SOUTH CAROLINA RETIREMENT SYSTEMS

COMPONENT UNIT FINANCIAL REPORT

FOR THE YEAR ENDED JUNE 30, 1991

1122 Lady Street
NBSC Building
Columbia, South Carolina 29211

Purvis W. Collins, Director

Report prepared by the Staff of the System's
Accounting Department
Wayne D. Pruitt, CPA, Controller

Certificate of Achievement for Excellence in Financial Reporting

Presented to

South Carolina Retirement Systems

For its Component Unit
Financial Report
for the Fiscal Year Ended
June 30, 1990

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

Gary R. Norstrem
President

Jeffrey L. Esser
Executive Director

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INTRODUCTORY SECTION

South Carolina Retirement Systems

Purvis W. Collins
Director

P. O. BOX 11960 - CAPITOL STATION
NBSC BUILDING - CORNER OF LADY AND MAIN
COLUMBIA, S. C. 29211

Telephone:
(803) 734-1660
FAX: (803) 734-041

November 13, 1991

Honorable Carroll A. Campbell, Jr., Governor
and
State Budget and Control Board
State of South Carolina

Gentlemen:

The annual report of the South Carolina Retirement Systems for the fiscal year ended June 30, 1991 is submitted herewith. Responsibility for both the accuracy of the data, and the completeness and fairness of the presentation, including all disclosures, rests with 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 operations of the Systems. All disclosures necessary to enable the reader to gain an understanding of the Systems' financial activities have been included. This report contains information on the following components:

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)

Internal Service Funds

- State Life & Long-Term Disability Plan (State Life & LTD Plan)
- Agency Operations Internal Service Fund (Agency Operations)

The **SCRS** was established July 1, 1945 to provide retirement and other benefits for teachers and employees of the State and its political subdivisions. This system currently has 729 participating employers, over 176,000 active contributing members and 42,000 retired members.

The **PORS** was established July 1, 1962 to provide retirement and other benefits to police officers and firemen. This system currently has 262 participating employers, over 17,000 active contributing members and 3,000 retired members.

The **GARS and JSRS** were established January 1, 1966 and July 1, 1979, respectively. These systems are single employer systems created to provide retirement and other benefits to members of the General Assembly and State Judges and Solicitors, respectively

The **State Life & LTD Plan** is a self insured group life and long-term disability plan provided to eligible active state, public school and county employees.

The **Agency Operations Internal Service Fund** provides for the administration of the four pension plans and the Life & LTD Plan.

This report consists of five sections. The Introductory Section contains the Director's letter of transmittal, an organization chart of the Agency and description of responsibilities for each section and a summary of current legislative changes. The Financial Section contains the opinion of our independent accountants, financial statements and related schedules. The Actuarial Section contains our independent consulting actuary's certification, a summary of plan provisions for each System and schedules of actuarial statistics. The Statistical Section contains various tables and schedules of significant data related to the we anticipate this to be a major program in the Systems. The Investment Section contains schedules of investments and investment growth as well as the report from the State Treasurer. The Systems are considered a component unit of the State of South Carolina financial reporting entity and are included in the comprehensive annual financial report of the State.

ECONOMIC CONDITION AND OUTLOOK

The economic "health" of the Systems is inseparable from the health and well-being of our investment portfolio. The high quality of our portfolio, ranked among the best in the country, provides the assurance that funds will be available to provide all promised benefits to our active and retired members.

The fiscally sound conservative policies of the legislature in establishing and enhancing benefit levels continue to promote a solid plan with a bright future for all of our membership.

Both the state and the nation are in the midst of a recession believed by many to have "bottomed out" at this time. State predictions forecast a continued downturn into FY 92-93 with no significant growth during the upcoming year. The inability of the Federal government to control the deficit and the ongoing debacle in the savings & loan industry continue to be major contributors to this economic downturn.

MAJOR INITIATIVES

In January of this year our installment service program was implemented. This program initially allowed members to purchase retirement service credit for out-of-state and federal civilian service on an installment basis through payroll deductions rather than in a lump sum as previously required. This program was expanded during the 1991 legislative session to include all types of prior service in which the entire contribution is employee paid. With this change participation in the program expanded dramatically with current participation by over 350 members with over $2 million outstanding as of this date. Based on the current backlog of requests we anticipate this to be a major program in the future.

Provisions during 1991 were made for designation of multiple beneficiaries for both retirement benefits and group life insurance benefits. We currently have approximately 8,000 active members who have designated multiple beneficiaries under the Systems.

An additional benefit now provided to retiring members is a provision allowing up to 4½ months additional service credit if a member had 90 days of accumulated sick leave at retirement. This additional benefit is provided at no cost to either employees or employers. This additional service credit can not be used to meet eligibility requirements.

Effective July 1, 1991 provisions of the Omnibus Budget Reconciliation Act of 1990, (OBRA) mandated, with certain exceptions, Social Security coverage for employees of those states and local governments not covering their employees under a pension plan. At the national level this legislation caused significant problems in those states that do not provide large segments of their governmental employees with Social Security coverage. In South Carolina substantially all local governmental employees were already covered by Social Security, resulting in only a negligible effect for our state.

Progress continues in our efforts to gain relief from pension distribution rules under Internal Revenue Code Section 415. Subcommittee hearings were held in July on several bills, one of which (HR 1348) having over 170 cosponsors, which would provide relief from Section 415 requirements.

IRS recently issued in excess of 100 pages of final regulations related to non discrimination rules for pension plans. These regulations generally fail to recognize or address the significantly different statutory and operational structures of public plans. Representatives of many public pension groups are currently meeting with Treasury Department officials to develop regulations which adequately recognize the disparity between public and private plans.

FINANCIAL INFORMATION

The Systems' management is responsible for establishing and maintaining an internal control structure designed to ensure that the assets of the Systems are protected from loss or misuse and to ensure that an adequate system of accounts exists in order to compile accurate and reliable data for preparation of financial statements in conformity with generally accepted accounting principles. The internal control structure is designed to provide reasonable assurance that these objectives are met.

ASSETS AND INVESTMENTS - Total assets on a combined basis for all funds reached $8.6 billion this year; an overall growth of 12.5% over 1990.

The State Treasurer, by statute, is the custodian and investment manager for all retirement funds. A variety of investment instruments are authorized; including obligations of the United States, its agencies and securities fully guaranteed by the United States, certificates of deposit, collateralized repurchase agreements and certain corporate bonds.

Investments (including cash equivalents) grew 13.3% for the fiscal year, increasing to approximately $8.3 billion at June 30th. The conservative investment policies of the Systems continue to provide steady reliable growth in investment income with a high degree of security. A summary of pension fund investment growth follows:

	1991 Amount (Millions)	1990 Amount (Millions)	Increase Amount (Millions)	Increase Percent
SCRS	$ 7,461.7	$ 6,598.6	$ 863.1	13.1%
PORS	755.1	651.6	103.5	15.9%
GARS	22.1	20.4	1.7	8.3%
JSRS	35.6	32.2	3.4	10.6%
Total	$ 8,274.5	$ 7,302.8	$ 971.7	13.3%

REVENUES - In order for a retirement system to properly fund the payments of retirement benefits in future years, it is necessary to accumulate funds on a regular and systematic basis. The three principal sources from which the Systems derive revenues, employee contributions, employer contributions, and earnings on investments are summarized below.

	1991 Amount (Millions)	1991 Percentage of Total	1990 Amount (Millions)	1990 Percentage of Total	Increase (Decrease) Amount (Millions)	Increase (Decrease) Percent
Employee Contributions:						
State department employees	$ 110.3	8.15%	$ 102.6	8.04%	$ 7.7	7.5%
Public school employees	99.6	7.35%	93.8	7.36%	5.8	6.2%
Other political subdivision employees	50.8	3.75%	46.7	3.06%	4.1	8.8%
Total employee contributions	260.7	19.25%	243.1	19.06%	17.6	7.2%
Employer Contributions:						
State department employers	147.3	10.87%	136.9	10.73%	10.4	7.6%
Public school employers	123.2	9.10%	116.4	9.13%	6.8	5.8%
Other political subdivision employers	63.9	4.72%	75.6	5.93%	(11.7)	(15.5%)
Total employer contributions	334.4	24.69%	328.9	25.79%	5.5	1.7%
Investment Income	751.0	55.45%	694.6	54.47%	56.4	8.1%
Other Income	8.3	.61%	8.7	.68%	(.4)	(4.6%)
	$1,354.4	100.00%	$1,275.3	100.00%	$79.1	6.2%

Effective 7-1-90 the Systems were required to collect an additional 1.435% of member covered wages of employers covered under the State Health Insurance Plan for the purpose of funding retiree health insurance premiums. These collections, totaled approximately $47.7 million for this year.

EXPENSES - Expenses of the Systems consist primarily of payments of monthly annuities to retired members and their beneficiaries and the refund of member contributions 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.

The following schedule presents a summary of expenses for the Systems for the fiscal year ended June 30, 1991 and the amount and percentage increases over prior year revenues.

	1991		1990		Increase (Decrease)	
	Amount (Millions)	Percentage of Total	Amount (Millions)	Percentage of Total	Amount (Millions)	Percentage
Total Annuities	$ 390.5	87.62%	$ 354.5	86.9%	$ 36.0	10.2%
Refunds	41.6	9.33%	39.2	9.62%	2.4	6.1%
Group Life	8.0	1.79%	8.6	2.11%	(.6)	(7.0%)
Administrative Charges	5.6	1.79%	5.4	1.32%	.2	3.7%
	$ 445.7	100.00%	$ 407.7	100.00%	$ 38.0	9.3%

During the fiscal year the average monthly benefit of a new retiree was approximately $903 under the SCRS and approximately $1,110 under the PORS. This represents a growth of approximately 12% for SCRS and 7% in the PORS over the monthly benefit of a new retiree in the previous fiscal year.

Geographically, approximately 95% of our retirees reside within South Carolina followed by North Carolina, Georgia and Florida.

FUNDING - The overall objectives in the funding of any retirement system is to accumulate sufficient funds to pay benefits when due. The Systems continue to make progress and improvement in the level of funding, particularly considering recent benefit enhancements, thereby assuring all participants of the continued financial stability of the Systems.

A summary of the funding status of the System follows:

	Valuation Date	Net Assets Available for Benefits	Pension Benefit Obligation	Percentage Funded
SCRS	July 1, 1990	$ 6,813.7	$ 9,496.7	71.7%
	July 1, 1989	6,068.6	8,646.1	70.2%
	July 1, 1988	5,413.7	7,377.8	73.4%
	June 30, 1987	4,805.4	6,447.5	74.5%
	June 30, 1986	4,202.4	5,747.5	73.1%

A summary of the funding status of the System follows (continued):

	Valuation Date	Net Assets Available for Benefits	Pension Benefit Obligation	Percentage Funded
PORS	July 1, 1990	$ 666.7	$ 808.9	82.4%
	July 1, 1989	553.7	682.1	81.2%
	July 1, 1988	475.0	540.6	87.9%
	June 30, 1987	414.7	445.2	93.1%
	June 30, 1986	353.3	397.1	89.0%
GARS	July 1, 1990	21.2	26.2	81.0%
	July 1, 1989	19.3	23.9	80.9%
	July 1, 1988	17.4	22.0	79.2%
	June 30, 1987	15.5	22.2	69.8%
	June 30, 1986	13.6	21.1	64.5%
JSRS	July 1, 1990	31.9	54.3	58.7%
	July 1, 1989	27.8	48.9	56.9%
	July 1, 1988	23.8	51.4	46.3%
	June 30, 1987	19.9	51.6	38.6%
	June 30, 1986	16.3	48.9	33.3%

Analysis of the "percentage funded" over time provides one indication of the extent to which the Systems are funded. Generally, the greater the percentage, the stronger the System.

OTHER INFORMATION

INDEPENDENT AUDIT - An audit is performed annually under the direction of the State Auditor's office. The firm of Rogers Montgomery & Company, P.A., Certified Public Accountants audited the component unit financial statements of the Systems for the year ended June 30, 1991. Their report is included in the financial section of this report.

AWARDS - 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 component unit financial report for the fiscal year ended June 30, 1990.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized component unit financial report, whose contents conform to program standards. Such reports must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. The Systems have received a Certificate of Achievement for the last 4 consecutive years (fiscal years ended 1987-1990). We believe our current report continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to GFOA.

ACKNOWLEDGMENTS - The preparation of this report on a timely basis was made possible by the dedicated service of the staff of our finance department. It is intended to provide comprehensive and reliable information about the Systems and as a means of determining responsible stewardship for the assets held for our membership.

I would like to take this opportunity to express our gratitude and heart felt thanks to all those who participated in Operation Desert Storm. These troops performed their duties in an exceptional manner and are to be commended for their outstanding performance.

I would like to also express my gratitude to the staff, the consultants, the Board and to the people who have diligently worked to assure the continued responsible and successful operations of the Systems.

Respectfully submitted,

Purvis W. Collins

Purvis W. Collins

pm

ADMINISTRATION

GOVERNING BOARD - STATE BUDGET AND CONTROL BOARD

Carroll A. Campbell, Jr., Chairman	Governor
Grady L. Patterson, Jr.	State Treasurer
Earle E. Morris, Jr.	Comptroller General
James M. Waddell, Jr.	Chairman, Senate Finance Committee
William D. Boan	Chairman, House Ways and Means Committ

CONSULTING ACTUARY

Donald M. Overholser
Buck Consultants, Inc.

RETIREMENT SYSTEM STAFF

ADMINISTRATION

Purvis W. Collins	Director
Joseph A. Mack	Deputy Director
E. D. Goodwin, Jr.	Assistant Director, Financial Services
Henry R. Blackwell, Jr.	Assistant Director, Operational Services
Edward H. Haynsworth, Jr. CPA	Internal Auditor
Sharon S. Hammond	Personnel Services
Brenda M. Bryant	Administration of Social Security

PRE-RETIREMENT AND RECORDS

Phyllis C. Gardner	Manager, Pre-Retirement Education
Richard M. Payne	Records Supervisor

FINANCIAL SERVICES

Wayne D. Pruitt, CPA	Controller
R. Joy Hunter, CPA	Manager, Retirement Accounting
Tammy B. Davis, CPA	Supervisor, Retirement Accounting
Rosemary A. Tien, CPA	Manager, Member Accounts
Beverly K. Abdalla	Manager, Benefits Payroll
Tammy W. Johnson	Supervisor, Installment Service
Deborah M. Hornaday	Supervisor, Long Term Disability Payroll

COUNSELING

Meta W. Whitlock	Manager, Counseling Services
Marian J. Tucker	Medical Department

OPERATIONAL SERVICES

Michael E. Nivens	Data Processing Manager
Edward J. Bogan	Systems Manager
Richard T. Johnson	Information Resource Consultant
Elvena S. Bickley	Refunds Supervisor
Joyce M. Comisky	Service Department Supervisor

ORGANIZATION CHART

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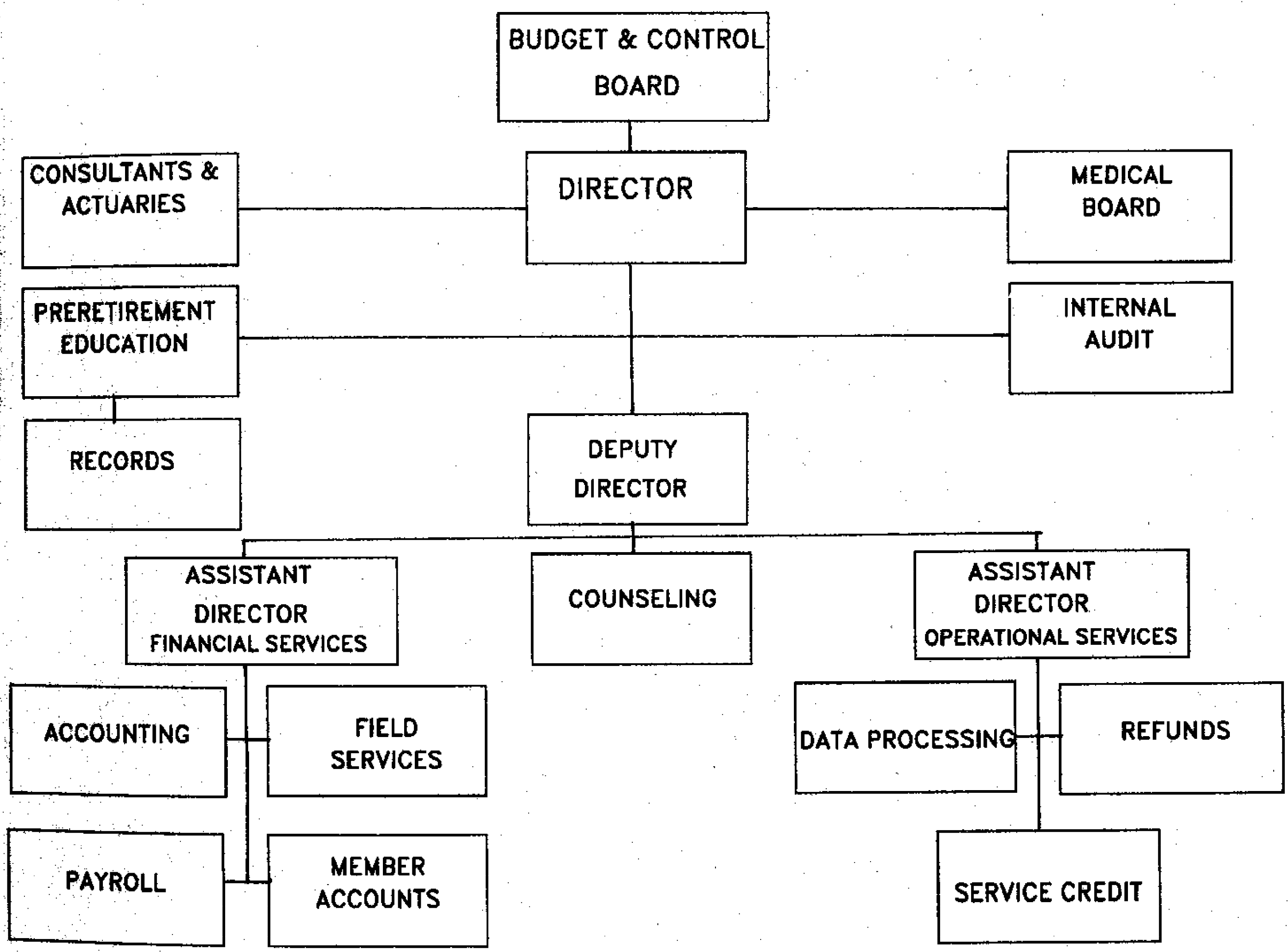

ORGANIZATIONAL DESCRIPTION

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

Financial Services Division:

Accounting Section - Responsible for maintenance of records of all receipts and disbursements, investment accounting, financial accounting records, and financial control of member contribution records, administration of the installment service purchase program and for the administration of payroll and financial functions of the self-insured group life and long-term disability plan.

Member Accounts Section - Responsible for financial control over all detail member contribution records.

Benefits Payroll Section - Responsible for the disbursement of monthly annuity payments to all retired members and administration of post-retirement group life insurance benefits.

Field Services Section - Primary functions are to meet with governing bodies of various entities considering obtaining coverage under one or more of our programs and meeting with employers concerning reporting procedures and policies.

Operational Services Division:

Data Processing Section - Responsible for the design, implementation and control over all automation applications within the Systems.

Refunds Section - Responsible for the disbursement of lump sum payments to members who terminate covered employment prior to retirement.

Service Section - Responsible for the compiling and automation of retirement service credit for all members of the Retirement System.

Counseling Division:

Counseling Section - Responsible for counseling members relating to retirement, and processing all retirement documents upon actual retirement of a member. Responsible for administration of all medical evaluations, counseling services for the long-term disability plan and in-service group life insurance benefits.

Pre-Retirement and Records Division:

Pre-Retirement Section - A section with the overall objective of better preparing the membership for retirement through conducting seminars and meetings with employee and employer representatives.

Records Section - Responsible for the processing of applications of new employers requesting participation in the Systems as well as the enrollment of all new members and maintenance of complete historical records of each member.

CURRENT LEGISLATION

Significant amendments enacted during the 1991 Session of the General Assembly were as follows:

R119

This amendment authorizes an active member to establish military, withdrawal and all other service credit not requiring an employer payment on an installment basis through payroll deduction with an interest rate of prime plus 2%.

