# The Retirement Systems of Alabama

Component Units of the State of Alabama

Comprehensive Annual Financial Report



## The Retirement Systems of Alabama

Component Units of the State of Alabama

COMPREHENSIVE ANNUAL FINANCIAL REPORT

For the Fiscal Year Ended September 30, 2003

The Retirement Systems of Alabama Consists of:

TEACHERS' RETIREMENT SYSTEM of ALABAMA EMPLOYEES' RETIREMENT SYSTEM of ALABAMA JUDICIAL RETIREMENT FUND

(Each a Component Unit of The State of Alabama)

David G. Bronner, Ph.D., J.D., Chief Executive Officer

135 South Union Street ◆ P. O. Box 302150 ◆ Montgomery, Alabama 36130-2150 (334) 832-4140 or 1-800-214-2158 ◆ <a href="http://www.rsa.state.al.us">http://www.rsa.state.al.us</a>

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# **Retirement Systems of Alabama**



Teachers'
Paul R. Hubbert, Chair
Sarah Swindle, Vice Chair

David G. Bronner, CEO Marcus H. Reynolds, Jr., Deputy

Employees'
State State Police Public Judicial
Bob Riley, Chair
John H. Wilkerson, Jr., Vice Chair

March 15, 2004

The Boards of Control Teachers' Retirement System of Alabama Employees' Retirement System of Alabama 135 South Union Street Montgomery, AL 36130

### Dear Board Members:

It is with great pleasure that I submit the Comprehensive Annual Financial Report (CAFR) of the Retirement Systems of Alabama (RSA) for the fiscal year ended September 30, 2003. The Retirement Systems of Alabama includes the Teachers' Retirement System of Alabama (TRS), the Employees' Retirement System of Alabama (ERS), and the Judicial Retirement Fund (JRF). Each system is considered a component unit of the State of Alabama for financial reporting purposes, and, as such, the financial statements contained in this report are also included in the State of Alabama Comprehensive Annual Financial Report.

Responsibility for both the accuracy of the data, and the completeness and fairness of the presentation, including all disclosures, rests with the management of the Systems. Sufficient internal controls exist to provide reasonable assurance regarding the safekeeping of assets and fair presentation of the financial statements, supporting schedules, and statistical tables. I trust that you and the members of the Systems will find this report helpful in understanding your retirement system.

### Report Contents

The 2003 Comprehensive Annual Financial Report is divided into the following five sections:

- The *Introductory Section*, which contains this letter of transmittal and general information regarding the operations and administrative structure of the RSA.
- The *Financial Section*, which contains the Independent Auditors' Report by KPMG LLP, Management's Discussion and Analysis, financial statements, required supplementary information, and supporting schedules for the TRS, ERS, and JRF.
- The *Investment Section*, which contains a report on investment activity, an outline of investment policies, investment results, and various investment schedules.
- The Actuarial Section, which contains the certification letter of the independent consulting actuary, Mellon, for the TRS, ERS, and JRF, as well as summaries of the results of the most recent actuarial valuations.
- The Statistical Section, which contains significant statistical information regarding the TRS, ERS, and JRF.

Introductory Section
Letter of Transmittal (Continued)

### **Administration and Plan History**

The Teachers' Retirement System (TRS), Employees' Retirement System (ERS), and Judicial Retirement Fund (JRF) operate under common management and are collectively referred to as the Retirement Systems of Alabama (RSA). In addition to executive management, the TRS, ERS, and JRF share investment management, accounting, and information system services, the costs of which are allocated to the funds on an equitable basis. The TRS was established under the provisions of Act 419 of the Legislature of 1939 to provide benefits to qualified persons employed by State-supported educational institutions. The ERS was established under the provisions of Act 515 of the Legislature of 1945 to provide benefits to State employees, State police, and, on an elective basis, to qualified persons of cities, towns, and quasi-public organizations. The JRF was established under the provisions of Act 1163 of the Legislature of 1973 to provide benefits to qualified judges and justices. Additional information regarding the administration and history of each system, including laws establishing each plan and services provided, can be found in the *Financial Section - Notes to the Financial Statements* portion of this report.

### **Financial Information**

Accounting Method - As required by Generally Accepted Accounting Principles (GAAP), the financial information of the TRS, ERS, and JRF is reported on the accrual basis of accounting. Revenues are recognized when earned and expenses are recognized when the corresponding liability is incurred. Investments are reported at fair value.

*Internal Controls* - The management of the RSA is responsible for maintaining the system of internal controls (system). The system provides management with reasonable, but not absolute, assurance regarding the safeguarding of assets against loss or unauthorized disposition and the reliability of the financial records from which the financial reports are prepared. The concept of reasonable assurance recognizes that the cost of a control should not exceed the resulting benefits.

Summary Comparative Data – Management's Discussion and Analysis (MD&A) includes a narrative introduction, an overview of the financial statements, including the notes, and required supplementary information, and summary comparative data for fiscal years 2003 and 2002. Also, an analysis of significant variances between fiscal years 2003 and 2002 is provided in the MD&A.

### **Plan Financial Condition**

The funding objective of the RSA pension trust funds is to meet long-term benefit requirements through contributions, which remain relatively level as a percent of member payroll over time, and through investment earnings. Historical information concerning funding progress is presented in the *Required Supplementary Information* - "Schedule of Funding Progress" on page 34.

At the date of the latest actuarial valuations, as presented in the *Notes to the Required Supplementary Information* on page 36, the number of participants in the TRS, ERS, and JRF was 202,130, 118,858, and 708, respectively. The TRS's last valuation was performed as of June 30, 2003. The TRS's funded percentage decreased from 97.4% at June 30, 2002 to 93.6% at June 30, 2003. The ERS's and JRF's last valuations were performed as of September 30, 2002. The ERS's funded percentage decreased from 100.2% at September 30, 2001 to 95.4% at September 30, 2002. The JRF's funded percentage decreased from 85.0% at September 30, 2001 to 84.7% at September 30, 2002.

### **Investment Activity**

Total investments for the RSA increased in fiscal year 2003, primarily due to increases in the fair value of investments. Investment balances for the TRS, ERS, and JRF at September 30, 2003 were \$15.5 billion, \$7.1 billion and \$204.0 million, respectively, compared to investment balances for the TRS, ERS, and JRF at September 30, 2002 of \$13.9 billion, \$6.3 billion, and \$190.2 million, respectively. Total pension fund investments managed by the RSA increased from \$20.4 billion at September 30, 2002 to \$22.8 billion at September 30, 2003, an 11.8% increase.

Interest and dividend income for the TRS, ERS, and JRF for the fiscal year ended September 30, 2003 was \$592.6 million, \$271.7 million, and \$8.0 million, respectively, compared to \$672.2 million, \$297.8 million, and \$9.8 million, respectively, for the fiscal year ended September 30, 2002. The increase in fair value of investments for the TRS, ERS, and JRF for the fiscal year ended September 30, 2003 was \$1.4 billion, \$668.5 million and \$12.9

Introductory Section

Letter of Transmittal (Continued)

million, respectively, compared to the decrease in fair value of investments of \$1.9 billion, \$953.2 million, and \$33.0 million, respectively, for the fiscal year ended September 30, 2002.

The staff will continue to purchase and develop investments that will facilitate the mission of the RSA and serve the interests of our members by preserving the excellent benefits and soundness of the RSA while providing these at the least expense to the State of Alabama and all Alabama taxpayers. With the continued cooperative efforts of the Boards of Control, the RSA staff, and the Legislature, this goal will be achieved.

### Management's Discussion and Analysis

GASB Statement No. 34 requires that management provide a narrative introduction, overview, and analysis to accompany the Financial Statements in the form of Management's Discussion and Analysis (MD&A). This letter of transmittal is intended to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately following the Independent Auditors' Report.

### **Legislation Enacted During Fiscal-Year 2003**

Act 2003-120 Authorizes Tuscaloosa County elected officials to participate in the ERS.

Act 2003-204 Authorizes Hale County elected officials to participate in the ERS.

Act 2003-376 Allows ERS members participating under Alabama Code Section 36-27-6 to purchase prior service credit under any other retirement system using the formula in effect for computing cost prior to December 28, 2001.

Act 2003-414 Includes the Mobile County Sheriff position as an elected official authorized to participate in the ERS.

### **Professional Services**

Professional consultants are appointed by the Boards of Control to perform professional services that are essential to the effective operation of the TRS, ERS, and JRF. An opinion from the independent certified public accountant and the certification letters from the independent actuary are included in this report. The professional consultants appointed by the Boards of Control are listed on page 9 of this report.

### **Highlights and Initiatives**

During the fiscal year, the *Plan Sponsor Magazine* honored the RSA as the "Plan Sponsor of the Year" for 2002. The magazine reviewed the history of the RSA, and its insistence on helping the state's economy as well as the RSA's participants over the past three decades.

The Retirement Systems of Alabama continues to expand its investments in real estate. Projects that are currently in progress include:

- The RSA Battle House Hotel and office complex in Mobile, which will assist in the revitalization of downtown Mobile.
- A new Robert Trent Jones (RTJ) 18-hole championship golf course in Hoover, Alabama. A hillside hotel/civic center complex will overlook the course.
- A new 36-hole RTJ championship golf complex in Florence, Alabama in conjunction with a new hotel that will be located next to the new Florence Conference Center and Renaissance Tower.

These investments will further diversify the RSA's real estate portfolio with the added benefit of investing in Alabama.

Introductory Section

Letter of Transmittal (Continued)

### 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 Retirement Systems of Alabama for its comprehensive annual financial report for the fiscal year ended September 30, 2002. The Certificate of Achievement is a prestigious national award, which recognizes conformance with the highest standards for preparation of state and local government financial reports.

In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive 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. We believe our current report continues to conform to the Certificate of Achievement Program requirements, and we are submitting it to the GFOA.

### Acknowledgments

The compilation of this report reflects the combined effort of the staff under the leadership of the Boards of Control. It is intended to provide extensive and reliable information as a basis for making management decisions, determining compliance with legal provisions, and determining responsible stewardship of the funds of the TRS, ERS, and JRF.

I would like to take this opportunity to express my gratitude to the staff, the Boards of Control, the consultants, the Legislature, and to the many people who have worked so diligently through continued cooperative efforts to assure the successful operation and financial soundness of the TRS, ERS, and JRF.

Sincerely,

Norman D. Turnipseed, CPA

Chief Acountant & Fiscal Officer

Dayid G. Bronner, Ph.D., J.D.

