlington, VA	Large Cap Growth	September 21, 2005	360,889	1,430
WCM Investment Management <sup>7</sup> Lake Forest, CA	Large Cap Growth	September 21, 2005	685,269	2,182
Wellington Management Company, LLP Boston, MA	Large Cap Core	March 15, 2000	715,534	2,827
Barclays Global Investors, NA San Francisco, CA	Large Cap Core	April 16, 2004	482,643	1,217
State Street Global Advisors Boston, MA	Small/Mid Cap Passive Russell 2000 Index Fund	October 1, 2001	392,078	98
J.L. Kaplan Associates, LLC <sup>8</sup> Boston, MA	Small Cap Value	October 29, 1999	-	1,500
Wells Capital Management, Inc. (Benson Value Team) Portland, OR	Small Cap Value	October 1, 2002	355,568	2,021
Integrity Asset Management, LLC Louisville, KY	Small Cap Value	March 15, 2005	148,664	866
Thompson, Siegel & Walmsley, Inc. Richmond, VA	Small Cap Value	March 15, 2005	222,523	1,335
TimesSquare Capital Management, LLC New York, NY	Small Cap Growth	October 1, 2002	324,402	2,312
Nicholas-Applegate Capital Management, LLC <sup>9</sup> San Diego, CA	Small Cap Growth	December 31, 2004	-	1,788
Batterymarch Financial Management, Inc. Boston, MA	Small Cap Growth	March 15, 2005	200,216	1,242
Turner Investment Partners, Inc. Berwyn, PA	Small Cap Growth	March 15, 2005	223,359	1,529
ClariVest Asset Management, LLC <sup>10</sup> San Diego, CA	Small Cap Growth	June 5, 2006	289,974	54
The Boston Company Asset Management, LLC <sup>11</sup> Boston, MA	Small Cap Core	November 17, 1999	-	318
Fidelity Management Trust Company Boston, MA	Small Cap Core	May 23, 2000	382,668	2,185
State Street Bank & Trust Co. (as Transition manager) <sup>12</sup> Boston, MA			199	
			\$ 13,640,251	\$ 28,293

<sup>&</sup>lt;sup>1</sup>Assets under management include categories classified as cash and cash equivalents for financial statement purposes.

<sup>&</sup>lt;sup>2</sup>Aronson + Johnson + Ortiz, LP, was funded September 2005. The manager's fee is calculated strictly on performance based on annualized returns and includes no base fee.

No fees are payable until after the first three full calendar quarters.

<sup>&</sup>lt;sup>3</sup>Pzena Investment Management, LLC, was funded September 2005. <sup>4</sup>The contract with Montag & Caldwell, Inc., was terminated September 2005.

<sup>&</sup>lt;sup>5</sup>Legg Mason Capital Management, Inc., was funded September 2005.

<sup>&</sup>lt;sup>6</sup>Sands Capital Management, LP, was funded September 2005.

<sup>&</sup>lt;sup>7</sup>WCM Investment Management was funded September 2005.

<sup>&</sup>lt;sup>8</sup>The contract with J. L. Kaplan Associates, LLC, was terminated May 2006.

<sup>&</sup>lt;sup>9</sup>The contract with Nicholas-Applegate Capital Management, LLC, was terminated June 2006. <sup>10</sup>ClariVest Asset Management, LLC, was funded June 2006.

<sup>&</sup>lt;sup>11</sup>The contract with The Boston Company Asset Management, LLC, was terminated August 2005.

<sup>12</sup>The balance held by State Street Bank & Trust Co. represents funds remaining at fiscal year-end during the transition from J. L. Kaplan Associates, LLC, to the S&P 500 fund.

- in-fla-tion (ĭn-flā'shən) A persistent and appreciable increase in the overall price level for goods and services. Inflation is often equated with diminishing purchasing power.
- ma-tur-i-ty (mɔ-tyoor' ĭ-tē) The date on which the principal balance of a loan becomes due and payable.
- sys·tem·at·ic risk (sĭs'tə-măt' ĭk rĭsk) The inherent risk of the market. Systematic risk cannot be reduced through diversification of the portfolio.



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November 17, 2006

State Budget and Control Board South Carolina Retirement Systems Columbia, South Carolina 29211

Re: Certification and Statement Regarding Actuarial Valuations as of July 1, 2005

Dear Members of the Board:

#### Applicable Laws

The laws governing the operation of the various Retirement Systems provide that actuarial valuations of the assets and liabilities of the Systems shall be made annually for the South Carolina Retirement System and the Police Officers Retirement System and no less frequently than biennially for the General Assembly Retirement System and the Judges and Solicitors Retirement System. At your request, we have conducted an annual actuarial valuation of each of the four separate Retirement Systems as of July 1, 2005.

#### **Funding Objective**

A funding objective of the Systems is that contribution rates will remain relatively level over time as a percentage of payroll. As these contribution rates are set by the Board, the valuation is used to determine the sufficiency of the contributions to maintain or improve the measures of the Systems' funding progress (i.e. funded ratio, funding period) and provide for the complete funding of all actuarial liabilities within 30 years.

#### **Funding Methodology**

The entry age normal actuarial cost method determines each system's normal cost, the cost of the current year's benefit accrual, as a level percentage of the active member's payroll. Additionally, the method determines the actuarial liability, the value of benefits already earned by active and retired members due to past service. A smoothing technique is utilized to produce a market-related actuarial value of assets with the goal of dampening the impact of investment return volatility. The *funded ratio* is the actuarial value of assets as a percentage of the actuarial liability.

An unfunded actuarial liability exists to the extent a System's actuarial liability exceeds its actuarial value of assets. The contribution amount in excess of a system's normal cost is the level percentage of payroll available to amortize an unfunded actuarial liability. The System's *funding period* is the resulting number of years necessary to fully amortize an unfunded actuarial liability with the available contributions.

#### **Assumptions**

Actuarial assumptions are necessary to estimate the future economic and demographic experience of the Systems. The actuarial assumptions were recommended by the prior actuary and adopted by the State Budget and Control Board based on a review of the System's experience completed during Fiscal Year 2004. We have reviewed these assumptions and believe they are reasonable.

The current actuarial assumptions and methods for each System are in accordance with the applicable Actuarial Standards of Practice, as well as the parameters set forth in the Governmental Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans.

The results and conclusions of this report are only valid for the July 1, 2005 plan year and should not be interpreted as applying in future years. Differences between our projections and actual amounts depend on the extent to which future experience conforms exactly to the assumptions used in this analysis. Actual amounts will differ from projected amounts to the extent that actual experience deviates from expected experience.

OFFICES IN PRINCIPAL CITIES WORLDWIDE



State Budget and Control Board South Carolina Retirement Systems November 17, 2006 Page 2

#### **Data Reliance**

In preparing the valuations, we, as the actuary, relied on data provided by the Systems. In fulfillment of the scope of our assignment, we performed a limited review of the data for consistency and reasonableness and did not find material defects in the census data. If there are material defects in the data, it is possible that they would be uncovered by a detailed, systematic review and comparison of the data to search for data values that are questionable or for relationships that are materially inconsistent. Such a review was beyond the scope of our assignment. If the underlying data or information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete.

#### Supporting Schedules

Our firm, as actuary, is responsible for the actuarial trend data in the financial section of the report and the supporting schedules in the actuarial section, beginning with the information for the July 1, 2004 to June 30, 2005 period. Information for previous years was supplied by other actuarial firms employed by the Systems at that time. Milliman's work product was prepared exclusively for the South Carolina Retirement Systems for a specific and limited purpose. It is a complex, technical analysis that assumes a high level of knowledge concerning the Systems' operations, and uses data, which Milliman has not audited. It is not for the use or benefit of any third party for any purpose. Any third party recipient of Milliman's work product who desires professional guidance should not rely upon Milliman's work product, but should engage qualified professionals for advice appropriate to its own specific needs.

#### Certification

Based on the results of the four July 1, 2005 valuations, we believe that the valuations appropriately reflect each plan's long term obligations and the current contribution levels are sufficient to fund the liabilities of each plan over a reasonable time frame, and based on these criteria may be deemed actuarially sound.

I, Robert Dezube, am a consulting actuary for Milliman. I am also a member of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein. On the basis of the foregoing, I certify that, to the best of my knowledge this report is complete and accurate and has been prepared in accordance with South Carolina's statutes and generally recognized and accepted actuarial principles and practices which are consistent with the principles prescribed by the Actuarial Standards Board (ASB) and the Code of Professional Conduct and Qualification Standards for Public Statements of Actuarial Opinion of the American Academy of Actuaries.

Respectfully submitted,

Milliman. Inc.

Robert S. Dezube, FSA, MAAA Principal and Consulting Actuary

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OFFICES IN PRINCIPAL CITIES WORLDWIDE

## **South Carolina Retirement System Valuation Balance Sheet**

			 uly 1, 2005
1.	<u> </u>	<u>Assets</u>	
	a.	Current Assets (Actuarial Value)	
		i) Employee Annuity Savings Fund	\$ 4,915,423
		ii) Employer Annuity Accumulation Fund	16,710,087
		iii) Total Current Assets	\$ 21,625,510
	b.	Present Value of Future Member Contributions	\$ 3,012,501
	c.	Present Value of Future Employer Contributions	
		i) Normal Contributions	\$ 2,074,066
		ii) Accrued Liability Contributions	8,591,961
		iii) Total Future Employer Contributions	\$ 10,666,027
	d.	<u>Total Assets</u>	\$ 35,304,038
2.	<u>Lia</u>	<u>abilities</u>	
	a.	Employee Annuity Savings Fund	
		i) Past Member Contributions	\$ 4,915,423
		ii) Present Value of Future Member Contributions	3,388,742
		iii) Total Contributions to Employee Annuity	 
		Savings Fund	\$ 8,304,165
	b.	Employer Annuity Accumulation Fund	
		i) Benefits Currently in Payment	\$ 16,891,954
		ii) Benefits to be Paid to Current Active Members	10,107,919
		iii) Total Benefits Payable from Employer Annuity	 
		Accumulation Fund	\$ 26,999,873
	c.	<u>Total Liabilities</u>	\$ 35,304,038

## **Police Officers Retirement System Valuation Balance Sheet**

1		anata	Ju	ıly 1, 2005
1.	<u> </u>	<u>assets</u>		
	a.	Current Assets (Actuarial Value)		
		i) Employee Annuity Savings Fund	\$	585,701
		ii) Employer Annuity Accumulation Fund		2,188,905
		iii) Total Current Assets	\$	2,774,606
	b.	Present Value of Future Member Contributions	\$	436,604
	c.	Present Value of Future Employer Contributions		
		i) Normal Contributions	\$	460,051
		ii) Accrued Liability Contributions		399,324
		iii) Total Future Employer Contributions	\$	859,375
	d.	<u>Total Assets</u>	\$	4,070,585
2.	<u>Lia</u>	bilities		
	a.	Employee Annuity Savings Fund		
		i) Past Member Contributions	\$	585,701
		ii) Present Value of Future Member Contributions		436,604
		iii) Total Contributions to Employee Annuity		
		Savings Fund	\$	1,022,305
	b.	Employer Annuity Accumulation Fund		
		i) Benefits Currently in Payment	\$	1,530,199
		ii) Benefits to be Paid to Current Active Members		1,518,081
		iii) Total Benefits Payable from Employer Annuity		
		Accumulation Fund	\$	3,048,280
	c.	<u>Total Liabilities</u>	\$	4,070,585

## **General Assembly Retirement System Valuation Balance Sheet**

			July	/ 1, 2005
1.	A	<u>assets</u>		
	a.	Current Assets (Actuarial Value)		
		i) Employee Annuity Savings Fund	\$	8,024
		ii) Employer Annuity Accumulation Fund		38,292
		iii) Total Current Assets	\$	46,316
	b.	Present Value of Future Member Contributions	\$	2,415
	c.	Present Value of Future Employer Contributions		
		i) Normal Contributions	\$	1,968
		ii) Accrued Liability Contributions		22,845
		iii) Total Future Employer Contributions	\$	24,813
	d.	<u>Total Assets</u>	\$	73,544
2.	<u>Lia</u>	<u>bilities</u>		
	a.	Employee Annuity Savings Fund		
		i) Past Member Contributions	\$	8,024
		ii) Present Value of Future Member Contributions*		2,415
		iii) Total Contributions to Employee Annuity		
		Savings Fund	\$	10,439
	b.	Employer Annuity Accumulation Fund		
		i) Benefits Currently in Payment	\$	51,353
		ii) Benefits to be Paid to Current Active Members		11,752
		iii) Total Benefits Payable from Employer Annuity		
		Accumulation Fund	\$	63,105
	c.	<u>Total Liabilities</u>	\$	73,544

<sup>\*</sup>Includes future special contributors

## Judges and Solicitors Retirement System Valuation Balance Sheet

1		aceta	Jul	ly 1, 2005
1.	<u> </u>	<u>assets</u>		
	a.	Current Assets (Actuarial Value)		
		i) Employee Annuity Savings Fund	\$	20,005
		ii) Employer Annuity Accumulation Fund		98,883
		iii) Total Current Assets	\$	118,888
	b.	Present Value of Future Member Contributions	\$	10,506
	c.	Present Value of Future Employer Contributions		
		i) Normal Contributions	\$	15,137
		ii) Accrued Liability Contributions		85,959
		iii) Total Prospective Employer Contributions	\$	101,096
	d.	<u>Total Assets</u>	\$	230,490
2.	<u>Lia</u>	<u>bilities</u>		
	a.	Employee Annuity Savings Fund		
		i) Past Member Contributions	\$	20,005
		ii) Present Value of Future Member Contributions		10,506
		iii) Total Contributions to Employee Annuity		
		Savings Fund	\$	30,511
	b.	Employer Annuity Accumulation Fund		
		i) Benefits Currently in Payment	\$	110,876
		ii) Benefits to be Paid to Current Active Members		89,103
		iii) Total Benefits Payable from Employer Annuity		
		Accumulation Fund	\$	199,979
	c.	<u>Total Liabilities</u>	\$	230,490

## South Carolina Retirement System Results of the Valuation as of July 1, 2005

(Dollar amounts expressed in thousands)

		July 1, 2005	
1.	Actuarial Present Value of Future Benefits		
	<ul><li>a. Present Retired Members and Beneficiaries</li><li>b. Present Active and Inactive Members</li></ul>	\$	16,891,954 18,412,084
	c. Total Actuarial Present Value	\$	35,304,038
2.	Present Value of Future Normal Contributions		
	a. Employee b. Employer	\$	3,055,430 2,031,137
	c. Total Future Normal Contributions	\$	5,086,567
3.	Actuarial Liability	\$	30,217,471
4.	<u>Current Actuarial Value of Assets</u>	\$	21,625,510
5.	<u>Unfunded Actuarial Liability</u>	\$	8,591,961
6.	<u>Unfunded Actuarial Liability Rates</u>		
	a. Active Members		3.32%
	<ul><li>b. TERI Members</li><li>c. ORP Members</li></ul>		13.80% 2.55%
	d. Reemployed Members		13.80%
7.	Unfunded Actuarial Liability Liquidation Period		30 years

### **Police Officers Retirement System** Results of the Valuation as of July 1, 2005 (Dollar amounts expressed in thousands)

		July 1, 2005		
1.	Actuarial Present Value of Future Benefits			
	<ul><li>a. Present Retired Members and Beneficiaries</li><li>b. Present Active and Inactive Members</li></ul>	\$	1,530,199 2,540,386	
	c. Total Actuarial Present Value	\$	4,070,585	
2.	Present Value of Future Normal Contributions			
	<ul><li>a. Employee</li><li>b. Employer</li></ul>	\$	436,604 460,051	
	c. Total Future Normal Contributions	\$	896,655	
3.	Actuarial Liability	\$	3,173,930	
4.	<u>Current Actuarial Value of Assets</u>	\$	2,774,606	
5.	<u>Unfunded Actuarial Liability</u>	\$	399,324	
6.	<u>Unfunded Actuarial Liability Rates</u>		3.18%	
7.	Unfunded Actuarial Liability Liquidation Period		15 years	

#### General Assembly Retirement System Results of the Valuation as of July 1, 2005 (Dollar amounts expressed in thousands)

			y 1, 2005
1.	Actuarial Present Value of Future Benefits		
	<ul><li>a. Present Retired Members and Beneficiaries</li><li>b. Present Active and Inactive Members</li></ul>	\$	51,353 22,191
	c. Total Actuarial Present Value	\$	73,544
2.	Present Value of Future Normal Contributions		
	<ul><li>a. Employee</li><li>b. Special Contributors</li></ul>	\$	2,117 297
	c. Employer		1,969
	d. Total Future Normal Contributions	\$	4,383
3.	Actuarial Liability	\$	69,161
4.	Current Actuarial Value of Assets	\$	46,316
5.	<u>Unfunded Actuarial Liability</u>	\$	22,845
6.	Unfunded Actuarial Liability Liquidation Period		20 years

#### Judges and Solicitors Retirement System Results of the Valuation as of July 1, 2005 (Dollar amounts expressed in thousands)

		Jul	y 1, 2005
1.	Actuarial Present Value of Future Benefits		
	<ul><li>a. Present Retired Members and Beneficiaries</li><li>b. Present Active and Inactive Members</li></ul>	\$	110,876 119,614
	c. Total Actuarial Present Value	\$	230,490
2.	Present Value of Future Normal Contributions		
	a. Employee b. Employer	\$	10,506 15,137
	c. Total Future Normal Contributions	\$	25,643
3.	Actuarial Liability	\$	204,847
4.	<u>Current Actuarial Value of Assets</u>	\$	118,888
5.	<u>Unfunded Actuarial Liability</u>	\$	85,959
6.	<u>Unfunded Actuarial Liability Rates</u>		27.66%
7.	Unfunded Actuarial Liability Liquidation Period		36 years

Note: On May 16, 2006, the Budget and Control Board adopted the recommended employer increase effective July 1, 2007. This was necessary to maintain a 30-year amortization period.

## South Carolina Retirement System Summary of Actuarial Assumptions and Methods

#### 1. <u>Investment Return to be Earned by Fund</u>

7.25 percent per annum, compounded annually, composed of an assumed 3.00 percent inflation rate and a 4.25 percent real rate of return, net of investment and administrative expenses.

#### 2. <u>Salary Increases</u>

Salary increases are assumed in accordance with the following representative rates:

	Annual I		Annual Increase		
Years of Service			Years of Service	General Employees	Teachers
0	8.00%	8.00%	8	4.50%	4.75%
1	5.75%	8.00%	9	4.50%	4.75%
2	5.00%	5.50%	10	4.25%	4.75%
3	4.75%	5.25%	11	4.25%	4.50%
4	4.50%	5.00%	12	4.25%	4.40%
5	4.50%	5.00%	13	4.25%	4.40%
6	4.50%	5.00%	14	4.25%	4.40%
7	4.50%	4.75%	15+	4.00%	4.00%

#### 3. Decrement Rates

		Annual Rates of						
			ed Service ement*	Reduced Service Retirement				
	<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>			
<b>Employees</b>	50	12%	14%					
	55	15%	18%	5%	10%			
	60	20%	20%	5%	11%			
	61	20%	20%	15%	15%			
	62	30%	35%	27%	28%			
	63	30%	30%	16%	20%			
	64	30%	35%	22%	20%			
	65	40%	40%					
	66	20%	25%					
	67	20%	25%					
	68	20%	25%					
	69	20%	25%					
	70	100%	100%					
Teachers	50	14%	15%					
	55	18%	25%	6%	9%			
	60	25%	25%	14%	15%			
	61	30%	40%	18%	20%			
	62	20%	35%	25%	25%			
	63	20%	25%	28%	20%			
	64	35%	30%	28%	30%			
	65	45%	40%					
	66	23%	23%					
	67	23%	23%					
	68	23%	23%					
	69	23%	23%					
	70	100%	100%					

\*Plus the following percentage in the year when they first become eligible for unreduced service retirement before age 65.