R247

This amendment provides an extension of the time period for creditable service from August 15, 1945 to August 15, 1947 for certain Merchant Marine and Civil Service crew members aboard U.S. Army and Navy Transport vessels.

R149

This amendment permits a retiring member with 90 days accumulated sick leave at retirement to obtain credit for up to 4½ months for the unused sick leave. The 4½ months can not be included as creditable service to establish retirement eligibility. This amendment is applicable to any member with an effective date of retirement of April 1, 1991 and thereafter.

R239

This amendment permits Alcohol and Drug Abuse Planning agencies which receive funds under Section 61-5-320 of the S.C. Code of Laws to elect coverage as an employer covered under the Retirement System.

The following amendments were included in the 1991 State Appropriation Act:

An amendment to increase the earnings limitations from $10,000 to $10,500; a retired member who returns to covered employment is eligible to earn $10,500 during a fiscal year without the penalty of losing benefits for the remainder of the fiscal year.

An amendment to permit an active member to designate a different beneficiary for the Group Life Insurance benefit.

An amendment to authorize an employer contribution equal to the normal cost contribution but not less than 4.25% of salary to the Optional Retirement Program for institutions of higher learning.

FINANCIAL SECTION

ROGERS MONTGOMERY & COMPANY, PA
CERTIFIED PUBLIC ACCOUNTANTS

INDEPENDENT AUDITORS' REPORT

To: Edgar A. Vaughn, Jr., CPA
State Auditor
State of South Carolina
Columbia, South Carolina

We have audited the component unit financial statements of the South Carolina Retirement Systems (as described in Note I) as of and for the year ended June 30, 1991, as listed in the table of contents. These financial statements are the responsibility of the Systems' management. Our responsibility is to express an opinion on these financial statements based on our audit.

As described in Note I, the component unit financial statements present only the funds of the South Carolina Retirement Systems and are not intended to present fairly the financial position, results of operations, cash flows or changes in financial position of the State of South Carolina in conformity with generally accepted accounting principles.

We conducted our audit in accordance with generally accepted auditing standards. 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.

In our opinion, the component unit financial statements referred to above present fairly, in all material respects, the financial position of the Systems at June 30, 1991, the results of their operations and cash flows and the changes in financial position of its proprietary and similar trust fund types for the year then ended in conformity with generally accepted accounting principles.

As disclosed in Note I to the financial statements, prior to July 1, 1990 the financial statements of the internal service funds (Retirement Divison of the South Carolina Budget & Control Board) and the pension trust funds (South Carolina Retirement Systems) were issued separately.

PO BOX 124 • COLUMBIA SC 29202 • 803 779-5870
American Institute of Certified Public Accountants • AICPA Division for CPA Firms • South Carolina Association of Certified Public Accountants

Our audit was conducted for the purpose of forming an opinion on the component unit financial statements taken as a whole. The Required Supplementary Information on pages 33-37 is presented for purposes of additional analysis and is not a required part of the component unit financial statements but is supplementary information required by the Governmental Accounting Standards Board. Such information has been subjected to the auditing procedures applied in the audit of the component unit financial statements and, in our opinion, is fairly stated in all material respects in relation to the component unit financial statements taken as a whole.

Our audit was made for the purpose of forming an opinion on the component unit financial statements taken as a whole. The supplemental information presented on pages 38-47 is presented for purposes of additional analysis and is not a required part of the component unit financial statements of the Systems. Such information has been subjected to the auditing procedures applied in the audit of the component unit financial statements and, in our opinion, is fairly stated in all material respects in relation to the component unit financial statements taken as a whole.

Rogers, Montgomery & Company

Columbia, South Carolina
October 17, 1991

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINED BALANCE SHEET
ALL FUND TYPES
JUNE 30, 1991
(amounts expressed in thousands)

	PROPRIETARY INTERNAL SERVICE	FI PEN
ASSETS		
Cash and cash equivalents	$ 2,381	$
Receivables:		
Contributions		
Accrued interest	154	
Investments, at amortized cost:		
Short term investments (market value - $125,771)		
United States Government securities (market value - $3,066,840)		
United States Government agencies and government-insured securities (market value - $2,911,404)	7,998	
Corporate bonds (market value - $2,337,410)	2,492	
Financial and other (market value - $255,039)		
Total investments	10,490	
Deferred yield adjustment for security exchanges		
Fixed assets, net of accumulated depreciation of $593	385	
Total assets	$ 13,410	$
LIABILITIES AND FUND EQUITY		
Liabilities:		
Accounts payable - Unsettled investment purchases		$
Due to State Health Insurance Plan		
Accrued expenses	$ 536	
Compensated absences payable	368	
Incurred but unpaid claims	10,639	
Total liabilities	11,543	
Fund equity:		
Contributed capital - governmental	8	
Retained earnings	1,859	
Fund balances		
Total fund equity	1,867	
Total liabilities and fund equity	$ 13,410	$

See notes to combined financial statements.

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINED STATEMENT OF REVENUES, EXPENSES AND CHANGES IN RETAINED EARNINGS/FUND BALANCES ALL PROPRIETARY FUND TYPES AND SIMILAR TRUST FUNDS YEAR ENDED JUNE 30 ,1991

(amounts expressed in thousands)

	PROPRIETARY INTERNAL SERVICE	FIDUCIARY PENSION TRUST
Operating revenues:		
Contribution revenue:		
Employee contributions		$ 260,691
Employer contributions		334,443
Premium revenue:		
Group life insurance	$ 1,164	
Long term disability	4,241	
Operating charge to Pension Trust Funds	5,599	
Supplemental retirement benefits funded by the State		8,302
Investment income	839	750,950
Other income	98	
Total operating revenues	11,941	1,354,386
Operating expenses:		
Refunds of contributions to members		41,613
Regular retirement benefits		381,775
Supplemental retirement benefits		8,302
Group life insurance claims	1,264	7,989
Accidental death benefits		413
Long term disability claims	3,903	
Adminstrative charges		5,599
Personal services	3,140	
Contractual services	1,401	
Supplies	299	
Fixed charges	395	
Fringe benefits	707	
Travel and other	89	
Depreciation	119	
Total operating expenses	11,317	445,691
Net income/operating income	624	908,695
Retained earnings/fund balances, beginning of year	1,235	7,594,832
Retained earnings/fund balances, end of year	$ 1,859	$ 8,503,527

See notes to combined financial statements.

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINED STATEMENT OF CASH FLOWS
INTERNAL SERVICE FUNDS
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

Cash flows from operating activities:	
Operating income	$ 624
Adjustments to reconcile operating income to net cash provided by operating activities:	
Interest classified as operating income	(839)
Depreciation expense	119
Loss on disposal of equipment	11
Increase in accounts payable and accrued expenses	88
Increase in compensated absences payable	40
Increase in incurred but unpaid claims	1,850
Total adjustments	1,269
Net cash provided by operating activities	1,893
Cash flows from capital and related financing activities:	
Purchase of fixed assets	(228)
Proceeds from sale of fixed assets	12
Net cash used for capital and related financing activities	(216)
Cash flows from investing activities:	
Proceeds from sale of investments	9,010
Purchase of investments	(12,510)
Interest received	772
Net cash used in investing activities	(2,728)
Net decrease in cash and cash equivalents	(1,051)
Cash and cash equivalents at beginning of year	3,432
Cash and cash equivalents at end of year	$ 2,381

See notes to combined financial statements.

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINED STATEMENT OF CHANGES IN FINANCIAL POSITION
PENSION TRUST FUNDS
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

Sources of working capital:	
Operations - net income	$ 908,695
Net increase in working capital	$ 908,695
Elements of net increase in working capital:	
Cash and cash equivalents	$ (39,689)
Investments	1,010,809
Deferred yield adjustment	(31,801)
Receivables	23,842
Accounts payable and accrued expenses	(54,466)
Net increase in working capital	$ 908,695

See notes to combined financial statements.

NOTES TO COMBINED FINANCIAL STATEMENTS SOUTH CAROLINA RETIREMENT SYSTEMS

I. BASIS OF PRESENTATION AND SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Description of the Entity:

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

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)

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 SCRS and PORS are cost-sharing multiple-employer defined benefit pension plans. The GARS and JSRS are considered single-employer defined benefit plans.

Internal Service Funds
- State Life and Long-Term Disability Plan (State Life & LTD Plan)
- Agency Operations Internal Service Fund (Agency Operations)

The State Life & LTD Plan is a self insured group life and long term disability plan provided to eligible active state, public school and county employees. The Agency Operations Internal Service Fund provides for the administration of all pension trust funds and the State Life & LTD Plan through annual administrative charges ($5.6 million for the Pension Trust Fund and $249,000 for the State Life & LTD Plan) assessed to each fund. Charges to the State Life & LTD Plan are reflected as operating transfers between internal service funds. These assessments are based on approved budgeted costs anticipated to be incurred in the operation of the respective funds.

The Systems are considered a component unit of the State of South Carolina financial reporting entity and are included in the Comprehensive Annual Financial Report of the State of South Carolina. In determining the status of the Systems as a component unit of the State, the following elements were considered; financial interdependency, selection of governing authority, designation of management, ability to significantly influence operations, and accountability for fiscal matters.

Effective July 1, 1990 the Systems component unit financial statements include the above internal service funds in order to more accurately and completely reflect the operations of the Systems. Prior to July 1, 1990 the financial statements of the internal service funds were issued separately.

Summary of Significant Accounting Principles:

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 accounts are maintained for each fund; however, in the accompanying combined financial statements funds that have similar characteristics have been combined. The following fund types are used by the System:

Fiduciary Fund Types

Pension Trust Funds - These funds are used to account for the activities of the four public employee retirement systems administered by the Systems. The following accounts are used within the pension trust funds.

The Employee Fund is credited with all contributions made by active members of the Systems. Interest is added to each member's individual account at an annual rate of 6 percent. Upon termination of employment prior to retirement, employee contributions and accumulated interest may be refunded from this fund to the employee. Upon retirement, members' accumulated contributions and interest are transferred to the Employer Fund for subsequent payment of benefits.

The Employer Fund is the fund to which all employer retirement contributions and investment earnings of the Employee and Employer Funds are credited. Interest earnings allocated to individual member accounts in the Employee Fund are transferred from the Employer Fund. At retirement, accumulated employee contributions and interest are transferred from the Employee Fund to the Employer Fund. All annuities and administrative expenses of the Systems are paid from the Employer Fund.

The Group Life Insurance Fund 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 earnings are credited to this fund. Group life insurance benefit payments are charged to this fund.

The Accidental Death Fund is the fund to which participating employers in the PORS 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 annuities are disbursed from this fund.

Proprietary Funds
Internal Service Funds - These funds are used to account for services provided to other funds, departments and agencies of government. These services are provided on essentially a cost recovery basis. The following funds are reported as internal service funds:

State Life and Long-Term Disability Plan - A self-insured plan providing life insurance benefits and long term disability benefits to active employees covered under the State Health Insurance Program. Premiums are set by the State Budget and Control Board. Information concerning eligibility and benefits are provided in the Systems publication "Group-Benefits - Life and Long Term-Disability."

Agency Operations Internal Service Fund - A fund used to account for the cost of operating the State Life & LTD Plan and the pension trust funds. No state funds are appropriated for operating purposes.

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.

Cash and Cash Equivalents - The Systems classify as cash and cash equivalents cash on deposit in financial institutions and cash on deposit in the State's cash management pool. The Systems also classify certain short-term highly liquid securities as cash equivalents.

Contributions - Employee and Employer contributions are reported on the accrual basis. Substantially all contributions receivable are collected within 30 days of year-end.

Investments - Investments are valued at amortized cost. The Systems amortize bond premiums and accrete bond discounts using the effective interest method. Securities and securities transactions are reflected in the financial statements on a trade-date basis. Gains and losses on bond exchanges within the pension trust funds are accounted for under the deferral and amortization method whereby net gains and losses on bond exchanges are deferred and amortized on a straight-line basis over the shorter of the life of the bond sold or purchased. Any gains or losses arising from non-exchange bond transactions are not deferred and are recognized as current year investment income. Gains and losses on sales of investments within the internal service funds are recognized in the period of sale. Investment income consists of interest earned during the year, amortization of premiums and accretion of discounts, and amortization of the deferred yield adjustment on securities exchanges within pension trust funds and recognized gains/losses on bond transactions.

Fixed Assets - Fixed assets are capitalized at cost and depreciated on a straight-line basis over the estimated five year useful life of the assets.

Compensated Absences - State employees are entitled to accrue and carry forward at calendar year-end a maximum of 180 days sick leave and 45 days annual vacation leave. Upon termination of employment the employees are entitled to be paid for accumulated unused annual vacation leave up to a maximum of 45 days, but are not entitled to any payment for unused sick leave. The liability for compensated absences is accrued when employees become entitled to benefits.

Incurred but Unpaid Claims and Claims Expenses - Insurance claims are expensed as incurred over the period of coverage. The Systems establish an unpaid claims liability for claims in the process of review, incurred claims which, under the terms of the plan, are not payable (long term disability plan) and for incurred claims not yet reported. The liability for incurred claims is actuarially estimated based on the most current historical claims experience of previous payments, changes in number of members and participants and estimates of trend changes. Estimates of liabilities for incurred claims are continually reviewed and revised as changes in these factors occur and revisions are reflected in the current year's income.

Risk Management - The Systems pay insurance premiums to certain other State agencies to cover risks that may occur in normal operations. Several state funds accumulate assets and the State itself assumes all risks for unemployment compensation, workers compensation, health, dental and group life insurance.

II. DESCRIPTION OF PLANS:

The South Carolina Retirement System was established, effective July 1, 1945, pursuant to the provisions of Section 9-1-20 of the 1976 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 was established, effective July 1, 1962, pursuant to the provisions of Section 9-11-20 of the Code of Laws for the purpose of providing retirement allowances and other benefits for police officers and firemen.

The Retirement System for Members of the General Assembly of the State of South Carolina was created, effective January 1, 1966, pursuant to the provisions of Section 9-9-20 of the 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 was created, effective July 1, 1979, pursuant to the provisions of Section 9-8-20 of the Code of Laws for the purpose of providing retirement allowances and other benefits for judges and solicitors.

A brief summary of benefit provisions, eligibility criteria and vesting is presented:

Membership:

SCRS - Generally all employees are required to participate in and contribute to the System as a condition of employment.

PORS - Generally all full-time employees whose principal duties are the preservation of public order, protection or prevention and control of property destruction by fire are required to participate in and contribute to the System as a condition of employment.

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

JSRS - 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.

Pension Benefits:

SCRS - Monthly pension payable at age 65 or 30 years credited service regardless of age. Reduced pension benefits are payable as early as age 55. Member is vested for a deferred annuity with 5 years service.

PORS - Monthly pension payable at age 55 with minimum 5 years service or 25 years credited service regardless of age. Member is vested for a deferred annuity with 5 years service.

GARS - Member is eligible for a monthly pension at age 60 or 30 years of credited service. Member is vested for a deferred annuity with 8 years service.

JSRS - Pension benefit payable at age 70 with 15 years service, age 65 with 20 years service or with 25 years service regardless of age.

Membership, benefits and employee and employer contribution requirements are prescribed in Title 9 of the S.C. Code of Laws of 1976 (as amended).

The number and types of employers contributing to each System and the annual covered payroll (in thousands) of each type for the year ended June 30, 1991 are as follows:

	State*	School	Other	Total
SCRS				
Number of Employers	194	106	429	729
Annual Covered Payroll	$1,549,023	$1,595,854	$598,404	$ 3,743,281
Average Number of Contributing Members	66,928	75,196	34,742	176,866
PORS				
Number of Employers	44		218	262
Annual Covered Payroll	$ 191,292		$180,694	$ 371,986
Average Number of Contributing Members	8,899		8,541	17,440
GARS				
Number of Employers	2			2
Annual Covered Payroll	$ 2,380			$ 2,380
Average Number of Contributing Members	170			170
JSRS				
Number of Employers	2			2
Annual Covered Payroll	$ 8,351			$ 8,351
Average Number of Contributing Members	104			104

*Note: Each State Agency is considered a separate employer for reporting purposes.

Based upon the most recent complete actuarial valuation (July 1, 1990) the membership in the Systems was as follows:

	SCRS	PORS	GARS	JSRS	TOTAL
a) Retirees and beneficiaries receiving benefits and terminated employees entitled to benefits but not yet receiving them	141,880	8,044	239	63	150,226
b) Fully vested active employees	99,068	7,009	44	74	106,195
Nonvested active employees	63,108	9,987	161	30	73,286
Total active employees	162,176	16,996	205	104	179,481
Total	304,056	25,040	444	167	329,707

III. INVESTMENTS AND DEPOSITS:

The following table presents market values of investments (in thousands) at June 30, 1991. All investments are required to be insured or registered, or held by the State or its agent in the name of the State Treasurer as custodian.

	PENSION TRUST FUNDS					INTERNAL	
INVESTMENTS	SCRS	PORS	GARS	JSRS	TOTAL	SERVICE FUNDS	GRAND TOTAL
Short-term investments	$ 111,194	$ 14,577			$ 125,771		$ 125,771
U.S. Government securities	2,819,947	225,651	$ 8,442	$ 12,800	3,066,840		3,066,840
U.S. Government agencies and government-insured securities	2,594,898	287,580	8,164	12,764	2,903,406	$ 7,998	2,911,404
Corporate bonds	2,075,968	243,875	5,330	9,727	2,334,900	2,510	2,337,410
Financial and other	243,797	11,061	181		255,039		255,039
	$7,845,804	$782,744	$ 22,117	$ 35,291	$8,685,956	$ 10,508	$ 8,696,464

No provision is considered necessary for possible losses due to decline in market value of securities as the Systems have the ability and intend to either hold the securities to maturity or exchange such securities and do not expect to realize any significant losses.

As prescribed by Statute, the State Treasurer is the custodian and investment manager of all investments and deposits of the Systems. The Systems may invest 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, certain shares of Federal savings and loan associations and State chartered savings and loan associations, and collateralized repurchase agreements.

All deposits with financial institutions are required to be insured or collateralized with securities held by the State or its agent in the State Treasurer's name as custodian. Cash and cash equivalents consist principally of $6.7 million and $.5 million on deposit with the State Treasurer and financial institutions for the Pension Trust Funds and Internal Service Funds, respectively and cash equivalents, consisting of repurchase agreements, with both book and market value of $165.3 million and $1.9 million for the Pension Trust Funds and Internal Service Funds, respectively.

Certain short-term highly liquid securities are classified as cash equivalents in accordance with Governmental Accounting Standards Board Statement #9.

Through a custodial agent, the SCRS and PORS participate in a securities lending program whereby securities are loaned to selected brokers for the purpose of generating additional income to the Systems. Securities loaned under this program are collateralized by securities at 102% of the market value of securities loaned. Securities under loan are maintained on the Systems' financial records. As the Systems do not trade or sell the collateral received in the securities lending program, such collateral is not considered an asset of the Systems and a corresponding liability is not required on the balance sheet. Book value of securities on loan at June 30, 1991 totaled $348.1 million for the SCRS and $ 44.6 million for the PORS.

IV. FUNDING STATUS AND PROGRESS:

The pension benefit obligation as shown in the following schedule is the actuarial present value of credited projected benefits. This is the standardized disclosure measure of the present value of pension benefits, adjusted for the effects of projected salary increases and any step-rate benefits, estimated to be payable in the future as a result of employee service to date. The measure is intended to help users assess the systems' funding status on a going concern basis and assess progress made in accumulating sufficient assets to pay benefits when due. This is the required disclosure measure as prescribed by Governmental Accounting Standards Board Statement 5. This measure is independent of the actuarial funding method used to determine contributions to the Systems. The pension benefit obligation was determined based on the actuarial valuations performed as of July 1, 1990.

Significant actuarial assumptions used to compute the pension obligations are as follows:

Interest rate - 8.0% per annum, compounded annually, effective for all plans.

Salary scales -

	SCRS	PORS	GARS	JSRS
a) Inflation	5.0%	5.0%	5.0%	5.0%
b) Merit or seniority	1.5%	2.5%	1.0%	1.5%

Salary scales for the SCRS and PORS are on a graded scale based on age. The above figures are representative of that scale.

Post retirement benefit increases - 4 % for SCRS, PORS and JSRS. No increases assumed for the GARS.

Separations - Rates of separation due to withdrawal, death, service retirement and disability are based upon tables constructed from past experience of the plans.