Chief Executive Officer

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

# The Retirement Systems of Alabama

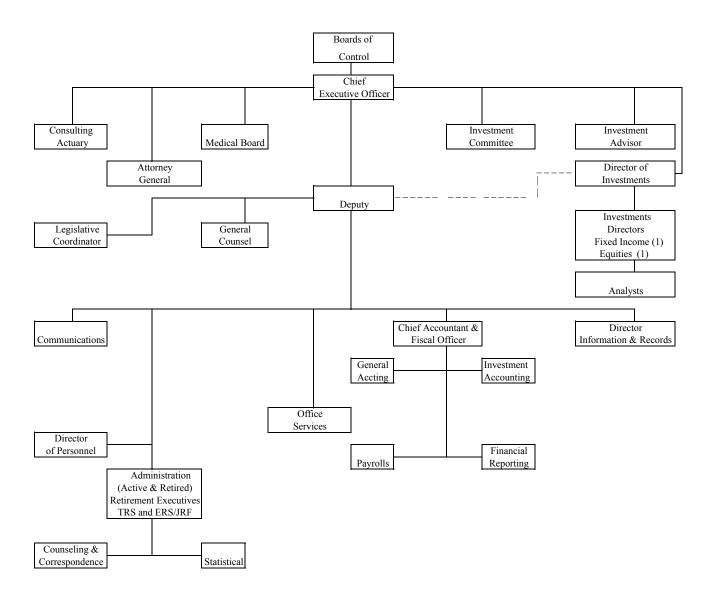
For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended
September 30, 2002

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

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President

**Executive Director** 



Introductory Section
Boards of Control

### **Teachers' Retirement System Board of Control**

### **Ex Officio Members**

Chairman, Dr. Paul R. Hubbert, Executive Secretary, AEA Drayton Nabers, Jr., State Finance Director Kay Ivey, State Treasurer Dr. Edward R. Richardson, State Superintendent of Education

### **Elected Members**

Vice-Chairman, Mrs. Sarah Swindle, Retired Position

Ms. Judy Rigdon, Teacher Position

Dr. Susan Williams Brown, Postsecondary Position

Mrs. Martha Black Handschumacher, Teacher Position

Dr. J. Terry Jenkins, Superintendent Position

Dr. John Landers, Principal Position

Dr. Wayne Teague, Retired Position

Mr. Russell J. Twilley, Support Personnel Position

Mrs. Peggy K. Lamb, Teacher Position

Mrs. Sharon P. Saxon, Support Personnel Position

### **Employees' Retirement System Board of Control\*\***

### **Ex Officio Members**

Chairman, Bob Riley, Governor Drayton Nabers, Jr., State Finance Director Kay Ivey, State Treasurer Thomas G. Flowers, State Personnel Director

### **Elected Members**

Mr. Clyde Sellers, Retired Local Employee

Mrs. Ann Gant, Active Local Employee

Mr. T. M. "Sonny" Jones, Active Local Employee

Ms. Mary Lou Foster, Retired State Employee

Ms. Alice Thornton, Active State Employee

Mr. Stephen C. Walkley, Active State Employee

### **Appointed Members**

Vice-Chairman, Mr. John H. Wilkerson, Jr.

Mr. Robert H. Pruit

Mr. Robert S. Miller

<sup>\*\*</sup> The Employees' Retirement System Board of Control is responsible for the administration of both the Employees' Retirement System and the Judicial Retirement Fund.

Introductory Section

Staff, Advisors, and Medical Board

### Staff, Advisors, and Medical Board

David G. Bronner, Ph.D., J.D., Chief Executive Officer Marcus H. Reynolds, Jr., J.D., Deputy Director

### **Administrative Staff**

Chief Accountant and Fiscal Officer, Norman D. Turnipseed, M.B.A., C.P.A.

Director of Information Technology Services, Peggi L. Douglass, M.B.A.

Teachers' Retirement Executive, Donald L. Yancey, M.P.A., J.D.

Employees' & Judicial Retirement Executive, R. Donald Nelson, M.S.

Legislative Counsel, Lindy J. Beale, J.D.

General Counsel, William F. Kelley, Jr., J.D.

General Counsel, William T. Stephens, J.D.

Director of Communications, Michael E. Pegues, M.A.

### **Investment Staff**

Acting Director of Investments, Darren J. Schulz, M.B.A., C.F.A.

Director of Alternative Investments, M. Hunter Harrell, M.B.A., J.D., C.F.A.

Director of Equities, R. Marc Green, M.B.A., C.F.A.

Assistant Director of Equities, Steven R. Lambdin, M.B.A., C.P.A., C.F.A.

Assistant Director of Equities, Eric J. Fox, M.B.A., C.F.A.

Director of Fixed Income, Julie S. Barranco, M.B.A., C.F.A.

Equity Analyst, John R. Givens, M.B.A., C.F.A.

Equity Analyst, G. Allan Carr Jr., M.B.A.

Fixed Income Analyst, C. Lance Lachney, M.B.A.

Fixed Income Analyst, Joseph G. Walker, M.B.A.

Cash Management & Operations, Nancy H. Sprayberry

Cash Management & Operations, Ann Roth, B.S.

### Advisors

Independent Certified Public Accountants, KPMG LLP AmSouth Bank, N.A., Mr. Brian Sullivan, Investment Consultant J P Morgan Chase and Company, Investment Custodian Mellon (formerly George B. Buck Consulting Actuaries), Mr. Edward A. Macdonald Attorney General, Mr. Bill Pryor

Chief Examiner, Mr. Ronald L. Jones

### **Medical Board**

Chairman, Neil Stronach, M.D.

A. S. Zdanis, M.D.

Glen Yates, M.D.



# FINANCIAL SECTION



KPMG LLP SouthTrust Tower Suite 1800 420 20th Street North Birmingham, AL 35203

### Independent Auditors' Report

Boards of Control Teachers' Retirement System of Alabama Employees' Retirement System of Alabama Judicial Retirement Fund:

We have audited the accompanying combining statement of plan net assets of the Retirement Systems of Alabama (consisting of the Teachers' Retirement System of Alabama, the Employees' Retirement System of Alabama, and the Judicial Retirement Fund), component units of the State of Alabama, as of September 30, 2003, and the related combining statements of changes in plan net assets for the year then ended. These financial statements are the responsibility of the management of the Retirement Systems of Alabama. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year partial comparative information has been derived from the Retirement Systems of Alabama's 2002 financial statements and, in our report dated January 31, 2003, we expressed an unqualified opinion on such financial statements.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the financial position of the Retirement Systems of Alabama (component units of the State of Alabama) as of September 30, 2003, and the results of their operations for the year then ended in conformity with accounting principles generally accepted in the United States of America.

The management's discussion and analysis on pages 14 through 17 and the schedules of funding progress and employer contributions (pages 33 to 36) are not required parts of the basic financial statements but are supplementary information required by accounting principles generally accepted in the United States of America. We have applied certain limited procedures, which consisted principally of inquiries of management regarding the methods of measurement and presentation of the required supplementary information. However, we did not audit the information and express no opinion on it.

Our audit was made for the purpose of forming an opinion on the basic financial statements taken as a whole. The supplementary information included on pages 37 through 39 is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and, in our opinion, is fairly stated in all material respects in relation to the basic financial statements taken as a whole.

KPMG LLP

March 2, 2004

### Management's Discussion and Analysis

The Retirement Systems of Alabama (RSA) is comprised of the Teachers' Retirement System (TRS), Employees' Retirement System (ERS), and Judicial Retirement Fund (JRF). The following discussion provides an overview of the financial position and results of operation for the RSA as of and for the period ended September 30, 2003, respectively. For more detailed information, please refer to the financial statements, including the Notes to the Financial Statements and the Required Supplementary Information.

### Financial Statements and Required Supplementary Information

The financial statements (statements) include the Combining Statement of Plan Net Assets and the Combining Statement of Changes in Plan Net Assets. The Notes to the Financial Statements are considered an integral part of the financial statements. The statements are prepared using the economic resources measurement focus and accrual basis of accounting. Revenues are recognized when earned and expenses are recognized when incurred, regardless of when cash is received or expended. Investments are reported at fair value.

Combining Statement of Plan Net Assets – Includes all accounting assets and liabilities of the RSA and provides a snapshot of the financial position of the RSA as of the end of the fiscal year. Assets less liabilities results in the net assets held in trust for pension benefits at fiscal year-end.

Combining Statement of Changes in Plan Net Assets – Reports all additions and deductions of the RSA for the fiscal year. Additions primarily consist of employer contributions, employee contributions, and investment income. Deductions are principally made up of retirement allowance payments. Additions minus deductions provide the change in plan net assets for the fiscal year. The change in plan net assets plus the beginning plan net assets results in the plan net assets at fiscal year-end.

The Notes to the Financial Statements include plan descriptions, a summary of significant accounting policies, a description of legally required reserves and corresponding reserve balances at year-end, credit risk disclosures for cash and investments, concentration of investments disclosures, and securities lending disclosures.

The Required Supplementary Information following the Notes to the Financial Statements includes a Schedule of Funding Progress and a Schedule of Employer Contributions. The Schedule of Funding Progress provides trend data on the level of funding for the TRS, ERS, and JRF plans. The Schedule of Employer Contributions provides trend data on the annual required employer contributions and the percentage actually contributed. The Notes to the Required Supplementary Information provide disclosures concerning actuarial assumptions.