	General	
	<b>Employees</b>	<u>Teachers</u>
Male	30%	40%
Female	45%	40%

#### b. <u>In-Service Mortality and Disability</u>

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		Mort	ality		Disability					
	<u>Empl</u>	<u>oyees</u>	<u>Teachers</u>		<b>Employees</b>		<u>Teachers</u>			
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>		
25	0.04%	0.01%	0.03%	0.01%	0.06%	0.05%	0.04%	0.05%		
30	0.04%	0.02%	0.03%	0.01%	0.12%	0.07%	0.06%	0.07%		
35	0.08%	0.03%	0.06%	0.03%	0.17%	0.15%	0.08%	0.07%		
40	0.11%	0.05%	0.08%	0.04%	0.29%	0.19%	0.16%	0.13%		
45	0.15%	0.07%	0.11%	0.06%	0.40%	0.27%	0.26%	0.26%		
50	0.21%	0.11%	0.16%	0.09%	0.58%	0.46%	0.42%	0.42%		
55	0.30%	0.16%	0.23%	0.14%	0.92%	0.74%	0.68%	0.68%		
60	0.49%	0.26%	0.37%	0.22%	1.15%	1.12%	1.05%	1.05%		
64	0.70%	0.35%	0.53%	0.30%	1.44%	1.56%	1.31%	1.31%		

#### c. Withdrawal Rates

#### **Probability of Decrement Due to Withdrawal**

	Years of Service - Male Teachers										
Age	0	1	2	3	4	5	6	7	8	9	10+
25	0.2964	0.2029	0.1384	0.0973	0.0721	0.0578	0.0513	0.0508	0.0518	0.0538	0.0560
30	0.2721	0.1922	0.1356	0.0990	0.0776	0.0662	0.0607	0.0577	0.0538	0.0477	0.0387
35	0.2531	0.1823	0.1316	0.0990	0.0805	0.0708	0.0657	0.0611	0.0540	0.0429	0.0273
40	0.2371	0.1730	0.1271	0.0979	0.0817	0.0730	0.0679	0.0619	0.0529	0.0390	0.0199
45	0.2239	0.1649	0.1228	0.0960	0.0811	0.0726	0.0669	0.0600	0.0503	0.0359	0.0167
50	0.2135	0.1587	0.1192	0.0936	0.0787	0.0698	0.0628	0.0553	0.0460	0.0335	0.0174
55	0.2063	0.1549	0.1168	0.0908	0.0742	0.0645	0.0557	0.0479	0.0401	0.0317	0.0222
60	0.1996	0.1518	0.1143	0.0865	0.0669	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

#### **Probability of Decrement Due to Withdrawal**

Years of Service - Female Teachers											
Age	0	1	2	3	4	5	6	7	8	9	10+
25	0.2299	0.1608	0.1209	0.1006	0.0892	0.0841	0.0827	0.0802	0.0731	0.0660	0.0601
30	0.2269	0.1664	0.1260	0.1015	0.0878	0.0802	0.0751	0.0696	0.0618	0.0527	0.0426
35	0.2171	0.1597	0.1208	0.0966	0.0830	0.0748	0.0682	0.0615	0.0536	0.0434	0.0303
40	0.2045	0.1477	0.1106	0.0885	0.0759	0.0683	0.0616	0.0551	0.0475	0.0368	0.0215
45	0.1930	0.1361	0.1001	0.0798	0.0685	0.0619	0.0561	0.0504	0.0435	0.0329	0.0163
50	0.1866	0.1296	0.0937	0.0738	0.0633	0.0570	0.0523	0.0478	0.0417	0.0317	0.0154
55	0.1879	0.1308	0.0935	0.0727	0.0626	0.0543	0.0509	0.0474	0.0420	0.0331	0.0190
60	0.1948	0.1379	0.0986	0.0758	0.0660	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

**Probability of Decrement Due to Withdrawal** 

	Years of Service - Male Employees										
Age	0	1	2	3	4	5	6	7	8	9	10+
25	0.3288	0.2466	0.1902	0.1554	0.1345	0.1166	0.0963	0.0783	0.0650	0.0595	0.0662
30	0.2939	0.2211	0.1726	0.1425	0.1236	0.1089	0.0951	0.0821	0.0704	0.0603	0.0530
35	0.2678	0.1997	0.1553	0.1285	0.1122	0.1010	0.0916	0.0822	0.0716	0.0586	0.0424
40	0.2456	0.1804	0.1384	0.1140	0.1002	0.0922	0.0861	0.0791	0.0695	0.0549	0.0335
45	0.2257	0.1636	0.1233	0.1003	0.0882	0.0825	0.0781	0.0727	0.0639	0.0493	0.0266
50	0.2082	0.1501	0.1115	0.0891	0.0774	0.0717	0.0675	0.0626	0.0547	0.0419	0.0224
55	0.1942	0.1410	0.1041	0.0814	0.0691	0.0600	0.0543	0.0488	0.0419	0.0328	0.0212
60	0.1827	0.1351	0.1002	0.0770	0.0632	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

**Probability of Decrement Due to Withdrawal** 

	Years of Service - Female Employees										
Age	0	1	2	3	4	5	6	7	8	9	10+
25	0.2981	0.2459	0.2060	0.1772	0.1560	0.1385	0.1248	0.1159	0.1094	0.1030	0.0940
30	0.2710	0.2236	0.1864	0.1591	0.1395	0.1253	0.1145	0.1059	0.0970	0.0853	0.0688
35	0.2506	0.2015	0.1657	0.1410	0.1244	0.1130	0.1042	0.0958	0.0857	0.0712	0.0505
40	0.2329	0.1803	0.1451	0.1233	0.1101	0.1010	0.0935	0.0854	0.0748	0.0592	0.0367
45	0.2172	0.1622	0.1275	0.1080	0.0972	0.0894	0.0825	0.0746	0.0644	0.0493	0.0276
50	0.2041	0.1493	0.1151	0.0966	0.0864	0.0787	0.0715	0.0637	0.0543	0.0414	0.0234
55	0.1946	0.1429	0.1091	0.0895	0.0778	0.0688	0.0605	0.0526	0.0445	0.0353	0.0240
60	0.1873	0.1412	0.1079	0.0855	0.0701	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Note: No probability of withdrawal is applied to members eligible to retire.

#### 4. <u>Mortality After Retirement</u>

For healthy retirees and beneficiaries, the UP-94 Mortality Table rates is used, with the female rates set back one year. A separate table of mortality rates is used for disabled retirees. The following are sample rates:

	Hea	lthy	Disa	bled
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
50	0.28%	0.14%	3.06%	2.31%
55	0.48%	0.22%	3.86%	2.66%
60	0.86%	0.42%	4.82%	2.98%
65	1.56%	0.82%	5.42%	3.33%
70	2.55%	1.37%	5.91%	3.70%
75	4.00%	2.19%	6.74%	4.43%
80	6.67%	3.80%	9.02%	6.71%
85	10.46%	6.56%	13.45%	10.15%

#### 5. <u>Marriage Assumption</u>

One hundred percent of all active members are assumed to be married, with female spouses being three years younger.

#### 6. Asset Valuation Method

The actuarial value of assets is equal to the market value of assets less a five-year phase in of the excess (shortfall) between expected investment return and actual net income (both based on market value) with the resulting value not being less than 80 percent or more than 120 percent of the market value of assets.

#### 7. <u>Cost Methods</u>

#### a. Normal Retirement, Termination, Death and Disability Benefits

The contribution rate is set by statute for employees and by the South Carolina Budget and Control Board for the employers. The funding period is determined, as described below, using the Entry Age Normal actuarial cost method.

The Entry Age Normal actuarial cost method assigns the plan's total unfunded liabilities (the actuarial present value of future benefits less the actuarial value of assets) to various periods. The unfunded actuarial liability is assigned to years prior to the valuation, and the normal cost is assigned to the year following the valuation. The remaining costs are the normal costs for future years. Then each year's contribution is composed of (i) that year's normal cost, plus (ii) a payment used to reduce the unfunded actuarial liability.

The normal cost is the level (as a percentage of pay) contribution required to fund the benefits for all current members. Part of the normal cost is paid from the employees' own contributions. The employers pay the balance from their contributions. The method used for this valuation sets the present value of future normal costs that are to be paid by the employees as 6.25 percent of the value of the current year's earnings plus 6.50 percent of their present value of future earnings after June 30, 2006.

The actuarial liability is the difference between the total present value of future benefits and the actuarial present value of future normal costs. The unfunded actuarial liability is the excess of the actuarial liability over the actuarial value of assets.

The balance of the employers' contributions – the remainder after paying their share of the normal cost – is used to reduce the unfunded actuarial liability. The calculation of the amortization period takes into account increases to contribution rates applicable to future years, payroll growth, and the results are rounded to the nearest year. Also, the calculation of the amortization period reflects additional contributions the System receives with respect to TERI participants, ORP participants, and return-to-work retirees. These contributions are assumed to grow at the same payroll growth rate as for active SCRS employees.

It is assumed that amortization payments are made monthly at the end of the month.

#### b. Group Life Insurance Benefit

One-year term cost method.

#### 8. Unused Annual Leave

To account for the effect of unused annual leave on Average Final Compensation, liabilities for active members are increased 2.14 percent.

#### 9. Unused Sick Leave

To account for the effect of unused sick leave on members' final credited service, the service of active members who retire is increased three months.

#### 10. Future Cost-of-Living Increases

Benefits are assumed to increase 1 percent annually beginning on the July 1st next following receipt of 12 monthly payments.

#### 11. Administrative and Investment Expenses

The investment return assumption represents the expected return net of all administrative and investment expenses.

#### 12. Payroll Growth Rate

4.00 percent per annum.

#### 13. <u>Valuation of Teachers and Employees Retention Incentive (TERI)</u>

We have assumed 80 percent of all members elect TERI coverage when they are first eligible for an unreduced retirement benefit before age 65. We assume members in the TERI program are exposed to adjusted retirement rates during TERI coverage and we assume 100 percent terminate employment at the end of the TERI period (five years). The retirement rate is adjusted by the following schedule based on number of years since entering TERI:

Years Since Entering TERI Program	Multiple of Unreduced Retirement Table				
0.00 - 0.99	50%				
1.00 - 1.99	65%				
2.00 - 2.99	80%				
3.00 - 3.99	90%				
4.00 - 4.99	100%				
5.00	All members assumed to retire immediately				

#### 14. Changes from Prior Valuation

- 1. In the prior valuation, the value of benefits for current and future TERI participants were funded from their date of hire to the date they were expected to exit the TERI program, resulting in a normal cost during the TERI period. Beginning with the July 1, 2005, valuation, the current and future TERI participants' benefits are funded from their date of hire to the date they are expected to enter TERI resulting in no normal cost during the TERI period.
- 2. The liability for non-vested terminated participants identified in the data is equal to their accumulated contributions with interest. In prior valuations, the data was insufficient to identify these participants.

#### 15. Adoption Date

The current actuarial assumptions and methods were adopted by the State Budget and Control Board on April 20, 2004.

### **South Carolina Retirement System** Development of Actuarial Value of Assets (Amounts expressed in thousands)

	I	Item						
1.	Excess (Shortfall) of Investment and Previous Three Years:  a. Current Year	nt Income for Current Year	\$	(14,499)				
	b. Current Year - 1 c. Current Year - 2		Ψ	330,912 319,064				
	d. Current Year - 3		\$	(1,179,755)				
2.	Deferral of Excess (Shortfall) of a. Current Year b. Current Year - 1 c. Current Year - 2 d. Current Year - 3 e. Total Deferred for Year	f Investment Income for: (80% Deferral) (60% Deferral) (40% Deferral) (20% Deferral)	\$ \$	(11,599) 198,547 127,626 (235,951) 78,623				
3.	Market Value of Plan Assets, E	ind of Year	\$	21,704,133				
4.	Preliminary Actuarial Value of (Item 3 - Item 2.e.)	Plan Assets, End of Year	\$	21,625,510				
5.	Actuarial Value of Assets Corria. 80% of Market Value of Ab. 120% of Market Value of	ssets, End of Year	\$ \$	17,363,306 26,044,960				
6.	Final Actuarial Value of Plan A But Not Less Than Item 5.a., o		\$	21,625,510				

## **Police Officers Retirement System Summary of Actuarial Assumptions and Methods**

#### 1. <u>Investment Return to be Earned by Fund</u>

7.25 percent per annum, compounded annually, composed of an assumed 3.00 percent inflation rate and a 4.25 percent real rate of return, net of investment and administrative expenses.

#### 2. <u>Salary Increases</u>

Salary increases are assumed in accordance with the following representative rates:

Years of Service	Annual <u>Increase</u>	Years of <u>Service</u>	Annual Increase
0	11.50%	8	4.75%
1	6.75%	9	4.75%
2	5.75%	10	4.75%
3	5.50%	11	4.75%
4	5.25%	12	4.50%
5	5.00%	13	4.50%
6	4.75%	14	4.50%
7	4.75%	15+	4.50%

#### 3. Decrement Rates

The following are representative values of the assumed annual rates of withdrawal, inservice mortality, disability, and service retirement.

**Annual Rates of** 

Age	Service Retirement*	Mortality	Disability
20		0.03%	0.12%
25		0.03%	0.14%
30		0.04%	0.18%
35		0.07%	0.35%
40		0.10%	0.46%
45	20.00%	0.14%	0.69%
50	20.00%	0.19%	0.86%
55	14.00%	0.27%	
60	15.00%	0.44%	
64	25.00%	0.63%	

<sup>\*</sup>Plus an additional 22 percent for participants under age 55 in year when first eligible for unreduced service retirement.

All employees are assumed to retire at age 65. In addition, 25 percent of disabilities are assumed to be duty related, and 5 percent of pre-retirement deaths are assumed to be accidental (duty-related).

Note: No probability of withdrawal is applied to members eligible to retire.

#### **Probability of Decrement Due to Withdrawal**

Years of Service											
Age	0	1	2	3	4	5	6	7	8	9	10+
25	0.2494	0.1816	0.1342	0.1047	0.0885	0.0780	0.0715	0.0640	0.0545	0.0524	0.0618
30	0.2478	0.1822	0.1376	0.1107	0.0959	0.0876	0.0810	0.0732	0.0633	0.0545	0.0481
35	0.2450	0.1795	0.1359	0.1104	0.0967	0.0899	0.0837	0.0763	0.0665	0.0539	0.0381
40	0.2398	0.1739	0.1304	0.1055	0.0927	0.0868	0.0814	0.0747	0.0653	0.0510	0.0305
45	0.2312	0.1649	0.1212	0.0964	0.0845	0.0783	0.0738	0.0681	0.0595	0.0458	0.0256
50	0.2193	0.1532	0.1090	0.0839	0.0730	0.0646	0.0610	0.0564	0.0490	0.0382	0.0236
55	0.2050	0.1393	0.0944	0.0684	0.0587						
60	0.1871	0.1228	0.0773	0.0503	0.0419						

#### 4. <u>Mortality After Retirement</u>

For healthy retirees and beneficiaries, the UP-94 Mortality Table rates is used, with female rates set back one year and male rates set forward three years. A separate table of mortality rates is used for disabled retirees. The following are sample rates for the retirees and beneficiaries:

	Hea	lthy	Disabled
Age	Male Female		All
50	0.39%	0.14%	2.30%
55	0.68%	0.22%	2.89%
60	1.23%	0.42%	3.62%
65	2.14%	0.82%	4.07%
70	3.35%	1.37%	4.43%
75	5.40%	2.19%	5.05%
80	8.87%	3.80%	6.77%
85	13.65%	6.56%	10.09%

#### 5. Marriage Assumption

One hundred percent of all active members are assumed to be married, with female spouses being four years younger.

#### 6. Asset Valuation Method

The actuarial value of assets is equal to the market value of assets less a five-year phase in of the excess (shortfall) between expected investment return and actual net income (both based on market value) with the resulting value not being less than 80 percent or more than 120 percent of the market value of assets.

#### 7. Cost Methods

#### a. Normal Retirement, Termination, Death and Disability Benefits

Projected benefit method with level percentage entry age normal cost. Gains and losses are reflected in the period remaining to liquidate the unfunded actuarial liability. The resulting amortization period is based upon payments level as a percentage of payroll and the results are rounded to the nearest year. We completed a separate valuation of the accidental (duty-related) death benefit.

#### b. Group Life Insurance Benefit and Accidental Death Benefits

One-year term cost method.

#### 8. Unused Annual Leave

To account for the effect of unused annual leave on Average Final Compensation, liabilities for active members are increased 3.75 percent.

#### 9. <u>Unused Sick Leave</u>

To account for the effect of unused sick leave on members' final credited service, the service of active members who retire is increased three months.

#### 10. <u>Future Cost-of-Living Increases</u>

None assumed.

#### 11. Administrative and Investment Expenses

The investment return assumption represents the expected return net of all administrative and investment expenses.

#### 12. Payroll Growth Rate

4.00 percent per annum.

#### 13. Change from Prior Valuation

None.

#### 14. Adoption Date

The current actuarial assumptions and methods were adopted by the State Budget and Control Board on April 20, 2004.

### **Police Officers Retirement System** Development of Actuarial Value of Assets (Amounts expressed in thousands)

	Item	Valuation as of July 1, 2005		
	nem		uly 1, 2005	
1.	Excess (Shortfall) of Investment Income for Current Year and Previous Three Years: a. Current Year b. Current Year - 1 c. Current Year - 2 d. Current Year - 3	\$	(18,170) 31,828 57,490 (143,238)	
2.	Deferral of Excess (Shortfall) of Investment Income for: a. Current Year (80% Deferral) b. Current Year - 1 (60% Deferral) c. Current Year - 2 (40% Deferral) d. Current Year - 3 (20% Deferral) e. Total Deferred for Year	\$	(14,536) 19,097 22,996 (28,648) (1,091)	
3.	Market Value of Plan Assets, End of Year	\$	2,773,515	
4.	Preliminary Actuarial Value of Plan Assets, End of Year (Item 3 - Item 2.e.)	\$	2,774,606	
5.	Actuarial Value of Assets Corrider a. 80% of Market Value of Assets, End of Year b. 120% of Market Value of Assets, End of Year	\$ \$	2,218,812 3,328,218	
6.	Final Actuarial Value of Plan Assets, End of Year (Item 4., But Not Less Than Item 5.a., or Greater Than Item 5.b.)	\$	2,774,606	

## General Assembly Retirement System Summary of Actuarial Assumptions and Methods

#### 1. <u>Investment Return to be Earned by Fund</u>

7.25 percent per annum, compounded annually, composed of an assumed 3.00 percent inflation rate and a 4.25 percent real rate of return, net of investment and administrative expenses.

#### 2. <u>Salary Increases</u>

None assumed.

#### 3. Decrement Rates

The following are representative values of the assumed annual rates of in-service mortality, disability, and service retirement. No withdrawals are assumed. All members who are not re-elected are assumed to continue paying the member rate as a special contributor.

#### a. <u>Unreduced Service Retirement</u>

<u>Age</u>	Rates of Retirement
60 & under	40%
61	7%
62	7%
63	7%
64	7%
65	15%
66	15%
67	15%
68	15%
69	15%
70 & older	100%

In addition, members with 30 years of service are assumed to commence benefit payments immediately even if they do not terminate employment.