Pension benefit obligation (based on July 1, 1990 actuarial valuation) -

(All Amounts In Millions)

	SCRS	PORS	GARS	JSRS	TOTAL
Pension benefit obligation:					
a) Retirees and beneficiaries currently receiving benefits and terminated employees entitled to benefits but not yet receiving them	$ 3,739.9	$ 302.0	$ 14.2	$ 30.1	$ 4,086.2
b) Current employees:					
Accumulated employee contributions including allocated investment income	1,697.8	122.4	3.3	5.8	1,829.3
Employer-financed vested	858.9	113.7	3.6	6.7	982.9
Employer-financed nonvested	3,200.1	270.8	5.1	11.7	3,487.7
	5,756.8	506.9	12.0	24.2	6,299.9
Total pension benefit obligation	9,496.7	808.9	26.2	54.3	10,386.1
Net assets available for benefits, at amortized cost	6,813.7	666.7	21.2	31.9	7,533.5
Unfunded pension benefit obligation	$ 2,683.0	$ 142.2	$ 5.0	$ 22.4	$ 2,852.6

Net assets available for benefits at July 1, 1990 at market value were $7,120.3 million for SCRS, $690.6 million for PORS, $22.1 million for GARS, and $33.4 million for JSRS.

V. CONTRIBUTIONS REQUIRED AND CONTRIBUTIONS MADE:

The actuarial cost method used by the Systems to determine the contributions from employers is the projected benefit method with entry age normal cost and open-end unfunded accrued liability. Under this method the actuarial present value of total benefits is determined and a percentage is computed to allocate pension cost to each year as a level percentage of salary.

The unfunded accrued liability liquidation periods at July 1, 1990 were as follows:

SCRS	PORS	GARS	JSRS
27 years	10 years	16 years	30 years

The significant actuarial assumptions used in determining funding requirements are the same as those used to calculate the pension benefit obligation, except that for funding purposes, post-retirement benefit increases are only anticipated for retired members and members eligible to retire under SCRS and PORS.

The actuarial value of assets used in this method is the same as the net asset values presented in the financial statements except for the exclusion of assets attributed to the group life insurance fund (SCRS & PORS) and the accidental death fund (PORS).

All participating employers are required to contribute monthly (SCRS & PORS) or annually (GARS & JSRS) to the Systems. All required employer contributions to the Systems have been made in the normal course of business.

Actuarially established employer contribution rates for the fiscal year ended June 30, 1991 were as follows:

	NORMAL	UNFUNDED ACCRUED LIABILITY	ACCIDENTAL DEATH PROGRAM	GROUP LIFE INSURANCE PROGRAM	TOTAL
SCRS					
State & Schools	3.81%	3.74%	N/A	.15%	7.70%
Local	3.81%	2.89%	N/A	.15%	6.85%
PORS	7.35%	2.95%	.20%	.20%	10.70%
JSRS	22.72%	17.12%	N/A	1.09%	40.93%

Actuarially established employer contribution amounts for the GARS for the fiscal year ended June 30, 1991 were as follows:

Normal	$ 636,632
Unfunded accrued liability	384,785
Group life insurance	5,025
Total	$ 1,026,442

The following chart shows actual employee and employer contributions (in thousands) for the fiscal year ended June 30, 1991.

	Employee Contributions	% of Covered Payroll	Employer Contributions	% of Covered Payroll
SCRS				
State and Schools	$ 196,281	6.2%	$ 245,462	7.8%
Local	36,871	6.2%	41,337	6.9%
PORS	26,635	7.2%	43,200	11.6%
GARS	314	13.2%	1,026	43.1%
JSRS	590	7.1%	3,418	40.9%
Total	$ 260,691		$ 334,443	

In accordance with provisions of the 1991 State Appropriation Act an additional employer contribution surcharge of 1.435% of covered payroll was added to the contribution rate applicable to State & Public School entities covered by the State Health Insurance Plan. This assessment is for the purpose of providing retiree health insurance coverage and is <u>not</u> a part of the actuarially established contribution rates. Functioning as a collecting agent, the SCRS and PORS collected (in thousands) $44,973 and $2,745 respectively in retiree insurance surcharges and remitted these funds to the Division of Insurance Services (administering agency for the State Health Insurance Plan).

The ten year historical trend information presented immediately following Note **XI.** provides information about progress made in accumulating sufficient assets to pay benefits when due.

VI. LEASES:
Rental and lease payments included in the accompanying financial statements as fixed charges at June 30, 1991 totaled $386,812.

At June 30, 1991, the Systems were operating on a one year lease of office space expiring June 30, 1992 with minimum future lease payments of $405,364.

VII. PENSION PLAN:
Substantially all employees of the Systems (Agency Operations Internal Service Fund) are covered by the South Carolina Retirement Systems. The total covered payroll for the fiscal year was $3.0 million of total personal service expenditures of $3.1 million.

All actuarially required contributions due to the SCRS were paid in accordance with Plan provisions. Employer retirement contributions of $230,815, employee contributions of $182,633 and group life contributions of $4,566 were paid in the current year.

In addition a retiree insurance surcharge of $43,680 was paid during the year ended June 30, 1991 for the purpose of funding retiree health insurance costs.

VIII. BUDGETED EXPENSES:
A formal annual budget is established and approved by the General Assembly for the Agency Operations Internal Service Fund. Modifications to this budget must be approved by the State Budget & Control Board. A comparison of actual to budget (amounts in thousands) for this Fund follows:

	GAAP Basis	Adjustment to Budgetary Basis	Actual on Budgetary Basis	Legal Basis Budget	Variance Favorable (Unfavorable)
Expenses:					
Personal services	$ 3,140	$ (54)	$ 3,086	$3,219	$ 133
Contractual services	1,401		1,401	1,443	42
Supplies	299		299	306	7
Fixed charges	395		395	430	35
Fringe benefits	707	(15)	692	725	33
Travel and other	89	(11)	78	113	35
Equipment		216	216	224	8
Depreciation	119	(119)			
Total expenses	$ 6,150	$ 17	$ 6,167	$6,460	$ 293

Adjustments of the GAAP basis of accounting to the budgetary basis of accounting consist principally of reversals of payroll accruals and related fringe benefits, and capitalization and depreciation of fixed assets rather than recording as an expense when purchased.

IX. POST RETIREMENT AND OTHER EMPLOYEE BENEFITS:

The State of South Carolina provides certain health care, dental and life insurance benefits to active and certain retired state employees. All permanent full-time employees are eligible to receive these benefits. These benefits are provided through generated revenues for its active employees and through the State Budget and Control Board for all participating State retirees. Expenses of approximately $191 thousand applicable to these benefits were recorded in the year ended June 30, 1991. Information regarding the cost of insurance benefits applicable to retirees is not available.

X. DEFERRED COMPENSATION PLANS:

Several optional deferred compensation plans are available to state employees and employers of political subdivisions. Certain employees of the Systems have elected to participate. The multiple-employer plans, created under Internal Revenue Code Sections 457, 401(k) and 403(b) are accounted for as agency funds of the State and included in the Comprehensive Annual Financial Report of the State of South Carolina. Employees may withdraw the current value of their contributions when they terminate State employment. Employees may also withdraw contributions prior to termination if they meet requirements specified by the applicable plan.

Compensation deferred under the Section 401(k) and 403(b) plans is placed in trust for the contributing employee. The State has no liability for losses under the plans. Under the 457 plan, all deferred compensation plan amounts and earnings remain assets of the employer (the State) subject to the claims of employer's general creditors, one of whom is the employee participant. It is unlikely, however, that the State would ever use the plan assets to satisfy claims of the State's general creditors. The portion of assets of the Section 457 plan to which the State has access is disclosed in its financial report.

XI. 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 43% of combined contribution revenues. The Systems receive a variety of services from other agencies at no cost, including legal services from the Office of the Attorney General, various administrative, payroll and accounting services from the Office of the Comptroller General, and procurement and purchasing services from other Divisions of the Budget & Control Board. In addition the Systems receive custodial, investment and related services from the State Treasurer at no cost to the System.

Approximately $2.7 million in employer life and long term disability insurance premiums were received from other agencies and institutions of the State during the fiscal year.

Other significant services and/or goods purchased from other units of government include medical evaluation services from the Vocational Rehabilitation Department, data processing services from the Budget & Control Board, Financial Data Systems, and communications services from the Division of Information Resources Management.

At June 30, 1991, accounts payable of approximately $8.3 million were due to other State departments and agencies and contributions receivable of approximately $25.6 million were due from other State departments and agencies.

XII. DEFICIT RETAINED EARNINGS:

The Agency Operations Internal Service Fund has deficit retained earnings (expressed in thousands) of $21 at June 30, 1991. This deficit results from the collection of revenues (assessments to other Funds) based on budgetary expenditure requirements rather than accrual-basis amounts.

REQUIRED SUPPLEMENTARY INFORMATION :

SOUTH CAROLINA RETIREMENT SYSTEM REVENUE BY SOURCE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	EMPLOYEE CONTRIBUTIONS	TOTAL EMPLOYER CONTRIBUTIONS	% OF COVERED PAYROLL	INVESTMENT INCOME	SUPPLEMENTAL BENEFITS REVENUE	TOTAL REVENUE
1991	$233,152	$286,799	7.7%	$678,984	$8,111	$1,207,046
1990	216,955	266,669	7.7%	626,723	8,523	1,118,870
1989	199,934	228,115	7.1%	544,156	9,269	981,474
1988	171,570	213,497	7.1%	484,487	7,888	877,442
1987	159,787	203,808	7.3%	474,080	8,207	845,882
1986	147,136	190,354	7.3%	483,114	10,024	830,628
1985	131,301	172,384	7.2%	374,165	11,518	689,368
1984	114,357	151,153	7.2%	286,914	10,136	562,560
1983	106,819	142,507	7.0%	247,246	9,091	505,663
1982	100,891	136,031	7.4%	204,824	11,008	452,754

POLICE OFFICERS RETIREMENT SYSTEM REVENUE BY SOURCE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	EMPLOYEE CONTRIBUTIONS	TOTAL EMPLOYER CONTRIBUTIONS	% OF COVERED PAYROLL	INVESTMENT INCOME	SUPPLEMENTAL BENEFITS REVENUE	TOTAL REVENUE
1991	$26,635	$43,200	11.6%	$66,745	$191	$136,771
1990	25,235	57,683	16.8%	63,030	205	146,153
1989	21,103	33,040	10.9%	50,966	250	105,359
1988	13,634	20,330	7.6%	46,512	179	80,655
1987	12,110	25,859	10.8%	41,175	184	79,328
1986	11,427	25,768	12.6%	41,108	288	78,591
1985	8,351	17,980	10.7%	30,315	362	57,008
1984	7,451	16,099	10.9%	23,695	272	47,517
1983	6,729	14,554	10.8%	19,523	207	41,013
1982	6,315	13,603	10.8%	16,016	311	36,245

REQUIRED SUPPLEMENTARY INFORMATION (Continued):

GENERAL ASSEMBLY RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	EMPLOYEE CONTRIBUTIONS	TOTAL EMPLOYER CONTRIBUTIONS	% OF COVERED PAYROLL	INVESTMENT INCOME	TOTAL REVENUE
1991	$314	$1,026	43.1%	$2,007	$3,347
1990	331	1,177	50.9%	1,899	3,407
1989	319	1,209	52.3%	1,729	3,257
1988	297	1,414	50.0%	1,470	3,181
1987	310	1,367	50.0%	1,442	3,119
1986	324	1,334	48.8%	1,344	3,002
1985	316	934	34.3%	1,114	2,364
1984	263	785	33.2%	934	1,982
1983	199	841	34.5%	791	1,831
1982	202	790	39.1%	697	1,689

JUDGES AND SOLICITORS RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	EMPLOYEE CONTRIBUTIONS	TOTAL EMPLOYER CONTRIBUTIONS	% OF COVERED PAYROLL	INVESTMENT INCOME	TOTAL REVENUE
1991	$590	$3,418	40.9%	$3,214	$7,222
1990	582	3,298	40.9%	2,951	6,831
1989	567	3,202	40.9%	2,630	6,399
1988	592	3,079	41.0%	2,185	5,856
1987	549	3,018	41.0%	2,019	5,586
1986	501	2,925	41.4%	2,624	6,050
1985	505	2,561	38.4%	1,593	4,659
1984	508	2,274	38.0%	1,035	3,817
1983	444	1,858	35.4%	801	3,103
1982	357	1,634	32.0%	1,315	3,306

REQUIRED SUPPLEMENTARY INFORMATION (Continued):

SUMMARY OF EXPENSES BY TYPE
SOUTH CAROLINA RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS	ANNUITY PAYMENTS	GROUP LIFE CLAIMS	ANNUITY SUPPLEMENTS	ADMINISTRATIVE CHARGES	TOTAL EXPENSES
1991	$37,112	$347,066	$7,257	$8,111	$5,059	$404,605
1990	35,121	315,230	7,591	8,523	4,909	371,374
1989	33,916	270,232	6,749	9,269	3,981	324,147
1988	32,493	216,264	6,586	7,888	3,843	267,074
1987	27,340	191,283	6,189	8,207	3,553	236,572
1986	28,359	166,632	6,139	10,024	3,527	214,681
1985	26,356	147,039	3,381	11,518	2,708	191,002
1984	25,022	130,923	3,676	10,136	2,245	172,002
1983	21,140	114,485	3,179	9,091	2,273	150,168
1982	24,733	100,275	3,716	11,008	1,911	141,643

SUMMARY OF EXPENSES BY TYPE
POLICE OFFICERS RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS	ANNUITY PAYMENTS	ACCIDENTAL DEATH BENEFITS	GROUP LIFE CLAIMS	ANNUITY SUPPLEMENTS	ADMINISTRATIVE CHARGES	TOTAL EXPENSES
1991	$4,439	$30,281	$413	$703	$191	$500	$36,527
1990	4,062	26,000	411	939	205	453	32,070
1989	3,602	20,281	352	770	250	353	25,608
1988	2,967	14,909	318	676	179	335	19,384
1987	2,326	12,922	289	864	184	302	16,887
1986	1,983	11,034	239	579	288	289	14,412
1985	1,961	9,708	237	333	363	219	12,821
1984	1,811	8,481	212	357	272	177	11,310
1983	1,324	7,223	187	350	207	164	9,455
1982	1,432	6,256	178	428	311	128	8,733

REQUIRED SUPPLEMENTARY INFORMATION (Continued):

SUMMARY OF EXPENSES BY TYPE
GENERAL ASSEMBLY RETIREMENT SYSTEM

(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS	ANNUITY PAYMENTS	GROUP LIFE CLAIMS	ADMINISTRATIVE CHARGES	TOTAL EXPENSES
1991	$62	$1,580	$27	$16	$1,685
1990	17	1,485	26	16	1,544
1989	11	1,294	27	13	1,345
1988	28	1,170		12	1,210
1987	36	1,161	27	11	1,235
1986	18	1,110		11	1,139
1985	39	1,013	12	9	1,073
1984	11	767	24	7	809
1983	62	645	10	7	724
1982	1	569		6	576

SUMMARY OF EXPENSES BY TYPE
JUDGES & SOLICITORS RETIREMENT SYSTEM

(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS	ANNUITY PAYMENTS	GROUP LIFE CLAIMS	ADMINISTRATIVE CHARGES	TOTAL EXPENSES
1991		$2,848	$2	$24	$2,874
1990	$47	2,657	10	22	2,736
1989		2,344		17	2,361
1988		1,983		16	1,999
1987	2	1,972		14	1,988
1986		1,885	68	12	1,965
1985		1,580	69	8	1,657
1984		1,271	54	6	1,331
1983	13	1,003	51	4	1,071
1982	12	860	109	3	984

REQUIRED SUPPLEMENTARY INFORMATION (Continued):

Analysis of Funding Progress
(amounts expressed in millions)

	Year Ended	Net Assets Available for Benefits	Pension Benefit Obligation	Percentage Funded	Unfunded Pension Benefit Obligation	Annual Covered Payroll	Unfunded Pension Benefit Obligation as a Percentage of Covered Payroll
SCRS	1990	$6,813.7	$9,496.7	71.7%	$2,683.0	$3,484.6	77.0%
	1989	6,068.6	8,646.1	70.2%	2,577.5	3,305.4	78.0%
	1988	5,413.7	7,377.8	73.4%	1,964.1	3,023.4	65.0%
	1987	4,805.4	6,447.5	74.5%	1,642.1	2,796.5	58.7%
	1986	4,202.4	5,747.5	73.1%	1,545.1	2,634.4	58.7%
PORS	1990	666.7	808.9	82.4%	142.2	355.8	40.0%
	1989	553.7	682.1	81.2%	128.4	304.8	42.1%
	1988	475.0	540.6	87.9%	65.6	269.2	24.4%
	1987	414.7	445.2	93.1%	30.5	239.5	12.7%
	1986	353.3	397.1	89.0%	43.8	204.4	21.4%
GARS	1990	21.2	26.2	81.0%	5.0	2.8	178.9%
	1989	19.3	23.9	80.9%	4.6	2.7	167.0%
	1988	17.4	22.0	79.2%	4.6	2.8	162.0%
	1987	15.5	22.2	69.8%	6.7	2.7	246.2%
	1986	13.6	21.1	64.5%	7.5	2.7	274.0%
JSRS	1990	31.9	54.3	58.7%	22.4	8.0	280.0%
	1989	27.8	48.9	56.9%	21.1	7.6	278.0%
	1988	23.8	51.4	46.3%	27.6	7.5	368.0%
	1987	19.9	51.6	38.6%	31.7	7.4	428.4%
	1986	16.3	48.9	33.3%	32.6	7.1	459.2%

* Valuations were as of June 30th through 1987 and as of July 1st for 1988 and thereafter.

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the pension benefit obligation as a factor.

Looking at the pension benefit obligation, or the unfunded portion of the pension benefit obligation, in isolation can be misleading.

(1) Expressing net assets available for benefits as a percentage of the pension benefit obligation provides one indication of the extent to which the Systems are funded. Analysis of this percentage over time indicates whether the Systems are becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the System.

(2) Expressing the unfunded pension benefit obligation as a percentage of the annual covered payroll approximately adjusts for the effects of inflation and aids analysis of funding progress. Generally, the smaller the unfunded percentage, the stronger the System.

The above information is presented only for years available. Additional years will be added as available.