### **Comparative Summary Statements**

# Summary Comparative Statement of Plan Net Assets As of September 30, 2003 and 2002

(Amounts in Thousands)

		2003		2002		Variance	% Increase/ (Decrease)
Assets							
Cash	\$	18,889	\$	21,419	\$	(2,530)	(11.81)
Receivables		287,995		318,827		(30,832)	(9.67)
Investments		22,807,598		20,444,910		2,362,688	11.56
Invested Securities Lending Collateral		2,505		1,182,769		(1,180,264)	(99.79)
Property and Equipment	_	4,880		5,156	_	(276)	(5.35)
Total Assets		23,121,867		21,973,081		1,148,786	5.23
Liabilities							
Accounts Payable and Other Liabilities		4,259		4,616		(357)	(7.73)
Securities Lending Collateral	_	2,505	_	1,182,769	_	(1,180,264)	(99.79)
Total Liabilities		6,764		1,187,385	_	(1,180,621)	(99.43)
Net Assets	\$	23,115,103	\$	20,785,696	\$	2,329,407	11.21

### Summary Comparative Statement of Changes in Plan Net Assets For the Fiscal Years Ended September 30, 2003 and 2002

(Amounts in Thousands)

	2003	2002	Variance	% Increase/ (Decrease)
Additions				
Employee Contributions	\$ 412,101	\$ 385,190	\$ 26,911	6.99
Employer Contributions	398,641	397,779	862	0.22
Investment Income	2,964,207	(1,924,450)	4,888,657	254.03
Transfers Between Systems	4,543	4,113	430	10.45
Total Additions	3,779,492	(1,137,368)	4,916,860	432.30
Deductions				
Retirement Allowance Payments	1,373,678	1,265,009	108,669	8.59
Return of Contributions, Unit				
Withdrawals, and Death Benefits	58,043	68,892	(10,849)	(15.75)
Transfers Between Systems	4,543	4,113	430	10.45
Administrative Expense	13,176	12,733	443	3.48
Depreciation	645	626	19	3.04
Total Deductions	1,450,085	1,351,373	98,712	7.30
Increase/(Decrease) in Plan Net Assets	2,329,407	(2,488,741)	4,818,148	193.60
Net Assets - Beginning of Year	20,785,696	23,274,437	(2,488,741)	(10.69)
Net Assets - End of Year	<u>\$ 23,115,103</u>	\$ 20,785,696	\$ 2,329,407	11.21

### Comparison of Individual Plan Net Assets As of September 30, 2003 and 2002

(Amounts in Thousands)

	 2003	 2002	Variance	% Increase/ (Decrease)
TRS	\$ 15,685,620	\$ 14,167,952	\$ 1,517,668	10.71
ERS	7,222,812	6,424,435	798,377	12.43
JRF	 206,671	 193,309	 13,362	6.91
Totals	\$ 23,115,103	\$ 20,785,696	\$ 2,329,407	11.21

Financial Section

Management's Discussion and Analysis (Continued)

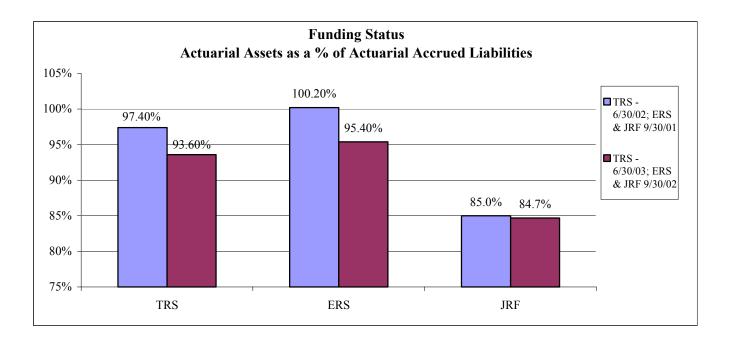
### **Financial Analysis**

- Receivables decreased by \$30.8 million, primarily due to fixed income securities that were sold or matured during
  the fiscal year being replaced with fixed income securities with lower coupon rates, which resulted in lower interest
  receivables.
- Investments increased by \$2.4 billion, investment income increased by \$4.9 billion (previous year investment
  income was a \$1.9 billion loss), and plan net assets increased by \$2.3 billion, mainly as a result of an upturn in the
  stock market.
- Retirement allowance payments increased by \$108.7 million due to a 3% cost of living adjustment and normal new retirements.
- Securities lending collateral decreased by \$1.2 billion as a result of the RSA preparing to transition to a new investment custodian.

### **Funding Status**

The primary objective of a retirement system is to accumulate sufficient assets to pay benefits to participants when due. The principal sources of assets to fund benefits include investment income and member and employer contributions. A five-year smoothing method is used in actuarially valuing assets to limit fluctuations in the contributions from year to year.

The ratio of actuarial assets to actuarial liabilities provides an excellent indication as to whether sufficient assets are being accumulated to pay benefits when due. The following bar graph provides comparisons of the funded ratio (actuarial assets to actuarial liabilities) as of the last two valuations for each System (June 30, 2003 and June 30, 2002, for TRS and September 30, 2002 and September 30, 2001, for ERS and JRF). The funded ratio has decreased slightly in the most recent valuation as a result of downturns in the equities market during the two previous fiscal years. Since a five-year smoothing method is employed to value assets, the funded ratio is likely to continue to decrease over the next few years as the recent losses are incorporated into the smoothing calculations. However, as reflected by the following graph, the TRS, ERS, and JRF continue to operate on an actuarially sound basis and accumulated funds are sufficient to continue to provide benefits as they become due.



Financial Section

Management's Discussion and Analysis (Continued)

### **Financial Highlights**

- Total assets exceeded total liabilities at September 30, 2003, by \$23.1 billion. Net assets are held in trust to meet future benefit payments.
- The funding level (actuarial value of assets as a percent of actuarial accrued liabilities) as of the latest actuarial valuations was 93.6% for the TRS, 95.4% for the ERS, and 84.7% for the JRF.
- The investment section contains a detailed schedule of investment returns and related benchmarks.

Financial Section

Combining Statement of Plan Net Assets

September 30, 2003 with comparative figures for 2002

(Amounts in Thousands)

	2003					
	Teachers' Retirement System	Employees' Retirement System	Judicial Retirement Fund	Totals		
Assets						
Cash - Restricted for Administrative Expenses (Note 4)	\$ 15,325	\$ 2,917	\$ 647	\$ 18,889		
Receivables						
Employee Contributions	19,362	8,989	111	28,462		
Employer Contributions	19,541	8,337	296	28,174		
Dividends and Interest	156,398	73,249	1,712	231,359		
Total Receivables	195,301	90,575	2,119	287,995		
Investments, at Fair Value (Note 5)						
Domestic Equity Securities	6,762,794	3,285,094	107,209	10,155,097		
Domestic Fixed Income Securities	5,509,848	2,514,000	84,089	8,107,937		
International Securities	1,429,102	635,563	-	2,064,665		
Real Estate	940,122	454,569	2,227	1,396,918		
Short-term Investments	833,052	239,446	10,483	1,082,981		
Total Investments	15,474,918	7,128,672	204,008	22,807,598		
Invested Securities Lending Collateral (Note 5)	2,505	-	-	2,505		
Property and Equipment less						
Accumulated Depreciation (Note 8)	2,763	2,117		4,880		
Total Assets	15,690,812	7,224,281	206,774	23,121,867		
Liabilities						
Accounts Payable and Other Liabilities	2,687	1,469	103	4,259		
Securities Lending Collateral (Note 5)	2,505			2,505		
Total Liabilities	5,192	1,469	103	6,764		
Net Assets Held in Trust for Pension Benefits (Note 3)	\$ 15,685,620	\$ 7,222,812	<b>\$</b> 206,671	\$ 23,115,103		

### A "Schedule of Funding Progress" is presented on page 34.

See accompanying Notes to the Financial Statements .

				200	2		
	Teachers' Retirement System		Employees' Retirement System		Judicial Retirement Fund		Totals
Assets							
Cash - Restricted for Administrative Expenses	\$ 15,3	393	\$ 5,3	79	\$ 647	\$	21,419
Receivables							
Employee Contributions	18,	775	8,4	98	109		27,382
Employer Contributions	22,4	480	7,2	59	286		30,025
Dividends and Interest	178,0	<u>606</u>	80,6	47	2,167	_	261,420
Total Receivables	219,8	861	96,4	04	2,562		318,827
Investments, at Fair Value							
Domestic Equity Securities	4,839,3	313	2,472,1	36	85,963		7,397,412
Domestic Fixed Income Securities	5,901,0	580	2,618,9	83	92,961		8,613,624
International Securities	1,108,8	812	504,0	38	-		1,612,850
Real Estate	900,0	686	432,0	15	2,363		1,335,064
Short-term Investments	1,182,0	036	295,0	11	8,913	_	1,485,960
Total Investments	13,932,	527	6,322,1	83	190,200	_	20,444,910
Invested Securities Lending Collateral	944,0	077	236,3	28	2,364		1,182,769
Property and Equipment less Accumulated Depreciation	2,9	917_	2,2	39			5,156
Total Assets	15,114,	775	6,662,5	33	195,773		21,973,081
Liabilities							
Accounts Payable and Other Liabilities	2,7	746	1,7	70	100		4,616
Securities Lending Collateral	944,0	077	236,3	28	2,364		1,182,769
Total Liabilities	946,	823	238,0	98	2,464	_	1,187,385
Net Assets Held in Trust for Pension Benefits	<b>\$ 14,167,</b> 9	952	\$ 6,424,4	<u>35</u>	\$ 193,309	\$	20,785,696

Financial Section

Combining Statement of Changes in Plan Net Assets
For the Fiscal Year Ended September 30, 2003 with comparative figures for 2002

(Amounts in Thousands)

	2003					
	Teachers' Retiremen System	Employees' t Retirement System	Judicial Retirement Fund	Totals		
Additions						
Contributions						
Employee	\$ 249,99					
Employer	235,78			398,641		
Transfers from Teachers' Retirement System	2.00	2,418	-	2,418		
Transfers from Employees' Retirement System Transfers from Judicial Retirement Fund	2,02	- 103	-	2,022 103		
Total Contributions	487,80		· -	815,285		
		310,302	10,777	613,263		
Investment Income (Note 5)						
From Investing Activities  Net Increase in Fair Value of Investments	1 412 00	7 ((0.520	12 005	2 004 221		
Interest and Dividends	1,412,88 592,64			2,094,331 872,312		
	2,005,53	_		2,966,643		
Total Investment Income from Investing Activities Less: Investment Expenses	2,003,33 4,43		-	6,840		
Net Investment Income from Investing Activities	2,001,10	_		2,959,803		
Net investment meone from investing retivities	2,001,10		20,040	2,737,003		
From Securities Lending Activities						
Securities Lending Income	14,21	5 3,461	61	17,737		
Less Securities Lending Expenses:	10.05	2 2 121	50	10 000		
Borrower Rebates	10,05		50	12,233		
Management Fees	83	_		1,100		
Total Securities Lending Expenses	10,88			13,333		
Net Income from Securities Lending Activities	3,33			4,404		
Total Investment Income	2,004,43	938,921	20,855	2,964,207		
Total Additions	2,492,23	1,255,423	31,834	3,779,492		
Deductions						
Retirement Allowance Payments	932,68			1,373,678		
Return of Contributions and Death Benefits	32,08			57,223		
Unit Withdrawals	2.41	- 820		820		
Transfers to Employees' Retirement System Transfers to Teachers' Retirement System	2,41	- 2,022	103	2,521 2,022		
Administrative Expenses	7,01			13,176		
Depreciation (Note 8)	36			645		
Total Deductions	974,56			1,450,085		
Net Increase	1,517,66			2,329,407		
	1,517,00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	15,502	_,, , , , , ,		
Net Assets Held in Trust for Pension Benefits: Beginning of Year	14,167,95	6,424,435	193,309	20,785,696		
End of Year	\$ 15,685,62	_		\$ 23,115,103		

See accompanying Notes to the Financial Statements.