#### b. <u>In-service Mortality and Disability</u>

**Annual Rates of** 

	Mor	tality	Disa	bility	
	Empl	<u>oyees</u>	<u>Employees</u>		
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	
25	0.04%	0.01%	0.06%	0.05%	
30	0.04%	0.02%	0.12%	0.07%	
35	0.08%	0.03%	0.17%	0.15%	
40	0.11%	0.05%	0.29%	0.19%	
45	0.15%	0.07%	0.40%	0.27%	
50	0.21%	0.11%	0.58%	0.46%	
55	0.30%	0.16%	0.92%	0.74%	
60	0.49%	0.26%	1.15%	1.12%	
64	0.70%	0.35%	1.44%	1.56%	

#### 4. Mortality After Retirement

For healthy retirees and beneficiaries, the UP-94 Mortality Table rates, with the female rates set back one year. A separate table of mortality rates is used for disabled retirees. The following are sample rates:

	Healthy		Disa	abled
Age	Male Female		Male	Female
50	0.28%	0.14%	3.06%	2.31%
55	0.48%	0.22%	3.86%	2.66%
60	0.86%	0.42%	4.82%	2.98%
65	1.56%	0.82%	5.42%	3.33%
70	2.55%	1.37%	5.91%	3.70%
75	4.00%	2.19%	6.74%	4.43%
80	6.67%	3.80%	9.02%	6.71%
85	10.46%	6.56%	13.45%	10.15%

#### 5. <u>Marriage Assumption</u>

One hundred percent of all active and special contributor members are assumed to be married, with female spouses being four years younger.

#### 6. Asset Valuation Method

The actuarial value of assets is equal to the market value of assets less a five-year phase in of the excess (shortfall) between expected investment return and actual net income (both based on market value) with the resulting value not being less than 80 percent or more than 120 percent of the market value of assets.

#### 7. Cost Method

Projected benefit method with level percentage entry age normal cost and close-end unfunded actuarial accrued liability. Gains and losses are amortized over the closed period.

#### 8. Cost-of-Living Increases

None assumed.

#### 9. Payroll Growth Rate

None assumed.

#### 10. Administrative and Investment Expenses

The investment return assumption represents the expected return net of all administrative and investment expenses.

#### 11. Changes from Prior Valuation

None.

#### 12. Adoption Date

The current actuarial assumptions and methods were adopted by the State Budget and Control Board on May 4, 2004.

# General Assembly Retirement System Development of Actuarial Value of Assets (Amounts expressed in thousands)

	Item	Valuation as of July 1, 2005	
	Rem		<del>, 1, 2003</del>
1.	Excess (Shortfall) of Investment Income for Current Year and Previous Three Years:		
	<ul><li>a. Current Year</li><li>b. Current Year - 1</li></ul>	\$	(9) 927
	c. Current Year - 2 d. Current Year - 3	\$	1,068 (3,065)
2.	Deferral of Excess (Shortfall) of Investment Income for:		
	a. Current Year (80% Deferral) b. Current Year - 1 (60% Deferral)	\$	(7) 556
	c. Current Year - 2 (40% Deferral) d. Current Year - 3 (20% Deferral)		427 (613)
	e. Total Deferred for Year	\$	363
3.	Market Value of Plan Assets, End of Year	\$	46,679
4.	Preliminary Actuarial Value of Plan Assets, End of Year (Item 3 - Item 2.e.)	\$	46,316
5.	Actuarial Value of Assets Corrider		
	<ul><li>a. 80% of Market Value of Assets, End of Year</li><li>b. 120% of Market Value of Assets, End of Year</li></ul>	\$ \$	37,343 56,015
	,	φ	30,013
6.	Final Actuarial Value of Plan Assets, End of Year (Item 4., But Not Less Than Item 5.a., or Greater Than Item 5.b.)	\$	46,316

#### Judges and Solicitors Retirement System Summary of Actuarial Assumptions and Methods

#### 1. <u>Investment Return to be Earned by Fund</u>

7.25 percent per annum, compounded annually, composed of an assumed 3.00 percent inflation rate and a 4.25 percent real rate of return, net of investment and administrative expenses.

#### 2. Salary Increases

3.25 percent per annum, compounded annually.

#### 3. **Disability and Pre-retirement Mortality Rates**

The following are representative values of the assumed annual rates of disability and pre-retirement death.

**Annual Rates of** 

	Mortality		Disa	bility
	<u>Empl</u>	<u>oyees</u>	<u>Empl</u>	<u>oyees</u>
<u>Age</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
25	0.06%	0.03%	0.04%	0.05%
30	0.07%	0.04%	0.06%	0.07%
35	0.07%	0.04%	0.08%	0.07%
40	0.10%	0.05%	0.15%	0.12%
45	0.18%	0.08%	0.25%	0.25%
50	0.30%	0.13%	0.40%	0.40%
55	0.46%	0.21%	0.65%	0.65%
60	0.65%	0.33%	1.00%	1.00%
64	0.99%	0.54%	1.25%	1.25%

No in-service withdrawals are assumed.

#### 4. Mortality After Retirement

For healthy retirees and beneficiaries, the 1983 Group Annuity Mortality Table rates. A separate table of mortality rates is used for disabled retirees. The following are sample rates for the healthy retirees and beneficiaries:

Age	Male	Female
60	0.92%	0.42%
65	1.56%	0.71%
70	2.75%	1.24%
75	4.46%	2.40%
80	7.41%	4.29%
85	11.48%	6.99%

#### 5. Normal Retirement Assumption

Based upon our review and analysis of historical experience and survey information of current active members, we recommend a change to the normal retirement assumption. The recommended assumption and the assumption used in the prior valuation are shown on the next page.

Upon meeting the retirement eligibility requirement, participants are assumed to retire in the following manner:

**Recommended Assumption** 

Age	Solicitors Service	% Retiring	Age	Judges Service	% Retiring
70 to 72	15 to 19	12	70 to 72	15 to 19	12
65 to 69	20 to 23	40	65 to 69	20 to 24	40
Any	24	40	Any	25	25
Any	25	25	Any	26	15
Any	26	12	Any	27	15
Any	27	12	Any	28	15
Any	28	12	Any	29	15
Any	29	12	Any	30	15
Any	30	12	Any	31	15
Any	31	35	Any	32	35
Any	32 and over	12	Any	33 and over	15

Additionally, 100 percent of participants are assumed to retire upon reaching the mandatory retirement age of 72.

**Prior Valuation Assumption** 

Years of	Service	Retirement Rates			
Solicitors	Judges	Age 65 and Below	After Age 65		
24	25	40.00%	12.00%		
25	26	25.00%	12.00%		
26	27	12.00%	12.00%		
27	28	12.00%	12.00%		
28	29	12.00%	12.00%		
29	30	12.00%	12.00%		
30	31	12.00%	12.00%		
31	32	12.00%	12.00%		
32 and over	33 and over	12.00%	12.00%		

Additionally, 100 percent of participants are assumed to retire upon reaching the mandatory retirement age of 72.

#### 6. Marriage Assumption

Ninety-five percent of all active members are assumed to be married with female spouses being three years younger.

#### 7. Asset Valuation Method

The actuarial value of assets is equal to the market value of assets less a five-year phase in of the excess (shortfall) between expected investment return and actual net income (both based on market value) with the resulting value not being less than 80 percent or more than 120 precent of the market value of assets.

#### 8. Cost Methods

Projected benefit method with level percentage entry age normal cost. Gains and losses are reflected in the period remaining to liquidate the unfunded actuarial accrued liability. The calculation of the amortization period takes into account future increases to contribution rates applicable to future years, payroll growth and the results are rounded to the nearest year.

#### 9. <u>Cost-of-Living Increases</u>

3.25 percent per annum.

#### 10. Administrative and Investment Expenses

The investment return assumption represents the expected return net of all administrative and investment expenses.

#### 11. Payroll Growth Rate

3.25 percent per annum.

#### 12. Changes from Prior Valuation

The valuation results are based upon a recommended change to the normal retirement assumption. In the course of preparing this year's valuation, we analyzed historical normal retirement experience and recent survey information of current active members to develop and recommend an improved normal retirement assumption.

#### 13. Adoption Date

The current actuarial assumptions and methods were adopted by the State Budget and Control Board on April 20, 2004. On May 16, 2006, the Budget and Control Board adopted the recommended employer contribution increase necessary to maintain a 30-year amortization period, with a delayed effective date of July 1, 2007.

#### **Judges and Solicitors Retirement System**

#### **Development of Actuarial Value of Assets**

(Amounts expressed in thousands)

	ltem		Valuation as of July 1, 2005	
1.	Excess (Shortfall) of Investment Income for Current Year and Previous Three Years:  a. Current Year	\$	(31)	
	b. Current Year - 1 c. Current Year - 2 d. Current Year - 3	Ψ	1,619 1,878 (5,959)	
2.	Deferral of Excess (Shortfall) of Investment Income for: a. Current Year (80% Deferral) b. Current Year - 1 (60% Deferral) c. Current Year - 2 (40% Deferral) d. Current Year - 3 (20% Deferral) e. Total Deferred for Year	\$	(25) 971 751 (1,192) 505	
3.	Market Value of Plan Assets, End of Year	\$	119,393	
4.	Preliminary Actuarial Value of Plan Assets, End of Year (Item 3 - Item 2.e.)	\$	118,888	
5.	Actuarial Value of Assets Corrider a. 80% of Market Value of Assets, End of Year b. 120% of Market Value of Assets, End of Year	\$ \$	95,514 143,271	
6.	Final Actuarial Value of Plan Assets, End of Year (Item 4., But Not Less Than Item 5.a., or Greater Than Item 5.b.)	\$	118,888	

## South Carolina Retirement System Schedule of Active Member Valuation Data\* As of July 1, 2005

Valuation Date	Number of Employers	Number of Active Members	(in	Annual Payroll thousands)	Annual erage Pay	Percentage Increase In Average Pay
7-01-05	768	181,022	\$	6,356,489	\$ 35,114	3.30%
7-01-04	763	181,827		6,180,599	33,992	1.06%
7-01-03	763	185,538		6,240,768	33,636	3.50%
7-01-02	746	189,166		6,147,712	32,499	3.42%
7-01-01	739	191,494		6,017,537	31,424	5.15%
7-01-00	729	196,825		5,881,847	29,884	5.49%
7-01-99	726	193,213		5,473,759	28,330	3.83%
7-01-98	720	190,259		5,191,048	27,284	2.78%
7-01-97	725	185,597		4,927,124	26,547	4.40%
7-01-96	713	178,540		4,540,100	25,429	3.28%

<sup>\*</sup>Does not include Teacher and Employee Retention Incentive (TERI) participants.

#### Police Officers Retirement System Schedule of Active Member Valuation Data As of July 1, 2005

Valuation Date	Number of Employers	Number of Active Members	Annual Payroll thousands)	_	Annual erage Pay	Percentage Increase In Average Pay
7-01-05	316	23,795	\$ 850,610	\$	35,747	3.16%
7-01-04	314	23,734	822,448		34,653	3.35%
7-01-03	314	23,871	800,394		33,530	6.08%
7-01-02	302	23,963	757,393		31,607	3.59%
7-01-01	296	24,821	757,335		30,512	5.50%
7-01-00	297	24,782	716,749		28,922	4.82%
7-01-99	307	23,127	638,086		27,591	4.11%
7-01-98	301	22,883	606,426		26,501	2.83%
7-01-97	297	21,829	562,553		25,771	4.31%
7-01-96	291	20,461	505,516		24,706	2.20%

#### General Assembly Retirement System Schedule of Active Member Valuation Data\* As of July 1, 2005

Valuation Date	Number of Employers	Number of Active Members*	P	nnual ayroll lousands)	Annual erage Pay	Percentage Increase In Average Pay
7-01-05	2	170	\$	3,853	\$ 22,668	0.38%
7-01-04	2	170		3,839	22,582	(0.13%)
7-01-03	2	170		3,844	22,612	0.17%
7-01-02	2	200		4,515	22,573	(0.91%)
7-01-01	2	209		4,761	22,781	(0.12%)
7-01-00	2	213		4,858	22,808	0.31%
7-01-99	2	219		4,979	22,737	(0.26%)
7-01-98	2	211		4,810	22,797	0.00%
7-01-97	2	207		4,721	22,800	1.79%
7-01-96	2	213		4,772	22,400	0.00%

<sup>\*</sup>Beginning July 1, 2003, does not include special contributors.

#### Judges and Solicitors Retirement System Schedule of Active Member Valuation Data As of July 1, 2005

Valuation Date	Number of Employers	Number of Active Members	F	Annual Payroll housands)	Annual erage Pay	Percentage Increase In Average Pay
7-01-05	2	128	\$	15,465	\$ 120,820	4.00%
7-01-04	2	128		14,870	116,172	3.00%
7-01-03	2	128		14,437	112,789	1.59%
7-01-02	2	128		14,211	111,026	0.73%
7-01-01	2	128		14,109	110,223	4.26%
7-01-00	2	125		13,214	105,715	4.49%
7-01-99	2	126		12,748	101,174	4.99%
7-01-98	2	120		11,564	96,363	3.05%
7-01-97	2	120		11,221	93,508	6.38%
7-01-96	2	115		10,109	87,904	0.81%

### South Carolina Retirement System The Number and Earnable Compensation of Active Members

As of July 1, 2005

(Dollar amounts expressed in thousands)

GROUP	NUMBER	ANNUAL COMPENSATION	
State Employees	53,098	\$	2,019,747
Teachers	79,659		2,762,340
Other	48,265		1,574,402
Total	181,022	\$	6,356,489

Note: In addition, there are 148,888 inactive members with contributions still in the System. The results of the valuation were adjusted to take these members into account.

## Police Officers Retirement System The Number and Earnable Compensation of Active Members As of July 1, 2005

AS OI July 1, 2005

(Dollar amounts expressed in thousands)

	ANNUAL		
NUMBER	COM	<b>IPENSATION</b>	
23,795	\$	850,610	

Note: In addition, there are 10,207 inactive members with contributions still in the System. The results of the valuation were adjusted to take these members into account.

## General Assembly Retirement System The Number and Earnable Compensation of Active Members

As of July 1, 2005 (Dollar amounts expressed in thousands)

	ANNUAL				
NUMBER	COMPENSATION				
170	\$	3.854			

Note: There are 65 inactive members with contributions still in the System, and there are 33 special contributors. The results of the valuation were adjusted to take these members into account. Numbers shown above do not include open seats or members receiving retirement benefits while continuing in office.

## **Judges and Solicitors Retirement System The Number and Earnable Compensation of Active Members**

As of July 1, 2005

(Dollar amounts expressed in thousands)

	F	ANNUAL	
NUMBER	COMPENSATION		
128	\$	15,465	

Note: There are seven inactive members with contributions still in the System. The results of the valuation were adjusted to take these members into account. Numbers above were not adjusted for open seats.

# South Carolina Retirement System The Number and Annual Retirement Allowances of Retired Members and Beneficiaries\*

As of July 1, 2005 (Dollar amounts expressed in thousands)

**ANNUAL** RETIREMENT **GROUP NUMBER ALLOWANCES Service Retirements: Employees:** Men 18,637 400,555 Women 20,842 311,304 Total 39,479 711,859 Teachers: Men 7,527 177,172 Women 30,752 538,463 Total 38,279 715,635 **Disability Retirements: Employees:** Men 2,818 33,135 Women 3,308 35,588 Total 6,126 68,723 Teachers: Men 800 10,694 37,970 Women 3,238 Total 4,038 48,664 **Beneficiaries:** 1,793 Men 12,180 Women 4,952 53,356 Total 6,745 65,536 **Grand Total** 94,667 1,610,417

<sup>\*</sup>Includes Teacher and Employee Retention Incentive (TERI) participants.

#### **Police Officers Retirement System** The Number and Annual Retirement Allowances of **Retired Members and Beneficiaries**

As of July 1, 2005

(Dollar amounts expressed in thousands)

GROUP	NUMBER	ANNUAL RETIREMENT ALLOWANCES		
Service Retirements:				
Men	6,164	\$	113,833	
Women	1,088		12,774	
Total	7,252		126,607	
<b>Disability Retirements:</b>				
Men	1,132		20,219	
Women	305		3,885	
Total	1,437		24,104	
<b>Beneficiaries:</b>		-		
Men	30		245	
Women	942		9,800	
Total	972		10,045	
Grand Total	9,661	\$	160,756	

#### **General Assembly Retirement System** The Number and Annual Retirement Allowances of **Retired Members and Beneficiaries**

As of July 1, 2005 (Dollar amounts expressed in thousands)

GROUP	NUMBER	RETIR	NUAL REMENT WANCES
Service Retirements:			
Men	218	\$	4,155
Women	25		474
Total	243		4,629
<b>Disability Retirements:</b>			
Men	1		15
Women	0		0
Total	1		15
Beneficiaries:			
Men	0		0
Women	68		1,072
Total	68		1,072
Grand Total	312	\$	5,716

### Judges and Solicitors Retirement System The Number and Annual Retirement Allowances of **Retired Members and Beneficiaries**

As of July 1, 2005 (Dollar amounts expressed in thousands)

NUMBER	ANNUAL RETIREMENT ALLOWANCES		
96 1	\$	8,215 84	
97		8,299	
1 0 1		87 0 87	
11 32		254 974	
43	\$	1,228 9,614	
	96 1 97 1 0 1 11 32 43	NUMBER   RETI ALLO     96	

# South Carolina Retirement System Schedule of Retirants Added to and Removed from Rolls\* (Dollar amounts except average allowance expressed in thousands)

Year		to Rolls Annual	Annual Annual			Annual	% Increase in Annual	Average Annual
<b>Ended</b>	Number	Allowances	Number	Allowances	Number	Allowances	Allowances	Allowances
7-01-05	7,203	\$ 167,748	2,143	\$ 23,537	94,667	\$ 1,610,417	9.8%	\$ 17,011
7-01-04	7,319	151,477	2,132	22,656	89,607	1,466,206	9.6%	16,363
7-01-03	7,866	163,867	2,510	27,662	84,420	1,337,385	11.3%	15,842
7-01-02	7,344	140,077	2,334	24,531	79,064	1,201,180	10.6%	15,193
7-01-01	12,523	284,739	2,474	23,735	74,054	1,085,634	31.7%	14,660
7-01-00	4,772	93,459	1,830	17,139	64,005	824,630	10.2%	12,884
7-01-99	4,961	68,522	2,436	12,175	61,063	748,310	8.1%	12,255
7-01-98	4,580	61,751	2,169	13,592	58,538	691,963	7.5%	11,321
7-01-97	4,601	78,201	2,346	10,928	56,127	643,804	11.7%	11,470
7-01-96	3,368	49,605	1,572	11,383	53,872	576,531	7.1%	10,702

<sup>\*</sup>Includes Teacher and Employee Retention Incentive (TERI) participants.