SOUTH CAROLINA RETIRMENT SYSTEMS

COMBINING BALANCE SHEET
INTERNAL SERVICE FUNDS
JUNE 30, 1991
(amount expressed in thousands)

	STATE LIFE & LTD PLAN	AGENCY OPERATIONS	TOTAL
ASSETS			
Current assets:			
Cash and cash equivalents	$ 1,875	$ 506	$ 2,381
Accrued interest receivable	154		154
Total current assets	2,029	506	2,535
Long-term assets:			
Investments, at amortized cost:			
United States Government Agencies and government-insured securities (market value - $7,998)	7,998		7,998
Corporate bonds (market value $2,510)	2,492		2,492
Total investments	10,490		10,490
Fixed assets:			
Furniture and equipment		978	978
less accumulated depreciation		(593)	(593)
Total fixed assets		385	385
Total assets	$ 12,519	$ 891	$ 13,410
LIABILITIES AND FUND EQUITY			
Current liabilities:			
Accounts payable and accrued expenses		$ 536	$ 536
Compensated absences payable		368	368
Incurred but unpaid claims	$ 2,648		2,648
Total current liabilities	2,648	904	3,552
Long-term liabilities:			
Incurred but unpaid claims	7,991		7,991
Total liabilities	10,639	904	11,543
Fund equity:			
Contributed capital-governmental		8	8
Retained earnings (deficit)	1,880	(21)	1,859
Total fund equity	1,880	(13)	1,867
Total liabilities and fund equity	$ 12,519	$ 891	$ 13,410

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN RETAINED EARNINGS INTERNAL SERVICE FUNDS YEAR ENDED JUNE 30, 1991

(amounts expressed in thousands)

	STATE LIFE & LTD PLAN	AGENCY OPERATIONS	TOTAL
Operating revenues:			
Premium revenue:			
Group life insurance	$ 1,164		$ 1,164
Long term disability	4,241		4,241
Operating charge to Pension Trust Funds		$ 5,599	5,599
Interest income	839		839
Other income		98	98
Total revenues	6,244	5,697	11,941
Operating expenses:			
Claims:			
Group life insurance	1,264		1,264
Long term disability	3,903		3,903
Personal services		3,140	3,140
Contractual services		1,401	1,401
Supplies		299	299
Fixed charges		395	395
Fringe benefits		707	707
Travel and other		89	89
Depreciation		119	119
Total expenses	5,167	6,150	11,317
Income (loss) before operating transfers	1,077	(453)	624
Operating transfers in (out)	(249)	249	
Net income	828	(204)	624
Retained earnings at beginning of year	1,052	183	1,235
Retained earnings (deficit) at end of year	$ 1,880	$ (21)	$ 1,859

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF CASH FLOWS
INTERNAL SERVICE FUNDS
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	STATE LIFE & LTD PLAN	AGENCY OPERATIONS	TOTAL
Cash flows from operating activities:			
Operating income (loss)	$ 1,077	$ (453)	$ 624
Adjustments to reconcile operating income to net cash provided by operating activities:			
Interest classified as operating income	(839)		(839)
Depreciation expense		119	119
Loss on disposal of equipment		11	11
Increase in accounts payable and accrued expenses		88	88
Increase in compensated absences payable		40	40
Increase in incurred but unpaid claims	1,850		1,850
Total adjustments	1,011	258	1,269
Net cash provided by operating activities	2,088	(195)	1,893
Cash flows from noncapital financing activities:			
Operating transfers in (out) to other funds	(249)	249	
Net cash provided by noncapital financing activities	(249)	249	
Cash flows from capital and related financing activities:			
Purchase of fixed assets		(228)	(228)
Proceeds from sale of fixed assets		12	12
Net cash used for capital and related financing activities		(216)	(216)
Cash flows from investing activities:			
Proceeds from sale of investments	9,010		9,010
Purchase of investments	(12,510)		(12,510)
Interest received	772		772
Net cash used in investing activities	(2,728)		(2,728)
Net decrease in cash and cash equivalents	(889)	(162)	(1,051)
Cash and cash equivalents at beginning of year	2,764	668	3,432
Cash and cash equivalents at end of year	$ 1,875	$ 506	$ 2,381

COMBINING BALANCE SHEET
PENSION TRUST FUNDS
JUNE 30, 1991
(amounts expressed in thousands)

	SCRS	PORS	GARS	JSRS	TOTAL
ASSETS					
Cash and cash equivalents	$ 140,053	$ 27,914	$ 1,526	$ 2,524	$ 172,017
Receivables:					
Contributions	65,954	16,770	17	26	82,767
Accrued interest	135,671	13,590	426	587	150,274
Investments, at amortized cost:					
Short-term investments (market value - $125,771)	111,224	14,676			125,900
United States Government securities (market value - $3,066,840)	2,451,239	194,714	7,569	11,389	2,664,911
United States Government agencies and government-insured securities (market value - $2,903,406)	2,509,608	268,982	7,787	12,154	2,798,531
Corporate bonds (market value - $2,334,900)	2,021,497	238,995	4,975	9,553	2,275,020
Financial and other (market value - $255,039)	233,444	11,100	200		244,744
Total investments	7,327,012	728,467	20,531	33,096	8,109,106
Deferred yield adjustment for security exchanges	81,769	4,886	385	21	87,061
Total assets	$ 7,750,459	$ 791,627	$ 22,885	$ 36,254	$ 8,601,225
LIABILITIES AND FUND BALANCES					
Liabilities:					
Accounts payable -					
Unsettled investment purchases	$ 75,068	$ 12,609			$ 87,677
Due to State Health Insurance Plan	7,936	247			8,183
Accrued expenses	1,564	271	$ 2	$ 1	1,838
Total liabilities	84,568	13,127	2	1	97,698
Fund balances:					
Employee fund	2,044,630	149,622	4,624	6,556	2,205,432
Employer fund	5,568,312	615,888	18,259	29,697	6,232,156
Group life insurance fund	52,949	7,384			60,333
Accidental death fund		5,606			5,606
Total fund balances	7,665,891	778,500	22,883	36,253	8,503,527
Total liabilities and fund balances	$ 7,750,459	$ 791,627	$ 22,885	$ 36,254	$ 8,601,225

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND BALA
PENSION TRUST FUNDS
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	SCRS	PORS	GARS	JSRS	TOTAL
Operating revenues:					
Employee contributions	$ 233,152	$ 26,635	$ 314	$ 590	$ 260,691
Employer contributions	286,799	43,200	1,026	3,418	334,443
Supplemental retirement benefits funded by the State	8,111	191			8,302
Investment income	678,984	66,745	2,007	3,214	750,950
Total operating revenues	1,207,046	136,771	3,347	7,222	1,354,386
Operating expenses:					
Refunds of contributions to members	37,112	4,439	62		41,613
Regular retirement benefits	347,066	30,281	1,580	2,848	381,775
Supplemental retirement benefits	8,111	191			8,302
Group life insurance claims	7,257	703	27	2	7,989
Accidental death benefits		413			413
Administrative charges	5,059	500	16	24	5,599
Total operating expenses	404,605	36,527	1,685	2,874	445,691
Net income	802,441	100,244	1,662	4,348	908,695
Fund balances at beginning of year	6,863,450	678,256	21,221	31,905	7,594,832
Fund balances at end of year	$ 7,665,891	$ 778,500	$ 22,883	$ 36,253	$ 8,503,527

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF CHANGES IN FINANCIAL POSITION
PENSION TRUST FUNDS
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	SCRS	PORS	GARS	JSRS	TOTAL
Sources of working capital:					
Operations - net income	$ 802,441	$ 100,244	$ 1,662	$ 4,348	$ 908,695
Net increase in working capital	$ 802,441	$ 100,244	$ 1,662	$ 4,348	$ 908,695
Elements of net increase in working capital:					
Cash and cash equivalents	$ (61,681)	$ 20,555	$ 175	$ 1,262	$ (39,689)
Investments	924,037	83,195	1,515	2,062	1,010,809
Deferred yield adjustment	(29,553)	(2,177)	(57)	(14)	(31,801)
Receivables	22,243	1,539	21	39	23,842
Accounts payable and accrued expenses	(52,605)	(2,868)	8	999	(54,466)
Net increase in working capital	$ 802,441	$ 100,244	$ 1,662	$ 4,348	$ 908,695

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND BALANCES
SCRS PENSION TRUST FUND
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	GROUP LIFE INSURANCE FUND	TOTAL
Operating revenues:				
Employee contributions:				
State department employees	$ 96,658			$ 96,658
Public school employees	99,623			99,623
Other political subdivision employees	36,871			36,871
Employer contributions:				
State department employers		$ 119,801	$ 2,405	122,206
Public school employers		120,863	2,393	123,256
Other political subdivision employers		40,548	789	41,337
Supplemental retirement benefits funded by the State		8,111		8,111
Investment income		674,120	4,864	678,984
Total operating revenues	233,152	963,443	10,451	1,207,046
Operating expenses:				
Refunds of contributions to members	37,112			37,112
Regular retirement benefits		347,066		347,066
Supplemental retirement benefits		8,111		8,111
Group life insurance claims			7,257	7,257
Administrative charges		5,059		5,059
Total operating expenses	37,112	360,236	7,257	404,605
Interfund transfers according to statutory requirements:				
Contributions by members at retirement	(67,925)	67,925		
Interest credited to members' accounts	104,337	(104,337)		
Net interfund transfers	36,412	(36,412)		
Net income	232,452	566,795	3,194	802,441
Fund balances at beginning of year	1,812,178	5,001,517	49,755	6,863,450
Fund balances at end of year	$ 2,044,630	$ 5,568,312	$ 52,949	$ 7,665,891

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND BALANCES
PORS PENSION TRUST FUND
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	GROUP LIFE INSURANCE FUND	ACCIDENTAL DEATH FUND	TOTAL
Operating revenues:					
Employee contributions:					
State department employees	$ 12,759				$ 12,759
Other political subdivision employees	13,876				13,876
Employer contributions:					
State department employers		$ 19,852	$ 383	$ 383	20,618
Other political subdivision employers		21,936	320	326	22,582
Supplemental retirement benefits funded by the State		191			191
Investment income		65,608	661	476	66,745
Total operating revenues	26,635	107,587	1,364	1,185	136,771
Operating expenses:					
Refunds of contributions to members	4,439				4,439
Regular retirement benefits		30,281			30,281
Supplemental retirement benefits		191			191
Group life insurance claims			703		703
Accidental death benefits				413	413
Administrative charges		500			500
Total operating expenses	4,439	30,972	703	413	36,527
Interfund transfers according to statutory requirements:					
Contributions by members at retirement	(6,666)	6,666			
Interest credited to members' accounts	7,146	(7,146)			
Net interfund transfers	480	(480)			
Net income	22,676	76,135	661	772	100,244
Fund balances at beginning of year	126,946	539,753	6,723	4,834	678,256
Fund balances at end of year	$ 149,622	$ 615,888	$ 7,384	$ 5,606	$ 778,500

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF REVENUES EXPENSES AND CHANGES IN FUND BALANCES
GARS PENSION TRUST FUND
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	TOTAL
Operating revenues:			
Employee contributions	$ 314		$ 314
Employer contributions		$ 1,026	1,026
Investment income		2,007	2,007
Total operating revenues	314	3,033	3,347
Operating expenses:			
Refunds of contributions to members	62		62
Retirement benefits		1,580	1,580
Group life insurance claims		27	27
Administrative charges		16	16
Total operating expenses	62	1,623	1,685
Interfund transfers according to statutory requirements:			
Contributions by members at retirement	(209)	209	
Interest credited to members' accounts	253	(253)	
Net interfund transfers	44	(44)	
Net income	296	1,366	1,662
Fund balances at beginning of year	4,328	16,893	21,221
Fund balances at end of year	$ 4,624	$ 18,259	$ 22,883

SOUTH CAROLINA RETIREMENT SYSTEMS

COMBINING STATEMENT OF REVENUES, EXPENSES AND CHANGES IN FUND BALANCES
JSRS PENSION TRUST FUND
YEAR ENDED JUNE 30, 1991
(amounts expressed in thousands)

	EMPLOYEE FUND	EMPLOYER FUND	TOTAL
Operating revenues:			
Employee contributions	$ 590		$ 590
Employer contributions		$ 3,418	3,418
Investment income		3,214	3,214
Total operating revenues	590	6,632	7,222
Operating expenses:			
Regular retirement benefits		2,848	2,848
Group life insurance claims		2	2
Administrative charges		24	24
Total operating expenses		2,874	2,874
Interfund transfers according to statutory requirements:			
Contributions by members at retirement	(372)	372	
Interest credited to members' accounts	353	(353)	
Net interfund transfers	(19)	19	
Net income	571	3,777	4,348
Fund balances at beginning of year	5,985	25,920	31,905
Fund balances at end of year	$ 6,556	$ 29,697	$ 36,253

ACTUARIAL SECTION

BUCK CONSULTANTS
200 Galleria Parkway, N.W. Suite 1200
Atlanta, Georgia 30339

October 18, 1991

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

Gentlemen:

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. We have submitted the results of the actuarial valuations prepared as of July 1, 1990. In preparing the valuations the actuary relied on data provided by the Systems. While not verifying the data at source, the actuary performed tests for consistency and reasonability.

The financing objective of the Systems is that contribution rates will remain relatively level over time as a percentage of payroll. Contribution rates are developed using the entry age normal cost method. Book value of plan assets is used for actuarial valuation purposes. Gains and losses are reflected in the unfunded accrued liabilities that are being amortized by regular annual contributions within a 30-year period, assuming 4% annual payroll growth due to inflation for the South Carolina Retirement System and the Police Officers Retirement System and level dollar amounts for the other Systems. The assumptions recommended by the actuary are in the aggregate reasonably related to the experience under the Systems and to reasonable expectations of anticipated experience under the Systems. The following schedules present summaries of the principal results of the valuations prepared as of July 1, 1990 and the actuarial methods and assumptions used to prepare the valuations.

In our opinion the Systems are operating on an actuarially sound basis. Assuming that contributions to the Systems are made by the employers from year to year in the future at the rates recommended on the basis of the successive actuarial valuations, the continued sufficiency of the retirement funds to provide the benefits called for under the Systems may be safely anticipated.

Sincerely yours,

Donald M. Overholser
Consulting Actuary

DMO:lt

Buck Consultants, Inc.
404|955-2488 Fax 404|933-8336

SOUTH CAROLINA RETIREMENT SYSTEM RESULTS OF THE VALUATION AS OF JULY 1, 1990 (All dollar amounts are in thousands)

(1)	Actuarial liabilities	
	Present value of prospective benefits payable in respect of:	
	(a) Present retired members and beneficiaries	$ 3,509,959
	(b) Present active and inactive members	9,213,650
	(c) Total actuarial liabilities	$ 12,723,609
(2)	Assets of the System	6,813,695
(3)	Present value of future contributions = (1)(c) - (2)	$ 5,909,914
(4)	Present value of future contributions by members	2,339,589
(5)	Present value of future contributions by employers = (3) - (4)	$ 3,570,325
(6)	Present value of future normal contributions by employers	$ 1,487,567
(7)	Present value of unfunded accrued liability contributions by employers = (5) - (6)	$ 2,082,758
(8)	Unfunded accrued liability rates	
	(a) Class One Service	1.46%
	(b) Class Two Service: State	3.74%
	(c) Class Two Service: Others	2.89%
(9)	Unfunded accrued liability liquidation period	27 years
(10)	Group life insurance benefit contribution rate	.15%

POLICE OFFICERS RETIREMENT SYSTEM
RESULTS OF THE VALUATION AS OF JULY 1, 1990

(1)	Actuarial liabilities	
	Present value of prospective benefits payable in respect of:	
	(a) Present retired members and beneficiaries	$ 292,941,865
	(b) Present active and inactive members	1,076,088,882
	(c) Total actuarial liabilities	$1,369,030,747
(2)	Assets of the System	666,699,000
(3)	Present value of future contributions = (1) (c) - (2)	$ 702,331,747
(4)	Present value of future contributions by members	290,578,436
(5)	Present value of future contributions by employers = (3) - (4)	$ 411,753,311
(6)	Present value of future normal contributions by employers	$ 329,362,841
(7)	Present value of unfunded accrued liability contributions by employers = (5) - (6)	$ 82,390,470
(8)	Unfunded accrued liability rates:	
	(a) Class One Service	3.21%
	(b) Class Two Service	2.95%
(9)	Unfunded accrued liability liquidation period	10 years
(10)	Group life insurance benefit contribution rate	.20%
(11)	Accidental death benefit contribution rate	.20%

GENERAL ASSEMBLY RETIREMENT SYSTEM
RESULTS OF THE VALUATION AS OF JULY 1, 1990

(1)	Actuarial Liabilities	
	Present value of prospective benefits payable in respect of:	
	(a) Present beneficiaries and contingent beneficiaries	$ 13,102,228
	(b Present active, inactive and special members	23,273,258
	(c) Total actuarial liabilities	$ 36,375,486
(2)	Assets of the System	$ 21,221,000
(3)	Present value of future contributions = (1) (c) - (2)	$ 15,154,486
(4)	Present value of future contributions by members	2,762,577
(5)	Present value of future contributions by the State = (3) - (4)	$ 12,391,909
(6)	Present value of 1 per cent of future compensation	$ 276,257
(7)	Present value of future normal contributions by the State at 23.74% = (6) x 23.74	$ 6,558,341
(8)	Present value of unfunded accrued liability contributions by the State = (5) - (7)	$ 5,833,568
(9)	Unfunded accrued liability liquidation period	16 years
(10)	Annual cost of lump sum death benefit contributions by the State	$ 5,327

JUDGES AND SOLICITORS RETIREMENT SYSTEM
RESULTS OF THE VALUATION AS OF JULY 1, 1990

(1)	Actuarial liabilities	
	Present value of prospective benefits payable in respect of:	
	(a) Present beneficiaries and contingent beneficaries	$30,056,918
	(b) Present active members	59,960,874
	(c) Total actuarial liabilities	$90,017,792
(2)	Assets of the System	31,905,000
(3)	Present value of future contributions = (1) (c) - (2)	$58,112,792
(4)	Present value of future contributions by members	5,797,428
(5)	Present value of future contributions by the State = (3) - (4)	$52,315,364
(6)	Present value of 1 per cent of future compensation	$ 828,205
(7)	Present value of future normal contributions by the State	$19,462,237
(8)	Present value of unfunded accrued liability contributions by the State = (5) - (7)	$32,853,127
(9)	Unfunded accrued liability liquidation period	30 years

SOUTH CAROLINA RETIREMENT SYSTEM
OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE: 8 % per annum, compounded annually.

SEPARATIONS FROM SERVICE AND SALARY INCREASES: Representative values of the assumed annual rates of separation and annual rates of salary increase are as follows:

Annual Rates of

Age	Men Teachers: Withdrawal	Men Teachers: Death	Men Teachers: Disability	Men Teachers: Service Retirement *	Women Teachers: Withdrawal	Women Teachers: Death	Women Teachers: Disability	Women Teachers: Service Retirement
20	11.11%	.04%	.01%		13.79%	.03%	.02%	
25	9.97	.05	.01		12.83	.03	.03	
30	7.91	.08	.02		9.12	.04	.04	
35	6.06	.12	.03		5.61	.06	.04	
40	4.67	.18	.06		3.43	.08	.07	
45	3.67	.25	.11		2.33	.13	.12	
50	2.83	.35	.20	5.00%	1.74	.20	.20	5.00%
55	2.03	.50	.34	5.00	1.18	.29	.35	5.00
60		.70	.59	10.00		.45	.61	15.00
64		.92	.94	20.00		.66	.82	20.00

Age	Employees: Withdrawal: Men	Employees: Withdrawal: Women	Employees: Death	Employees: Disability	Employees: Service Retirement *	Teachers and Employees: Salary Increase
20	13.94%	12.55%	.07%	.04%		11.81%
25	12.46	11.21	.09	.04		10.90
30	9.78	8.80	.11	.06		9.50
35	7.38	6.64	.14	.08		7.81
40	5.57	5.01	.18	.10		7.00
45	4.27	3.84	.28	.15		6.60
50	3.18	2.86	.46	.25	5.00%	6.30
55	2.14	1.93	.75	.40	5.00	6.10
60			1.08	.61	10.00	5.90
64			1.36	.85	20.00	5.80

* Plus 0.15 in year when first eligible for unreduced early retirement.

DEATH AFTER RETIREMENT: 1971 Group Annuity Mortality Tables rated back one year, for service retirement and dependent beneficiaries. A special mortality table is used for disability retirements.

LOADING OR CONTINGENCY RESERVES: None

VALUATION METHOD: Projected benefit with level percentage entry age normal cost and open-end unfunded accrued liability. Gains and losses are reflected in the period remaining to liquidate the unfunded accrued liability. Lump sum death benefits are provided on a one-year term cost basis.

VALUATION BASIS: The valuation was made on the basis of active service tables, mortality tables, and salary increase assumptions adopted on October 24, 1989. The interest rate was adopted on July 18, 1989.

ASSET VALUATION METHOD: Amortized cost.

COST-OF-LIVING INCREASES: For funding purposes, 4% per year for current retirees and active members eligible to retire; for GASB, 4% per year after assumed retirement for all members.

POLICE OFFICERS RETIREMENT SYSTEM
OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE: 8% per annum, compounded annually.

SEPARATION FROM SERVICE AND SALARY INCREASES: Representative values of the adopted annual rates of separation and annual rates of salary increases are as follows:

	Annual Rate of				
Age	Withdrawal	Death	Disability	Service Retirement*	Salary Increases
20	3.45%	.10%	.14%		12.29%
25	3.21	.13	.16		11.39
30	2.28	.16	.20		10.01
35	1.40	.20	.26		8.29
40	.86	.27	.34		7.50
45	.58	.40	.50		7.10
50	.44	.57	.84	5.00%	6.80
55		.88		6.50	6.60
60		1.42		9.90	6.40
64		2.03		15.98	6.30

* An additional 20% are assumed to retire when first eligible for unreduced service retirement.

DEATHS AFTER RETIREMENT: 1971 Group Annuity Mortality Tables for service retirement and dependent beneficiaries set forward two years. A special mortality table is used for disability retirements.

VALUATION METHOD: Projected benefit method with level percentage entry age normal cost and open-end unfunded accrued liability. Gains and losses are reflected in the period remaining to liquidate the unfunded accrued liability. Lump sum death benefits are provided on a one-year term cost basis.