		20	002	
	Teachers' Retirement System	Employees' Retirement System	Judicial Retirement Fund	Totals
Additions				
Contributions				
Employee	\$ 233,789	\$ 149,130	\$ 2,271	\$ 385,190
Employer Transform Toogh and Patingment System	265,670	123,887	8,222	397,779
Transfers from Teachers' Retirement System Transfers from Employees' Retirement System	1,937	2,091	85	2,091 2,022
Total Contributions	501,396	275,108	10,578	787,082
	301,370	273,100	10,578	787,082
Investment Income				
From Investing Activities  Net Decrease in Fair Value of Investments	(1,915,592)	(953,188)	(33,036)	(2,901,816)
Interest and Dividends	672,200	297,845	9,777	979,822
Total Investment Income/(Loss) from Investing Activities	(1,243,392)			(1,921,994)
Less: Investment Expenses	4,592	2,331	85	7,008
Net Investment Income/(Loss) from Investing Activities	(1,247,984)		(23,344)	(1,929,002)
` ,				
From Securities Lending Activities Securities Lending Income	16,473	5,741	88	22,302
Less Securities Lending Expenses:	10,173	3,711	00	22,302
Borrower Rebates	12,462	4,094	75	16,631
Management Fees	784	333	2	1,119
Total Securities Lending Expenses	13,246	4,427	77	17,750
Net Income from Securities Lending Activities	3,227	1,314	11	4,552
Total Investment Income/(Loss)	(1,244,757)	(656,360)	(23,333)	(1,924,450)
Total Additions	(743,361)	(381,252)	(12,755)	(1,137,368)
Deductions				
Retirement Allowance Payments	858,383	389,856	16,770	1,265,009
Return of Contributions and Death Benefits	35,510	24,965	29	60,504
Unit Withdrawals	2 001	8,388	-	8,388
Transfers to Employees' Retirement System Transfers to Teachers' Retirement System	2,091	1,937	-	2,091 1,937
Transfers to Judicial Retirement Fund	_	85	-	85
Administrative Expenses	6,845	5,582	306	12,733
Depreciation	391	235		626
Total Deductions	903,220	431,048	17,105	1,351,373
Net Decrease	(1,646,581)	(812,300)	(29,860)	(2,488,741)
Net Assets Held in Trust for Pension Benefits:				
Beginning of Year	15,814,533	7,236,735	223,169	23,274,437
End of Year	<u>\$ 14,167,952</u>	<u>\$ 6,424,435</u>	<u>\$ 193,309</u>	<u>\$ 20,785,696</u>

Financial Section
Notes to the Financial Statements
For the Fiscal Year Ended September 30, 2003

(Dollar Amounts in Thousands)

### 1) PLAN DESCRIPTION

The Teachers' Retirement System (TRS), Employees' Retirement System (ERS), and Judicial Retirement Fund (JRF) operate under common management and are collectively referred to as the Retirement Systems of Alabama (RSA or Systems). In addition to executive management, the TRS, ERS, and JRF share investment management, accounting, and information system services, the costs of which are allocated to the funds on an equitable basis.

The TRS, a cost-sharing multiple-employer public employee retirement plan, was established as of September 15, 1939, under the provisions of Act 419 of the Legislature of 1939 for the purpose of providing retirement allowances and other specified benefits for qualified persons employed by Statesupported educational institutions. The responsibility for the general administration and operation of the TRS is vested in its Board of Control.

The ERS, an agent multiple-employer public employee retirement plan, was established as of October 1, 1945, under the provisions of Act 515 of the Legislature of 1945. The purpose of the ERS is to provide retirement allowances and other specified benefits for State employees, State police, and on an elective basis, to all cities, counties, towns, and quasi-public organizations. The responsibility for the general administration and operation of the ERS is vested in its Board of Control.

The JRF, a cost-sharing multiple-employer public employee retirement plan, was established as of September 18, 1973, under the provisions of Act Number 1163 of the Legislature of 1973 for the purpose of providing retirement allowances and other specified benefits for any Justice of the Supreme Court of Alabama, Judge of the Court of Civil Appeals, Judge of the Court of Criminal Appeals, Judge of the Circuit Court, or office holder of any newly created judicial office receiving compensation from the State Treasury. Act Number 1205 of the Legislature of 1975 supplemented the provisions of Act Number 1163 and enlarged the scope and coverage of the JRF to include District and Probate The responsibility for the general administration and operation of the JRF is vested in the Board of Control of the ERS.

At September 30, 2003, the number of participating units in each system was as follows:

	<u>TRS</u>	<u>ERS</u>
Cities	-	260
Counties	-	64
Other Public Entities	-	461
Universities	13	-
Post-Secondary Institutions	28	-
City and County Bds of Education	128	-
State Agencies & Other	33	
Totals	202	785

At the date of the latest actuarial valuation as presented in the Notes to the Required Supplementary Information, membership consisted of:

	TRS	ERS	JRF
Retirees and beneficiaries currently			
receiving benefits:			
General	53,552	15,214	269
State Police	-	699	-
Employees of Local Employers	-	12,074	-
Deferred Retirement Option Plan (DROP)	2,711	428	-
Terminated employees entitled to benefits			
but not yet receiving benefits:			
General	16,250	2,844	108
State Police	-	10	-
Employees of Local Employers	-	6,044	-
Active employees:			
General	129,617	33,358	331
State Police	-	693	-
Employees of Local Employers	<u>-</u> _	47,494	<u>-</u> _
Totals	202,130	118,858	708

State law establishes retirement benefits as well as death and disability benefits and any ad hoc increase in postretirement benefits for the TRS, ERS, and JRF. Benefits for TRS and ERS members vest after 10 years of credited service. Teachers and state employees who retire after age 60 (52 for state police) with 10 years or more of credited service or with 25 years of service (regardless of age) are entitled to an annual retirement benefit, payable monthly for life. Local employees who retire after age 60 with 10 years or more of credited service or with 25 or 30 years of service (regardless of age). depending on the particular entity's election, are entitled to an annual retirement benefit, payable monthly for life. Service and disability retirement benefits are based on a guaranteed minimum or a formula method, with the member receiving payment under the method that yields the highest monthly benefit. Under the formula method, members of the TRS and ERS (except State Police) are allowed 2.0125% of their average final compensation (highest 3 of the last 10 years) for each year of service. State Police are allowed 2.875% for each year of state police service in computing the formula method.

The JRF benefits vest from five to eighteen years. Except for justices or judges who were either

disabled, elected prior to July 30, 1979, or have at least 25 years of credited service, no justice or judge is eligible to receive judicial service retirement pay prior to attaining sixty years of age. Service retirement benefits for justices and judges are dependent upon the particular office held in the judicial branch of government. A retirement benefit is payable upon the request of any member who has: (1) 25 years of credited service (regardless of age), (2) completed 12 years of credited service and has attained age 65, (3) completed 15 years of credited service and whose age plus service equals or exceeds 77, (4) completed at least 18 years of credited service or three full terms as a judge or justice and has attained age 65, (5) completed 10 years of credited service and has attained age 70 or (6) been elected prior to July 30, 1979 and has 18 years of service (regardless of age). A member eligible to retire who has not requested his or her retirement benefit to commence at the end of the term in which the member's seventieth birthday occurs is entitled only to the refund of his or her contributions (except for members with at least 25 years of credited service). The service retirement benefit for a member other than a probate judge is equal to 75% of the state-paid salary prescribed by law for the position from which the member retires. If a probate judge is paid on a

Financial Section
Notes to the Financial Statements
For the Fiscal Year Ended September 30, 2003

### (Dollar Amounts in Thousands)

fee basis, the service retirement benefit is equal to 90% of the benefit payable to a circuit judge on the date such judge retires. If a probate judge is paid on a salary basis, the benefit is equal to 75% of the salary upon which such judge contributes immediately prior to retirement.

Covered members of the TRS and ERS (except state police and certified law enforcement, correctional officers and firemen) are required by statute to contribute 5% of earnable compensation to the TRS and ERS. State police members of the ERS contribute 10% of earnable compensation. JRF members and certified law enforcement, correctional officers, and firemen members of the TRS and ERS are required to contribute 6% of earnable compensation.

# 2) SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

### A. Basis of Accounting

The TRS, ERS, and JRF financial statements are prepared using the accrual basis of accounting. Contributions are recognized as revenues when earned, pursuant to plan requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the plans. Expenses are recognized when the corresponding liability is incurred, regardless of when the payment is made. The accompanying financial statements are prepared accordance with requirements of Governmental Accounting Standards Board (GASB). Under these requirements, the TRS, ERS, and JRF are considered component units of the State of Alabama and are included in the State's Comprehensive Annual Financial Report.

### **B.** Investments

The Boards of Control of the Systems have the responsibility and authority to invest and reinvest available funds, through the Secretary-Treasurer and Investment Committee, in bonds, mortgage-backed securities, common and preferred stock, and other investment vehicles with the care, skill, prudence,

and diligence under the circumstances then prevailing that a prudent person acting in a like capacity and familiar with such matters would use. All plan assets are carried at fair value. Securities traded on national or international exchanges are valued at the last reported sales price at current exchange rates. Short-term investments are reported at cost, which approximates fair value. Mortgagebacked securities are reported based on future principal and interest payments discounted at the prevailing interest rate for similar instruments. The fair value of real estate investments is based on independent appraisals. Generally, private placements are valued based on the selling price of similar investments sold in the open market. In those instances where there are no similar investments sold in the open market, an appraisal is performed to determine the fair value of the private placements.

### C. Comparative Combining Statements

The basic financial statements include the prior year Combining Statement of Plan Net Assets and Combining Statement of Changes in Plan Net Assets (Statements) for comparative purposes only. Prioryear Note Disclosures are not included. Therefore, the prior year basic financial statement presentation does not meet the minimum level of detail required for a presentation in conformity with generally accepted accounting principles. Accordingly, the prior year Statements should be read in conjunction with the RSA's prior year financial report from which the prior year Statements were derived.

### 3) LEGALLY REQUIRED RESERVES

### A. Annuity Savings

Member contributions are credited to the Annuity Savings account. Interest at 4% per annum is credited to the annuity savings account of each member on the basis of the average of the beginning and end of year balances (as of June 30 for the TRS and September 30 for the ERS and JRF).