# Police Officers Retirement System Schedule of Retirants Added to and Removed from Rolls (Dollar amounts except average allowance expressed in thousands)

Year Ended	Added Number	Annual Allowances	Removed Number	Annual Allowances	Rolls End	Annual Allowances	% Increase in Annual Allowances	Average Annual Allowances
7-01-05	778	\$ 12,576	173	\$ 2,147	9,661	\$ 160,756	9.8%	\$ 16,640
7-01-04	894	16,256	265	2,923	9,056	146,348	10.8%	16,114
7-01-03	947	18,614	226	2,733	8,427	133,015	13.6%	15,784
7-01-02	956	17,378	220	2,639	7,706	117,134	14.4%	15,200
7-01-01	989	17,235	341	3,986	6,970	102,395	14.9%	14,691
7-01-00	549	9,979	152	1,581	6,322	89,146	10.4%	14,101
7-01-99	606	8,490	238	1,731	5,925	80,748	9.1%	13,628
7-01-98	492	6,924	154	1,085	5,557	73,989	8.6%	13,315
7-01-97	533	9,024	176	759	5,219	68,150	13.8%	13,058
7-01-96	415	5,866	100	791	4,862	59,885	9.3%	12,317

# General Assembly Retirement System Schedule of Retirants Added to and Removed from Rolls (Dollar amounts except average allowance expressed in thousands)

Year Ended	Added	Annual Allowances	Removed Number	I from Rolls Annual Allowances	Rolls End	Annual Allowances	% Increase in Annual Allowances	Average Annual Allowances
Lilucu	- Tuniber	Miowances	rtumber	Mowances	Tumber	Miowanees	/ HIOWAIICES	7 movunees
7-01-05	22	\$ 486	7	\$ 125	312	\$ 5,716	6.8%	\$ 18,321
7-01-04	12	185	9	119	297	5,353	1.2%	18,023
7-01-03	40	839	12	226	294	5,287	13.1%	17,983
7-01-02	24	453	9	160	266	4,674	6.7%	17,571
7-01-01	27	609	11	204	251	4,381	10.2%	17,454
7-01-00	8	118	7	110	235	3,976	0.2%	16,919
7-01-99	16	257	6	62	234	3,968	5.2%	16,957
7-01-98	9	125	6	159	224	3,773	(0.9%)	16,844
7-01-97	18	233	4	92	221	3,807	3.8%	17,226
7-01-96	6	159	4	43	207	3,666	3.3%	17,710

## Judges and Solicitors Retirement System Schedule of Retirants Added to and Removed from Rolls (Dollar amounts except average allowance expressed in thousands)

	Added	l to Rolls	Removed from Rolls			Rolls End of the Year			% Increase	Α	verage
Year		Annual		Annua	d	A		nnual	in Annual	A	Annual
<b>Ended</b>	Number	Allowance	<u>Number</u>	Allowan	Allowances		<b>Allowances</b>		Allowances	All	owances
7-01-05	3	\$ 58	31 1	\$	27	141	\$	9,615	6.1%	\$	68,191
7-01-04	11	92	2.5		139	139		9,061	9.5%		65,190
7-01-03	11	71	6 7	4	493	130		8,275	2.8%		63,654
7-01-02	13	70	06 5		248	126		8,052	6.0%		63,905
7-01-01	9	68	6	4	442	118		7,594	3.3%		64,356
7-01-00	7	77	2 4		276	115		7,351	7.2%		63,926
7-01-99	9	59	3		209	112		6,855	6.0%		61,205
7-01-98	8	81	2 3		198	106		6,466	10.5%		60,996
7-01-97	4	74	4		187	101		5,852	10.6%		57,941
7-01-96	7	1,01	4 0		0	101		5,293	11.9%		52,406

### Summary of Accrued and Unfunded Accrued Liabilites (Dollar amounts expressed in thousands)

	Valuation Date	Valuation Assets	Aggregate Accrued Liabilities	Actuarial Assets as a % of Actuarial Accrued Liabilities	Unfunded Accrued Liabilities	Annual Active Member Payroll	UAL as a % of Active Member Payroll
SCRS	7-01-05	\$21,625,510	\$30,217,471	71.6%	\$ 8,591,961	\$ 6,356,489	135.2%
	7-01-04	20,862,659	25,977,852	80.3%	5,115,193	6,180,599	82.8%
	7-01-03	20,197,936	24,398,931	82.8%	4,200,995	6,240,768	67.3%
	7-01-02	19,298,174	22,446,574	86.0%	3,148,400	6,147,712	51.2%
	7-01-01	18,486,773	21,162,147	87.4%	2,675,374	6,017,537	44.5%
	7-01-00	17,286,108	19,414,972	89.0%	2,128,864	5,881,847	36.2%
	7-01-99	16,120,513	16,298,438	98.9%	177,925	5,473,759	3.3%
	7-01-98	14,946,070	15,952,345	93.7%	1,006,275	5,191,048	19.4%
	7-01-97	13,621,362	14,977,179	90.9%	1,355,817	4,927,124	27.5%
	7-01-96	12,499,235	14,062,092	88.9%	1,562,857	4,540,100	34.4%
				Actuarial Assets as a %			UAL as a %
PORS	Valuation Date	Valuation Assets	Aggregate Accrued Liabilities		Unfunded Accrued Liabilities	Annual Active Member Payroll	UAL as a % of Active Member Payroll
PORS			Accrued Liabilities	Assets as a % of Actuarial Accrued	Accrued Liabilities	<b>Active Member</b>	of Active Member
PORS	<b>Date</b>	Assets	Accrued Liabilities	Assets as a % of Actuarial Accrued Liabilities	Accrued Liabilities	Active Member Payroll \$850,610	of Active Member Payroll
PORS	7-01-05	<b>Assets</b> \$ 2,774,606	Accrued Liabilities  \$ 3,173,930	Assets as a % of Actuarial Accrued Liabilities 87.4%	Accrued Liabilities  \$ 399,324	Active Member Payroll \$ 850,610	of Active Member Payroll 46.9%
PORS	7-01-05 7-01-04	Assets \$ 2,774,606 2,616,835	Accrued Liabilities  \$ 3,173,930	Assets as a % of Actuarial Accrued Liabilities 87.4% 87.7%	Accrued Liabilities  \$ 399,324	Active Member Payroll \$ 850,610 822,448	of Active Member Payroll 46.9% 44.7%
PORS	7-01-05 7-01-04 7-01-03	Assets \$ 2,774,606 2,616,835 2,511,369	Accrued Liabilities \$ 3,173,930 2,984,584 2,744,849	Assets as a % of Actuarial Accrued Liabilities  87.4% 87.7% 91.5%	Accrued Liabilities \$ 399,324 367,749 233,480	Active Member Payroll  \$ 850,610 822,448 800,394	of Active Member Payroll 46.9% 44.7% 29.2%
PORS	7-01-05 7-01-04 7-01-03 7-01-02	\$ 2,774,606 2,616,835 2,511,369 2,351,100	**Accrued Liabilities**  \$ 3,173,930	Assets as a % of Actuarial Accrued Liabilities  87.4% 87.7% 91.5% 93.0%	Accrued Liabilities \$ 399,324 367,749 233,480 176,776	* 850,610 822,448 800,394 757,393	of Active Member Payroll 46.9% 44.7% 29.2% 23.3%
PORS	7-01-05 7-01-04 7-01-03 7-01-02 7-01-01	\$ 2,774,606 2,616,835 2,511,369 2,351,100 2,197,982	**3,173,930 2,984,584 2,744,849 2,527,876 2,324,257	Assets as a % of Actuarial Accrued Liabilities  87.4% 87.7% 91.5% 93.0% 94.6%	Accrued Liabilities \$ 399,324 367,749 233,480 176,776 126,275	* 850,610 822,448 800,394 757,393 757,335	of Active Member Payroll 46.9% 44.7% 29.2% 23.3% 16.7%
PORS	7-01-05 7-01-04 7-01-03 7-01-02 7-01-01 7-01-00	\$ 2,774,606 2,616,835 2,511,369 2,351,100 2,197,982 2,008,554 1,844,517 1,684,641	* 3,173,930 2,984,584 2,744,849 2,527,876 2,324,257 2,095,991	Assets as a % of Actuarial Accrued Liabilities  87.4% 87.7% 91.5% 93.0% 94.6% 95.8%	* 399,324 367,749 233,480 176,776 126,275 87,437 53,720 48,937	* 850,610 822,448 800,394 757,393 757,335 716,749	of Active Member Payroll  46.9% 44.7% 29.2% 23.3% 16.7% 12.2%
PORS	7-01-05 7-01-04 7-01-03 7-01-02 7-01-01 7-01-00 7-01-99	\$ 2,774,606 2,616,835 2,511,369 2,351,100 2,197,982 2,008,554 1,844,517	\$ 3,173,930 2,984,584 2,744,849 2,527,876 2,324,257 2,095,991 1,898,237	Assets as a % of Actuarial Accrued Liabilities  87.4% 87.7% 91.5% 93.0% 94.6% 95.8% 97.2%	**Secretaria	* 850,610 822,448 800,394 757,393 757,335 716,749 638,086	of Active Member Payroll 46.9% 44.7% 29.2% 23.3% 16.7% 12.2% 8.4%

Note: Effective 7-1-1995, actuarial assumptions were changed as a result of a 5 year experience study, the investment return assumption was changed from 8% to 7.25%, an assumption of future COLA adjustments was removed (SCRS and PORS) and the method of valuing assets was changed from book value to a smoothed market value.

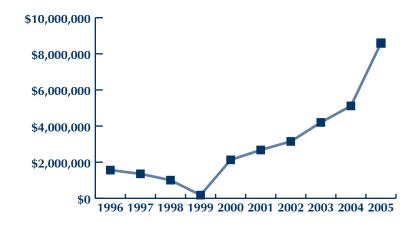
Effective 7-1-1999, actuarial assumptions were changed as a result of a 5 year experience study.

Effective for the 7-1-2000 valuation, eligibility for an unreduced retirement annuity under SCRS was reduced from 30 years of service to 28 year. The SCRS also adopted a deferred retirement option plan.

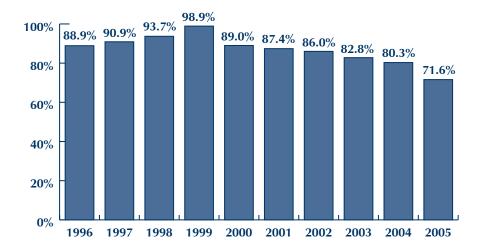
Effective 7-1-2003, actuarial assumptions were changed as a result of a 5 year experience study. The rates of salary increase assumption, the assumed retirement rates, disability incidence assumptions and withdrawal rate assumptions were revised for both SCRS and PORS. In addition, the assumed mortality rates for retired SCRS members were revised, along with the assumed mortality rates of active and disabled members for PORS.

#### **South Carolina Retirement System Funding Progress with Funded Ratios**

**Unfunded Accrued Liabilities** (Amounts expressed in thousands)

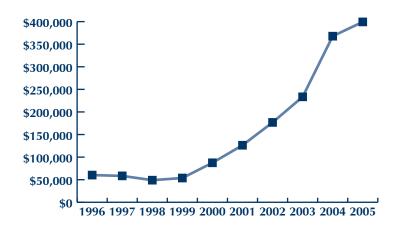


Funded Ratios (Actuarial assets as a percentage of actuarial accrued liabilities)



## **Police Officers Retirement System Funding Progress with Funded Ratios**

**Unfunded Accrued Liabilities** (Amounts expressed in thousands)



Funded Ratios (Actuarial assets as a percentage of actuarial accrued liabilities)



### Summary of Accrued and Unfunded Accrued Liabilites (Dollar amounts expressed in thousands)

GARS	Valuation Date	 aluation Assets	Aggregat Accrued Liabilitie	e I	Actuarial Assets as a % of Actuarial Accrued Liabilities	Ac	funded ccrued bilities	Ac	Annual tive Member Payroll	UAL as a % of Active Member Payroll
	7-01-05	\$ 46,316	\$ 69,1	61	67.0%	\$	22,845	\$	3,853	592.9%
	7-01-04	45,087	68,3	32	66.0%		23,245		3,839	605.5%
	7-01-03	44,682	66,6	19	67.1%		21,937		3,844	570.8%
	7-01-02	43,841	73,0	)46	60.0%		29,205		4,515	646.9%
	7-01-01	42,788	68,2	91	62.7%		25,503		4,761	535.6%
	7-01-00	40,730	63,9	947	63.7%		23,217		4,858	477.9%
	7-01-99	38,685	63,5	01	60.9%		24,816		4,979	498.4%
	7-01-98	36,260	60,3	30	60.1%		24,070		4,810	500.4%
	7-01-97	33,627	60,0	)52	56.0%		26,425		4,721	559.7%
	7-01-96	31,702	59,9	14	52.9%		28,213		4,771	591.3%

JSRS	Valuation Date	,	Valuation Assets	/	ggregate Accrued iabilities	Actuarial Assets as a % of Actuarial Accrued Liabilities	Unfunded Accrued Liabilities	Ac	Annual tive Member Payroll	UAL as a % of Active Member Payroll
	7-01-05	\$	118,888	\$	204,847	58.0%	\$ 85,959	\$	15,465	555.8%
	7-01-04		112,016		185,052	60.5%	73,036		14,870	491.2%
	7-01-03		106,114		166,655	63.7%	60,541		14,437	419.3%
	7-01-02		100,074		166,440	60.1%	66,366		14,211	467.0%
	7-01-01		94,795		159,246	59.5%	64,451		14,109	456.8%
	7-01-00		87,536		144,631	60.5%	57,095		13,214	432.1%
	7-01-99		81,780		134,272	60.9%	52,492		12,748	411.8%
	7-01-98		75,699		124,756	60.7%	49,057		11,564	424.2%
	7-01-97		68,980		112,185	61.5%	43,205		11,221	385.0%
	7-01-96		62,850		101,020	62.2%	38,170		10,109	377.6%

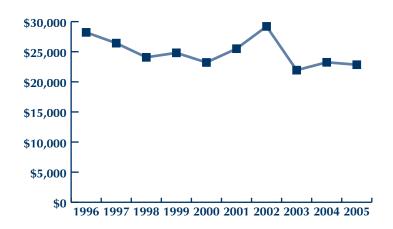
Note: Effective 7-1-1995, the investment return assumption was changed from 8% to 7.25% and the method of valuing assets was changed from book value to a smoothed market value.

The July 1, 2002, GARS valuation reflected the change in legislation effective January 1, 2003, which allows a member who has attained the age of 70 or has 30 years of service to retire and draw an annuity while continuing to serve in the General Assembly.

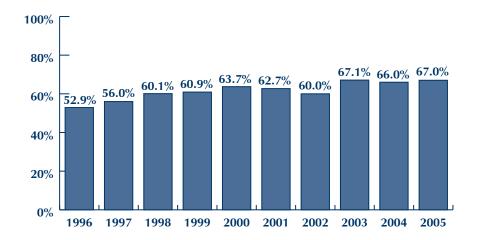
Effective 7-1-2003, actuarial assumptions for GARS and JSRS were changed as a result of a 5 year experience study. The rates of salary increase assumption, the assumed retirement rates, and disability incidence assumptions were revised.

### **General Assembly Retirement System Funding Progress with Funded Ratios**

**Unfunded Accrued Liabilities** (Amounts expressed in thousands)

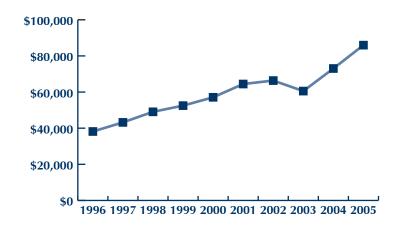


Funded Ratios (Actuarial assets as a percentage of actuarial accrued liabilities)

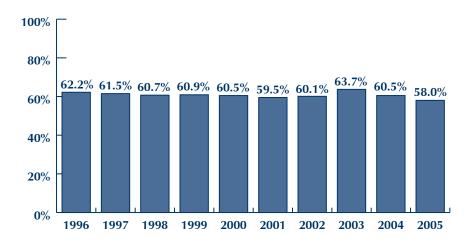


## **Judges and Solicitors Retirement System Funding Progress with Funded Ratios**

**Unfunded Accrued Liabilities** (Amounts expressed in thousands)



Funded Ratios (Actuarial assets as a percentage of actuarial accrued liabilities)



# South Carolina Retirement System Analysis of the Increase in the Unfunded Accrued Liability As of July 1, 2005

(Amounts expressed in millions)

	Amount of Increase			
Item:	(De	ecrease)		
Beginning of Year Unfunded Actuarial Liability	\$	5,115		
Interest on Unfunded Actuarial Liability		371		
Amortization Payment		(306)		
Asset Experience		107		
Salary Experience		137		
Other Liability Experience		40		
COLA		396		
Benefit Changes		2,493		
Assumption/Method Changes		239		
Total Increase/(Decrease)	\$	3,477		
End of Year Unfunded Actuarial Liability	\$	8,592		

## Police Officers Retirement System Analysis of the Increase in the Unfunded Accrued Liability As of July 1, 2005

(Amounts expressed in millions)

Item:	(De	crease)
		Ci cuse)
Beginning of Year Unfunded Actuarial Liability	\$	367.7
Interest on Unfunded Actuarial Liability		26.7
Amortization Payment		(31.5)
Asset Experience		14.6
Salary Experience		3.0
Other Liability Experience		(30.5)
COLA		50.3
Benefit Changes		(1.0)
Assumption/Method Changes		-
Total Increase/(Decrease)	\$	31.6
End of Year Unfunded Actuarial Liability	\$	399.3

## General Assembly Retirement System Analysis of the Increase in the Unfunded Accrued Liability

As of July 1, 2005 (Amounts expressed in millions)

Item:	Amount of Increase (Decrease)			
Beginning of Year Unfunded Actuarial Liability	\$	23,245		
Interest on Unfunded Actuarial Liability		1,685		
Required Amortization Payment		(3,039)		
Asset Experience		191		
Salary Experience		N/A		
Other Liability Experience		332		
Service Purchase		431		
Benefit Changes		-		
Assumption/Method Changes		-		
Total Increase/(Decrease)	\$	(400)		
End of Year Unfunded Actuarial Liability	\$	22,845		

## Judges and Solicitors Retirement System Analysis of the Increase in the Unfunded Accrued Liability As of July 1, 2005

(Amounts expressed in millions)

		Amount of Increase (Decrease)			
Item:	(Dec				
Beginning of Year Unfunded Actuarial Liability	\$	73.0			
Interest on Unfunded Actuarial Liability		5.3			
Amortization Payment		(4.5)			
Asset Experience		0.4			
Salary Experience		0.6			
Other Liability Experience		5.5			
COLA		0.8			
Benefit Changes		-			
Assumption/Method Changes		4.9			
Total Increase/(Decrease)	\$	13.0			
End of Year Unfunded Actuarial Liability	\$	86.0			

**Solvency Test** (Dollar amounts expressed in thousands)

	(1) Active Valuation Member		(2) Retirants &		(3) ive Members ployer Funded	,	Valuation		Aggregate A		
	<b>Date</b>	Co	ntributions	ons Beneficiaries		Portion)		Assets	(1)	(2)	(3)
SCRS	7-01-05	\$	4,915,423	\$ 16,891,954	\$	8,410,094	\$	21,625,510	100%	98.7%	0.0%
	7-01-04		4,750,077	14,184,765		7,043,010		20,862,659	100%	100%	27.4%
	7-01-03		4,627,360	13,240,368		6,531,203		20,197,936	100%	100%	35.7%
	7-01-02		4,512,402	11,600,395		6,333,777		19,298,174	100%	100%	50.3%
	7-01-01		4,339,747	10,367,913		6,454,487		18,486,773	100%	100%	58.6%
	7-01-00		4,563,513	7,484,050		7,367,149		17,286,108	100%	100%	71.1%
	7-01-99		4,278,861	6,944,021		5,075,556		16,120,513	100%	100%	96.5%
	7-01-98		3,972,263	6,305,903		5,674,179		14,946,070	100%	100%	82.3%
	7-01-97		3,657,217	5,866,156		5,453,806		13,621,362	100%	100%	75.1%
	7-01-96		3,399,816	5,349,968		5,312,308		12,499,235	100%	100%	70.6%
PORS	7-01-05	\$	585,701	\$ 1,530,199	\$	1,058,030	\$	2,774,606	100%	100%	62.0%
	7-01-04		548,699	1,415,627		1,020,258		2,616,835	100%	100%	64.0%
	7-01-03		516,313	1,265,173		963,363		2,511,369	100%	100%	75.8%
	7-01-02		492,178	1,136,998		898,700		2,351,100	100%	100%	80.3%
	7-01-01		464,217	977,769		882,271		2,197,982	100%	100%	85.7%
	7-01-00		427,449	844,631		823,911		2,008,554	100%	100%	89.4%
	7-01-99		389,456	783,042		725,739		1,844,517	100%	100%	92.6%
	7-01-98		352,424	702,155		678,999		1,684,641	100%	100%	92.8%
	7-01-97		314,217	645,356		611,243		1,512,390	100%	100%	90.4%
	7-01-96		284,655	565,405		577,726		1,367,549	100%	100%	89.6%

Note: Effective 7-1-1995, actuarial assumptions were changed as a result of a 5 year experience study, the investment return assumption was changed from 8% to 7.25%, an assumption of future COLA adjustments was removed (SCRS and PORS) and the method of valuing assets was changed from book value to a smoothed market value.