VALUATION BASIS: The valuation was made on the basis of active service tables, mortality tables, and salary increase assumptions adopted on October 24, 1989. The interest rate was adopted on July 18, 1989.

ASSET VALUATION METHOD: Amortized cost.

GENERAL ASSEMBLY RETIREMENT SYSTEM
OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

INTEREST RATE: 8% per annum, compounded annually.

SEPARATION FROM SERVICE: Representative values of the adopted annual rates of separation are as follows:

	Annual Rate of				
	Death		Disability		Service
Age	Male	Female	Male	Female	Retirement
20	.04%	.03%	.01%	.02%	
25	.05	.03	.01	.03	
30	.08	.04	.02	.04	
35	.12	.06	.03	.04	
40	.18	.08	.06	.07	
45	.25	.13	.11	.12	
50	.35	.20	.20	.20	
55	.50	.29	.34	.35	
60					100%

SALARY INCREASES: Salaries are assumed to increase at an annual rate of 6 per cent.

MEMBER CONTRIBUTIONS: Member contributions are assumed to increase at an annual rate of 5.0 per cent.

DEATHS AFTER RETIREMENT: 1971 Group Annuity Mortality Tables, rated back one year for service retirement and dependent beneficiaries. A special mortality table is used for disability retirements.

SPOUSES: 100% of active and special members were assumed married with the wife four years younger.

LOADING OR CONTINGENCY RESERVES: None.

VALUATION BASIS: The valuation was made on the basis of active service tables, mortality tables, and salary increase assumptions adopted on October 24, 1989. The interest rate was adopted on July 18, 1989.

VALUATION METHOD: Projected benefit method with entry age normal cost and open-end unfunded accrued liability. Gains and losses are reflected in the unfunded accrued liability. Lump sum death benefits are provided on a one-year term cost basis.

ASSET VALUATION METHOD: Amortized Cost.

JUDGES AND SOLICITORS RETIREMENT SYSTEM
OUTLINE OF ACTUARIAL ASSUMPTIONS AND METHODS

VALUATION INTEREST RATE: 8% per annum, compounded annually.

SEPARATIONS FROM ACTIVE SERVICE: Representative values of the assumed annual rates of disability and death are as follows:

	Annual Rates of		
		Death	
Age	Disability	Male	Female
25	.05%	.09%	.05%
30	.06	.11	.05
35	.07	.14	.09
40	.10	.18	.11
45	.15	.28	.17
50	.25	.46	.25
55	.44	.75	.36
60	.82	1.44	.53
65	2.10	3.30	.83
69	5.20	4.50	1.28

NORMAL RETIREMENT AGE: Judges are assumed to retire at age 68. Solicitors are assumed to retire at the age at which they are first eligible for a service retirement benefit.

SALARY INCREASE RATE: 6 1/2% per annum, compounded annually.

DEATHS AFTER RETIREMENT: 1971 Group Annuity Mortality Tables, rated back one year, for service retirement and dependent beneficiaries. A special mortality table is used for disability retirements.

SPOUSES: 95% of active members were assumed married with the spouse four years younger.

LOADING OR CONTINGENCY RESERVES: None.

VALUATION BASIS: The valuation was made on the basis of active service tables, mortality tables, and salary increase assumptions adopted on October 24, 1989. The interest rate was adopted on July 18, 1989.

VALUATION METHOD: Projected benefit method with entry age normal cost and open-end unfunded accrued liability. Gains and losses are reflected in the unfunded accrued liability. Lump sum death benefits are provided on a one-year term cost basis.

SOUTH CAROLINA RETIREMENT SYSTEM
THE NUMBER AND EARNABLE COMPENSATION OF ACTIVE MEMBERS
AS OF JULY 1, 1990

GROUP	MEN	WOMEN	TOTAL
EMPLOYEES			
Number	41,838	52,229	94,067
Earnable Compensation (1,000's)	$ 1,027,476	$ 993,925	$ 2,021,401
TEACHERS			
Number	12,735	55,374	68,109
Earnable Compensation (1,000's)	$ 334,327	$ 1,128,850	$ 1,463,177
TOTAL			
Number	54,573	107,603	162,176
Earnable Compensation (1,000's)	$ 1,361,803	$ 2,122,775	$ 3,484,578

Note: There are in addition 101,704 inactive members. 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, 1990

GROUP	NUMBER	ANNUAL COMPENSATION
Men	13,716	$ 295,230,368
Women	3,280	60,529,343
Total	16,996	$ 355,759,711

Note: There are in addition 5,134 members not on the payroll as of July 1, 1990 but included in the individual accounts maintained by the System. The results of the valuation were adjusted to take these members into account.

GENERAL ASSEMBLY RETIREMENT SYSTEM NUMBER AND EARNABLE COMPENSATION OF ACTIVE MEMBERS AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL COMPENSATION
Men	187	$ 2,543,200
Women	18	244,800
Total	205	$ 2,788,000

Note There are in addition 98 inactive members with contributions still in the System. The results of the vaulation were adjusted to take these members into account.

JUDGES AND SOLICITORS RETIREMENT SYSTEM NUMBER AND ANNUAL COMPENSATION OF ACTIVE MEMBERS AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL COMPENSATION
Men	99	$ 7,595,094
Women	5	390,216
Total	104	$ 7,985,310

SOUTH CAROLINA RETIREMENT SYSTEM
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS AND BENEFICIARIES ON THE ROLL AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL RETIREMENT ALLOWANCES (1,000's)
	Service Retirements	
Employees:		
Men	8,210	$ 78,308
Women	6,756	44,321
Teachers:		
Men	3,412	38,374
Women	14,568	116,768
Total	32,946	$ 277,771
	Disability Retirements	
Employees:		
Men	1,412	$ 9,024
Women	1,094	6,595
Teachers:		
Men	428	3,452
Women	1,178	8,146
Total	4,112	$ 27,217
	Beneficiaries of Deceased Retired Members and Active Members	
Men	467	$ 2,356
Women	2,651	14,674
Total	3,118	$ 17,030
Grand Total	40,176	$ 322,018

POLICE OFFICERS RETIREMENT SYSTEM
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF RETIRED MEMBERS AND BENEFICIARIES AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL RETIREMENT ALLOWANCES
Service and Early Retirements:		
Men	1,991	$ 19,932,615
Women	77	427,048
Total	2,068	$ 20,359,663
Disability Retirements:		
Men	405	$3,882,350
Women	21	133,647
Total	426	$ 4,015,997
Beneficiaries of Deceased Members:		
Men	6	$ 27,112
Women	410	2,469,645
Total	416	$ 2,496,757
Grand Total	2,910	$ 26,872,417

GENERAL ASSEMBLY RETIREMENT SYSTEM
THE NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES AND CONTINGENT BENEFICIARIES AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL RETIREMENT ALLOWANCES
Beneficiaries:		
Men	105	$ 1,237,705
Women	5	19,520
Total	110	$ 1,257,225
Contingent Beneficiaries:		
Men	3	$ 22,875
Women	28	231,998
Total	31	$ 254,873
Grand Total	141	$ 1,512,098

JUDGES AND SOLICITORS RETIREMENT SYSTEM
NUMBER AND ANNUAL RETIREMENT ALLOWANCES OF BENEFICIARIES AND CONTINGENT BENEFICIARIES AS OF JULY 1, 1990

GROUP	NUMBER	ANNUAL RETIREMENT ALLOWANCES
Service Retirements:		
Men	39	$ 2,161,688
Women	0	0
Total	39	$ 2,161,688
Disability Retirements:		
Men	2	$ 112,272
Women	0	0
Total	2	$ 112,272
Beneficiaries of Deceased Members:		
Men	0	$ 0
Women	22	417,064
Total	22	$ 417,064
Grand Total	63	$ 2,691,024

SCHEDULE OF
RETIRANTS AND BENEFICIARIES ADDED TO AND REMOVED FROM ROLLS

	SCRS			PORS		
Valuation Date	Added	Deleted	Balance	Added	Deleted	Balance
07-01-90	2,568	1,041	40,176	390	83	2,910
07-01-89	3,464	1,391	38,649	333	84	2,603
07-01-88	2,832	1,196	36,576	210	51	2,354
06-30-87	3,205	1,007	34,940	234	84	2,195
06-30-86	2,796	1,031	32,742	188	55	2,045
06-30-85	2,470	895	30,977	161	52	1,912
06-30-84	2,436	871	29,402	174	72	1,803
06-30-83	2,526	839	27,837	164	53	1,701
06-30-82	2,482	718	26,150	150	40	1,590
06-30-81	2,327	774	24,386	173	42	1,480

	GARS			JSRS		
Valuation Date	Added	Deleted	Balance	Added	Deleted	Balance
07-01-90	8	3	141	2	2	63
07-01-89	21	5	136	8	0	63
07-01-88	3	1	120	5	5	55
06-30-87	7	0	118	1	0	55
06-30-86	6	3	111	5	0	54
06-30-85	12	3	108	5	1	49
06-30-84	7	2	99	6	0	45
06-30-83	21*	2*	94	11*	1*	39
06-30-82	No Valuation Performed			No Valuation Performed		
06-30-81	24	2	75	6	1	29

* For the two year period

SUMMARY OF ACCRUED AND UNFUNDED ACCRUED LIABILITIES
(amounts expressed in thousands)

	Valuation Date	Valuation Assets	Aggregate Accrued Liabilities	Assets as a % of Accrued Liabilities	Unfunded Accrued Liabilities	Annual Active Member Payroll	UAL as a % of Active Member Payroll
SCRS	7-01-90	$6,813,695	$ 8,896,453	76.6%	$ 2,082,758	$3,484,578	59.8%
	7-01-89	6,068,557	8,139,477	74.6%	2,070,920	3,305,350	62.7%
	7-01-88	5,413,702	6,740,902	80.3%	1,327,200	3,023,359	43.9%
	6-30-87	4,805,381	5,656,658	85.0%	851,277	2,796,512	30.4%
	6-30-86	4,202,379	5,028,250	83.6%	825,871	2,634,443	31.3%
	6-30-85	3,576,867	3,786,910	94.5%	210,043	2,391,292	8.8%
	6-30-84	3,084,231	3,325,601	92.7%	241,370	2,098,264	11.5%
	6-30-83	2,700,203	3,088,347	87.4%	388,144	2,038,466	19.0%
	6-30-82	2,353,301	2,746,850	85.7%	393,549	1,839,109	21.4%
	6-30-81	2,052,820	2,469,109	83.1%	416,289	1,737,171	24.0%
PORS	7-01-90	$ 666,699	$ 749,089	89.0%	$ 82,390	$ 355,760	23.2%
	7-01-89	553,732	611,393	90.6%	57,661	304,752	18.9%
	7-01-88	475,020	530,251	89.6%	55,231	269,171	20.5%
	6-30-87	414,685	419,672	98.8%	4,987	239,527	2.1%
	6-30-86	353,269	369,432	95.6%	16,163	204,405	7.9%
	6-30-85	290,294	315,868	91.9%	25,574	168,495	15.2%
	6-30-84	247,185	273,080	90.5%	25,895	147,723	17.5%
	6-30-83	211,736	220,625	96.0%	8,889	135,556	6.6%
	6-30-82	180,801	199,483	90.6%	18,682	126,097	14.8%
	6-30-81	153,844	175,065	87.9%	21,221	116,526	18.2%

Note: Effective 6-30-84, PORS aggregrate accrued liability reflected all current and future cost of living increases for current retirees and active members eligible for service retirement.

Effective 6-30-86, SCRS aggregate accrued liability reflected all current and future cost of living increases for current retirees and active members eligible for service retirement.

Effective 7-1-88, certain actuarial assumptions were changed: a) valuation interest rate changed from 7.0% to 7.5%; b) salary increase assumptions strengthened.

Effective 7-1-89, certain actuarial assumptions were changed: a) valuation interest rate change from 7.5% to 8.0%; b) salary increases, mortality and service retirement tables.

SUMMARY OF ACCRUED AND UNFUNDED ACCRUED LIABILITIES
(amounts expressed in thousands)

	Valuation Date	Valuation Assets	Aggregate Accrued Liabilities	Assets as a % of Accrued Liabilities	Unfunded Accrued Liabilities	Annual Active Member Payroll	UAL as a % of Active Member Payroll
GARS	7-01-90	$ 21,221	$ 27,055	78.4%	$ 5,834	$ 2,788	209.3%
	7-01-89	19,358	24,713	78.3%	5,355	2,734	195.9%
	7-01-88	17,446	22,883	76.2%	5,437	2,829	192.2%
	6-30-87	15,475	22,514	68.7%	7,039	2,734	257.5%
	6-30-86	13,591	21,473	63.3%	7,882	2,734	288.3%
	6-30-85	11,729	21,512	54.5%	9,783	2,720	359.7%
	6-30-84	10,437	19,862	52.5%	9,425	2,364	398.7%
	6-30-83	9,265	14,404	64.3%	5,139	2,436	211.0%
	6-30-82	No Valuation Performed					
	6-30-81	7,046	10,666	66.1%	3,620	1,840	196.7%
JSRS	7-01-90	$ 31,905	$ 64,758	49.3%	$ 32,853	$ 7,985	411.4%
	7-01-89	27,810	56,927	48.9%	29,117	7,636	381.3%
	7-01-88	23,772	48,781	48.7%	25,009	7,504	333.3%
	6-30-87	19,916	51,314	38.8%	31,398	7,364	426.4%
	6-30-86	16,317	49,020	33.3%	32,703	7,073	462.4%
	6-30-85	12,233	44,197	27.7%	31,964	6,662	479.8%
	6-30-84	9,230	39,297	23.5%	30,067	5,988	502.1%
	6-30-83	6,744	28,525	23.6%	21,781	5,250	414.9%
	6-30-82	No Valuation Performed					
	6-30-81	3,157	21,502	14.7%	18,345	4,708	389.7%

SOLVENCY TEST
(amounts expressed in thousands)

	Valuation Date	Aggregate Accrued Liabilities for: (1) Active Member Contributions	(2) Retirants & Beneficiaries	(3) Active Members (Employer Funded Portion)	Valuation Assets	Portion of Aggregate Accrued Liabilities Covered by Assets (1)	(2)	(3)
SCRS	7-01-90	$1,812,178	$ 3,509,959	$ 3,574,316	$ 6,813,695	100%	100%	41.7%
	7-01-89	1,593,031	3,275,332	3,271,114	6,068,557	100%	100%	36.7%
	7-01-88	1,415,351	2,571,753	2,753,798	5,413,702	100%	100%	51.8%
	6-30-87	1,261,309	2,181,724	2,213,625	4,805,381	100%	100%	61.5%
	6-30-86	1,114,709	1,920,109	1,993,432	4,202,379	100%	100%	58.6%
	6-30-85	979,990	1,146,52	1,660,399	3,576,867	100%	100%	87.3%
	6-30-84	858,694	1,000,570	1,466,337	3,084,231	100%	100%	83.5%
	6-30-83	760,154	902,510	1,425,683	2,700,203	100%	100%	72.8%
	6-30-82	664,047	825,829	1,256,974	2,353,301	100%	100%	68.7%
	6-30-81	587,275	743,06	1,138,770	2,052,820	100%	100%	63.4%
PORS	7-01-90	$ 126,946	$ 292,942	$ 329,201	$ 666,699	100%	100%	75.0%
	7-01-89	105,354	246,292	259,747	553,732	100%	100%	77.8%
	7-01-88	88,984	181,813	259,454	475,020	100%	100%	78.7%
	6-30-87	77,227	151,425	191,020	414,685	100%	100%	97.4%
	6-30-86	67,080	123,394	178,958	353,269	100%	100%	91.0%
	6-30-85	56,528	115,403	143,937	290,294	100%	100%	82.2%
	6-30-84	49,246	99,105	124,729	247,185	100%	100%	79.2%
	6-30-83	43,065	62,000	115,560	211,736	100%	100%	92.3%
	6-30-82	37,141	65,312	97,030	180,801	100%	100%	80.7%
	6-30-81	32,352	54,734	87,980	153,844	100%	100%	75.9%

Note: Effective 6-30-84, PORS aggregate accrued liabilities reflect all current and future cost-of-living for current retirees and active members eligible for service retirement.
Effective 7-1-88, certain actuarial assumptions were changed: a) valuation interest rate changed from 7.0% to 7.5%; b) salary increase assumptions were strengthened.
Effective 7-1-89, certain actuarial assumptions were changed: a) valuation interest rate changed from 7.5% to 8.0%; b) salary increases, mortality and service retirement tables.

mortality and service retirement tables.

SOLVENCY TEST
(amounts expressed in thousands)

Aggregate Accrued Liabilities for:

	Valuation Date	(1) Active Member Contributions	(2) Retirants & Beneficiaries	(3) Active Members (Employer Funded Portion)	Valuation Assets	Portion of Aggregate Accrued Liabilities Covered by Assets (1)	(2)	(3)
GARS	7-01-90	$ 4,328	$ 13,102	$ 9,625	$ 21,221	100%	100%	39.4%
	7-01-89	3,953	11,593	9,167	19,358	100%	100%	41.6%
	7-01-88	3,657	9,752	9,474	17,446	100%	100%	42.6%
	6-30-87	3,270	10,564	8,680	15,475	100%	100%	18.9%
	6-30-86	2,972	9,704	8,796	13,591	100%	100%	10.4%
	6-30-85	2,602	9,631	9,279	11,729	100%	94.8%	0.0%
	6-30-84	2,340	7,703	4,361	10,437	100%	100%	9.0%
	6-30-83	2,040	5,962	6,402	9,265	100%	100%	19.7%
	6-30-82	No Valuation Performed						
	6-30-81	1,694	5,002	3,970	7,046	100%	100%	8.8%
JSRS	7-01-90	$ 5,985	$ 30,057	$ 28,716	$ 31,905	100%	89.4%	0.0%
	7-01-89	5,267	26,716	24,944	27,810	100%	84.4%	0.0%
	7-01-88	4,930	25,283	18,568	23,772	100%	74.5%	0.0%
	6-30-87	4,213	26,705	20,595	19,916	100%	58.8%	0.0%
	6-30-86	3,528	26,845	18,648	16,317	100%	47.6%	0.0%
	6-30-85	3,063	23,763	23,050	12,233	100%	38.6%	0.0%
	6-30-84	2,565	21,403	15,329	9,230	100%	31.1%	0.0%
	6-30-83	2,127	17,935	8,463	6,744	100%	25.7%	0.0%
	6-30-82	No Valuation Performed						
	6-30-81	1,449	11,509	8,544	3,157	100%	14.8%	0.0%

SUMMARY OF BASIC PROVISIONS

SCRS	PORS	GARS	JSRS
1. Membership			
Generally all employees are required to participate in the System as a condition of employment.	Generally all full time employees whose principle duties are the preservation of public order, protection or prevention and control of property destruction by fire.	All persons are required to participate upon taking office as a member of the General Assembly.	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.
2. Employee Contributions			
Class I - 5% of salary. Class II - 6% of salary.	Class I - $21 per month. Class II - 6.5% of salary.	10% of earnable compensation.	7% of total salary.
3. Employer Contributions			
Class I - 4.25% of salary. Class II - 7.55% of salary for State Departments and Public Schools. 6.7% of salary for all other participating employers.	Class I - 7.8% of salary. Class II - 10.3% of salary.	Annual lump-sum appropriation.	Annual lump-sum appropriation.
Group Life Insurance .15% of salary.	.2% of salary.	Included within annual lump-sum appropriation.	Included within annual lump-sum appropriation.
Accidental Death Program N/A	.2% of salary.	N/A	N/A

SCRS	PORS	GARS	JSRS
4. Vesting Requirements			
5 years - entitled to a deferred annuity commencing at age 60.	5 years - entitled to a deferred annuity commencing at age 55.	8 years.	N/A
5. Normal Retirement Age			
Age 65.	Age 55 with 5 years of service.	Age 60.	Age 72.
6. Requirements for Full Service Retirement			
Age 65 or 30 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 65 with 20 years service, 25 years service regardlless of age.
7. Early Retirement			
Age 60 with 5% reduction for each year under age 65; Age 55 with 25 years service, reduced 4% for each year of service under 30.	N/A	N/A	N/A
8. Formula for Normal Service Retirement			
Class I - 1.45% of Average Final Compensation times years of credited service. Class II - 1.82% of AFC times years of credited service.	Class I - $10.97 per month Class II - 2.14% of AFC times years of credited service.	4.82% of earnable compensation times years of credited service.	Annual allowance of 71.3% of the current active salary of the position.