When a member withdraws from service prior to becoming vested, the member's accumulated contributions and a portion of accumulated interest credited to the Annuity Savings account are returned to the member. The portion of accumulated interest that, by law, is not payable to the member is transferred to the Expense fund.

When a TRS or ERS member dies prior to becoming eligible for retirement, the member's accumulated contributions and accumulated interest credited to the Annuity Savings account are returned to the member's designated beneficiary. If the preretirement death benefit defined below is not payable, an additional death benefit equal to the member's accumulated contributions, up to five thousand dollars, is paid from the Pension Accumulation account to the member's beneficiary.

When a member retires or when a survivor allowance becomes payable, the amount of the member's accumulated contributions and accumulated interest is transferred from the Annuity Savings account to the Pension Accumulation account.

### **B.** Pension Accumulation

The Pension Accumulation account is credited with contributions made by the employer and net investment income. The lump sum death benefit is paid from this account when a TRS or ERS member dies prior to becoming eligible for the preretirement death benefit or retirement. Periodic interest representing member's earnings is transferred from the Pension Accumulation account to the Annuity Savings account. When a TRS, ERS, or JRF member retires or when a survivor allowance becomes payable, the member's accumulated contributions and accumulated interest is credited to the pension accumulation account, and all monthly benefit payments are paid from this account.

### C. Preretirement Death Benefit

The Preretirement Death Benefit (PRDB) account (established October 1, 1983, under the provisions of Act 616 of the Legislature of 1983) is credited with contributions made by TRS and ERS employers and investment income on such funds. The preretirement death benefit (in the form of group term life insurance) is paid in addition to the return of member

contributions upon the death of an active TRS or ERS member who has completed at least one year of active membership in the system and whose date of death was within 180 days of such member's last date of actual service. However, a surviving spouse beneficiary of a deceased member who was eligible for service retirement may elect a survivor allowance in lieu of this benefit. The pre-retirement death benefit is equal to the annual earnable compensation of the member as reported to the System for the preceding year ending June 30 for the TRS and September 30 for the ERS. There is no PRDB available for JRF members.

### D. Term Life Insurance

The Alabama Teacher's Group Term Life Insurance Plan (established October 1, 1987) is credited with a portion of the employer contributions. All active contributing members of the TRS are covered by this plan. Contingent on availability of funds, upon death, a benefit is paid to the designated beneficiary of an insured member of the TRS. Beneficiaries of full-time employees receive fifteen thousand dollars while beneficiaries of part-time employees receive a pro-rated amount of fifteen thousand dollars.

### E. Expense

A portion of the employer contributions and the interest not payable upon member withdrawal is credited to the Expense fund. The majority of expenses are directly identifiable as expenses of the TRS, ERS, or JRF. As discussed in Note 1, certain administrative salaries and other expenses are shared on an equitable basis between the TRS and ERS.

### F. Deferred Retirement Option Plan (DROP)

The DROP was established for election to participate on or after June 1, 2002, under the provisions of Act 23 of the Legislature of 2002. Eligible members may elect to retire, and, in lieu of immediate withdrawal of service, continue employment for a period of three to five years. The retirement allowance, employee contributions, and interest earned are accumulated in an account for the benefit of the member. At the end of participation, the account balance is paid to the

Financial Section

Notes to the Financial Statements

For the Fiscal Year Ended September 30, 2003

### (Dollar Amounts in Thousands)

member. DROP participation is an option available to eligible members that have at least twenty-five years of service (exclusive of sick leave), are at least fifty-five years of age, and are eligible for service retirement. See the actuarial section for additional information.

### G. Reserves

The reserves of the RSA are funded to the full extent required by statute. The reserve balances as of September 30, 2003, are as follows:

	TRS	 ERS	JRF
Annuity Savings	\$ 2,720,928	\$ 1,484,794	\$ 25,012
Pension Accumulation	12,824,494	5,691,735	181,136
Preretirement Death Benefit	9,636	15,257	-
Term Life Insurance	10,870	-	-
Deferred Retirement Option Plan	102,902	26,978	-
Expense	14,027	1,931	523

### 4) CASH

Cash consists of deposits held by the State Treasurer in the respective retirement system's name and is fully insured or collaterallized with collateral held by the State Treasurer or the State Treasurer's agent in the name of the State Treasurer. Virtually all cash on hand at September 30 was restricted for administrative purposes.

### 5) INVESTMENTS

### A. Investment Credit Risk

The investments of the TRS, ERS, and JRF are summarized in the following tables by type of investment and are categorized based on the level of custodial credit risk. Investments that are insured, registered in the name of the respective retirement system, held by the system, the systems' safekeeping agent in the systems' name, or the State Treasurer in the systems' name are listed in the RSA column. Those investments that are uninsured, unregistered, and held by the broker, dealer, or the respective retirement systems' safekeeping agent, but not in the respective retirement systems' name, are shown in the Agent column. Fair value and cost are shown for each type of investment.

### INVESTMENT CREDIT RISK TRS

		At Fair Value							
	RSA		Agent			Total		Cost	
<b>Investments Categorized</b>				_					
From Investing Activities									
Commercial Paper	\$	-	\$	393,041	\$	393,041	\$	393,041	
U.S. Government Guaranteed Bonds		41,203		-		41,203		40,328	
U.S. Agency Securities		635,478		-		635,478		624,732	
Mortgage-backed Securities		168,075		-		168,075		154,019	
Domestic Corporate Bonds		2,055,777		-		2,055,777		2,033,897	
Domestic Common and Preferred Stocks		6,762,794		-		6,762,794		6,125,196	
International Securities				1,428,851		1,428,851		1,622,189	
Totals From Investing Activities		9,663,327		1,821,892	_	11,485,219		10,993,402	
From Securities Lending Activities									
Repurchase Agreements		<u>-</u>		2,505	_	2,505		2,505	
Total Investments Categorized	\$	9,663,327	\$	1,824,397		11,487,724		10,995,907	
Investments Not Categorized									
From Investing Activities									
Securities Lent Under Securities Lending for	Cash Col	llateral							
Domestic Corporate Bonds						2,190		2,190	
International Securities						251		251	
Mutual and Money Market Funds						440,011		440,011	
Private Placements						2,607,125		3,010,804	
Real Estate						940,122		509,035	
Totals From Investing Activities						3,989,699		3,962,291	
<b>Total Investments</b>						15,477,423		14,958,198	
Less Securities Purchased with Securities	Lending	Cash Collatera	ıl			(2,505)		(2,505)	
Total Investments per Statement of Plan	Net Ass	sets			\$	15,474,918	\$	14,955,693	

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Notes to the Financial Statements

For the Fiscal Year Ended September 30, 2003

(Dollar Amounts in Thousands)

# INVESTMENT CREDIT RISK ERS

	At Fair Value						
	RSA	RSA Agent		Total		Cost	
<b>Investments Categorized</b>							
Commercial Paper	\$ -	\$	97,611	\$	97,611	\$	97,611
U.S. Government Guaranteed Bonds	20,352		-		20,352		19,920
U.S. Agency Securities	282,730		-		282,730		276,198
Mortgage-backed Securities	66,067		-		66,067		60,623
Domestic Corporate Bonds	906,236		-		906,236		898,320
Domestic Common and Preferred Stocks	3,285,094		-		3,285,094		3,030,091
International Securities	<u>-</u>		635,563		635,563		710,310
Totals Investments Categorized	\$ 4,560,479	\$	733,174		5,293,653		5,093,073
Investments Not Categorized							
Money Market and Mutual Funds					141,835		141,835
Private Placements					1,238,615		1,439,821
Real Estate				_	454,569	_	253,111
Total Investments Not Categorized					1,835,019		1,834,767
<b>Total Investments per Statement of Plan Net Assets</b>					7,128,672	\$	6,927,840

### INVESTMENT CREDIT RISK JRF

	At Fair Value							
	RSA		Agent		Total		Cost	
Investments Categorized								
Commercial Paper	\$	-	\$	2,078	\$	2,078	\$	2,078
U.S. Agency Securities		18,610				18,610		18,277
Mortgage-backed Securities		1,037				1,037		966
Domestic Corporate Bonds		46,540				46,540		54,794
Domestic Common and Preferred Stocks		107,209				107,209		73,657
Total Investments Categorized	\$	173,396	\$	2,078		175,474	_	149,772
<b>Investments Not Categorized</b>								
Money Market and Mutual Funds						8,405		8,405
Private Placements						17,902		19,747
Real Estate						2,227	_	892
Total Investments Not Categorized						28,534		29,044
Total Investments per Statement of Net	Assets				\$	204,008	\$	178,816

### **B.** Concentration of Investments

As of September 30, 2003, the TRS and ERS owned debt and equity securities of Raycom Media Corporation, which represented approximately 8.2% and 11.6%, respectively, of the net assets held in trust for pension benefits. Also, the TRS and ERS owned debt and equity securities of Community News Corporation, which represented approximately 7.5% and 6.3%, respectively, of the net assets held in trust for pension benefits. As of September 30, 2003, JRF owned debt securities in Texas Utilities Electric, which represented 5.1% of the net assets held in trust for pension benefits.

### C. Securities Lending Program

The TRS, ERS, and JRF are authorized by the Boards of Control to participate in a securities lending program. The Systems' custodian, J P Morgan Chase and Company, administers the program. Certain securities from the TRS, ERS, and JRF are loaned to borrowers approved by the Systems. Approved

borrowers of securities provide acceptable collateral in the form of cash, U.S. Treasury securities, or U.S. Government Agency securities. All security loans are open loans and can be terminated on demand by the TRS, ERS, JRF, or borrower. At the inception of each loan, collateral must be provided in the amount of 105% and 102% of the fair value of the loaned securities for international and U. S. equity securities, respectively. Subsequently, collateral for each loan is allowed to fluctuate between the initial required percentage and 100% of the fair value of the loaned securities. If the fair value of the collateral falls below 100% of the fair value of the loaned securities, additional collateral is required to restore the collateralized amount to the initial required collateralization. All collateral remains in the exclusive possession of the Systems' custodial agent who is responsible for marking the collateral to fair value each day and ensuring that the loaned securities are properly collateralized at all times.

The TRS, ERS, and JRF cannot pledge or sell collateral securities received unless the borrower defaults. Therefore, securities lent that are collaterallized by other securities are categorized in the investment credit risk table based on how the

Financial Section
Notes to the Financial Statements
For the Fiscal Year Ended September 30, 2003

### (Dollar Amounts in Thousands)

collateral received is held. The securities received as collateral are not categorized since these securities cannot be sold or pledged without borrower default.