Effective 7-1-1999, actuarial assumptions were changed as a result of a 5 year experience study.

Effective for the 7-1-2000 valuation, eligibility for an unreduced retirement annuity under SCRS was reduced from 30 years of service to 28 years. The SCRS also adopted a deferred retirement option plan.

Effective 7-1-2003, actuarial assumptions were changed as a result of a 5 year experience study. The rates of salary increase assumption, the assumed retirement rates, disability incidence assumptions and withdrawal rate assumptions were revised for both SCRS and PORS. In addition, the assumed mortality rates for retired SCRS members were revised, along with the assumed mortality rates of active and disabled members for PORS.

**Solvency Test** (Dollar amounts expressed in thousands)

	Valuation Date	M	(1) Active ember ributions	(2) tetirants & neficiaries	(3) tive Members aployer Funded Portion)	•	Valuation Assets	Portion of Liabilities (1)		
				 	 · · ·	_	-			
<b>GARS</b>	7-01-05	\$	8,024	\$ 51,353	\$ 9,784	\$	46,316	100%	74.6%	0.0%
	7-01-04		8,485	48,126	11,721		45,087	100%	76.1%	0.0%
	7-01-03		8,324	46,781	11,515		44,682	100%	77.7%	0.0%
	7-01-02		9,470	47,485	16,091		43,841	100%	72.4%	0.0%
	7-01-01		9,329	45,013	13,949		42,788	100%	74.3%	0.0%
	7-01-00		9,220	39,409	15,318		40,730	100%	80.0%	0.0%
	7-01-99		8,459	40,298	14,744		38,685	100%	75.0%	0.0%
	7-01-98		7,898	38,282	14,150		36,260	100%	74.1%	0.0%
	7-01-97		7,224	39,214	13,614		33,627	100%	67.3%	0.0%
	7-01-96		6,81	37,876	15,228		31,702	100%	65.7%	0.0%
JSRS	7-01-05	\$	20,005	\$ 110,876	\$ 73,966	\$	118,888	100%	89.2%	0.0%
	7-01-04		17,640	106,159	61,253		112,016	100%	88.9%	0.0%
	7-01-03		16,545	96,409	53,701		106,114	100%	92.9%	0.0%
	7-01-02		16,162	101,716	48,562		100,074	100%	82.5%	0.0%
	7-01-01		15,254	97,512	46,480		94,795	100%	81.6%	0.0%
	7-01-00		12,979	94,633	37,019		87,536	100%	78.8%	0.0%
	7-01-99		12,286	87,464	34,522		81,780	100%	79.5%	0.0%
	7-01-98		11,424	81,193	32,139		75,699	100%	79.2%	0.0%
	7-01-97		10,819	70,724	30,642		68,980	100%	82.2%	0.0%
	7-01-96		9,633	65,238	26,149		62,850	100%	81.6%	0.0%

Note: Effective 7-1-1995, the investment return assumption was changed from 8% to 7.25% and the method of valuing assets was changed from book value to a smoothed market value.

The July 1, 2002 GARS valuation reflected the change in legislation effective January 1, 2003, which allows a member who has attained the age of 70 or has 30 years of service to retire and draw an annuity while continuing to serve in the General Assembly.

Effective 7-1-2003, actuarial assumptions for GARS and JSRS were changed as a result of a 5 year experience study. The rates of salary increase assumption, the assumed retirement rates, and disability incidence assumptions were revised.



November 20, 2006

State Budget and Control Board South Carolina Retirement Systems Columbia, South Carolina 29211

Re: Certification and Statement Regarding the Actuarial Valuation of the South Carolina National Guard Pension Fund as of June 30, 2005

Dear Members of the Board:

#### **Applicable Laws**

The law governing the operation of the South Carolina National Guard Pension Fund provides that actuarial valuation of the assets and liabilities of the Fund shall be made at least every other year. We have prepared the annual actuarial valuation of the Pension Fund as of June 30, 2005.

#### **Funding Objective**

A funding objective of the Fund is that the contributions will remain relatively level over time. As these contributions are set by the Board, the valuation is used to determine the sufficiency of the contributions to maintain or improve the measures of the Fund's funding progress (i.e. *funded ratio, funding period*) and provide for the complete funding of all actuarial liabilities within 30 years.

#### **Funding Methodology**

The entry age normal actuarial cost method determines the Fund's normal cost, the cost of the current year's benefit accrual. Additionally, the method determines the actuarial liability, the value of benefits already earned by active and retired members due to past service. A smoothing technique is utilized to produce a market-related actuarial value of assets with the goal of dampening the impact of investment return volatility. The *funded ratio* is the actuarial value of assets as a percentage of the actuarial liability.

An unfunded actuarial liability exists to the extent the Fund's actuarial liability exceeds its actuarial value of assets. The contribution amount in excess of the Fund's normal cost is the level dollar amount available to amortize an unfunded actuarial liability. The Fund's *funding period* is the resulting number of years necessary to fully amortize the unfunded actuarial liability with the available contributions.

#### Assumptions

Actuarial assumptions are necessary to estimate the future economic and demographic experience of the Fund. The actuarial assumptions used in the valuation are internally consistent and reasonably based on the actual experience of the Fund.

665 Molly Lane, Suite 150, Woodstock, GA 30189 Phone (678) 388-1700 • Fax (678) 388-1730 www.CavMacConsulting.com



State Budget and Control Board South Carolina Retirement Systems November 20, 2006 Page 2

The current actuarial assumptions are in accordance with the applicable Actuarial Standards of Practice, as well as the parameters set forth in the Governmental Accounting Standards Board (GASB) Statement No. 25, Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans.

The results and conclusions of this report are based on the valuation as of June 30, 2005. Differences between our projections and actual amounts depend on the extent to which future experience conforms exactly to the assumptions used in this analysis. Actual amounts will differ from projected amounts to the extent that actual experience deviates from expected experience.

#### **Data Reliance**

In preparing the valuations, we, as the actuary, relied on data provided by the Retirement Systems office. In fulfillment of the scope of our assignment, we performed a limited review of the data for consistency and reasonableness and did not find material defects in the census data.

#### Supporting Schedules

Our firm, as actuary, is responsible for the actuarial trend data in the financial section of the report and the supporting schedules in the actuarial section, beginning with the information for the July 1, 2004 to June 30, 2005 period. Information for previous years was supplied by other actuarial firms employed by the Fund at that time.

#### Certification

Based on the results of the June 30, 2005 valuation, we believe that the valuation is appropriately reflecting the Fund's long term obligations and the current contribution levels are sufficient to fund the liabilities over a reasonable time frame, and based on these criteria may be deemed actuarially sound.

I, Edward A. Macdonald, President of Cavanaugh Macdonald Consulting, LLC, am a Member of the American Academy of Actuaries and meet the Qualification Standards to render the actuarial opinion contained herein. On the basis of the foregoing, I certify that, to the best of my knowledge this report is complete and accurate and has been prepared in accordance with South Carolina's statutes and generally recognized and accepted actuarial principles and practices which are consistent with the principles prescribed by the Actuarial Standards Board (ASB) and the Code of Professional Conduct and Qualification Standards for Public Statements of Actuarial Opinion of the American Academy of Actuaries.

Respectfully submitted,

Edward A. Macdonald, ASA, FCA, MAAA

President

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### National Guard Retirement System Valuation Balance Sheet

As of Actuarial Valuation at June 30, 2005 (Amounts expressed in thousands)

			June	30, 2005
1.	A	<u>Assets</u>		_
	a.	Current Assets (Actuarial Value)	\$	12,151
	b.	Present Value of Future Member Contributions	\$	-
	C.	Present Value of Future Employer Contributions  i) Normal Contributions	\$	630
		ii) Accrued Liability Contributions	Ψ	34,834
		iii) Total Future Employer Contributions	\$	35,464
	d.	<u>Total Assets</u>	\$	47,615
2.	<u>Lia</u>	<u>abilities</u>		
	a.	Benefits to be Paid to Retired Members and Beneficiaries	\$	20,804
	b.	Benefits to be Paid to Former Members Entitled to  Deferred Pensions	\$	15,067
	C.	Benefits to be Paid to Current Active Members	\$	11,744
	d.	<u>Total Liabilities</u>	\$	47,615

#### National Guard Retirement System Results of the Valuation as of June 30, 2005 (Dollar amounts expressed in thousands)

		June	2 30, 2005
1.	Actuarial Present Value of Future Benefits		
	<ul><li>a. Present Retired Members and Beneficiaries</li><li>b. Former Members Entitled to Deferred Pensions</li><li>b. Present Active Members</li><li>c. Total Actuarial Present Value</li></ul>	\$ 	20,804 15,067 11,744 47,615
2.	Present Value of Future Normal Contributions		
	a. Employees	\$	-
	<ul><li>b. Employer</li><li>c. Total Future Normal Contributions</li></ul>	\$	630
3.	Actuarial Liability	\$	46,985
4.	Current Actuarial Value of Assets	\$	12,151
5.	<u>Unfunded Actuarial Liability</u>	\$	34,834
6.	Unfunded Actuarial Liability Annual Payment Amount	\$	2,878
7.	Unfunded Actuarial Liability Liquidation Period		30 years

#### National Guard Retirement System Summary of Actuarial Assumptions and Methods

#### 1. <u>Investment Return to be Earned by Fund</u>

7.25% per annum, compounded annually.

#### 2. <u>Separations from Active Service</u>

Representative values of the assumed annual rates of separation from active service are as follows:

Annual	Rates of

	Retire			
<u>Age</u>	Under Age 60 with 20 Years of Service	Age 60 with 20 Years of Service or 30 Years of Service	<u>Death</u>	<u>Disability</u> <sup>1</sup>
25			.0005	.0009
30			.0006	.0011
35			.0009	.0015
40	.100		.0012	.0022
45	.100		.0022	.0036
50	.100		.0039	.0061
55	.100	1.000	.0061	.0101
60		1.000	.0092	.0163

<sup>&</sup>lt;sup>1</sup>Applied only to members with less than 20 years of service.

No rates of withdrawals are assumed.

#### 3. Mortality After Retirement

The 1983 Group Annuity Mortality Table rates for males is used.

#### 4. <u>Marriage Assumption</u>

Not applicable because no death benefits are payable.

#### 5. Asset Valuation Method

The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected value of assets, based on the assumed valuation rate of return. The amount recognized in addition to the expected return each year is 20 percent of the difference between the market value and expected actuarial value.

#### 6. Cost Methods

Projected benefit method with entry age normal cost and open-end accrued liability. Gains and losses are reflected in the unfunded accrued liability.

#### 7. Administrative and Investment Expenses

The investment return assumption represents the expected return net of all administrative and investment expenses.

#### 8. Changes from Prior Valuation

There have been no changes since the prior valuation.

#### 9. Adoption Date

Cavanaugh Macdonald Consulting, LLC, actuary, is responsible for the actuarial trend data in the financial section of the report and the supporting schedules in the actuarial section, beginning with the information for the July 1, 2004, to June 30, 2005, period. Information for previous years was supplied by other actuarial firms employed by the Fund at that time. The exact adoption date for the current actuarial assumptions and methods is unknown. The discount rate and retirement rates were last changed for the 1996 valuation. The death, disability, and mortality rates were changed in 1990 by the prior actuary.

#### National Guard Retirement System Development of Actuarial Value of Assets (Amounts expressed in thousands)

	Item		ation as of e 30, 2005
1.	Excess (Shortfall) of Investment Income for Current Year and Previous Three Years: a. Current Year b. Current Year - 1 c. Current Year - 2 d. Current Year - 3	\$	(363) (565) N/A N/A
2.	Deferral of Excess (Shortfall) of Investment Income for: a. Current Year (80% Deferral) b. Current Year - 1 (60% Deferral) c. Current Year - 2 (40% Deferral) d. Current Year - 3 (20% Deferral) e. Total Deferred for Year	\$	(291) (339) - - (630)
3.	Market Value of Plan Assets, End of Year	\$	11,521
4.	Preliminary Actuarial Value of Plan Assets, End of Year (Item 3 - Item 2.e.)	\$	12,151
5.	Actuarial Value of Assets Corrider a. 80% of Market Value of Assets, End of Year b. 120% of Market Value of Assets, End of Year	\$ \$	9,217 13,826
6.	Final Actuarial Value of Plan Assets, End of Year (Item 4., But Not Less Than Item 5.a., or Greater Than Item 5.b.)	\$	12,151

## National Guard Retirement System Schedule of Active Member Valuation Data As of June 30, 2005

Valuation Date	Number of Employers	Number of Active Members	Annual Payroll (in thousands)	Annual Average Pay	Percentage Increase In Average Pay
6-30-05	1	2,864	N/A	N/A	N/A
6-30-04	1	3,425	N/A	N/A	N/A
6-30-02	1	4,010	N/A	N/A	N/A
6-30-00	1	5,289	N/A	N/A	N/A
6-30-98	1	9,604	N/A	N/A	N/A
6-30-96	1	11,198	N/A	N/A	N/A

## National Guard Retirement System The Number and Annual Retirement Allowances of Retired Members As of June 30, 2005

(Dollar amounts expressed in thousands)

NUMBER	ANNUAL RETIREMENT ALLOWANCES		
2,676	\$	2,561 11	
2,690		2,572	
N/A N/A N/A		N/A N/A N/A	
N/A N/A		N/A N/A	
N/A		N/A	
2,690	\$	2,572	
	2,676 14 2,690 N/A N/A N/A N/A N/A	NUMBER   RETI     ALLO	

## National Guard Retirement System Schedule of Retirants Added to and Removed from Rolls (Dollar amounts except average allowance expressed in thousands)

	Added	Added to Rolls*		olls* Removed from Rolls*		Rolls*	Rolls End of the Year			% Increase	A	verage
Year			nual			nnual		-	nnual	in Annual		nnual
<b>Ended</b>	Number	Allov	vances	Number	Allo	wances	Number Allowances		Allowances	Allo	owances	
6-30-05	244	\$	214	89	\$	81	2,690	\$	2,572	5.5%	\$	956
6-30-04	-		-	-		-	2,535		2,439	12.9%		962
6-30-02	-		-	-		-	2,213		2,160	10.9%		976
6-30-00	-		-	-		-	1,962		1,947	7.7%		992
6-30-98	-		-	-		-	1,801		1,808	13.6%		1,004
6-30-96	-		-	_		-	1,550		1,591	18.9%		1,026

<sup>\*</sup>Sufficient data is not available to complete these columns for years ending before June 30, 2005.

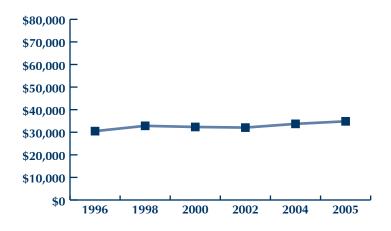
### Summary of Accrued and Unfunded Accrued Liabilites (Dollar amounts expressed in thousands)

NGRS	Valuation Date	Valuation Assets	Aggregate Accrued Liabilities	Actuarial Assets as a % of Actuarial Accrued Liabilities	Unfunded Accrued Liabilities	UAL as a % of Active Member Payroll	
	6-30-05	\$ 12,151	\$ 46,985	25.9%	\$ 34,835	N/A	N/A
	6-30-04	13,567	47,281	28.7%	33,714	N/A	N/A
	6-30-02	12,608	44,678	28.2%	32,069	N/A	N/A
	6-30-00*	11,089	43,427	25.5%	32,338	N/A	N/A
	6-30-98	8,640	41,478	20.8%	32,839	N/A	N/A
	6-30-96	6,259	36,756	17.0%	30,497	N/A	N/A

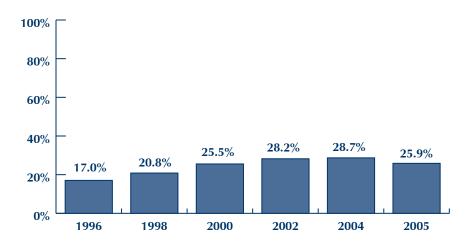
<sup>\*</sup>As of April 30, 2000.

## **National Guard Retirement System Funding Progress with Funded Ratios**

### **Unfunded Accrued Liabilities** (Amounts expressed in thousands)



Funded Ratios (Actuarial assets as a percentage of actuarial accrued liabilities)



## National Guard Retirement System Analysis of the Increase in the Unfunded Accrued Liability

As of June 30, 2005 (Amounts expressed in millions)

Item:	Amount of Increase (Decrease)		
Beginning of Year Unfunded Actuarial Liability	\$	33,714	
Interest on Unfunded Actuarial Liability		2,444	
Amortization Payment		-	
Asset Adjustment		(394)	
Asset Experience		186	
Salary Experience		-	
Other Liability Experience		(1,115)	
COLA		-	
Benefit Changes		-	
Assumption/Method Changes		-	
Total Increase/(Decrease)	\$	1,121	
End of Year Unfunded Actuarial Liability	\$	34,835	

### **Solvency Test** (Dollar amounts expressed in thousands)

	Valuation	(1) Active Member	(2)	(3)	Valuation	Portion of A	00 0	
	Date	Contributions	Retirants	Active Members	Assets	(1)	(2)	(3)
NGRS	6-30-05	\$ -	\$ 20,804	\$ 26,181	\$ 12,151	N/A	58.4%	0.0%
	6-30-04	-	19,704	27,577	13,567	N/A	68.9%	0.0%
	6-30-02	-	17,597	27,081	12,608	N/A	71.6%	0.0%
	6-30-00	-	16,186	27,241	11,089	N/A	68.5%	0.0%
	6-30-98	-	14,651	26,827	8,640	N/A	59.0%	0.0%
	6-30-96	-	13,138	23,618	6,259	N/A	47.6%	0.0%

### **Summary of Basic Provisions**

SCRS	PORS	GARS	JSRS	NGRS			
1. Membership	1. Membership						
All permanent, full-time and part-time employees of covered employers must join unless specifically exempted by statute or are eligible and elect to participate in the State ORP.	To be eligible for PORS membership, an employee must be required by the terms of his employment, by election or appointment, to preserve public order, protect life and property, and detect crimes in the state; to prevent and control property destruction by fire; be a coroner or deputy coroner in a full-time permanent position; or be a peace officer employed by the Department of Corrections, the Department of Juvenile Justice, or the Department of Mental Health. Probate judges and coroners may elect membership in PORS. Magistrates are required to participate in PORS for service as a magistrate. PORS members, other than magistrates and probate judges, must also earn at least \$2,000 per year and devote at least 1,600 hours per year to this work, unless exempted by statute.	Generally, all persons are required to participate upon taking office as member of the General Assembly unless exempted by statute.	All solicitors, judges of a Circuit or Family Court, and justices of the Court of Appeals and Supreme Court are required to participate upon taking office unless exempted by statute.	All individuals who began service in the South Carolina National Guard prior to July 1, 1993			
2. Employee Contributi	2. Employee Contributions						
<b>Class I</b> 5% of earnable compensation	Class I \$21 per month						
<b>Class II</b> 6.25% of earnable compensation	6.5% of earnable compensation	10% of earnable compensation	9% of earnable compensation	Not applicable as this is a non-contributory plan			
3. Employer Contributions							
<b>Class I</b> 4.25% of earnable compensation	<b>Class I</b> 7.8% of earnable compensation						
<b>Class II</b> 7.55% of earnable compensation	Class II 10.3% of earnable compensation	Annual lump-sum appropriation	41.65% of earnable compensation	Annual lump-sum appropriation			
<b>Group Life Insurance</b> 0.15% of earnable compensation	<b>Group Life Insurance</b> 0.2% of earnable compensation	Group Life Insurance Included within annual lump-sum appropriation	<b>Group Life Insurance</b> 0.45% of earnable compensation	<b>Group Life Insurance</b> Not applicable			
Accidental Death Program Not applicable	Accidental Death Program 0.2% of earnable compensation	Accidental Death Program Not applicable	Accidental Death Program Not applicable	Accidental Death Program Not applicable			