	SCRS	PORS	GARS	JSRS
9. Requirements for Disability Retirement	5 years of credited service unless injury is job related.	5 years of credited service unless injury is job related.	5 years of credited service.	5 years of credited service.
10. Formula for Disability Retirement	Service retirement benefit based upon continued service to age 65 with no change in compensation.	Service retirement benefit based upon continued service to age 55 with no change in compensation.	The greater of: a. Service benefit based upon actual credited service. b. 50% of service benefit based upon continued service to earlier of age 60 or 35 years service.	Service retirement formula.
11. Benefit Options	Maximum Benefit Formula benefit as calculated in item 8. Any unrecovered contributions paid upon death.	Maximum Benefit Formula benefit as calculated in item 8. Any unrecovered contributions paid upon death.	Maximum Benefit Formula benefit as calculated in item 8. Any unrecovered contributions paid upon death.	Maximum Benefit Benefit as calculated in item 8. Continued benefit of one-third of retirant's benefit to a spouse beneficary upon death of retirant.
	Option 1 Reduced benefit with lump-sum payment of accumulated contributions balance reduced by 10% per year during the first ten years of retirement.	Option 1 Provides a reduced continued benefit of equal amount to the beneficiary of retirant.	Option 1 Provides a reduced continued benefit of equal amount to the beneficiary of retirant.	Optional Allowance Provides a reduced retirement allowance to retirant with a continued benefit of one-third of the retirant's allowance to a non-spouse beneficiary.
	Option 2 Provides a reduced continued benefit of equal amount to the beneficiary of retirant.	Option 2 Provides a continued benefit of 50% of the retirant's annuity payable to the retirant's beneficiary.	Option 2 Provides one-half of retired member's benefit to a surviving designated beneficiary.	

SCRS	PORS	GARS	JSRS
Option 3 Provides a continued benefit of 50% of the retirant's annuity payable to the retirant's beneficiary.	Option 3 Provides inflated benefit until social security payments begin, then annuity reduced to provide approximate level retirement income.		
Option 4 Provides inflated benefit until social security payments begin, then annuity reduced to provide approximate level retirement income.			
Revert to Maximum This feature will allow your benefits to be changed to the Maximum Benefit if you select Option 2 or 3 and your beneficiary predeceases you.	Revert to Maximum This feature will allow your benefits to be changed to the Maximum Benefit if you select Option 1 or 2 and your beneficiary predeceases you.	Revert to Maximum This feature will allow your benefits to be changed to the Maximum Benefit if you select Option 1 or 2 and your beneficiary predeceases you.	N/A
12. <u>Post Retirement Increase</u>			
4% per year, provided Consumer Price Index for prior calendar year was 3% or higher.	4% per year, provided Consumer Price Index for prior calendar year was 3% or higher.	As legislated.	N/A
13. <u>Accidental Death Program</u>			
N/A	Provides an annuity to the widow (or specified beneficiary) of a member whose death was while in performance of duty. Annuity would equal 50% of member's compensation at the time of death.	N/A	N/A

Item	SCRS	PORS	GARS	JSRS
14. 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.	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.	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.	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 actual performance of duties.	No service requirement for death resulting from actual performance of duties.	No service requirement for death resulting from actual performance of duties.	No service requirement for death resulting from actual performance of duties.
	Lump-sum payment to retiree's beneficiary of up to $3,000 based upon years of service at retirement.	Lump-sum payment to retiree's beneficiary of up to $4,000 based upon years of service at retirement.	Lump-sum payment to retiree's beneficiary of up to $3,000 based upon years of service at retirement.	Lump-sum payment to retiree's beneficiary of up to $3,000 based upon years of service at retirement.
15. Withdrawal of Employee Contributions	Accumulated contributions and credited interest payable within 6 months but not less than 90 days after termination of all covered employment.	Accumulated contributions and credited interest payable within 6 months but not less than 90 days after termination of covered employment.	Accumulated contributions and credited interest payable within 6 months after termination of all covered employment.	Accumulated contributions and credited interest within 6 months after termination of all covered employment.
16. Actuarial Valuation Method	Projected benefit method with level percentage entry age normal cost and open-end unfunded accrued liability.	Projected benefit method with level percentage entry age normal cost and open-end unfunded accrued liability.	Projected benefit method with entry age normal cost and open-end unfunded accrued liability.	Projected benefit method with entry age normal cost and open-end unfunded accrued liability.
17. Interest Rate Assumption	8.0% per annum, compounded annually.	8.0% per annum, compounded annually.	8.0% per annum, compounded annually.	8.0% per annum, compounded annually.

SCRS	PORS	GARS	JSRS
18. Unfunded Accrued Liability (7-01-90) (Based on actuarial method used for funding purposes. Amounts in thousands.)			
$2,082,758	$82,390	$5,834	$32,853
19. Unfunded Accrued Liability Liquidation Period (7-01-90)			
27 years	10 years	16 years	30 years

STATISTICAL SECTION

SOUTH CAROLINA RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

Year Ended June 30,	Employee Contributions	% of Total Revenue	Total Employer Contributions	% of Total Revenue	Investment Income	% of Total Revenue	Supplemental Benefit Revenue	% of Total Revenue	Total Revenue
1991	$ 233,152	19.3%	$ 286,799	23.8%	$ 678,984	56.2%	$8,111	0.7%	$ 1,207,046
1990	216,955	19.4%	266,669	23.8%	626,723	56.0%	8,523	0.8%	1,118,870
1989	199,934	20.4%	228,115	23.2%	544,156	55.4%	9,269	1.0%	981,474
1988	171,570	19.6%	213,497	24.3%	484,487	55.2%	7,888	0.9%	877,442
1987	159,787	18.9%	203,808	24.1%	474,080	56.0%	8,207	1.0%	845,882
1986	147,136	17.7%	190,354	22.9%	483,114	58.2%	10,024	1.2%	830,628
1985	131,301	19.0%	172,384	25.0%	374,165	54.3%	11,518	1.7%	689,368
1984	114,357	20.3%	151,153	26.9%	286,914	51.0%	10,13	1.8%	562,560
1983	106,819	21.1%	142,507	28.2%	247,246	48.9%	9,091	1.8%	505,663
1982	100,891	22.3%	136,031	30.1%	204,824	45.2%	11,008	2.4%	452,754

POLICE OFFICERS RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

Year Ended June 30,	Employee Contributions	% of Total Revenue	Total Employer Contributions	% of Total Revenue	Investment Income	% of Total Revenue	Supplemental Benefit Revenue	% of Total Revenue	Total Revenue
1991	$ 26,635	19.5%	$43,200	31.6%	$ 66,745	48.8%	$ 191	0.1%	$ 136,771
1990	25,235	17.3%	57,683	39.5%	63,030	43.1%	205	0.1%	146,153
1989	21,103	20.0%	33,040	31.4%	50,966	48.4%	250	0.2%	105,359
1988	13,634	16.9%	20,330	25.2%	46,512	57.7%	179	0.2%	80,655
1987	12,110	15.3%	25,859	32.6%	41,175	51.9%	184	0.2%	79,328
1986	11,427	14.5%	25,768	32.8%	41,108	52.3%	288	0.4%	78,591
1985	8,351	14.7%	17,980	31.5%	30,315	53.2%	362	0.6%	57,008
1984	7,451	15.6%	16,099	33.9%	23,695	49.9%	272	0.6%	47,517
1983	6,729	16.4%	14,554	35.5%	19,523	47.6%	207	0.5%	41,013
1982	6,315	17.4%	13,603	37.5%	16,016	44.2%	311	0.9%	36,245

GENERAL ASSEMBLY RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

Year Ended June 30,	Employee Contributions	% of Total Revenue	Total Employer Contributions	% of Total Revenue	Investment Income	% of Total Revenue	Total Revenue
1991	$ 314	9.4%	$ 1,026	30.6%	$ 2,007	60.0%	$ 3,347
1990	331	9.8%	1,177	34.5%	1,899	55.7%	3,407
1989	319	9.8%	1,209	37.1%	1,729	53.1%	3,257
1988	297	9.3%	1,414	44.5%	1,470	46.2%	3,181
1987	310	9.9%	1,367	43.9%	1,442	46.2%	3,119
1986	324	10.8%	1,334	44.4%	1,344	44.8%	3,002
1985	316	13.3%	934	39.5%	1,114	47.2%	2,364
1984	263	13.3%	785	39.6%	934	47.1%	1,982
1983	199	10.9%	841	45.9%	791	43.2%	1,831
1982	202	12.0%	790	46.7%	697	41.3%	1,689

JUDGES AND SOLICITORS RETIREMENT SYSTEM
REVENUE BY SOURCE
(amounts expressed in thousands)

Year Ended June 30,	Employee Contributions	% of Total Revenue	Total Employer Contributions	% of Total Revenue	Investment Income	% of Total Revenue	Total Revenue
1991	$ 590	8.2%	$ 3,418	47.3%	$ 3,214	44.5%	$ 7,222
1990	582	8.5%	3,298	48.3%	2,951	43.2%	6,831
1989	567	8.9%	3,202	50.0%	2,630	41.1%	6,399
1988	592	10.1%	3,079	52.6%	2,185	37.3%	5,856
1987	549	9.8%	3,018	54.0%	2,019	36.2%	5,586
1986	501	8.3%	2,925	48.3%	2,624	43.4%	6,050
1985	505	10.8%	2,561	55.0%	1,593	34.2%	4,659
1984	508	13.3%	2,274	59.6%	1,035	27.1%	3,817
1983	444	14.3%	1,858	59.9%	801	25.8%	3,103
1982	357	10.8%	1,634	49.4%	1,315	39.8%	3,306

SOUTH CAROLINA RETIREMENT SYSTEM
SUMMARY OF EXPENSES BY TYPE
(amounts expressed in thousands)

Year Ended	Member Refunds		Annuity Payments		Group Life Payments		Annuity Supplements		Administrative Charges		Total
June 30,	Amount	% Increase	Amount	% Increase	Amount	% Increase	Amount	% Increase	Amount	% Increase	Expenses
1991	$37,112	5.7%	$347,066	10.1%	$7,257	-4.4%	$8,111	-4.8%	$5,059	3.1%	$ 404,605
1990	35,121	3.6%	315,230	16.7%	7,591	12.5%	8,523	-8.1%	4,909	23.3%	371,374
1989	33,916	4.4%	270,232	25.0%	6,749	2.5%	9,269	17.5%	3,981	3.6%	324,147
1988	32,493	18.9%	216,264	13.1%	6,586	6.4%	7,888	-3.9%	3,843	8.2%	267,074
1987	27,340	-3.6%	191,283	14.8%	6,189	0.8%	8,207	-18.1%	3,553	0.7%	236,572
1986	28,359	7.6%	166,632	13.3%	6,139	81.6%	10,024	-13.0%	3,527	30.2%	214,681
1985	26,356	5.3%	147,039	12.3%	3,381	-8.0%	11,518	13.6%	2,7	20.6%	191,002
1984	25,022	18.4%	130,923	14.4%	3,676	15.6%	10,13	11.5%	2,245	-1.2%	172,002
1983	21,140	-14.5%	114,485	14.2%	3,179	-14.5%	9,091	-17.4%	2,273	18.9%	150,168
1982	24,733	31.3%	100,275	15.0%	3,716	12.2%	11,08	16.5%	1,911		141,643

POLICE OFFICERS RETIREMENT SYSTEM
SUMMARY OF EXPENSES BY TYPE
(amounts expressed in thousands)

Year Ended	Member Refunds		Annuity Payments		Accidental Death Benefits		Group Life Payments		Annuity Supplements		Administrative Charges		Total
June 30,	Amount	% Increase	Amount	% Increase	Amount	% Increase	Amount	% Increase	Amount	% Increase	Amount	% Increase	Expenses
1991	$ 4,439	9.3%	$ 30,281	16.5%	$ 413	0.5%	$703	-25.1%	$191	-6.8%	$ 500	10.4%	$36,527
1990	4,062	12.8%	26,000	28.2%	411	16.8%	939	22.0%	205	-18.0%	453	28.3%	32,070
1989	3,602	21.4%	20,281	36.0%	352	10.7%	770	13.9%	250	39.7%	353	5.4%	25,608
1988	2,967	27.6%	14,909	15.4%	318	10.0%	676	21.8%	179	-2.7%	335	10.9%	19,384
1987	2,326	17.3%	12,922	17.1%	289	20.8%	864	49.3%	184	-36.2%	302	4.7%	16,887
1986	1,983	1.1%	11,034	13.7%	239	0.7%	579	74.0%	288	-20.5%	289	32.0%	14,412
1985	1,961	8.3%	9,708	14.5%	237	12.0%	333	-6.9%	363	33.5%	219	23.2%	12,821
1984	1,811	36.8%	8,481	17.4%	212	13.6%	357	2.2%	272	31.4%	177	7.9%	11,310
1983	1,324	-7.5%	7,223	15.5%	187	4.6%	350	-18.2%	207	-33.6%	164	8.5%	9,455
1982	1,432	22.6%	6,256	19.4%	178	2.2%	428	-5.0%	311	34.4%	128		8,733

GENERAL ASSEMBLY RETIREMENT SYSTEM
SUMMARY OF EXPENSES BY TYPE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS AMOUNT	MEMBER REFUNDS % INCREASE	ANNUITY PAYMENTS AMOUNT	ANNUITY PAYMENTS % INCREASE	GROUP LIFE PAYMENTS AMOUNT	GROUP LIFE PAYMENTS % INCREASE	ADMINISTRATIVE CHARGES AMOUNT	ADMINISTRATIVE CHARGES % INCREASE	TOTAL EXPENSES
1991	$ 62	264.7%	$ 1,580	6.4%	$ 27	3.8%	$ 16	0.0%	$1,685
1990	17	54.6%	1,485	14.8%	26	-3.7%	16	23.1%	1,544
1989	11	-60.7%	1,294	10.6%	27		13	8.3%	1,345
1988	28	-22.2%	1,170	0.8%			12	9.1%	1,210
1987	36	93.3%	1,161	4.6%	27		11	-0.3%	1,235
1986	18	-52.5%	1,110	9.6%			11	26.3%	1,139
1985	39	253.8%	1,013	32.1%	12	-50.0%	9	18.9%	1,073
1984	11	-82.2%	767	18.8%	24	140.0%	7	4.6%	809
1983	62	9,105.4%	645	13.4%	10		7	15.5%	724
1982	1	-98.6%	569	15.9%			6		576

JUDGES & SOLICITORS RETIREMENT SYSTEM
SUMMARY OF EXPENSES BY TYPE
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	MEMBER REFUNDS AMOUNT	MEMBER REFUNDS % INCREASE	ANNUITY PAYMENTS AMOUNT	ANNUITY PAYMENTS % INCREASE	GROUP LIFE PAYMENTS AMOUNT	GROUP LIFE PAYMENTS % INCREASE	ADMINISTRATIVE CHARGES AMOUNT	ADMINISTRATIVE CHARGES % INCREASE	TOTAL EXPENSES
1991			$ 2,848	7.2%	$ 2	-80.0%	$ 24	9.1%	$ 2,874
1990	$ 47		2,657	13.4%	10		22	29.4%	2,736
1989			2,344	18.2%			17	6.3%	2,361
1988			1,983	0.6%			16	14.3%	1,999
1987	2		1,972	4.6%			14	14.8%	1,988
1986			1,885	19.3%	68	-1.7%	12	49.0%	1,965
1985			1,580	24.3%	69	27.0%	8	44.5%	1,657
1984			1,271	26.7%	54	7.1%	6	31.9%	1,331
1983	13	6.7%	1,003	16.6%	51	-53.8%	4	48.8%	1,071
1982	12	60.1%	860	21.7%	109		3		984

SOUTH CAROLINA RETIREMENT SYSTEM
Distribution of Retiree Population & Average Benefit

	Service Retirees		Disability Retirees		Beneficiaries		Total	
	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit
June 1991								
State Agency	11,172	$ 821.42	1,996	$ 577.18	1,656	$ 576.79	14,824	$ 761.21
Public Schools	18,701	772.48	1,755	634.15	1,041	530.59	21,497	749.47
Other	4,308	509.74	676	486.52	705	381.19	5,689	491.05
Total	34,181	755.36	4,427	585.92	3,402	522.12	42,010	718.62
June 1990								
State Agency	11,223	762.99	1,839	536.50	1,427	510.29	14,489	709.35
Public Schools	18,263	735.21	1,447	601.15	843	459.02	20,553	714.45
Other	4,043	471.68	589	480.41	530	410.10	5,171	456.12
Total	33,529	712.73	3,884	551.95	2,800	456.96	40,213	679.39
June 1989								
State Agency	10,718	680.00	1,723	486.63	136	456.44	13,802	633.81
Public Schools	17,788	654.45	1,366	541.71	812	410.59	19,966	636.82
Other	3,838	416.32	558	436.03	503	284.88	4,899	405.07
Total	32,344	634.66	3,647	499.52	2,676	410.28	38,667	606.38
June 1988								
State Agency	10,134	580.32	1,578	428.53	1,306	394.77	13,018	543.30
Public Schools	16,929	558.35	1,254	471.99	764	357.23	18,947	544.54
Other	3,648	351.17	526	371.63	463	244.82	4,637	347.59
Total	30,711	541.71	3,358	435.85	2,533	356.03	36,602	519.14
June 1987								
State Agency	9,666	541.68	1,457	409.52	1,255	356.75	12,378	507.38
Public Schools	16,399	517.39	1,171	448.33	716	337.68	18,286	505.94
Other	3,400	333.65	459	364.79	435	241.07	4,294	327.60
Total	29,465	504.16	3,087	417.59	2,406	330.16	34,958	484.54
June 1986								
State Agency	8,939	496.84	1,345	395.02	1,195	344.04	11,479	469.01
Public Schools	15,637	483.53	1,073	431.98	681	327.15	17,391	474.22
Other	3,065	299.57	411	403.11	421	216.54	3,897	296.37
Total	27,641	467.44	2,829	500.30	2,297	315.67	32,767	451.24
June 1985								
State Agency	8,284	462.21	1,223	376.17	1,123	316.04	10,630	463.87
Public Schools	14,967	454.73	974	420.30	643	308.85	16,584	447.05
Other	2,987	287.36	377	342.55	392	208.13	3,756	284.63
Total	26,238	438.04	2,574	387.95	2,158	294.29	30,970	423.86
June 1984								
State Agency	7,777	430.28	997	370.62	1,090	293.99	9,864	409.19
Public Schools	14,488	433.08	811	409.89	632	282.36	15,931	425.92
Other	2,922	269.05	332	337.06	373	197.57	3,627	267.93
Total	25,187	413.18	2,140	380.29	2,095	273.32	29,422	400.83

SOUTH CAROLINA RETIREMENT SYSTEM
Distribution of Retiree Population & Average Benefit (Continued)

	Service Retirees		Disability Retirees		Beneficiaries		Total	
	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit
June 1983								
State Agency	6,794	$406.49	1,617	$323.78	782	$289.07	9,193	$381.96
Public Schools	13,403	409.62	1,401	373.21	429	277.82	15,233	402.56
Other	2,629	251.03	565	275.22	275	195.62	3,469	250.57
Total	22,826	390.42	3,583	335.45	1,486	268.53	27,895	376.87
June 1982								
State Agency	6,227	380.33	1,513	300.95	741	276.99	8,481	357.14
Public Schools	12,648	386.46	1,336	360.71	411	261.77	14,395	360.51
Other	2,425	238.18	542	261.54	264	191.86	3,231	238.32
Total	21,300	367.79	3,391	318.20	1,416	256.70	26,107	355.32

POLICE OFFICERS RETIREMENT SYSTEM
Distribution of Retiree Population & Average Benefit

	Service Retirees		Disability Retirees		Beneficiaries		Total	
	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit	Number	Average Monthly Benefit
June 1991	2,216	$886.38	416	$ 810.91	452	$524.09	3,084	$823.10
June 1990	2,089	817.81	451	763.27	378	502.91	2,918	768.59
June 1989	1,879	716.50	377	655.99	351	448.33	2,607	671.64
June 1988	1,684	570.74	353	585.76	318	383.69	2,355	547.73
June 1987	1,592	520.94	321	530.58	294	361.10	2,207	501.05
June 1986	1,459	472.28	307	500.30	282	328.30	2,048	456.66
June 1985	1,382	441.23	275	494.60	257	299.33	1,914	429.84
June 1984	1,327	409.52	230	479.64	248	279.90	1,805	400.64
June 1983	1,219	372.40	307	392.03	187	273.34	1,713	365.10
June 1982	1,125	343.96	287	369.19	174	268.48	1,586	340.24

Note: Due to the small population size of the GARS and JSRS, presentations for these Systems are not shown.
Statistics generated from initial processing of data and may vary slightly from final information submitted to the Actuary.