Cash collateral is invested in a dedicated short-term investment fund in the respective systems' name using investment guidelines provided by the TRS, ERS, and JRF.

As a result, the securities purchased with cash collateral are categorized in the investment credit risk tables based on how they are held. The securities lent are included in the investment credit risk tables in the "Investments Not Categorized" section of the table. As of September 30, 2003, the cash collateral investments had a weighted-average maturity of 1 day for the TRS. Also, the average term of the loans was 1 day for the TRS. As of September 30, 2003, the ERS and JRF did not have any outstanding balances related to securities lending. There is no direct matching of the maturities of the loans with the investments made with cash collateral.

At September 30, 2003, the fair value of the securities on loan was \$2,441 for the TRS. The fair value of the collateral pledged by the borrowers was \$2,505 for the TRS. Since the amounts owed by the TRS exceeded the amounts the borrowers owed to the TRS, there was no credit risk exposure as of September 30, 2003. There were no significant violations of legal or contractual provisions, no borrower or lending agent default losses, and no recoveries of prior period losses during the year.

### D. Mortgage-backed Securities

The Systems periodically invest in mortgage-backed securities to improve yield and adjust the duration of the Systems' fixed income portfolio. These securities are subject to change in fair value due to changes in interest rates. Credit risk (the risk that the counterparty might be unable to meet its obligations) results from the same considerations as other counterparty risk assumed by the Systems.

### 6) FUNDING STATUS AND PROGRESS

State law provides that the Boards of Control engage an actuary to prepare an annual valuation of the assets and liabilities of the various reserve funds. Under the provisions of GASB Statement No. 25, Financial Reporting for Defined Benefit Plans and Note Disclosures for Defined Contribution Plans, the actuary determines the "unfunded actuarial liability." The "unfunded actuarial liability" is the difference between the actuarial value of assets and the actuarial accrued liability.

Significant actuarial assumptions used and results from the most recent actuarial valuations are presented in the "Notes to the Required Supplementary Information."

### 7) CONTRIBUTIONS REQUIRED AND MADE

The actuary has computed, as of the date of the latest available actuarial valuation (June 30, 2003, for the TRS and September 30, 2002, for the ERS and JRF), the estimated present value of benefits payable to retired members, beneficiaries, and active members. The actuarial valuations for the TRS and ERS are prepared using the entry age method, while the JRF valuation utilized the projected unit credit method. The present value of all expected benefits payable from each system to the present group of members and beneficiaries is calculated by adding the present value of the expected benefits payable to the active members to the present value of the expected future payments to retired members and beneficiaries.

As required by statute, the TRS, ERS, and JRF provide for employer contributions at actuarially determined rates (expressed as percentages of annual covered payroll) that accumulate sufficient assets to pay benefits when due. The employer contributions required to support the benefits of each system are determined following a level funding approach and consist of a normal contribution, an accrued liability contribution, and a portion to finance administrative costs.

For the TRS and ERS, the normal contribution is determined using the "entry age normal" method.

Under this method, a calculation is made to determine the uniform and constant percentage rate of employer contributions which, if applied to the compensation of the average new member during the entire period of the member's anticipated covered service, would be required in addition to the contributions of the member to meet the cost of all benefits payable on the member's behalf.

For the JRF, the normal contribution is determined using the "projected accrued benefit" (unit-credit) method. Under this method, the benefits of each individual included in an actuarial valuation are allocated by a consistent formula to valuation years. The actuarial gains (losses), as they occur, generally reduce (increase) the unfunded actuarial accrued liability.

The 2003 retirement contributions were made in accordance with actuarially determined contribution requirements.

#### 8) PROPERTY AND EQUIPMENT

Plan assets used in plan operations are reported at historical cost less accumulated depreciation. Depreciation is determined on the straight-line basis using estimated useful lives of 30 years for buildings and 3 to 10 years for furniture and equipment.

Property and equipment was comprised of the following amounts as of September 30, 2003:

	TRS	ERS
Land	\$ 691	\$ 499
Building and Improvements	4,678	3,405
Furniture and Equipment	2,085	1,249
<b>Total Property and Equipment</b>	7,454	5,153
Less Accum Depreciation	(4,691)	(3,036)
<b>Net Property and Equipment</b>	\$ 2,763	\$ 2,117

#### 9) OTHER POSTEMPLOYMENT BENEFITS

In addition to the pension benefits described in Note 1, the TRS, ERS, and JRF (as agencies of the State of Alabama) participate in the State Employees' Health Insurance Plan (SEHIP).

The SEHIP provides postretirement health care benefits, in accordance with State statute, to all TRS, ERS, and JRF employees who retire with a retirement benefit payable from the TRS, ERS, or JRF. The SEHIP provides a fixed amount equal to the Medicare eligible premium (presently one hundred ten dollars per month) for each retiree. Those retirees who are not Medicare eligible must pay the difference to maintain the insurance. Under the SEHIP statute, the fixed amount per month per retiree is funded on a pay-as-you-go basis through the premiums each agency pays for its active employees. During the fiscal year 2003, the estimated portion of health insurance premiums paid and included in administrative expense by the TRS, ERS, and JRF on behalf of retirees was \$78, \$66, and \$1, respectively.

#### 10) PENSION PLAN FOR RSA EMPLOYEES

A portion of the RSA employees participates in the TRS pension plan, which is a cost sharing plan, and a portion of the RSA employees participates in the ERS pension plan, which is an agent multiple-employer pension plan. As a component unit, RSA employees participating in the ERS pension plan are valued with all other State of Alabama employees, and therefore, report under the requirements of a cost sharing unit.

Contributions were made to each plan in accordance with actuarially determined contribution requirements.

Financial Section

Notes to the Financial Statements

For the Fiscal Year Ended September 30, 2003

### (Dollar Amounts in Thousands)

A schedule of Employer Contributions is shown below:

		Annual	
	Fiscal Year Ended	Required Contributions	Percentage Contributed
TRS	2003	\$ 313	100
	2002	345	100
	2001	326	100
ERS	2003	178	100
	2002	160	100
	2001	140	100

#### 11) TREND INFORMATION

The schedules of funding progress and employer contributions, as required by GASB Statement No. 25, are presented in the Required Supplementary Information section.

#### 12) RELATED PARTY TRANSACTIONS

The TRS and ERS jointly own office buildings in Montgomery and lease office space to agencies of the State of Alabama. These agencies are obligated to the TRS and ERS to lease space for varying terms through the year 2012. Rental payments (reported as investment income) from leases with state agencies totaled \$14,809 during the 2003 fiscal year.

Financial Section
Required Supplementary Information
For the Fiscal Year Ended September 30, 2003

(Dollar Amounts in Thousands)

#### 1) CONTRIBUTIONS

Contributions were made in accordance with actuarially determined contribution requirements. The employer cost rate expressed as a percent of payroll is determined annually by reviewing a variety of factors including benefits promised, member contributions, investment earnings, mortality, and withdrawal experience.

The employer cost rates for the fiscal year 2003-2004 are 6.56% for the TRS, 4.19% for the ERS - State Employees, 13.87% for the ERS - State Police and 21.93% for the JRF. Local agency rates differ for each agency.

#### 2) ANALYSIS OF FUNDING PROGRESS

Analysis of the dollar amounts of the actuarial value of assets, the actuarial accrued liability, and the unfunded actuarial accrued liability in isolation may be misleading.

Expressing the actuarial value of assets as a percentage of the actuarial accrued liability provides one indication of the respective retirement system's funding status on a going-concern basis. Analysis of this percentage over time indicates whether the respective system is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the respective retirement system. Trends in the unfunded actuarial accrued liability and the annual covered payroll are both affected by inflation.

Expressing the unfunded actuarial accrued liability as a percentage of annual covered payroll approximately adjusts for the effects of inflation and aids analysis of the respective retirement system's progress made in accumulating sufficient assets to pay benefits when due. Generally, the smaller this percentage, the stronger the respective retirement system.

The following schedules provide information concerning funding progress, employer contributions, and actuarial assumptions.

Financial Section
Required Supplementary Information
For the Fiscal Year Ended September 30, 2003

(Dollar Amounts in Thousands)

#### SCHEDULE OF FUNDING PROGRESS

		Actuarial	Unfunded/			UAAL
Actuarial	Actuarial	Accrued	(Overfunded)		Annual	as a %
Valuation	Value of	Liability	AAL	Percentage	Covered	of Covered
Date	Assets	(AAL)	(UAAL)	Funded	Payroll	Payroll
	(A)	(B)	(B-A)	(A/B)	(C)	((B-A)/C)
TRS						
06/30/2003	\$18,110,470	\$ 19,357,735	\$ 1,247,265	93.6	\$4,632,611	26.9
06/30/2002	17,904,881	18,374,174	469,293	97.4	4,379,183	10.7
06/30/2001	17,475,298	17,238,616	(236,682)	101.4	4,305,080	(5.5)
06/30/2000	16,703,929	16,291,462	(412,467)	102.5	4,131,904	(10.0)
06/30/1999	15,642,066	15,568,192	(73,874)	100.5	3,964,112	(1.9)
06/30/1998	14,533,824	14,601,426	67,602	99.5	3,937,739	1.7
ERS						
09/30/2002	8,100,846	8,493,469	392,623	95.4	2,547,775	15.4
09/30/2001	8,028,471	8,010,123	(18,348)	100.2	2,408,543	(0.8)
09/30/2000	7,769,122	7,403,968	(365,154)	104.9	2,278,637	(16.0)
09/30/1999	7,302,046	6,884,355	(417,691)	106.1	2,159,608	(19.3)
09/30/1998	6,888,446	6,564,079	(324,367)	104.9	2,061,104	(15.7)
09/30/1997	6,463,795	5,818,097	(645,698)	111.1	1,970,922	(32.8)
JRF						
09/30/2002	245,425	289,858	44,433	84.7	39,763	111.7
09/30/2001	245,705	289,044	43,339	85.0	38,694	112.0
09/30/2000	239,023	268,598	29,575	89.0	40,325	73.3
09/30/1999	221,926	263,491	41,565	84.2	40,499	102.6
09/30/1998	210,116	246,177	36,061	85.4	39,060	92.3
09/30/1997	198,014	190,572	(7,442)	103.9	30,742	(24.2)

See  $\it Notes$  to the  $\it Required$   $\it Supplementary$   $\it Information$  .