SCRS	PORS	GARS	JSRS	NGRS				
4. Requirements for So	4. Requirements for Service Annuity							
5 years earned service	5 years earned service	8 years service	10 years earned service in	20 years total creditable				
The member is entitled to a deferred reduced annuity at age 60.	The member is entitled to a deferred annuity at age 55.	The member is entitled to a deferred annuity at age 60.	position of judge; 8 years earned service in position of solicitor.  For members who joined prior to 7/1/2004, member is eligible for a deferred annuity at age 55 with 12 years in position. For members who joined after 6/30/2004, member is eligible for a deferred annuity at age 65.	military service, at least 15 of which must have been served in the South Carolina National Guard. Additionally, the last 10 years of service must have been served in the South Carolina National Guard.				
5. Normal Retirement	Age							
Age 65	Age 55	Age 60	Varies depending on service	Age 60				
6. Requirements for F	ull Service Retirement							
Age 65 or 28 years of credited service	Age 55 with 5 years of service or 25 years of credited service	Age 60 or 30 years of service	Age 70 with 15 years of service	Age 60 provided the member was honorably discharged				
The member must have a minimum of five years of	The member must have a minimum of five years of	Age 70 or 30 years of service while continuing to serve in the General Assembly	Age 65 with 20 years of service	from active duty with at least 20 years of total creditabale military service. Of that 20				
earned service to qualify for retirement.	earned service to qualify for retirement.	,	25 years of service as judge regardless of age	years of service, 15 years, and the final 10 years, must have been served in the South Carolina National Guard.				
			24 years of service as solicitor regardless of age					
			Age 65 with 4 years earned service as judge or solicitor and at least 25 years other service with the state if a member as of 6/30/2004.					
7. Early Retirement								
Age 60 with 5% reduction for each year of age under age 65	Age 55 with five years of service credit  The member must have a	Age 60 with 8 years of service credit	service in the position of a judge or 8 years of service in the position of a solicitor	Not applicable				
Age 55 with 25 years service, reduced 4% for each year of service under 28	minimum of five years of earned service to qualify for early retirement.		for members who joined the system prior to 7/1/2004. For members who joined					
The member must have a minimum of five years of earned service to qualify for early retirement.			after 6/30/2004, the age requirement is 65.					
8. Formula for Normal Service Retirement								
Class I	Class I	4.82% of earnable compen-	Annual allowance of 71.3%	For 20 years of service, retirees receive a \$50 monthly benefit. For each year of service beyond the 20 years, up to 30 years of service, the retiree receives an additional \$5. The maximum benefit a retiree can receive is \$100.				
1.45% of Average Final Compensation times years of credited service	\$10.97 per month for each year of service	sation times years of credited service	of the current active salary of the member's position.					
Class II 1.82% of Average Final	Class II 2.14% of Average Final Compensation times years of credited service		Benefit formula increases by 2.67% for each year of active service over 25 years for judges					
Compensation times years of credited service			or over 24 years for solicitors.  Continued on Next Page					

SCRS PORS GARS JSRS NGRS

#### 8. Formula for Normal Service Retirement (continued)

The monthly retirement allowance may not exceed 90% of the current active salary for the member's position. A member retiring after 2003 will receive an additional benefit equal to employee contributions and accumulated interest remitted after reaching the maximum 90% benefit.

#### 9. Requirements for Disability Retirement

5 years of earned service unless injury is job related 5 years of earned service unless injury is job related 5 years of credited service

5 years of credited service

Not applicable

#### 10. Formula for Disability Retirement

The disability retirement benefit based on a projection of service credit to age 65 with an actuarial reduction. The disability retirement benefit is based on a projection of service credit to age 55.

The disability retirement benefit is based on the greater of the following options:

- a. Service benefit based upon actual credited service or
- b. 50% of service benefit based on projection of service to earlier of age 60 or 35 years service.

The disability retirement benefit is based on the service retirement formula. Not applicable

#### 11. Benefit Options

#### Option A

(Maximum/Retiree Only)
Formula benefit as calculated

in item 8. Non-recovered contributions paid upon death.

#### Option B (100% - 100% Joint Retiree/Survivor)

Provides a reduced (from Option A) lifetime benefit that upon retiree's death continues to retiree's beneficiary.

#### Option C (100% - 50% Joint Retiree/ Survivor)

Provides a a reduced (from Option A) lifetime benefit that upon retiree's death will continue to retiree's beneficiary at 50% of the retiree's annuity.

Note: If a retiree selects Option B or Option C and all of the retiree's beneficiaries predecease the retiree, the retiree's benefit will revert to Option A.

#### Option A

(Maximum/Retiree Only)

Formula benefit as calculated in item 8. Non-recovered contributions paid upon death.

#### Option B

(100% - 100% Joint Retiree/Survivor)

Provides a reduced (from Option A) lifetime benefit that upon retiree's death continues to retiree's beneficiary.

#### Option C (100% - 50% Joint Retiree/ Survivor)

Provides a a reduced (from Option A) lifetime benefit that upon retiree's death will continue to retiree's beneficiary at 50% of the retiree's annuity.

Note: If a retiree selects Option B or Option C and all of the retiree's beneficiaries predecease the retiree, the retiree's benefit will revert to Option A.

#### Maximum Benefit (Retiree Only)

Formula benefit as calculated in item 8. Non-recovered contributions paid upon death.

#### Option 1

Provides a reduced (from the Maximum Benefit) lifetime benefit that upon retiree's death continues to retiree's beneficiary. Benefit will not revert to Maximum if all of the retiree's beneficiaries predecease the retiree.

#### Option 2

Provides a reduced (from the Maximum Benefit) lifetime benefit that upon retiree's death will continue to retiree's beneficiary at 50% of the retiree's annuity. Benefit will not revert to Maximum if all of the retiree's beneficiaries predecease the retiree.

**Continued on Next Page** 

#### Maximum Benefit Retiree/One-Third Spouse)

Formula as calculated in item 8. Continued annuity of one-third of member's benefit to a spouse beneficiary upon death of retiree or return of contributions to a designated non-spouse beneficiary.

#### **Optional Allowance**

Provides a reduced (from the Maximum Benefit) lifetime annuity that upon the retiree's death will continue at one-third of the retiree's annuity to a non-spouse beneficiary (or in equal shares to multiple beneficiaries).

Formula benefit as calculated in item 8.

**NGRS SCRS PORS GARS JSRS** 

#### 11. Benefit Options (continued)

#### Revert to Maximum (1A or 2A)

This feature will allow benefits to be changed to the Maximum Benefit if the retiree selects Option 1 or Option 2 and all of the retiree's beneficiaries predecease the retiree.

#### 12. Teacher and Employee Retention Incentive (TERI) Program Not applicable

TERI is a deferred retirement option program (DROP). Upon meeting retirement eligibility, a member can elect to retire and continue working under the TERI program for a maximum of five years, after which employment will cease. During TERI participation, the retirement annuity will not be paid to the TERI retirees, but monthly benefits will be accumulated in TERI accounts and will be distributed to the members upon termination of employment. For members retiring after June 30, 2005, a payment for unused annual leave is not included in calculating TERI benefits. Upon termination, however, benefits will be increased prospectively to include payment for up to 45 days annual leave paid at termination of employment. No interest is credited to the TERI account. TERI participants who entered the program after June 30, 2005, must continue to contribute at the same rate as active members. Those who entered prior to July 1, 2005, make no employee contributions while participating in TERI. No additional service credit is earned during this period and participants are ineligible for disability retirement benefits.

Not applicable

Not applicable

#### 13. Post Retirement Increase

Guaranteed increase of up to 1 percent provided that increase in Consumer Price Index as of prior December 31 is at least 1 percent. Increases in excess of 1 percent, Increase in Consumer Price Index, up to 4%. (Increases are not guaranteed and must be approved annually subject to compliance with statute.)

Retired member receives benefit based on current salary for member's position.

Retired member receives benefit based on current salary for member's position.

Cost-of-living increases are not provided.

**Continued on Next Page** 

SCRS PORS GARS JSRS NGRS

#### 13. Post Retirement Increase (continued)

up to a total of 4%, may be approved if the CPI increase exceeded 1 percent and if the unfunded liability amortization period for SCRS does not exceed 30 years.

#### 14. Accidental Death Program

Not applicable

Provides 50% of earnable compensation at time of accidental death in the line of duty as an annuity to either the surviving spouse, children, or parents.

Not applicable

Not applicable

Not applicable

#### 15. Group Life Insurance Benefits

- Lump-sum payment equal to one year's salary payable to the beneficiary upon the death of an active member with at least one year of service.
- No service requirement for death resulting from an injury arising out of the actual performance of duties for an active member.
- Lump-sum payment to retiree's beneficiary of up to \$6,000 based upon years of service at retirement. TERI participants and retired contributing members are eligible for an increased group life insurance benefit payment equal to their annual salary in lieu of the standard retired member benefit.
- Lump-sum payment equal to one year's salary payable to the beneficiary upon the death of an active member with at least one year of service.
- No service requirements for death resulting from an injury arising out of the actual performance of duties for an active member.
- Lump-sum payment to retiree's beneficiary of up to \$6,000 based upon year of service at retirement. Retired contributing members are eligible for an increased group life insurance benefit payment equal to their annual salary in lieu of the standard retired member benefit.
- Lump-sum payment equal to one year's salary payable to the beneficiary upon the death of an active member with at least one year of service.
- No service requirement for death resulting from an injury arising out of the actual performance of duties for an active member.
- Lump-sum payment to retiree's beneficiary of up to \$3,000 based upon years of service at retirement.
- Lump-sum payment equal to one year's salary payable to the beneficiary upon the death of an active member with at least one year of service.
- No service requirement for death resulting from an injury arising out of the actual performance of duties for an active member.
- Lump-sum payment to retiree's beneficiary of up to \$3,000 based upon years of service at retirement.

Not applicable

#### 16. Withdrawal of Employee Contributions

Accumulated contributions, plus interest, payable 90 days after termination of all covered employment.

Accumulated contributions, plus interest, payable 90 days after termination of all covered employment.

Accumulated contributions, plus interest, paid as promptly as feasible after request after termination of all covered employment. Accumulated contributions, plus interest, paid as promptly as feasible after request after termination of all covered employment. Not applicable as this is a non-contributory plan

- **al-pha** (ăl' fə) A measure of performance on a risk adjusted basis. It compares the difference between the fund's actual results and the results one would expect from a statistically average fund having the same betain the same category.
- **be-ta** (bā'tə) A statistical measurement that quantifies the degree of dispersion (variability) of a given set of data around the respective mean (average). Variance allows investors to measure the probability of obtaining a certain outcome.
- var-i-ance (vâr' ē-əns) A statistical measurement that quantifies the degree of variability of a given set of data around the respective mean, or average.

### Employee Contribution Rates<sup>1</sup> Most Recent 10 Fiscal Years

Fiscal Year Ended June 30,	SCRS	PORS	GARS	JSRS
2006	6.25%	6.50%	10.00%	9.00%
2005	6.00%	6.50%	10.00%	8.00%
2004	6.00%	6.50%	10.00%	7.00%
2003	6.00%	6.50%	10.00%	7.00%
2002	6.00%	6.50%	10.00%	7.00%
2001	6.00%	6.50%	10.00%	7.00%
2000	6.00%	6.50%	10.00%	7.00%
1999	6.00%	6.50%	10.00%	7.00%
1998	6.00%	6.50%	10.00%	7.00%
1997	6.00%	6.50%	10.00%	7.00%

<sup>&</sup>lt;sup>1</sup>The National Guard Retirement System is a non-contributory plan; therefore, employee contribution rates are not applicable.

### **Employer Contribution Rates**<sup>1</sup> **Most Recent 10 Fiscal Years**

		SCRS Class II <sup>2</sup>		PC	ORS Class I	$I^2$	JSRS		
Fiscal Year Ended June 30,	State Dept & Public Schools	Local Government	Group Life	All Employers	Group Life	Accidental Death	All Employers	Group Life	
2006	7.55%	7.55%	0.15%	10.30%	0.20%	0.20%	41.65%	0.45%	
2005	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	41.65%	0.45%	
2004	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	41.35%	0.75%	
2003	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.91%	0.75%	
2002	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.76%	0.75%	
2001	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.76%	0.75%	
2000	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.76%	0.75%	
1999	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.76%	0.75%	
1998	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.69%	0.82%	
1997	7.55%	6.70%	0.15%	10.30%	0.20%	0.20%	40.69%	0.82%	

<sup>&</sup>lt;sup>1</sup>Employer contributions for the General Assembly Retirement System (GARS) are paid as an annual lump-sum appropriation, in which group life contributions are included. Employer contributions for the National Guard Retirement System (NGRS) are paid through an annual State appropriation.

<sup>&</sup>lt;sup>2</sup>For employers with retiree insurance coverage, an additional retiree health insurance surcharge is collected and remitted by the Retirement Systems to the Employee Insurance Program; however, these rates are not considered employer retirement contributions and therefore are not included in this schedule.

# South Carolina Retirement Systems 10 Year Schedule of Net Assets and 10 Year Schedule of Changes in Net Assets (Amounts expressed in thousands)

Plan Net Assets					
As of June 30,	2006	2005	2004	2003	2002
Assets					
Cash & Cash Equivalents, Receivables, and					
Prepaid Expenses	\$ 2,078,394	\$ 3,137,913	\$ 3,087,343	\$ 3,173,518	\$ 3,027,811
Total Investments, at fair value	24,114,946	22,652,248	21,427,345	19,694,444	18,219,578
Securities lending cash collateral invested	4,372,175	4,110,377	3,698,749	3,912,893	3,174,643
Property, net of accumulated depreciation	3,696	3,814	3,933	4,052	4,171
Total Assets	30,569,211	29,904,352	28,217,370	26,784,907	24,426,203
Liabilities					
Deferred retirement benefits	670,527	884,776	649,385	424,906	229,590
Obligations under securities lending	4,372,175	4,110,377	3,698,749	3,912,893	3,174,643
Other accounts payable	144,561	100,752	86,497	67,738	70,414
Total Liabilities	5,187,263	5,095,905	4,434,631	4,405,537	3,474,647
Total Net Assets	\$ 25,381,948	\$ 24,808,447	\$ 23,782,739	\$ 22,379,370	\$ 20,951,556
Changes in Plan Net Assets					
Year Ended June 30,	2006	2005	2004	2003	2002
Additions					
Employee Contributions	\$ 567,908	\$ 495,012	\$ 473,688	\$ 465,709	\$ 472,490
Employer Contributions	686,431	638,487	612,727	607,499	606,272
Investment Income	1,282,360	1,684,122	1,985,109	1,859,758	190,007
Other Income	5,399	4,188	5,232	4,350	5,455
<b>Total Additions</b>	2,542,098	2,821,809	3,076,756	2,937,316	1,274,224
Deductions					
Total Annuities	1,823,085	1,681,582	1,561,371	1,405,309	1,278,304
Refunds	121,841	80,906	78,423	71,657	75,303
Group Life	16,837	15,195	15,202	16,366	15,119
Administrative & other expenses	20,898	18,418	18,391	16,170	16,643
<b>Total Deductions</b>	1,982,661	1,796,101	1,673,387	1,509,502	1,385,369
Increase (Decrease) in Net Assets	559,437	1,025,708	1,403,369	1,427,814	(111,145)
Transfer from State Adjutant General's Office	14,064	-	-	-	-
<b>Total Increase (Decrease) in Net Assets</b>	573,501	1,025,708	1,403,369	1,427,814	(111,145)
Beginning Net Assets	24 909 447	22 792 720	22,379,370	20.051.556	21,062,701
Deginining iver Assets	24,808,447	23,782,739	22,3/9,3/0	20,951,556	21,002,701

# South Carolina Retirement Systems 10 Year Schedule of Net Assets and 10 Year Schedule of Changes in Net Assets (Amounts expressed in thousands)

Plan Net Assets As of June 30,	2001	2000	1999	1998	1997
Assets					
Cash & Cash Equivalents, Receivables, and	¢ 2.00€.027	¢ 2.000.0 <del>7</del> 2	¢ 1 226 040	¢ 2.252.040	¢ 000.625
Prepaid Expenses Total Investments, at fair value	\$ 2,986,937	\$ 2,999,073	\$ 1,236,948	\$ 2,353,019	\$ 909,625
	18,232,312	16,706,486	17,599,130	16,073,408	15,322,755
Securities lending cash collateral invested Property, net of accumulated depreciation	1,691,977 4,289	1,413,893 4,408	1,438,860	1,526,258 4,646	1,395,996 4,765
Total Assets	22,915,515	21,123,860	4,527 20,279,465	19,957,331	17,633,141
Iotal Assets	22,913,313	21,123,000	20,279,463	19,957,551	17,033,141
Liabilities					
Deferred retirement benefits	54,644	-	-	-	-
Obligations under securities lending	1,691,977	1,413,893	1,438,860	1,526,258	1,395,996
Other accounts payable	106,193	50,789	58,096	74,892	23,681
Total Liabilities	1,852,814	1,464,682	1,496,956	1,601,150	1,419,677
Total Net Assets	\$ 21,062,701	\$ 19,659,178	\$ 18,782,509	\$ 18,356,181	\$ 16,213,464
Changes in Plan Net Assets					
Year Ended June 30,	2001	2000	1999	1998	1997
Additions					
Employee Contributions	\$ 493,719	\$ 429,848	\$ 400,290	\$ 380,406	\$ 346,895
Employer Contributions	593,298	540,476	497,712	472,170	443,366
Investment Income	1,453,721	891,325	450,692	2,126,595	1,352,977
Other Income	5,778	5,899	6,323	8,058	6,430
<b>Total Additions</b>	2,546,516	1,867,548	1,355,017	2,987,229	2,149,668
Deductions					
Total Annuities	1,031,203	879,382	809,465	749,507	682,134
Refunds	80,430	83,182	95,576	70,174	59,985
Group Life	14,297	11,481	8,532	10,660	8,958
Administrative & other expenses	17,063	16,834	15,116	14,171	12,058
Total Deductions	1,142,993	990,879	928,689	844,512	763,135
Increase (Decrease) in Net Assets	1,403,523	876,669	426,328	2,142,717	1,386,533
Transfer from State Adjutant General's Office	-	-	-	-	-
<b>Total Increase (Decrease) in Net Assets</b>	1,403,523	876,669	426,328	2,142,717	1,386,533
Beginning Net Assets	19,659,178	18,782,509	18,356,181	16,213,464	14,826,931
<b>Ending Net Assets</b>	\$ 21,062,701	\$ 19,659,178	\$ 18,782,509	\$ 18,356,181	\$ 16,213,464

### Pension Trust Funds Additions by Source (Amounts expressed in thousands)

Year Ended June 30,	Employee Contributions <sup>1</sup>	Employer Contributions <sup>1</sup>	Investment Income <sup>2</sup>	Other	Total								
	9	outh Carolina Retireme	nt System (SCRS)										
2006	\$ 498,458	\$ 577,468	\$ 1,134,639	\$ 1,741	\$ 2,212,306								
2005	433,254	538,809	1,496,887	1,982	2,470,932								
2004	414,967	515,996	1,759,686	2,328	2,692,977								
2003	408,359	512,345	1,662,781	2,688	2,586,173								
2002	413,905	509,044	170,284	3,141	1,096,374								
2001	435,075	491,329	1,293,997	3,518	2,223,919								
2000	379,491	455,914	792,282	3,873	1,631,560								
1999	353,119	419,918	393,856	4,356	1,171,249								
1998	335,849	398,845	1,904,740	4,880	2,644,314								
1997	306,678	374,452	1,212,272	5,305	1,898,707								
Police Officers Retirement System (PORS)													
2006	69,254	101,447	139,785	60	310,546								
2005	60,110	91,291	175,849	64	327,314								
2004	58,202	88,867	212,201	72	359,342								
2003	56,581	87,084	184,177	82	327,924								
2002	57,778	89,366	18,670	92	165,906								
2001	56,952	94,312	149,574	104	300,942								
2000	50,438	76,267	93,425	113	220,243								
1999	46,211	70,197	53,304	124	169,836								
1998	44,590	66,619	207,998	132	319,339								
1997	38,931	62,038	131,834	137	232,940								
	General Assembly Retirement System (GARS)												
2006	584	2,171	2,086	-	4,841								
2005	935	2,890	3,238	_	7,063								
2004	513	2,731	4,031	-	7,275								
2003	619	2,577	4,005	-	7,201								
2002	643	2,627	28	-	3,298								
2001	904	2,510	3,022	-	6,436								
2000	638	2,636	1,827	-	5,101								
1999	783	2,768	1,180	-	4,731								
1998	686	2,796	4,337	-	7,819								
1997	566	2,492	2,922	-	5,980								
	Jud	ges and Solicitors Retire	ment System (JSRS)										
2006	1,744	6,511	5,761	-	14,016								
2005	2,092	6,260	8,148	-	16,500								
2004	1,893	6,078	9,191	-	17,162								
2003	1,209	6,014	8,795	-	16,018								
2002	1,628	5,993	1,025	-	8,646								
2001	2,216	5,875	7,128	-	15,219								
2000	1,194	5,659	3,791	-	10,644								
1999	1,364	5,485	2,352	-	9,201								
1998	1,246	4,991	9,520	-	15,757								
1997	1,321	4,771	5,949	-	12,041								
	N	ational Guard Retireme	nt System (NGRS)										
$2006^{3}$	-	-	89	300	389								

<sup>&</sup>lt;sup>1</sup>Includes transfers between systems.