PARTICIPATING EMPLOYERS AND ACTIVE MEMBERS

Year Ending June 30,	Number Participating Employers	Number of Active Members	Annual Payroll (000's omitted)	Average Pay	Percent Increase
SCRS					
1991	729	176,867	$ 3,797,077	$ 21,469	3.9%
1990	728	168,548	3,483,223	20,666	5.0%
1989	710	163,205	3,211,953	19,680	3.4%
1988	691	158,441	3,016,335	19,038	3.7%
1987	670	152,385	2,796,512	18,352	4.2%
1986	653	149,537	2,634,443	17,617	7.4%
1985	633	145,795	2,391,292	16,401	9.2%
1984	611	139,710	2,098,264	15,019	(.1%)
1983	589	135,548	2,038,466	15,039	12.3%
1982	571	137,297	1,839,109	13,395	8.2%
PORS					
1991	262	17,440	$ 371,012	$ 21,273	1.5%
1990	258	16,361	342,945	20,961	5.0%
1989	243	15,202	303,390	19,957	6.2%
1988	238	13,900	261,190	18,791	5.4%
1987	235	13,441	239,527	17,821	5.5%
1986	229	12,105	204,405	16,886	3.6%
1985	225	10,335	168,496	16,303	5.1%
1984	219	9,520	147,723	15,517	1.8%
1983	215	8,894	135,556	15,241	5.0%
1982	213	8,688	126,097	14,514	6.2%

NOTE: Due to the small population size of the GARS and JSRS above information is not presented for these plans.

Statistics generated from initial processing of data and may vary slightly from final information submitted to the Actuary.

PARTICIPATING EMPLOYERS

Participating Employers Covered By Statute	SCRS	PORS
State Agencies & Institutions of Higher Education	194	44
Public School Districts	106	
Participating Employers Covered By Separate Agreement	429	218

NAME	SCRS	PORS
Abbeville County	X	X
City of Abbeville	X	X
Town of Due West	X	X
Donalds-Due West Water & Sewer Authority	X	
Abbeville Civil Defense Agency	X	
City of North Augusta	X	X
County of Aiken	X	X
Aiken-Bamberg-Barnwell-Edgefield Regional Library Board	X	
City of New Ellenton	X	
Beech Island Rural Community Water District	X	
Allendale County	X	X
Allendale-Hampton Jasper Regional Library	X	
Town of Allendale	X	X
Allendale County Office On Aging	X	
Town of Honea Path	X	X
Anderson County	X	X
Anderson County Library Board	X	
Town of Williamston	X	
Anderson County Commission on Alcohol and Drug Abuse	X	
Town of Pendleton	X	X
Anderson County Sewer Authority	X	
Anderson County Planning and Development Board	X	
Town of West Pelzer	X	
Broadway Water District	X	
Bamberg County	X	X
City of Bamberg	X	X
Bamberg County Office On Aging	X	
City of Denmark	X	X
Town of Olar	X	
Town of Williston	X	
Barnwell County	X	X
City of Barnwell	X	
Barnwell County Commission on Alcohol and Drug Abuse	X	
Town of Elko	X	
Barnwell County Office On Aging	X	
Beaufort County	X	X
City of Beaufort	X	X
Beaufort-Jasper County Water Authority	X	
Beaufort Memorial Hospital	X	
Sea Pines Public Service District	X	
Sea Pines-Forest Beach Fire Department	X	
Lowcountry Regional Transportation Auth.	X	
Berkeley County	X	X
City of Hanahan	X	X
Berkeley County Water and Sewer Auth.	X	
Town of St. Stephen	X	X
Moncks Corner Water Works Commission	X	

Participating Employers Covered By Separate Agreement (Continued)

NAME	SCRS	PORS
Town of Moncks Corner	X	X
Calhoun County	X	X
City of St. Matthews	X	
Town of Cameron	X	
Calhoun County Mental Retardation Board	X	
Calhoun Conservation District	X	
County of Charleston	X	X
Charleston Commissioners of Public Works	X	
Charleston County Free Library	X	
Charleston Memorial Hospital	X	
City of Charleston	X	X
Town of Mt. Pleasant	X	X
Charleston County Department of Social Services	X	
Mt. Pleasant Water and Sewer Commission	X	
Town of Sullivans Island	X	X
Cooper River Park and Playground Commission	X	
St. Andrews Public Service District Commission	X	
James Island Public Service District Commission	X	
Charleston County Park and Recreation Commission	X	
City of North Charleston	X	X
Charleston County Airport District	X	
North Charleston Sewer District	X	
North Charleston District	X	X
Housing Authority of the City of North Charleston	X	
City of Isle of Palms	X	X
St. Andrews Parish Parks and Playgrounds	X	
Town of Ravenel	X	
Chester Metro District	X	
Chester Sewer District	X	
Hazel Pittman Center	X	
Housing Authority Of The City of Chester	X	
Chester County Mental Retardation Board	X	
Town of Cheraw	X	X
Town of Pageland	X	X
Chesterfield County	X	X
Town of Patrick	X	
Town of Chesterfield	X	X
Town of McBee	X	X
Town of Jefferson		X
Chesterfield County Mental Retardation Board	X	
Chesterfield Soil and Water Conservation District	X	
Clarendon County	X	X
City of Manning	X	X
Harvin Clarendon County Library	X	
Town of Summerton	X	X
County of Colleton	X	X
City of Walterboro	X	X
Darlington County	X	X
Darlington County Library Commission	X	
Darlington County Community Action Agency	X	
City of Hartsville	X	X
City of Darlington	X	X
Hartsville Community Center Building Commission	X	
Darlington County Water and Sewer Commission	X	
Darlington County Mental Retardation Board	X	

Participation Employers Covered By Separate Agreement (Continued)

NAME	SCRS	PORS
Dillon County	X	X
City of Dillon	X	X
Dillon County Commission on Alcohol and Drug Abuse	X	
Dillon County Employment and Training Programs	X	
Town of Latta	X	X
Town of Lake View	X	X
Town of St. George	X	X
Dorchester County	X	X
St. George Water and Sewer Department	X	
Dorchester County Library	X	
Summerville Public Works	X	
Town of Summerville	X	X
Edgefield County	X	X
Town of Trenton	X	X
Town of Winnsboro	X	X
Fairfield County	X	X
Fairfield County Library Commission	X	
Fairfield County Memorial Hospital	X	
Fairfield County Substance Abuse Commission	X	
Fairfield County - Division of Employment and Training	X	X
Fairfield County Council on Aging	X	
City of Florence	X	X
Florence County	X	X
Building Commission of the City and County of Florence	X	X
Town of Pamplico	X	X
Town of Olanta	X	X
Pee Dee Regional Transportation Authority	X	
Town of Scranton	X	X
Florence County Commission on Alcohol and Drug Abuse	X	
Town of Coward	X	
The Pee Dee Tourism Commission	X	
Florence County Mental Retardation Board	X	
Pee Dee Regional Council of Governments	X	
Town of Timmonsville	X	X
City of Georgetown	X	
Georgetown County	X	X
Rural Community Water District of Georgetown County	X	
Georgetown County Water and Sewer District	X	
Greenville Commission of Public Works	X	
City of Greenville	X	X
Greer Commission of Public Works	X	
Greenville County Library	X	
Greenville County	X	X
Western Carolina Regional Sewer Authority	X	
Parker Sewer and Fire Subdistrict	X	
City of Greer	X	X
Greenville-Spartanburg Airport District	X	
Donaldson Development Commission Donaldson Center	X	
Greenville Retirement Center	X	
The Grady Hipp Nursing Center	X	
Greater Greenville Sanitation Commission	X	
Defender Corporation of Greenville County	X	

Participating Employers Cover by Separate Agreement (Continued)

NAME	SCRS	PORS
Greenville County Mental Retardation Commission	X	
Berea Public Service District	X	
City of Mauldin	X	X
Gantt Fire-Sewer and Police District	X	
Greenville County Recreation District	X	
Greenville County Commission on Alcohol-Drug Abuse	X	
Belmont Fire and Sanitation District Commission	X	
Wade Hampton Fire and Sewer District	X	
Greenville Airport Commission	X	
Greenville County Museum Commission	X	
Town of Fountain Inn	X	X
City of Travelers Rest	X	
Metropolitan Sewer Sub-District	X	
Donaldson Fire Service Area	X	
Greenwood Commissioners of Public Works	X	
City of Greenwood	X	X
Greenwood County	X	X
Abbeville-Greenwood Regional Library Board	X	
Greenwood Metropolitan District Comm.	X	
Housing Auth. of the City of Greenwood	X	
Piedmont Multi-County Mental Retardation Board	X	
Defender Corporation of Abbeville and Greenwood	X	
Old Ninety-Six Tourism Commission	X	
Town of Ware Shoals	X	X
County of Hampton	X	X
Town of Varnville	X	
Town of Brunson	X	
Horry County Council	X	X

NAME	SCRS	PORS
City of Conway	X	X
City of Myrtle Beach	X	X
Town of Surfside Beach	X	X
City of Loris	X	X
Public Defender Corporation Horry County	X	X
Grand Strand Water and Sewer Authority	X	
Housing Authority of the City of Conway	X	
Horry County Commission on Alcohol and Drug Abuse	X	
Jasper County	X	X
Town of Ridgeland	X	X
City of Camden and Municipal Utilities	X	X
Kershaw County	X	X
Lugoff Water District of Kershaw County	X	
Town of Elgin	X	
Lancaster County	X	X
City of Lancaster	X	X
Lancaster County Library	X	
Town of Heath Springs	X	X
Lancaster County Water and Sewer District	X	
Lancaster County Mental Retardation Board	X	
City of Clinton	X	X
County of Laurens	X	X
Laurens Commissioners of Public Works	X	
Laurens County Commission on Alcohol and Drug Abuse	X	
Town of Gray Court	X	
Laurens County Mental Retardation Board	X	

Participating Employers Covered by Separate Agreement (Continued)

NAME	SCRS	PORS
Laurens County Water Resources Commission	X	X
Laurens County Soil and Water Conservation District	X	
Rabon Creek Rural Water District	X	
Lee County	X	X
Town of Bishopville	X	X
Lee County Mental Retardation Board	X	
Lexington County	X	X
City of Cayce	X	X
City of West Columbia	X	X
Lexington County Hospital Board of Trustees	X	
Town of Lexington	X	
Town of Leesville	X	
Recreation District Lexington County	X	
Irmo-Chapin Recreation District	X	
Town of Springdale	X	X
Town of Gaston	X	
Town of Pelion	X	X
Lexington County Public Library System	X	
Town of Swansea	X	
Town of Chapin	X	X
Town of Irmo	X	X
South Carolina Midlands Emergency Medical Service Management Association	X	
Gaston Rural Community Water District	X	
Marion County	X	X
City of Marion	X	X
City of Mullins	X	X
Marion County Council - JTPA	X	
Marion County Library	X	

NAME	SCRS	PORS
Marion County Commission on Alcohol and Drug Abuse	X	
Town of Sellers	X	
County of Marlboro	X	X
City of Bennettsville	X	X
Marlboro County Commission on Alcohol and Drug Abuse	X	
Public Defender Corporation of Marlboro County	X	
Town of McCormick	X	X
County of McCormick	X	X
McCormick Commission of Public Works	X	
McCormick County Water and Sewer Authority	X	
City of Newberry	X	X
Newberry County	X	X
Newberry-Saluda Regional Library	X	
Clinton-Newberry Natural Gas Authority	X	
Newberry County Nursing Home Commission	X	
Housing Authority of City of Newberry	X	
Town of Prosperity	X	
Town of Little Mountain	X	
Town of Whitmire	X	X
Whitmire Public Works	X	
Newberry County Water and Sewer Authority	X	
Westminister Commissioners of Public Works	X	
Oconee County	X	X
City of Seneca	X	X
Seneca Light and Water Plant	X	

Participating Employers Covered by Separate Agreement (Continued)

NAME	SCRS	PORS
Town of Walhalla	X	X
Town of Westminister	X	X
Oconee County Sewer Commission	X	
Town of West Union	X	X
City of Orangeburg	X	X
Orangeburg Department of Public Utilities	X	
Orangeburg County	X	X
Orangeburg County Development Commission	X	
Town of Branchville	X	
Town of Elloree	X	X
Town of North	X	X
Town of Livingston	X	
Town of Norway	X	X
Town of Bowman	X	X
Town of Santee	X	
City of Easley	X	X
City of Liberty	X	
Pickens County	X	X
Combined Utility System of Easley	X	
City of Pickens	X	X
Town of Central	X	X
Community Development Agency	X	
Pickens County Commission on Alcohol and Drug Abuse	X	
Housing Authority of The City of Easley	X	
City of Clemson	X	X
Town of Six-Mile	X	
Six-Mile Rural Community Water District	X	
Richland Memorial Hospital	X	
Richland County Public Library	X	
Richland County	X	X

NAME	SCRS	PORS
City of Columbia	X	X
Richland County Board of Assessment Control	X	
East Richland County Public Service District	X	
Recreation District and Recreation Commission of Richland County	X	
Richland - Lexington Airport District	X	
City of Forest Acres	X	X
Columbia Museum of Art	X	
Town of Eastover	X	X
Richland/Lexington Mental Retardation Board	X	
Town of Saluda	X	X
Saluda County	X	X
Saluda Commission of Public Works	X	
Saluda County Commission on Alcohol and Drug Abuse	X	
Town of Ridge Spring	X	X
Spartanburg Commissioners of Public Works	X	X
Spartanburg Sanitary Sewer District	X	
Spartanburg County	X	X
Spartanburg Regional Medical Center	X	
Spartanburg Public Library	X	
B.J. Workman Memorial Hospital	X	
Liberty-Chesnee-Fingerville Water District	X	
Town of Woodruff	X	X
Woodruff Roebuck Water District	X	
Startex-Jackson-Wellford-Duncan Water District	X	

Participating Employers Covered By Separate Agreement (Continued)

NAME	SCRS	PORS
Town of Lyman	X	X
Town of Wellford	X	X
Town of Chesnee	X	X
Inman-Campobello Water District	X	
Town of Cowpens	X	X
Town of Landrum	X	
Town of Pacolet	X	X
Town of Campobello	X	
Town of Pacolet Mills	X	
City of Inman	X	X
Housing Authority of Town of Woodruff	X	
City of Sumter	X	X
Sumter County	X	X
Sumter City-County Health Department	X	
Sumter County Library	X	
Housing Authority of City of Sumter	X	
Santee-Lynches Council For Governments	X	
Sumter County Commission on Alcohol and Drug Abuse	X	
Town of Mayesville	X	X
Union County	X	X
City of Union	X	X
Union Carnegie Library	X	
Town of Jonesville	X	
Union County Mental Retardation Board	X	
Williamsburg County	X	X
Town of Kingstree	X	X
Williamsburg County Recreation Comm.	X	
Williamsburg County Library	X	
Williamsburg County Public Defender Corporation	X	
City of Rock Hill	X	X
York County	X	X
Town of Fort Mill	X	X
York County Library	X	

NAME	SCRS	PORS
Town of Clover	X	X
City of York	X	X
Housing Authority of Fort Mill	X	
Museum of York County	X	
York County Mental Retardation and Developmental and Disability Board	X	
City of Tega Cay	X	X
York County Historical Commission	X	
Consolidated Area Transportation Authority	X	
Municipal Association of South Carolina	X	
South Carolina Education Association	X	
South Carolina Employees' Association	X	
South Carolina High School League	X	
South Carolina Association of School Boards	X	
Central Midlands Regional Planning Council	X	
South Carolina State Credit Union	X	
South Carolina Law Enforcement Officers Association	X	
South Carolina Athletic Coaches Association	X	
South Carolina Highway Employees Federal Credit Union	X	
Winthrop Credit Union	X	
Palmetto State Teachers Association	X	
South Carolina Association of Counties	X	
Town of Calhoun Falls		X
City of Aiken		X

INVESTMENT SECTION

Participating Employers Covered by Separate Agreement (Continued)

NAME	SCRS	PORS
Town of Hemingway	X	
Midway Fire Department		X
South Carolina Sheriff's Association	X	
Calhoun County Department of Education	X	
Town of Turbeville	X	X
Town of Edisto Beach	X	X
Town of Ridgeway	X	X
Town of City View	X	X
Hampton County Mental Retardation Board	X	
Horry Soil Conservation District	X	
McCormick Health Care Center	X	
Pioneer Rural Water District	X	
Town of Vance	X	X
Easley Central Water District	X	
Town of Ward	X	
Santee-Wateree Regional Transportation Authority	X	
Catawba Regional Planning Council	X	
South Carolina State Firemens Association	X	
Charleston County Aviation Authority		X
Ashley River Fire District		X
Murrell Inlet-Garden City Fire District		X
Croft Fire District		X
Pelham-Batesville Fire District		X
Belton-Honea Path Water District	X	
Homeland Park Water District	X	
Town of Lincolnville	X	
Charleston County Substance Abuse Comm.	X	
Gaffney Board of Public Works	X	
Cherokee County	X	X
City of Gaffney	X	X
Cherokee County Public Library	X	
Cherokee County Recreation District	X	

NAME	SCRS	PORS
Cherokee County Commission on Alcohol and Drug Abuse	X	
Town of Blacksburg	X	X
City of Chester	X	X
Chester County	X	X
Chester County Free Library	X	
Fairfield County Mental Retardation Board	X	
Greenville Memorial Auditorium District	X	
Town of Iva		X
North Spartanburg Area Fire and Rescue District	X	
Sumter County Mental Retardation Board	X	
Sheldon Township Fire Agency		X
Town of Briarcliffe Acres		X
Town of Lexington		X
Dorchester School District 2		X
Town of Atlantic Beach	X	
Jasper County Development Board	X	
Town of Nichols	X	
Orangeburg County Mental Retardation Board	X	

INVESTMENT SECTION

STATE OF SOUTH CAROLINA

OFFICE OF STATE TREASURER

GRADY L. PATTERSON, JR.
TREASURER

P. O. DRAWER 11778

COLUMBIA
29211

November 12, 1991

The Honorable Carroll A. Campbell, Jr.
Members of the General Assembly of
South Carolina

Dear Governor and Members:

As Custodian of Funds for the South Carolina Retirement System, I have the honor of transmitting herewith a report on South Carolina Retirement Systems Investments for Fiscal Year ended June 30, 1991.

Authorized investments for Retirement Funds are identified by statute. The investments are sound and are in fixed income securities only. Funds are primarily invested in governments and agencies and utilities. The accompanying charts indicate the distribution of investments for the Retirement Systems. We continue to carefully monitor market changes and review investment alternatives in order to maintain the security of principal, achieve as high a return as possible within prescribed parameters and provide for necessary liquidity.

Retirement Funds are secure and our portfolio is considered one of the most successful State pension fund portfolios in the country. In a nationwide study, South Carolina Retirement Systems Funds ranked in the top 5 percentile among 347 fixed income Public Funds over the past 5 years. This is indeed a significant achievement.

We take great pride in the quality of the portfolio and are pleased that it has achieved this recognition. 98% of the holdings are rated AA or better by two rating services or are fully guaranteed by the U.S. Government. The total rate of return has equalled 11.1% over the past 5 years.

Investment income is a significant source of revenues for the four Retirement Systems. Investment earnings coupled with contributions provide a basis for actuarial computations and pension benefits. In fact, our successful investment program has contributed to increased benefits for public employees and has provided sufficient income to fund a 4% cost of living increase for retirees in 1990-91.

The Honorable Carroll A. Campbell, Jr.
November 12, 1991
Page 2

The Retirement Systems are adequately funded and actuarially sound.

I take great pride in serving as Custodian of Funds for the South Carolina Retirement Systems and in utilizing our various resources to invest these funds in such a way as to secure their availability for the purpose intended.