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Fiscal Year	Annual Required	Percentage
Ended	<u>Contribution</u>	Contributed
TRS		
09/30/2003	\$ 235,786	100
09/30/2002	265,670	100
09/30/2001	279,880	100
09/30/2000	277,180	100
09/30/1999	166,100	100
09/30/1998	358,088	100
ERS		
09/30/2003	154,218	100
09/30/2002	123,887	100
09/30/2001	122,483	100
09/30/2000	113,991	100
09/30/1999	97,373	100
09/30/1998	157,246	100
JRF		
09/30/2003	8,637	100
09/30/2002	8,222	100
09/30/2001	7,598	100
09/30/2000	5,696	100
09/30/1999	2,870	100
09/30/1998	5,417	100

See Notes to the Required Supplementary Information .

Financial Section

Notes to the Required Supplementary Information
For the Fiscal Year Ended September 30, 2003

#### **ACTUARIAL ASSUMPTIONS**

	TRS	ERS	JRF
Valuation date	June 30, 2003	September 30, 2002	September 30, 2002
Actuarial cost method	Entry age	Entry age	Projected unit credit
Asset valuation method	5-year market related value	5-year smoothed market	5-year smoothed market
Amortization method	Level percent open	Level percent open	Level percent open
Remaining amortization period including cost of living †	10 years	Within 40 years - varies by employer	20 years
Actuarial assumptions:			
Investment rate of return ‡	8%	8%	8%
Future salary increases ‡	5.00%-7.75%	4.61%-7.75%	5%
Cost of living increases	None	None	None

<sup>†</sup> The State of Alabama has restrictions on the length of the amortization period. The remaining amortization period for the ERS, excluding COLAS, is between 10 and 20 years (varies by employers).

<sup>‡</sup> Includes inflation at 4.5%.

Financial Section
Schedule of Administrative Expenses
For the Fiscal Year Ended September 30, 2003

(Amounts in Thousands)

	Ret	achers' irement ystem	Employees' Retirement System		Retirement		Reti	dicial rement Yund	 Totals
Personal Services:									
Salaries	\$	3,650	\$	2,996	\$	268	\$ 6,914		
Employee Fringe Benefits		748		716		36	1,500		
Total Personal Services		4,398		3,712		304	 8,414		
Professional Services:									
Actuarial		103		271		6	380		
Accounting		30		29		11	70		
Information Technology		209		202		-	411		
Education & Training		15		7		-	22		
Mailing Services		131		96		-	227		
Legal Services		-		38		-	38		
Personnel Services		34		-		-	34		
Other Professional Services and Fees		22		13			 35		
Total Professional Services		544		656		17	 1,217		
Communication:									
Telephone		63		34		-	97		
Telecommunication Lines		39		29	-		68		
Postage		810		627		-	1,437		
Travel		73		78	1		 152		
Total Communication		985		768		1	 1,754		
Rentals:									
Office Space		262		262		-	524		
Equipment Leasing		29	27			_	56		
Total Rentals		291		289			580		
Miscellaneous:									
Supplies		686	382			-	1,068		
Maintenance		107	36			-	143		
Total Miscellaneous		793		418			1,211		
<b>Total Administrative Expenses</b>	\$	7,011	\$	5,843	\$	322	\$ 13,176		

Financial Section
Schedule of Investment Expenses
For the Fiscal Year Ended September 30, 2003

(Amounts in Thousands)

	Ret	eachers' tirement System	Ret	ployees' irement System	Re	udicial tirement Fund	Tot	tals_
Investment Activity								
Investment Management Fees:								
Salaries and Benefits	\$	3,420	\$	1,834	\$	-	\$ 5	,254
Dues and Subscriptions		337		220		-		557
Travel		32		3		-		35
Professional Services:								
Investment Advisor		60		30		-		90
Investment Custodian		522		252		28		802
Real Estate Appraisal		61		41				102
<b>Total Investment Activity Expenses</b>		4,432		2,380		28	6	,840
Securities Lending Activity								
Securities Lending Borrower Rebates		10,052		2,131		50	12	,233
Securities Lending Management Fees		832		266		2	1	,100
Total Securities Lending Activity Expenses	_	10,884		2,397		52	13	,333
<b>Total Investment Expense</b>	\$	15,316	\$	4,777	\$	80	\$ 20	,173

Financial Section
Schedule of Professional/Consultant Fees
For the Fiscal Year Ended September 30, 2003

(Amounts in Thousands)

Professional/Consultant	Nature of Service	Retire	chers' ement tem	Reti	oloyees' rement ystem	Reti	dicial rement und	T	otals
Mellon	Actuary	\$	62	\$	230	\$	6	\$	298
Milliman USA, Inc	Actuary		41		41		-		82
KPMG	Auditor		25		25		11		61
Crum Defense Escrow Account	Legal		-		38		-		38
Applied Information Sciences	Information Technology		182		200		-		382
Auburn University Montgomery	Information Technology		20		-		-		20
Action in Mailing	Mail		100		89		-		189
Finance Mail & Supply	Mail		42		14		-		56
State Personnel Department	Personnel		34		-		-		34
Various	Other		38		19			_	57
<b>Total Professional/Consultant Fees-A</b>	dmin Services		544		656		17		1,217
AmSouth Bank	Investment Advisor		60		30		_		90
J P Morgan Chase Bank	Investment Custodial		522		252		28		802
Houlihan, Lokey, Zukin Fin. Advisors	Real Estate Appraisor		61		41				102
<b>Total Professional/Consultant Fees-In</b>	vestment Services		643		323		28		994
Total Professional/Consultant Fees		\$	1,187	\$	979	\$	45	<b>\$</b> :	2,211





Investment Section
Report on Investment Activity
For the Fiscal Year Ended September 30, 2003

Dear Members,

I am pleased to present the following report on investment activity for the fiscal year ended September 30, 2003. The report provides highlights on investments in general as well as specific information on the Retirement System's investment activity for the fiscal year. Investment data presented in the investment section of this report were prepared using AIMR performance presentation standards.

After three long years in the grasp of the bear, the financial markets managed to claw their way back to positive returns virtually across the board in 2003. The economy, which had muddled along the past three years with the help of the omnipresent consumer, finally broke free with the return of corporate capital expenditures and increased government spending.

The big question now is what kind of sustainability can we expect in this economic rebound. With the equity markets having posted sizeable gains the past twelve months, and bond rates at extremely low levels, a lot has to go right this year to expect another year of outsized gains in the financial markets. This is an election year, so one should expect that government spending and tax incentives will lend a helping hand. Inflation continues to remain in check, so rising short-term rates are not a problem in the near term.

However, there are several existing hurdles that can derail the continued expansion of the economy. Obviously, the continued threat of a significant terrorist attack could cause a retraction by the consumer. Oil prices have unabatedly stayed high, acting as a tax on both consumers and corporations. Healthcare inflation and pension issues continue to strain the pocketbooks of corporate America. Lastly, the twin trade and budget deficits that have expanded rapidly the past couple of years need to be addressed, which will stress the economy and financial markets.

With that in mind, we feel a more normalized range of returns can be expected in the coming years. Presently, we foresee no sizeable changes to the current asset allocation. One area of interest that we are considering is expanding the size of the international equity portfolio as opportunities arise. We will continue to demand the best execution from all our financial counterparts, and will strive to produce results that strengthen the Retirement Systems of Alabama (RSA).

#### **RSA Performance Summary**

Fiscal year 2003 was a much better year for the RSA than the previous three fiscal years. A confluence of factors contributed to the breakout in the economy and rebound in corporate profits, and those are addressed in the following fixed income and equity activity sections.

As of September 30, 2003, aggregate defined benefit assets under management totaled \$22.8 billion. During fiscal year 2003, annualized total returns of the Teachers' Retirement System (TRS), Employees' Retirement System (ERS), and Judicial Retirement Fund (JRF) were 15.98%, 16.48% and 11.70%, respectively. Positive contributors to fund performance were found in most every asset class, with airline debt being the biggest drag as the major airlines continued to struggle under weak pricing and lighter load numbers. Equity outperformance was seen in both of the active funds as well as the international fund. The fixed income portion benefited from the narrowing of spreads in the corporate heavy portfolio.

#### Fixed Income

Fiscal year 2003 began with very little optimism regarding financial markets. Toward the end of fiscal year 2002, equities had encountered another sizable pullback, while interest rates continued to tumble. The theme throughout 2002 seemed to have been investors' inherent risk aversion. While large, stable names continued to outperform within the corporate bond market, higher yielding credits with liquidity concerns were quickly shut out of the capital markets. During this time, economic numbers were weak, consumer confidence was eroding, and the employment picture did not look good. However, near the end of September, Greenspan and the Federal Reserve left short-term interest rates steady at 1.75%.

A few weeks into the new fiscal year, third-quarter GDP was released showing growth at a rate of 3.1%. While there were few surprises in companies' third quarter of 2002 numbers, information regarding future prospects was well received. In response, stocks rallied considerably off their lows and rates started drifting higher. In what we believed to be a measure taken to ensure a stable recovery, the Fed stepped in and delivered a 50 basis point cut in early November. Unfortunately, unemployment continued to rise, and window-dressing from portfolio managers sent equity markets and treasury yields lower throughout the end of the year. However, if one were to read between the lines, high yield credits posted a 6.5% return in the fourth quarter, a sign that investors were slightly more comfortable in taking on risk. This was a pretty sharp reversal from the previous two quarters when this asset class lost 10%.

During the first weeks of the new calendar year, the January effect helped stocks recoup nearly all of December's losses. However, these gains were once again taken away as investors began to focus on the administration's next battle in the "war against terrorism". So as the showdown with Iraq became inevitable, market participants sought refuge in government securities, sending yields lower. At the time, government securities had outperformed all other asset classes for three years in a row, as real yields fell 250 basis points. The question in our minds was "when will investors shun risk-free securities in favor of risky assets for an extended amount of time?" Even though the success of the Iraqi invasion can be debated for years to come, once the long-standing Hussein regime was ousted, stocks and high yield bonds have taken off and not looked back.

As late spring and early summer rolled in, rates continued to be depressed with the Fed's main concern being deflation. In its June meeting, the Federal Reserve lowered the fed funds rate by a quarter-point, its 13<sup>th</sup> move in a little more than two years. However, in the following months, we saw tremendous selling within the fixed income market, with corporates and treasuries posting their worst returns in two decades. The two main culprits for this fixed income sell-off were better expectations for an economic recovery and volatility within the mortgage market. Over the last couple of years, the bond market has been supported by fund inflows to the detriment of stocks. So as expectations and the economy began to recover, money managers were simply selling fixed instruments to go long in the equity market. As such, managers of mortgage securities were essentially forced to sell treasuries in order to hedge themselves against duration risk, putting additional upward pressure on rates.