<sup>&</sup>lt;sup>2</sup>Includes unrealized gains and losses in accordance with GASB Statement 25.

<sup>&</sup>lt;sup>3</sup>The South Carolina Retirement Systems did not assume administrative responsibilities for the National Guard Retirement System until January 1, 2006; therefore, prior year data is not presented.

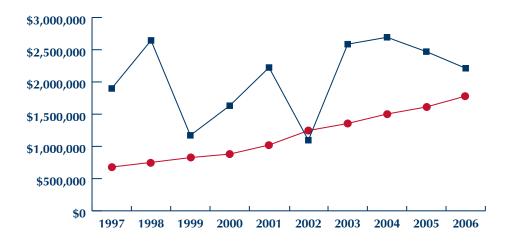
## Pension Trust Funds Deductions by Type (Amounts expressed in thousands)

Year Ended June 30,	Refunds	Annuity Expenses	Group Life Expenses	Administrative and Other Expenses	Total
		South Carolina Retiren	nent System (SCRS)		
2006	\$ 108,569	\$ 1,639,238	\$ 14,875	\$ 18,545	\$ 1,781,227
2005	67,434	1,514,219	13,710	16,485	1,611,848
2004	66,505	1,405,958	13,515	16,425	1,502,403
2003	60,133	1,266,348	14,759	14,447	1,355,687
2002	63,936	1,153,538	13,492	14,910	1,245,876
2001	68,894	924,240	12,850	15,374	1,021,358
2000	72,452	783,170	10,026	15,175	880,823
1999	84,536	720,234	7,873	13,659	826,302
1998	61,629	667,705	9,277	12,822	751,433
1997	52,568	608,227	7,957	10,899	679,651
		Police Officers Retirem	ient system (PORS)		
2006	13,248	167,077	1,821	1,968	184,114
2005	13,441	152,588	1,468	1,823	169,320
2004	11,918	141,461	1,555	1,732	156,666
2003	11,452	125,671	1,594	1,572	140,289
2002	11,214	112,166	1,608	1,520	126,508
2001	11,498	95,340	1,399	1,551	109,788
2000	10,643	85,235	1,404	1,525	98,807
1999	10,940	78,477	644	1,332	91,393
1998 1997	8,482 7,392	71,931 64,713 <b>General Assembly Retire</b>	1,373 919	1,111 1,084	82,897 74,108
		,	,		
2006	-	5,726	17	98	5,841
2005	31	5,560	16	33	5,640
2004	-	5,347	8	162	5,51 <i>7</i>
2003	72	5,073	5	84	5,234
2002	23	4,537	12	148	4,720
2001	38	4,197	42	71	4,348
2000	16	3,998	36	67	4,117
1999	49	3,941	9	65	4,064
1998	63	3,771	9	188	4,031
1997	25	3,751	77	25	3,878
	J	udges and Solicitors Reti	rement System (JSKS)		
2006	20	9,677	124	83	9,904
2005		9,215	1	77	9,293
2004 2003	- - 120	8,605 8,217	124 8	72 67	8,801 8,292
2002	130	8,063	7	65	8,265
2001	-	7,426	6	67	7,499
2000	71	6,979	15	67	7,132
1999	51	6,813	6	60	6,930
1998	-	6,100	1	50	6,151
1997	-	5,443	5	50	5,498
2 /		National Guard Retiren			5,.50
2006 <sup>1</sup>	-	1,371	-	204	1,575

<sup>&</sup>lt;sup>1</sup>The South Carolina Retirement Systems did not assume administrative responsibilities for the National Guard Retirement System until January 1, 2006; therefore, prior year data is not presented.

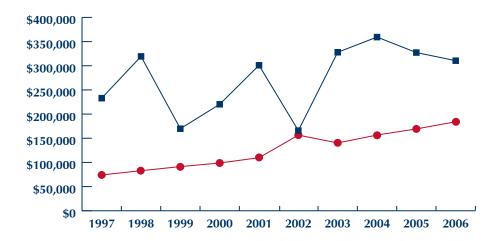
### **South Carolina Retirement System Pension Trust Funds Additions and Deductions**

(Amounts expressed in thousands)



Total Additions (Employee and Employer Contributions, Investment Income and Other)
 Total Deductions (Refunds, Annuities, Group Life & Administrative and Other Expenses)

# Police Officers Retirement System Pension Trust Funds Additions and Deductions (Amounts expressed in thousands)

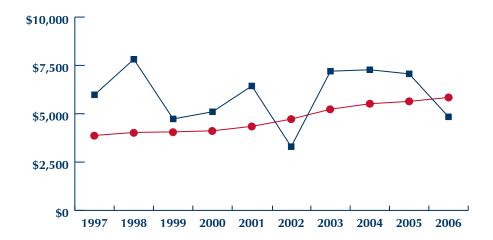


**■** Total Additions (Employee and Employer Contributions, Investment Income and Other)

Total Deductions (Refunds, Annuities, Group Life & Administrative and Other Expenses)

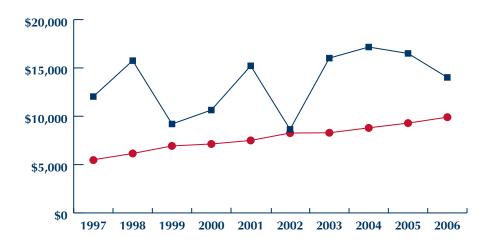
# **General Assembly Retirement System Pension Trust Funds Additions and Deductions**

(Amounts expressed in thousands)



- **■** Total Additions (Employee and Employer Contributions, Investment Income and Other)
- Total Deductions (Refunds, Annuities, Group Life & Administrative and Other Expenses)

# Judges and Solicitors Retirement System Pension Trust Funds Additions and Deductions (Amounts expressed in thousands)



- **■** Total Additions (Employee and Employer Contributions, Investment Income and Other)
- **Total Deductions (Refunds, Annuities, Group Life & Administrative and Other Expenses)**

## Pension Trust Funds Benefit Expenses by Type (Amounts expressed in thousands)

Year Ended		Refunds	Anr	uity Expenses	Group Lit	Group Life Expenses			
June 30,	Member	Survivor/Other	Membe	r Survivor/Oth	ner Active	Retired	Total		
		So	outh Carolina R	etirement System (SO	CRS)				
2006	\$ 104,72	28 \$ 3,841	\$ 1,570,	938 \$ 68,3	800 \$ 6,823	\$ 8,052	\$ 1,762,682		
2005	63,4	17 4,017	1,450,	383 63,3	6,534	7,176	1,595,363		
2004	62,12	24 4,381	1,345,	337 60,1	6,203	7,312	1,485,978		
2003	56,33	77 3,756	1,209,	521 56,7	727 7,341	7,418	1,341,240		
2002	60,12	,	1,099,	953 53,5	6,898	6,594	1,230,966		
2001	65,70	· · · · · · · · · · · · · · · · · · ·		· ·		5,903	1,005,984		
2000	69,40	,			,	3,047	865,648		
1999	82,58	39 1,947	678,	,	the state of the s	3,071	812,643		
1998	58,88	36 2,743			901 6,344	2,933	738,611		
1997	50,23	39 2,329	573,	137 35,0	90 5,158	2,799	668,752		
		Po	olice Officers Re	etirement System (PC	ORS)				
2006	12,6	13 639	155,	241 11,8	332 1,015	806	182,146		
2005	13,0	17 424	141,	493 11,0	95 859	609	167,497		
2004	11,53	25 393	131,	104 10,3	357 976	579	154,934		
2003	11,1!	55 297	116,	180 9,4	191 978	616	138,717		
2002	10,82	29 385	103,	286 8,8	380 1,056	552	124,988		
2001	10,98	33 515	87,	208 8,1	132 878	521	108,237		
2000	10,38	32 261	77,	143 7,3	356 1,082	322	96,546		
1999	10,64	49 291	71,	546 6,9	931 286	358	90,061		
1998	8,23	38 244	65,	379 6,5	552 1,077	296	81,786		
1997	7,23	33 159	58,	650 6,0	063 602	317	73,024		
		Ger	neral Assembly	Retirement System (	GARS)				
2006			4,	598 1,1	- 28	17	5,743		
2005		- 31	4,	1,0	)67 -	16	5,607		
2004		-	4,	303 1,0	)44 -	8	5,355		
2003		70 2	4,	045 1,0	)28 -	5	5,150		
2002		21 2	3,	542	995 -	12	4,572		
2001		- 38	3,	308	389 26	16	4,277		
2000		3 13	3,	178 8	320 23	13	4,050		
1999	4	49 -	3,	108	- 333	9	3,999		
1998		- 63	3,	019 7	- 752	9	3,843		
1997		- 25	3,	001 7	750 70	7	3,853		
		Judg	es and Solicitor	s Retirement System	(JSRS)				
2006		- 20	8,	311 1,3	366 122	2	9,821		
2005		-	7,	957 1,2	258 -	1	9,216		
2004		-	7,	382 1,2	223 117	7	8,729		
2003		-	7,	047 1,1	- 170	8	8,225		
2002	13	- 30			- 114	7	8,200		
2001		-			)46 -	6	7,432		
2000		71 -	6,	043		15	7,065		
1999	!	51 -	6,	022 7	- '91	6	6,870		
1998		-	5,	368	- 732	1	6,101		
1997			4,	587 7	<sup>7</sup> 56 -	5	5,448		
		Na	tional Guard Re	tirement System (NO	GRS)				
2006 <sup>1</sup>			1,	370	1 -	-	1,371		

<sup>&</sup>lt;sup>1</sup>The South Carolina Retirement Systems assumed administration of the National Guard Retirement System effective January 1, 2006; therefore, comparative totals for prior fiscal years are not presented.

#### South Carolina Retirement System Retired Members by Type of Benefit As of June 30, 2006

Monthly	Number of Annuitant												
Benefit	Payees	Type 1	Type 2	Type 3	Type 4	Type 5	Opt 0	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6
\$ 1-\$ 250	10,044	2,298	5,554	1,159	674	359	6,964	160	1,156	366	229	859	310
\$ 251 - \$ 500	12,753	2,236	6,567	1,041	2,342	567	8,919	207	1,242	457	353	1,005	570
\$ 501 - \$ 750	9,837	1,971	4,708	815	2,029	314	6,728	153	816	359	450	757	574
\$ 751 - \$ 1,000	7,936	2,217	3,341	620	1,562	196	5,173	132	685	245	575	639	487
\$ 1,001 - \$ 1,250	7,048	3,056	2,293	408	1,156	135	4,238	133	488	236	776	604	573
\$ 1,251 - \$ 1,500	6,599	3,631	1,679	305	894	90	3,804	126	442	176	973	566	512
\$ 1,501 - \$ 1,750	5,915	3,991	1,091	221	556	56	3,029	88	265	154	1,253	616	510
\$ 1,751 - \$ 2,000	6,035	4,709	703	161	434	28	3,336	82	218	123	1,024	598	654
Over \$2,000	21,986	19,263	1,249	497	929	48	13,038	262	965	698	2,831	1,634	2,558
Deferred	8,830	7,117	1,713	-	-	-	5,989	-	-	-	-	1,566	1,275
Totals	96,983	50,489	28,898	5,227	10,576	1,793	61,218	1,343	6,277	2,814	8,464	8,844	8,023

Type 1: Normal Retirement for Age and Service

Type 2: Early Retirement
Type 3: Beneficiary Payment
Type 4: Disability Payment

Type 5: Beneficiary Payment, Disability Payment

Option 0: Maximum Benefit

Option 1: 10-Year Beneficiary Protection Option 2: Survivor Benefit, Full Payment Option 3: Survivor Benefit, Half Payment Option 4: Social Security Option

Option 5: Survivor Benefit, Full Payment, Revert to Maximum Option 6: Survivor Benefit, Half Payment, Revert to Maximum

#### Police Officers Retirement System Retired Members by Type of Benefit As of June 30, 2006

Monthly Benefit	Number of Annuitant Payees	Type 1	Type 2	Type 3	Type 4	Type 5	Opt 0	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6
\$ 1-\$ 250	862	555	128	148	16	15	458	97	47	102	-	105	53
\$ 251 - \$ 500	1,195	766	98	182	106	43	635	137	62	102	6	177	76
\$ 501 - \$ 750	1,189	747	59	164	177	42	668	138	44	112	23	120	84
\$ 751 - \$ 1,000	1,080	641	54	123	216	46	583	95	42	111	13	135	101
\$ 1,001 - \$ 1,250	943	558	59	97	209	20	502	60	42	108	19	104	108
\$ 1,251 - \$ 1,500	857	486	51	92	216	12	419	63	38	113	22	94	108
\$ 1,501 - \$ 1,750	833	557	46	37	186	7	445	35	18	119	5	100	111
\$ 1,751 - \$ 2,000	702	507	30	35	127	3	369	33	20	100	2	80	98
Over \$2,000	2,546	2,154	29	61	296	6	1,400	75	84	458	2	173	354
Totals	10,207	6,971	554	939	1,549	194	5,479	733	397	1,325	92	1,088	1,093

Type 1: Normal Retirement for Age and Service

Type 2: Early Retirement
Type 3: Beneficiary Payment
Type 4: Disability Payment

Type 5: Beneficiary Payment, Disability Payment

Option 0: Maximum Benefit

Option 1: Survivor Benefit, Full Payment Option 2: Survivor Benefit, Half Payment

Option 3: Social Security Option

Option 4: Accidental Death Survivor Benefit

Option 5: Survivor Benefit, Full Payment, Revert to Maximum Option 6: Survivor Benefit, Half Payment, Revert to Maximum

Note: Monthly benefit amounts represent current payment levels for all annuitant payees receiving monthly benefits, including any applicable cost-of-living adjustments (COLAs).

#### General Assembly Retirement System Retired Members by Type of Benefit As of June 30, 2006

Monthly Benefit	Number of Annuitant Payees	Type 1	Type 2	Type 3	Type 4	Type 5	Opt 0	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6
\$ 1-\$ 250	11	5	3	3	_	_	7	1	2	-	_	1	-
\$ 251 - \$ 500	18	6	1	11	_	_	3	6	2	-	_	3	4
\$ 501 - \$ 750	28	17	2	9	-	-	10	10	-	-	-	6	2
\$ 751 - \$ 1,000	41	30	3	8	-	-	20	8	3	-	-	7	3
\$ 1,001 - \$ 1,250	25	14	2	9	-	-	6	12	1	-	-	2	4
\$ 1,251 - \$ 1,500	27	13	2	11	1	-	7	8	5	-	-	4	3
\$ 1,501 - \$ 1,750	56	37	9	10	-	-	8	28	7	-	-	8	5
\$ 1,751 - \$ 2,000	40	33	5	2	-	-	22	4	8	-	-	2	4
Over \$2,000	71	54	5	12	-	-	25	24	8	-	-	12	2
Totals	317	209	32	75	1	_	108	101	36	-	_	45	27

Type 1: Normal Retirement for Age and Service

Type 2: Early Retirement
Type 3: Beneficiary Payment

Type 4: Disability Payment

Option 0: Maximum Benefit

Option 1: Survivor Benefit, Full Payment

Option 2: Survivor Benefit, Half Payment

Option 5: Survivor Benefit, Full Payment, Revert to Maximum Option 6: Survivor Benefit, Half Payment, Revert to Maximum

#### Judges and Solicitors Retirement System Retired Members by Type of Benefit As of June 30, 2006

Monthly Benefit	Number of Annuitant Payees	Type 1	Type 2	Type 3	Type 4	Type 5	Opt 0	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6
\$ 1-\$ 250	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 251 - \$ 500	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 501 - \$ 750	4	-	-	4	-	-	1	3	-	-	-	-	-
\$ 751 - \$ 1,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,001 - \$ 1,250	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,251 - \$ 1,500	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,501 - \$ 1,750	1	-	-	1	-	-	-	1	-	-	-	-	-
\$ 1,751 - \$ 2,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Over \$2,000	139	86	9	43	1	-	136	3	-	-	-	-	-
Totals	144	86	9	48	1	-	137	7	-	-	-	-	-

Type 1: Normal Retirement for Age and Service

Type 2: Early Retirement Type 3: Beneficiary Payment

Type 4: Disability Payment

Option 0: Maximum Benefit with Spouse Beneficiary
Option 1: Reduced Benefit with Non-Spouse Beneficiary

Note: Monthly benefit amounts represent current payment levels for all annuitant payees receiving monthly benefits, including any applicable cost-of-living adjustments (COLAs).

#### National Guard Retirement System Retired Members by Type of Benefit As of June 30, 2006

Monthly Benefit	Number of Annuitant Payees	Type 1	Type 2	Type 3	Type 4	Type 5	Opt 0	Opt 1	Opt 2	Opt 3	Opt 4	Opt 5	Opt 6
\$ 1-\$ 250	2,930	2,929	_	1	-	-	2,930	-	-	-	-	-	-
\$ 251 - \$ 500	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 501 - \$ 750	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 751 - \$ 1,000	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,001 - \$ 1,250	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,251 - \$ 1,500	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,501 - \$ 1,750	-	-	-	-	-	-	-	-	-	-	-	-	-
\$ 1,751 - \$ 2,000	-	-	-	-	-	-	-	-	-	-	-	-	-
Over \$2,000		-	-	-	-	-	-	-	-	-	-	-	_
Totals	2,930	2,929	-	1	-	-	2,930	-	-	-	-	-	-

Type 1: Normal Retirement for Age and Service

Type 3: Beneficiary Payment

Option 0: Maximum Benefit

Note: Monthly benefit amounts represent current payment levels for all annuitant payees receiving monthly benefits, including any applicable cost-of-living adjustments (COLAs).