With kindest regards, I am

Very truly yours,

Grady L. Patterson, Jr.
State Treasurer

GLPJr:cp

SUMMARY OF INVESTMENT GROWTH
SOUTH CAROLINA RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	AMORTIZED COST OF INVESTMENTS*	% INCREASE FOR YEAR	NET INCOME FROM INVESTMENTS	% INCREASE FOR YEAR	AVERAGE YIELD
1991	$7,461,712	13.1%	$ 678,984	8.3%	10.15%
1990	6,598,570	12.0%	626,723	15.2%	10.57%
1989	5,891,965	13.9%	544,156	12.3%	10.35%
1988	5,171,978	14.0%	484,487	2.2%	10.51%
1987	4,535,750	14.1%	474,080	-1.9%	11.80%
1986	3,974,878	20.1%	483,114	29.1%	14.20%
1985	3,310,515	17.9%	374,166	30.4%	13.03%
1984	2,807,577	15.0%	286,914	16.0%	11.56%
1983	2,441,321	15.5%	247,247	20.7%	11.48%
1982	2,113,453	11.9%	204,824	21.4%	10.79%

SUMMARY OF INVESTMENT GROWTH
POLICE OFFICERS RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	AMORTIZED COST OF INVESTMENTS*	% INCREASE FOR YEAR	NET INCOME FROM INVESTMENTS	% INCREASE FOR YEAR	AVERAGE YIELD
1991	$ 755,081	15.9%	$66,745	5.9%	9.96%
1990	651,617	17.9%	63,030	23.7%	11.04%
1989	552,766	20.5%	50,966	9.6%	10.61%
1988	458,829	15.5%	46,512	13.0%	11.49%
1987	397,258	16.4%	41,175	0.2%	11.81%
1986	341,352	22.7%	41,108	35.6%	14.21%
1985	278,136	20.3%	30,315	27.9%	12.65%
1984	231,296	15.7%	23,696	21.4%	11.63%
1983	199,915	17.5%	19,524	21.9%	11.14%
1982	170,208	14.1%	16,016	20.3%	10.56%

* Amortized cost includes investment categories classified as cash equivalents for financial statement purposes.

SUMMARY OF INVESTMENT GROWTH
GENERAL ASSEMBLY RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	AMORTIZED COST OF INVESTMENTS*	% INCREASE FOR YEAR	NET INCOME FROM INVESTMENTS	% INCREASE FOR YEAR	AVERAGE YIELD
1991	$ 22,052	8.3%	$ 2,007	5.7%	9.93%
1990	20,366	10.3%	1,899	9.8%	10.28%
1989	18,468	11.5%	1,729	17.6%	10.38%
1988	16,563	13.7%	1,470	1.9%	9.91%
1987	14,574	13.7%	1,442	7.3%	11.11%
1986	12,818	18.8%	1,344	20.6%	12.07%
1985	10,787	13.6%	1,114	19.3%	11.63%
1984	9,499	11.2%	934	18.0%	10.92%
1983	8,539	9.1%	791	13.5%	10.16%
1982	7,829	14.7%	697	20.2%	9.99%

SUMMARY OF INVESTMENT GROWTH
JUDGES & SOLICITORS RETIREMENT SYSTEM
(amounts expressed in thousands)

YEAR ENDED JUNE 30,	AMORTIZED COST OF INVESTMENTS*	% INCREASE FOR YEAR	NET INCOME FROM INVESTMENTS	% INCREASE FOR YEAR	AVERAGE YIELD
1991	$ 35,616	10.4%	$ 3,214	8.9%	9.94%
1990	32,269	18.1%	2,951	12.2%	10.42%
1989	27,314	17.0%	2,630	20.4%	10.95%
1988	23,345	19.3%	2,185	8.2%	10.73%
1987	19,574	20.5%	2,019	-23.1%	11.95%
1986	16,241	33.6%	2,623	64.7%	20.36%
1985	12,154	32.8%	1,593	53.9%	16.16%
1984	9,154	36.8%	1,035	29.3%	13.98%
1983	6,694	43.0%	801	-39.1%	15.15%
1982	4,680	49.5%	1,315	270.0%	40.47%

Average yield is calculated using the following equation:

$$\frac{I}{1/2\,(A + B - I)}$$

A = Fund value at the beginning of the year
B = Fund value at the end of the year
I = Earned investment income during the year

Note:
The Systems, effective 7-1-86 adopted the accrual basis of accounting for recognization of interest income and the effective interest method for amoritzation of premiums and discounts.

*Amortized cost includes investment categories classified as cash equivalents for financial statement purposes.

INVESTMENTS
SOUTH CAROLINA RETIREMENT SYSTEM
(amounts expressed in thousands)

	June 30, 1991			June 30, 1990			June 30, 1989		
	Par Value	Amortized Cost	% of Total	Par Value	Amortized Cost	% of Total	Par Value	Amortized Cost	% of Total
Short-term investments:									
* Repurchase agreements	$ 134,700	$ 134,700	1.81%	$ 195,595	$ 195,595	2.96%	$ 163,815	$ 163,815	2.78%
Treasury bills							25,000	24,802	.42%
Discount notes	112,970	111,224	1.49%	29,850	29,420	.44%	278,375	275,707	4.68%
	247,670	245,924	3.30%	225,445	225,015	3.40%	467,190	464,324	7.88%
U.S. Government agencies & government insured:									
Treasury notes	277,600	276,987	3.71%	242,600	241,946	3.67%	222,600	221,861	3.77%
Treasury bonds	1,080,777	1,034,502	13.86%	1,040,777	993,626	15.06%	1,040,777	991,854	16.83%
Treasury bonds (zero coupons)	3,270,760	1,139,750	15.27%	3,361,850	1,205,352	18.27%	3,290,737	1,094,592	18.58%
U.S. Government agencies	2,921,073	2,467,964	33.08%	2,148,475	2,103,425	31.88%	1,384,235	1,342,256	22.78%
Insured merchant marine bonds	41,726	41,644	.56%	44,995	44,900	.68%	53,098	52,993	.90%
	7,591,936	4,960,847	66.48%	6,838,697	4,589,249	69.56%	5,991,447	3,703,556	62.86%
Corporate bonds:									
Industrials	643,471	614,519	8.23%	503,189	469,907	7.12%	447,567	412,153	6.99%
Utilities	1,501,280	1,406,978	18.86%	1,168,448	1,085,372	16.45%	1,089,439	1,001,622	17.00%
Financial & other	234,532	233,444	3.13%	230,227	229,027	3.47%	311,790	310,310	5.27%
	2,379,283	2,254,941	30.22%	1,901,864	1,784,306	27.04%	1,848,796	1,724,085	29.26%
Total investments	$ 10,218,889	$7,461,712	100.00%	$8,966,006	$6,598,570	100.00%	$8,307,433	$5,891,965	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS
POLICE OFFICERS RETIREMENT SYSTEM
(amounts expressed in thousands)

	June 30, 1991 Par Value	June 30, 1991 Amortized Cost	June 30, 1991 % of Total	June 30, 1990 Par Value	June 30, 1990 Amortized Cost	June 30, 1990 % of Total	June 30, 1989 Par Value	June 30, 1989 Amortized Cost	June 30, 1989 % of Total
Short-term investments:									
* Repurchase agreements	$ 26,615	$ 26,615	3.53%	$ 6,345	$ 6,345	.97%	$ 48,295	$ 48,295	8.74%
Discount notes	15,000	14,676	1.94%	5,000	4,968	.76%	9,300	9,261	1.67%
	41,615	41,291	5.47%	11,345	11,313	1.73%	57,595	57,556	10.41%
U.S. Government agencies & government insured:									
Treasury notes	39,750	39,568	5.24%	40,150	39,992	6.14%	40,150	39,967	7.23%
Treasury bonds	94,810	90,822	12.03%	94,810	90,729	13.92%	94,810	90,645	16.40%
Treasury bonds (zero coupons)	205,835	64,323	8.52%	178,944	56,968	8.74%	186,116	55,732	10.08%
U.S. Government agencies	305,071	261,180	34.59%	260,027	254,254	39.02%	137,990	133,984	24.24%
Insured merchant marine bonds	7,802	7,802	1.03%	8,170	8,170	1.25%	8,479	8,479	1.54%
	653,268	463,695	61.41%	582,101	450,113	69.07%	467,545	328,807	59.49%
Corporate bonds:									
Industrials	62,190	60,150	7.97%	39,310	37,367	5.74%	22,820	20,915	3.78%
Utilities	187,995	178,845	23.68%	141,900	134,733	20.68%	131,545	122,716	22.20%
Financial & other	11,100	11,100	1.47%	18,100	18,091	2.78%	22,800	22,772	4.12%
	261,285	250,095	33.12%	199,310	190,191	29.20%	177,165	166,403	30.10%
	$ 956,168	$ 755,081	100.00%	$ 792,756	$ 651,617	100.00%	$ 702,305	$ 552,766	100.00%
Total investments									

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS
GENERAL ASSEMBLY RETIREMENT SYSTEM
(amounts expressed in thousands)

	June 30, 1991 Par Value	June 30, 1991 Amortized Cost	June 30, 1991 % of Total	June 30, 1990 Par Value	June 30, 1990 Amortized Cost	June 30, 1990 % of Total	June 30, 1989 Par Value	June 30, 1989 Amortized Cost	June 30, 1989 % of Total
Short-term investments:									
*Repurchase agreements	$ 1,520	$ 1,520	6.89%	$ 1,350	$ 1,350	6.63%	$ 2,515	$ 2,515	13.62%
	1,520	1,520	6.89%	1,350	1,350	6.63%	2,515	2,515	13.62%
U.S. Government agencies & government insured:									
Treasury notes	2,400	2,391	10.84%	2,400	2,389	11.73%	2,400	2,387	12.93%
Treasury bonds	3,420	3,287	14.91%	3,420	3,285	16.13%	3,420	3,282	17.77%
Treasury bonds (zero coupons)	5,347	1,891	8.57%	5,347	1,727	8.48%	5,347	1,577	8.53%
U.S. Government agencies	9,366	7,577	34.36%	6,961	6,702	32.91%	4,033	4,009	21.71%
Insured merchant marine bonds	211	211	.96%	240	240	1.18%	271	271	1.47%
	20,744	15,357	69.64%	18,368	14,343	70.43%	15,471	11,526	62.41%
Corporate bonds:									
Industrials	700	658	2.98%	700	657	3.22%	700	657	3.56%
Utilities	4,550	4,317	19.58%	4,050	3,816	18.74%	4,050	3,570	19.33%
Financial & other	200	200	.91%	200	200	.98%	200	200	1.08%
	5,450	5,175	23.47%	4,950	4,673	22.94%	4,950	4,427	23.97%
Total investments	$ 27,714	$ 22,052	100.00%	$ 24,668	$ 20,366	100.00%	$ 22,936	$ 18,468	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS
JUDGES & SOLICITORS RETIREMENT SYSTEM
(amounts expressed in thousands)

	June 30, 1991			June 30, 1990			June 30, 1989		
	Par Value	Amortized Cost	% of Total	Par Value	Amortized Cost	% of Total	Par Value	Amortized Cost	% of Total
Short-term investments:									
*Repurchase agreements	$ 2,520	$ 2,520	7.08%	$ 1,235	$ 1,235	3.83%	$ 3,130	$ 3,130	11.46%
	2,520	2,520	7.08%	1,235	1,235	3.83%	$ 3,130	3,130	11.46%
U.S. Government agencies & government insured:									
Treasury notes	2,200	2,192	6.15%	2,200	2,191	6.79%	2,200	2,190	8.02%
Treasury bonds	3,300	3,224	9.05%	3,300	3,221	9.98%	3,300	3,219	11.78%
Treasury bonds (zero coupons)	11,000	5,973	16.77%	8,094	5,395	16.72%	8,094	4,890	17.90%
U.S. Government agencies	14,793	12,154	34.13%	11,495	11,177	34.64%	6,129	5,806	21.26%
	31,293	23,543	66.10%	25,089	21,984	68.13%	19,723	16,105	58.96%
Corporate bonds:									
Industrials	2,500	2,489	6.99%	1,500	1,488	4.61%	500	496	1.82%
Utilities	7,250	7,064	19.83%	6,750	6,563	20.34%	6,750	6,587	24.11%
Financial & other				1,000	999	3.09%	1,000	996	3.65%
	9,750	9,553	26.82%	9,250	9,050	28.04%	8,250	8,079	29.58%
Total investments	$ 43,563	$ 35,616	100.00%	$ 35,574	$ 32,269	100.00%	$ 31,103	$ 27,314	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS SUMMARY OF BOOK VALUE
SOUTH CAROLINA RETIREMENT SYSTEM
(amounts expressed in thousands)

Type of Investment	Book Value June 30, 1990	Purchases	Sales	Accretion/ Amortization	Book Value June 30, 1991	% Book Value June 30, 1991
Short-term investments:						
* Repurchase agreements	$ 195,595	$25,046,030	$ 25,106,925		$ 134,700	1.81%
Treasury bills						
Discount notes	29,420	184,179	104,945	$ 2,570	111,224	1.49%
	225,015	25,230,209	25,211,870	2,570	245,924	3.30%
U.S. Government agencies & government insured:						
Treasury notes	241,946	34,904		137	276,987	3.71%
Treasury bonds	993,626	39,665		1,211	1,034,502	13.86%
Treasury bonds (zero coupons)	1,205,352	155,514	324,787	103,671	1,139,750	15.27%
U.S. Government agencies	2,103,425	1,079,077	725,083	10,545	2,467,964	33.08%
Insured merchant marine bonds	44,899		3,267	12	41,644	.56%
	4,589,248	1,309,160	1,053,137	115,576	4,960,847	66.48%
Corporate bonds:						
Industrials	469,907	220,545	76,108	175	614,519	8.23%
Utilities	1,085,372	361,654	41,290	1,242	1,406,978	18.86%
Financial & other	229,028	24,906	20,537	47	233,444	3.13%
	1,784,307	607,105	137,935	1,464	2,254,941	30.22%
Total investments	$6,598,570	$27,146,474	$ 26,402,942	$119,610	$ 7,461,712	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS SUMMARY OF BOOK VALUE
POLICE OFFICERS RETIREMENT SYSTEM
(amounts expressed in thousands)

Type of Investment	Book Value June 30, 1990	Purchases	Sales	Accretion/ Amortization	Book Value June 30, 1991	% Book Value June 30, 1991
Short-term investments:						
* Repurchase agreements	$ 6,345	$ 6,304,255	$ 6,283,985		$ 26,615	3.52%
Discount notes	4,968	23,434	14,000	$ 274	14,676	1.94%
	11,313	6,327,689	6,297,985	274	41,291	5.46%
U.S. Government agencies & government insured:						
Treasury notes	39,992	9,943	10,394	27	39,568	5.24%
Treasury bonds	90,729			93	90,822	12.03%
Treasury bonds (zero coupons)	56,968	15,636	14,040	5,759	64,323	8.52%
U.S. Government agencies	254,254	94,010	86,948	(136)	261,180	34.59%
Insured merchant marine bonds	8,170		368		7,802	1.03%
	450,113	119,589	111,750	5,743	463,695	61.41%
Corporate bonds:						
Industrials	37,367	22,771	50	62	60,150	7.97%
Utilities	134,733	44,012		100	178,845	23.69%
Financial & other	18,091	4,700	11,700	10	11,101	1.47%
	190,191	71,483	11,750	172	250,096	33.13%
Total investments	$ 651,617	$ 6,518,761	$ 6,421,485	$ 6,189	$ 755,082	100.00%

Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENTS SUMMARY OF BOOK VALUE
GENERAL ASSEMBLY RETIREMENT SYSTEM
(amounts expressed in thousands)

Type of Investment	Book Value June 30, 1990	Purchases	Sales	Accretion/ Amortization	Book Value June 30, 1991	% Book Value June 30, 1991
Short-term investments:						
* Repurchase agreements	$ 1,350	$93,475	$ 93,305		$ 1,520	6.89%
Discount notes		983	1,000	$ 17		
	1,350	94,458	94,305	17	1,520	6.89%
U.S. Government agencies & government insured:						
Treasury notes	2,389			2	2,391	10.84%
Treasury bonds	3,285			2	3,287	14.91%
Treasury bonds (zero coupons)	1,727			164	1,891	8.57%
U.S. Government agencies	6,702	1,946	1,086	15	7,577	34.36%
Insured merchant marine bonds	240		29		211	.96%
	14,343	1,946	1,115	183	15,357	69.64%
Corporate bonds:						
Industrials	657			1	658	2.98%
Utilities	3,816	500		1	4,317	19.58%
Financial & other	200				200	.91%
	4,673	500		2	5,175	23.47%
Total investments	$ 20,366	$96,904	$ 95,420	$ 202	$ 22,052	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

INVESTMENT SUMMARY OF BOOK VALUE
JUDGES & SOLICITORS RETIREMENT SYSTEM
(amounts expressed in thousands)

Type of Investment	Book Value June 30, 1990	Purchases	Sales	Accretion/ Amortization	Book Value June 30, 1991	% Book Value June 30, 1991
Short-term investments:						
* Repurchase agreements	$ 1,235	$ 122,435	$ 121,150		$ 2,520	7.08%
Discount notes		1,965	2,000	$ 35		
	1,235	124,400	123,150	35	2,520	7.08%
U.S. Government agencies & government insured:						
Treasury notes	2,191			1	2,192	6.15%
Treasury bonds	3,221			3	3,224	9.05%
Treasury bonds (zero coupons)	5,395	2,807	2,808	579	5,973	16.77%
U.S. Government agencies	11,177	5,139	4,158	(4)	12,154	34.13%
	21,984	7,946	6,966	579	23,543	66.10%
Corporate bonds:						
Industrials	1,488	1,000		1	2,489	6.99%
Utilities	6,563	500		1	7,064	19.83%
Financial & other	999		1,000	1		
	9,050	1,500	1,000	3	9,553	26.82%
Total investments	$ 32,269	$ 133,846	$ 131,116	$ 617	$ 35,616	100.00%

*Note: Repurchase agreements were classified as cash equivalents for financial statement purposes.

SUMMARY OF MARKET VALUE OF INVESTMENTS
(amounts expressed in thousands)

	South Carolina Retirement System			Police Officers Retirement System		
	Market Value 6-30-90	Market Value 6-30-91	% of Market Value	Market Value 6-30-90	Market Value 6-30-91	% of Market Value
Short-term investments:						
Repurchase agreements	$ 195,595	$ 134,700	1.69%	$ 6,345	$ 26,615	3.29%
Discount notes	29,214	111,194	1.39%	4,936	14,577	1.80%
	224,809	245,894	3.08%	11,281	41,192	5.09%
U.S. Government agencies & government insured:						
Treasury notes	253,332	288,668	3.62%	41,098	41,423	5.12%
Treasury bonds	1,238,145	1,284,545	16.10%	112,203	112,475	13.90%
Treasury bonds (zero coupons)	1,300,349	1,246,733	15.62%	63,396	71,753	8.86%
U.S. Government agencies	2,137,260	2,551,392	31.97%	254,861	279,237	34.50%
Insured merchant marine bonds	47,566	43,506	.54%	8,675	8,343	1.03%
	4,976,652	5,414,844	67.85%	480,233	513,231	63.41%
Corporate bonds:						
Industrials	463,777	614,800	7.70%	37,695	61,764	7.63%
Utilities	1,123,987	1,461,168	18.31%	135,808	182,110	22.50%
Financial & other	229,155	243,798	3.06%	17,968	11,061	1.37%
	1,816,919	2,319,766	29.07%	191,471	254,935	31.50%
Total investments	$ 7,018,380	$ 7,980,504	100.00%	$682,985	$809,358	100.00%

General Assembly Retirement System			Judges & Solicitors Retirement System		
Market Value 6-30-90	Market Value 6-30-91	% of Market Value	Market Value 6-30-90	Market Value 6-30-91	% of Market Value
$1,350	$ 1,520	6.43%	$ 1,235	$ 2,520	6.66%
1,350	1,520	6.43%	1,235	2,520	6.66%
2,493	2,512	10.63%	2,299	2,304	6.09%
3,902	3,916	16.57%	3,840	3,856	10.20%
1,866	2,014	8.52%	5,892	6,640	17.56%
6,950	7,950	33.63%	11,467	12,764	33.76%
249	214	.90%			
15,460	16,606	70.25%	23,498	25,564	67.61%
697	703	2.97%	1,461	2,523	6.68%
4,041	4,627	19.58%	6,596	7,204	19.05%
179	181	.77%	1,002		
4,917	5,511	23.32%	9,059	9,727	25.73%
$ 21,727	$ 23,637	100.00%	$ 33,792	$ 37,811	100.00%

Quantity	1,200
Printing Cost	$7,083
Unit Cost	$5.90