## **South Carolina Retirement System Retired Members by Years of Service**

				Years of Cro	edited Servic	e		
	0 to 5	5+ to 10	10+ to 15	15+ to 20	20+ to 25	25+ to 30	30 Plus	Avgs/Tot
Period 07/01/1996 to 06/30/1997 Average Monthly Benefit Average AFC Number of Retired Members	\$ 124.32 \$ 18,427.20 102	•	•		\$ 860.56 \$ 26,462.22 489	\$ 1,287.31 \$ 32,328.42 495	\$ 2,073.63 \$ 40,786.49 1,029	\$ 1,084.58 \$ 29,540.15 3,580
Period 07/01/1997 to 06/30/1998 Average Monthly Benefit Average AFC Number of Retired Members	\$ 144.31 \$ 20,268.80 102	•	•	•	\$ 934.92 \$ 29,071.19 519	\$ 1,343.80 \$ 33,911.06 554	\$ 2,122.34 \$ 42,099.95 1,242	\$ 1,161.87 \$ 31,585.31 4,010
Period 07/01/1998 to 06/30/1999 Average Monthly Benefit Average AFC Number of Retired Members	\$ 143.34 \$ 19,957.51 135	·	•		\$ 915.35 \$ 28,126.30 527	\$ 1,392.87 \$ 35,502.14 616	\$ 2,152.73 \$ 43,006.04 1,516	\$ 1,232.56 \$ 32,855.54 4,397
Period 07/01/1999 to 06/30/2000 Average Monthly Benefit Average AFC Number of Retired Members	\$ 147.75 \$ 22,228.15 130	+	•		\$ 986.61 \$ 30,352.07 547	\$ 1,432.88 \$ 35,538.78 649	\$ 2,273.85 \$ 45,707.40 1,827	\$ 1,364.85 \$ 35,236.49 4,744
Period 07/01/2000 to 06/30/2001 Average Monthly Benefit Average AFC Number of Retired Members	\$ 139.87 \$ 22,055.96 150	•	•		\$ 1,067.68 \$ 33,705.50 641		\$ 2,414.38 \$ 50,799.83 4,477	\$ 1,811.98 \$ 43,675.17 11,887
Period 07/01/2001 to 06/30/2002 Average Monthly Benefit Average AFC Number of Retired Members	\$ 150.52 \$ 25,542.99 146				\$ 1,111.28 \$ 35,115.91 574		\$ 2,412.15 \$ 51,892.15 1,029	\$ 1,467.40 \$ 39,864.31 6,883
Period 07/01/2002 to 06/30/2003 Average Monthly Benefit Average AFC Number of Retired Members	\$ 160.51 \$ 26,247.00 169	•			\$ 1,128.80 \$ 36,321.55 540		\$ 2,507.94 \$ 54,400.97 916	\$ 1,543.58 \$ 42,051.16 7,379
Period 07/01/2003 to 06/30/2004 Average Monthly Benefit Average AFC Number of Retired Members	\$ 150.60 \$ 22,197.94 148	•			\$ 1,124.20 \$ 36,002.21 501		\$ 2,617.79 \$ 56,728.93 637	\$ 1,513.73 \$ 42,075.19 7,232
Period 07/01/2004 to 06/30/2005 Average Monthly Benefit Average AFC Number of Retired Members	\$ 180.54 \$ 26,278.25 128	•		•			\$ 2,570.26 \$ 54,813.98 504	
Period 07/01/2005 to 06/30/2006 Average Monthly Benefit Average AFC Number of Retired Members	\$ 197.15 \$ 27,203.53 86				\$ 1,183.11 \$ 37,323.27 448		\$ 2,239.12 \$ 47,637.73 193	\$ 1,182.09 \$ 37,122.70 4,443
10 Year Averages Average Monthly Benefit Average AFC Number of Retired Members	\$ 153.08 \$ 23,143.04 1,296				\$ 1,051.40 \$ 33,085.64 5,400		\$ 2,331.43 \$ 48,360.83 13,370	\$ 1,459.08 \$ 39,103.90 61,760

## **Police Officers Retirement System Retired Members by Years of Service**

				Years of Cro	edited Servic	e		
	0 to 5	5+ to 10	10+ to 15	15+ to 20	20+ to 25	25+ to 30	30 Plus	Avgs/Tot
Period 07/01/1996 to 06/30/1997 Average Monthly Benefit Average AFC Number of Retired Members	\$ 233.25 \$ 25,087.33 30	•			\$ 1,382.33 \$ 31,248.23 59			\$ 1,171.27 \$ 31,471.99 423
Period 07/01/1997 to 06/30/1998 Average Monthly Benefit Average AFC Number of Retired Members	\$ 286.67 \$ 28,347.28 38	•			\$ 1,440.01 \$ 34,955.09 43		\$ 2,815.67 \$ 49,157.81 22	
Period 07/01/1998 to 06/30/1999 Average Monthly Benefit Average AFC Number of Retired Members	\$ 219.30 \$ 26,010.84 44				\$ 1,382.98 \$ 31,951.68 57			\$ 1,254.59 \$ 32,851.63 521
Period 07/01/1999 to 06/30/2000 Average Monthly Benefit Average AFC Number of Retired Members	\$ 220.86 \$ 30,500.64 31	•			\$ 1,519.80 \$ 35,870.75 48		\$ 2,615.87 \$ 45,558.11 51	\$ 1,356.63 \$ 35,573.46 531
Period 07/01/2000 to 06/30/2001 Average Monthly Benefit Average AFC Number of Retired Members	\$ 294.07 \$ 36,454.35 73	•			\$ 1,510.40 \$ 36,850.53 66		\$ 2,872.16 \$ 50,681.30 62	
Period 07/01/2001 to 06/30/2002 Average Monthly Benefit Average AFC Number of Retired Members	\$ 285.46 \$ 40,201.77 83	•			\$ 1,623.61 \$ 40,085.35 87		\$ 3,128.02 \$ 55,512.13 93	\$ 1,478.69 \$ 40,736.23 922
Period 07/01/2002 to 06/30/2003 Average Monthly Benefit Average AFC Number of Retired Members	\$ 277.51 \$ 37,817.53 81	·			\$ 1,560.15 \$ 39,947.22 83		\$ 3,218.15 \$ 58,536.22 93	\$ 1,512.11 \$ 42,833.57 881
Period 07/01/2003 to 06/30/2004 Average Monthly Benefit Average AFC Number of Retired Members	\$ 283.51 \$ 34,019.96 60	•			\$ 1,648.24 \$ 41,825.61 80		\$ 3,072.37 \$ 54,979.45 53	\$ 1,443.82 \$ 40,421.72 795
Period 07/01/2004 to 06/30/2005 Average Monthly Benefit Average AFC Number of Retired Members	\$ 350.48 \$ 39,210.66 69	•					\$ 3,167.63 \$ 58,310.32 34	
Period 07/01/2005 to 06/30/2006 Average Monthly Benefit Average AFC Number of Retired Members	\$ 397.99 \$ 35,168.45 42				\$ 1,796.97 \$ 43,224.50 71		\$ 3,324.61 \$ 61,263.08 34	\$ 1,487.82 \$ 42,811.81 666
10 Year Averages Average Monthly Benefit Average AFC Number of Retired Members	\$ 290.26 \$ 34,854.87 551				\$ 1,578.44 \$ 38,651.72 675		\$ 2,978.07 \$ 53,152.17 516	

#### **General Assembly Retirement System Retired Members by Years of Service**

				Years of Cre	edited Servic	e		
	0 to 5	5+ to 10	10+ to 15	15+ to 20	20+ to 25	25+ to 30	30 Plus	Avgs/Tot
Period 07/01/1996 to 06/30/1997 Average Monthly Benefit Average AFC Number of Retired Members	\$ 179.95 \$ 22,400.00 3	•			\$ 1,662.43 \$ 22,400.00 1			\$ 1,082.00 \$ 22,400.00 16
Period 07/01/1997 to 06/30/1998 Average Monthly Benefit Average AFC Number of Retired Members	\$ 22.27 \$ 22,400.00 1	\$ 618.21 \$ 22,400.00 2		\$ 1,076.98 \$ 22,400.00 1		- - -	- - -	\$ 1,155.55 \$ 22,800.00 9
Period 07/01/1998 to 06/30/1999 Average Monthly Benefit Average AFC Number of Retired Members	\$ 179.95 \$ 22,400.00 1	•					\$ 2,250.23 \$ 22,400.00 2	
Period 07/01/1999 to 06/30/2000 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -		\$ 1,761.95 \$ 22,400.00 6	-	-	\$ 1,761.83 \$ 22,400.00 6
Period 07/01/2000 to 06/30/2001 Average Monthly Benefit Average AFC Number of Retired Members	- - -	\$ 647.16 \$ 22,400.00 2					\$ 3,250.49 \$ 25,955.55 9	
Period 07/01/2001 to 06/30/2002 Average Monthly Benefit Average AFC Number of Retired Members	- - -						\$ 2,617.34 \$ 22,400.00 2	
Period 07/01/2002 to 06/30/2003 Average Monthly Benefit Average AFC Number of Retired Members	- - -	\$ 788.91 \$ 22,400.00 5			\$ 1,916.75 \$ 22,400.00 5		\$ 2,760.89 \$ 23,727.27 11	
Period 07/01/2003 to 06/30/2004 Average Monthly Benefit Average AFC Number of Retired Members	- - -			\$ 1,579.78 \$ 22,400.00 2		- - -	- - -	\$ 1,714.25 \$ 23,233.33 12
Period 07/01/2004 to 06/30/2005 Average Monthly Benefit Average AFC Number of Retired Members	- - -						\$ 2,567.82 \$ 22,400.00 3	
Period 07/01/2005 to 06/30/2006 Average Monthly Benefit Average AFC Number of Retired Members	- - -						\$ 2,691.46 \$ 22,400.00 2	
10 Year Averages Average Monthly Benefit Average AFC Number of Retired Members	\$ 148.41 \$ 22,400.00 5	•					\$ 2,842.95 \$ 24,006.89 29	

#### **Judges and Solicitors Retirement System Retired Members by Years of Service**

				Years of Cro	edited Servic	e		
	0 to 5	5+ to 10	10+ to 15	15+ to 20	20+ to 25	25+ to 30	30 Plus	Avgs/Tot
Period 07/01/1996 to 06/30/1997 Average Monthly Benefit Average AFC Number of Retired Members		- - -	- - -	\$ 3,227.48 \$ 98,659.00 1	\$ 3,388.28 \$ 98,659.00 1		\$ 6,659.25 \$ 88,790.00 1	\$ 4,788.25 \$ 96,191.75 4
Period 07/01/1997 to 06/30/1998 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	\$ 3,204.24 \$ 98,905.00 1	- - -	\$ 5,632.88 \$ 97,562.66			\$ 5,803.25 \$ 97,727.75 8
Period 07/01/1998 to 06/30/1999 Average Monthly Benefit Average AFC Number of Retired Members	\$ 6,011.54 \$ 101,176.00 1	- - -	-	- -	\$ 6,092.79 \$ 102,543.50 2		- - -	\$ 6,443.00 \$ 102,311.28 7
Period 07/01/1999 to 06/30/2000 Average Monthly Benefit Average AFC Number of Retired Members	- - -	-	-	\$ 5,777.70 \$ 107,933.00 2			\$ 9,226.88 \$ 123,025.00 1	
Period 07/01/2000 to 06/30/2001 Average Monthly Benefit Average AFC Number of Retired Members	- - -	\$ 6,613.61 \$ 111,309.00 1	-	- -	\$ 6,613.61 \$ 111,309.00 1		- - -	\$ 6,862.25 \$ 111,170.50 4
Period 07/01/2001 to 06/30/2002 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	\$ 4,152.92 \$ 113,535.00 1	- - -	\$ 6,745.87 \$113,535.00 2		\$ 8,148.82 \$ 110,546.00 3	\$ 7,062.42 \$ 112,254.00 7
Period 07/01/2002 to 06/30/2003 Average Monthly Benefit Average AFC Number of Retired Members	-	-		\$ 4,958.74 \$ 111,542.33 3	\$ 6,115.60 \$ 112,040.50 2		-	\$ 6,266.33 \$ 112,870.44 9
Period 07/01/2003 to 06/30/2004 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -		\$ 5,057.41 \$ 114,886.50 2	\$ 6,688.09 \$ 113,535.00 1			\$ 7,180.75 \$ 114,584.00 8
Period 07/01/2004 to 06/30/2005 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	- - -	\$ 6,850.98 \$ 115,255.50 2	- - -	\$ 8,538.70 \$ 113,862.00 1	\$ 7,413.00 \$ 114,791.00 3
Period 07/01/2005 to 06/30/2006 Average Monthly Benefit Average AFC Number of Retired Members	- - -	-	-	\$ 7,226.08 \$ 121,617.00 1	- - -	\$ 8,198.72 \$ 121,617.00 1	\$ 9,097.69 \$ 121,316.00 1	
10 Year Averages Average Monthly Benefit Average AFC Number of Retired Members	\$ 6,011.54 \$ 101,176.00 1			\$ 5,222.22 \$ 111,171.33 9			\$ 8,205.29 \$ 109,950.23 13	

#### **National Guard Retirement System Retired Members by Years of Service**

	Years of Credited Service											
	0 to 5	5+ to 10	10+ to 15	15-	+ to 20	20	0+ to 25	2	5+ to 30	 30 Plus	_/	Avgs/Tot
Period 07/01/1996 to 06/30/1997 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 13	\$	60.95 - 63	\$	97.01 - 67	- - -	\$	76.85 - 143
Period 07/01/1997 to 06/30/1998 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 15	\$	62.55 - 49	\$	96.53 - 65	\$ 100.00	\$	79.78 - 139
Period 07/01/1998 to 06/30/1999 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 16	\$	62.85 - 56	\$	92.05 - 39	\$ 100.00	\$	76.37 - 135
Period 07/01/1999 to 06/30/2000 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 16	\$	63.21 - 56	\$	92.82 - 23	\$ 100.00	\$	76.90 - 131
Period 07/01/2000 to 06/30/2001 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 17	\$	63.12 - 64	\$	90.75	\$ 100.00	\$	77.61 - 157
Period 07/01/2001 to 06/30/2002 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 23	\$	62.24 - 78	\$	85.95 - 21	\$ 100.00 - 37	\$	72.38 - 159
Period 07/01/2002 to 06/30/2003 Average Monthly Benefit Average AFC Number of Retired Members	-	- - -	- - -	\$	50.00 - 29	\$	62.86 - 96	\$	88.48 - 33	\$ 100.00 - 54	\$	74.59 - 212
Period 07/01/2003 to 06/30/2004 Average Monthly Benefit Average AFC Number of Retired Members	-	- - -	- - -	\$	50.00 - 29	\$	62.61 - 88	\$	90.22 - 44	\$ 100.00 - 47	\$	75.14 - 208
Period 07/01/2004 to 06/30/2005 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00	\$	62.45 - 108	\$	91.11 - 45	\$ 100.00 - 51	\$	74.38 - 236
Period 07/01/2005 to 06/30/2006 Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 41	\$	62.63 - 131	\$	90.42	\$ 100.00 - 73	\$	75.29 - 304
10 Year Averages Average Monthly Benefit Average AFC Number of Retired Members	- - -	- - -	- - -	\$	50.00 - 231	\$	62.55 - 789	\$	92.36 - 429	\$ 100.00 - 375	\$	75.68 - 1,824

## South Carolina Retirement System Principal Participating Employers in 2006 and 1997

1997 2006 **Percentage Percentage** Covered of Total Total Covered of Total Total Total Total **Employees Rank Participating Government** Retired **Employees Rank System** Active Retired1 System Active 36,861 1 16.99% 31,692 5,169 43,283 1 22.36% 43,283 State Agency 7,476 School District of Greenville County 8,572 2 3.95% 1,096 6,749 2 3.48% 6,749 5,087 5,287 4 5,722 3 2.63% 635 2.73% 5,287 Charleston County School District 5,291 4 2.43% 4,312 979 4,930 5 2.54% 4,930 University of South Carolina 4,072 Horry County School District 4,461 5 2.05% 389 3,337 8 1.72% 3,337 4,316 1.99% 4,173 Spartanburg Regional Medical Center 6 143 7 4,034 6 2.08% 4,193 1.93% 3,604 589 4,034 Richland County School District 1 4,143 8 4,023 120 5,800 3 2.99% 5,800 MUSC Hospital Authority 1.91% 3,054 7 3,632 9 1.67% 578 3,548 3,548 Clemson University 1.83% 9 Berkeley County Department of Education 3,534 10 1.62% 3,165 369 3,074 1.58% 3,074 Aiken County Department of Education 2,873 10 1.48% 2,873 All Other 136,143 62.83% 123,364 12,779 110,585 57.21% 110,585 193,500 100.00% 193,500 Total<sup>2</sup> 216,868 100.00% 194,022 22,846

In 2006	"All	Other"	consisted	of.
III ZUUO,	AII	Ouler	consisted	OI:

#### In 1997, "All Other" consisted of:

Туре	Number	Employees	Туре	Number	Employees
Quasi-State/Higher Ed	29	14,116	Quasi-State/Higher Ed	29	10,678
City/County	571	51,966	City/County	497	44,284
Public Schools	94	70,061	Public Schools	98	55,623
Total	694	136,143	Total	624	110,585

<sup>&</sup>lt;sup>1</sup>Prior to July 1, 1999, contributions for working retirees were not required; therefore, membership information was not collected.

<sup>&</sup>lt;sup>2</sup>2006 total reflects 704 governments and 1997 total reflects 634 governments.

## Police Officers Retirement System Principal Participating Employers in 2006 and 1997

1997 2006 **Percentage Percentage** of Total Total Covered of Total Total Total Covered Total **Participating Government** Rank Retired **Employees Rank** Retired1 **Employees** System Active System Active 10,685 1 4.92% 10,064 621 10,094 1 44.82% 10,094 State Agency County Council of Richland County 878 2 0.40% 809 69 629 4 2.79% 629 638 755 3 0.34% 725 30 638 2 2.83% City of Columbia 726 4 0.33% 709 17 325 9 1.44% 325 Horry County Council 3 2.81% Greenville County Council 699 5 0.32% 628 71 633 633 684 6 0.31% 622 518 2.30% 518 County of Charleston 62 605 0.27% 562 43 325 10 1.44% 325 City of Charleston 0.23% 492 9 7 367 City of North Charleston 501 8 367 1.62% 492 9 0.22% 438 54 6 1.83% 413 Spartanburg County Council 413 County Council of Lexington 473 10 0.21% 432 41 350 8 1.55% 350 36.57% 92.45% 10,767 774 All Other 11,541 8,225 8,225 Total<sup>2</sup> 28,039 100.00% 26,248 22,517 100.00% 22,517 1,791

#### In 2006, "All Other" consisted of:

#### In 1997, "All Other" consisted of:

Туре	Number	Employees	Туре	Number	Employees
Quasi-State/Higher Ed	25	466	Quasi-State/Higher Ed	15	417
City/County	269	11,017	City/County	229	7,798
Public Schools	31	58	Public Schools	5	10
Total	325	11,541	Total	249	8,225

Note: The Principal Participating Employers schedule is not presented for GARS, JSRS, and NGRS as employers for these systems are considered components of the State Agency category.

<sup>&</sup>lt;sup>1</sup>Prior to July 1, 1999, contributions for working retirees were not required; therefore, membership information was not collected.

<sup>&</sup>lt;sup>2</sup>2006 total reflects 335 governments and 1997 total reflects 259 governments.





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