At the end of our fiscal year, with jobless claims reports considerably weaker than expected, the Fed announced no change was needed in monetary policy. However, they did cite that "the risk of inflation becoming undesirably low" is still a lingering concern. This news sent government yields across the maturity curve lower by 60 basis points. Currently the yield curve is steep from a historical perspective, with the spread between the 2yr and 30yr hovering around 350 basis points. Going forward, we think the curve has plenty of room to flatten, although expectations for a rate hike have been pushed back to the late first half of 2004 at the earliest. We also believe that the heavy issuance, especially from high yield names, that we have witnessed throughout 2003 will decline substantially as rates drift higher over the next year. Finally, we feel that any moves made by the Federal Reserve will not be aggressive, but rather a slow and steady process given the outlook for both employment and inflation.

In fiscal year 2003, the RSA purchased approximately \$1.35 billion in additional securities for the fixed income portfolio. As of September 30, 2003, the RSA's fixed income portfolio had a book value of \$8.13 billion, of which 13.3% is in money market securities. For the fiscal year, the total annual returns for the TRS, ERS, and JRF fixed income portfolios were 10.01%, 10.47%, and .60%, respectively, versus 5.49% for the Salomon Brothers Broad Investment Grade Index (SBBIG) and 5.41% for the Lehman Brothers Aggregate Index. The five-year annualized returns for the TRS, ERS, and JRF fixed income portfolios were 5.76%, 5.65%, and 3.59%, respectively, versus 6.63% for the SBBIG Index. The ten-year annualized returns for the TRS, ERS, and JRF fixed income portfolios were 6.92%, 6.84%, and 5.94%, respectively, versus 6.92% for the SBBIG Index.

Investment Section
Report on Investment Activity
For the Fiscal Year Ended September 30, 2003 (Continued)

#### **Equity**

The economy continued to pick up momentum throughout the course of 2003, and that resulted in strong corporate earnings growth. The lean years of 2001 and 2002, which caused slimming down of corporate fat, resulted in huge leverage to the bottom line. Throughout most of 2003, earnings revisions were in an upward trend, resulting in strong equity returns.

After climbing a wall of worry the first two quarters of fiscal year 2003, fundamentals finally outweighed the memory of the past two years. The accounting scandals that had plagued the market took a back seat in the minds of investors. The tax cuts started to put cash back in consumer's pockets. Mortgage rates stayed at extremely low levels, allowing for the continuation of the refinancing boom. Terrorist activity subsided, and the war in Iraq, for the most part, went favorably for the United States. Inflation stayed at low levels, even in the face of higher energy prices. Companies began jumping on the dividend bandwagon, with 33% of S&P 500 companies raising their dividend by an average of 24% this year. A weakening dollar allowed for some leverage in earnings of U.S. multinational companies. Productivity gains from both better technology and continued headcount reductions allowed for significant margin expansion. Basically, several factors converged which overwhelmed the bear that had a grip on the U.S. stock market.

In review, the RSA equity allocation began the year at 40.5%, and there were two separate series of additions to equities. In January and February, roughly 2.5% was added to equities, and later in July and August another 4% was added. The year-end equity weighting for equities was roughly 50%. The difference between the numbers is the appreciation in the equity holdings. Much the same as 2002, the smaller the market capitalization, the better the performance. The S&P 500 was up 24.38%, the S&P Midcap 400 was up 26.76%, and the S&P Smallcap 600 was up 26.86%. The International equity markets followed suit in whole, with the EAFE index up 26.01%, with quite a wide range of returns within the index. In dollar terms, Japan had the largest negative impact on the portfolio, up 18.3%, but the prospects there have improved dramatically the past couple of quarters.

For the year, the RSA domestic equity portfolios increased 25.59%, 25.66%, and 24.59% for the TRS, ERS, and JRF funds, respectively, which exceeded the benchmark S&P 500 return of 24.38%. International equity returns fared slightly better, returning 26.67% and 26.73% for TRS and ERS, respectively, which exceeded the MSCI EAFE index return of 26.01%. The global equity returns for FY 2003 were 25.68%, 25.77%, and 24.55% for the TRS, ERS, and JRF, respectively. Three-, five-, and tenyear annualized global equity returns were -8.26%, 2.31%, and 8.74% for TRS, -8.25%, 2.39%, and 8.75% for ERS, and -9.14%, 1.9%, and 10.54% for JRF, respectively.

Sincerely

Darren Schulz

Acting Director of Investments

Investment Section
Investment Policies and Procedures
For the Fiscal Year Ended September 30, 2003

#### I. Board Objectives

The Boards of Control, as Trustees of the Teachers' Retirement System and Employees' Retirement System (Systems), have full power, through each System's secretary-treasurer, to invest and reinvest System funds in accordance with the Prudent Man Rule: "with the care, skill, prudence, and diligence under the circumstances then prevailing that a prudent man acting in a like capacity and familiar with such matters would use in the conduct of an enterprise of a like character and with like aims." Other funds currently and hereafter under the management of the Systems will be governed by this Investment Policy Statement within each System's limitations and/or by other applicable legislated restrictions.

It is the objective of the Boards that funds be invested in such a manner as to maximize the total return of each System within prudent risk parameters. Also, the Systems recognize that a stronger Alabama equates to a stronger Retirement System, and as such, investments in Alabama businesses are encouraged to the extent the investment meets the criteria delineated by this policy statement.

The long term investment performance expectations of the Systems are to achieve a return on marketable securities in excess of the actuarial investment assumption and to exceed the rate of inflation (as measured by the CPI) by 3% through investments in a broadly diversified portfolio. The performance evaluation of each System will be submitted to the respective Board on a semi-annual basis.

#### **II. Asset Allocation**

The most important aspect of any investment strategy is the decision regarding allocation of investments among the various asset classes. The purpose of formulating asset allocation guidelines is to maximize investment returns within the standards of prudence established for the whole portfolio. Accordingly, the asset allocation decisions will be predicated on the following factors:

- 1. The actuarial projected liability stream of benefits and their cost,
- 2. The perception of the prospective risks and returns of eligible asset classes, and
- 3. Judgments regarding future economic and financial conditions.

The maximum permissible allocation of assets in the Systems to each eligible asset class is expressed below:

#### A. Domestic Fixed Income

The domestic fixed income portfolio of each System may consist of any rated or non-rated debt security including, but not limited to, the following: U.S. Treasury issues, agency issues, mortgage-backed securities, corporate bonds, and privately placed debt securities. This area of investments may not exceed 70% of the market value of the aggregate portfolio of each System.

#### B. International Fixed Income

The international fixed income asset class may be used to provide diversification for each System and may consist of U.S. dollar denominated or foreign currency denominated fixed income obligations of sovereign countries with a rating of at least A by one of the principal rating agencies at the time of purchase or acquisition, except that up to 2 percent of the market value of each System's total portfolio may be invested in the obligations of sovereign countries with a rating of BBB or BAA by one of such agencies at the time of purchase. The Systems may hedge against the possible adverse effects of currency fluctuations on each System's portfolio of international fixed income obligations when it is considered appropriate. The market value of this asset may not exceed 10% of the market value of each System's total portfolio.

Investment Section
Investment Policies and Procedures (Continued)
For the Fiscal Year Ended September 30, 2003

#### C. Domestic Equity

The domestic equity portfolio of each System may consist of both actively and passively managed equity securities. Also, covered call options may be utilized in order to add incremental value to each System's equity portfolio and may be written and repurchased as market conditions warrant. The asset class may not exceed 65% of the market value of each System's aggregate portfolio.

#### D. International Equity

The international equity asset class may be used to provide diversification for the Systems and may consist of both actively and passively managed international equity securities. In order to be eligible for purchase by the Systems, an international equity security must be issued by a company incorporated in a country whose debt securities are eligible for investment under Section B above, and the market value of the aggregate outstanding equity of the issuing company must be at least \$100 million. Furthermore, each System may not purchase or hold more than 5 percent of any class of the outstanding stock of a company. The Systems may hedge against the possible adverse effects of currency fluctuations on each System's portfolio of international equity securities when it is considered appropriate. The aggregate market value of international equities may not exceed 15% of the aggregate market value of each System's total portfolio.

#### E. Real Estate

The real estate portfolio of each System may consist of office, retail, industrial, commercial, and residential housing projects. The suggested range may not exceed 10% of the book value of each System's aggregate portfolio.

#### F. Alternative Investments

Alternative investments may consist of, but are not limited to, mezzanine financing, LBO's, venture capital, limited partnerships, futures, commodities, and derivative investments. The asset class may not exceed 5% of the book value of each System's aggregate portfolio.

#### G. Short-term Investments

Short-term investments may consist of money allocated to commercial paper, rated at least A-2 and/or P-2, repurchase agreements, short-term U.S. Treasury securities and other money market investments. The primary objective of short-term investments is to provide highly liquid, low risk methods of return on funds, which have not been committed to the other aforementioned asset classes. The asset class may not exceed 20% of the market value of each System's aggregate portfolio.

Asset allocation is a dynamic process, and as such, the allocation decision should be revisited as market conditions change. In order to recognize this dynamism, the allocation targets within the recommended ranges of each asset class for the prospective quarter should be included in the quarterly strategy report.

#### III. Procedures

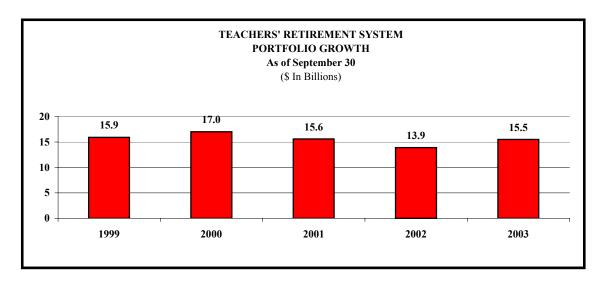
- 1. The investment advisor will work with the staff to develop a quarterly strategy for investments, which will be disseminated to the Boards, as it is prepared each quarter.
- 2. The Investment Committee of each System shall approve all investments made within the prescribed investment policy. These Investment Committees, in their approval, are considered to be signing for the respective Board of Control. If any purchase or sale is questioned by a member of the respective Investment Committee as to whether it is within given Board policy, the Board shall decide and no purchase or sale shall take place until all parties are in clear agreement that said action is or is not covered by policy.
- 3. Each week the secretary-treasurer of each System will send to the investment advisor the list of actual activities for written confirmation, which will then be forwarded to the respective System's Board of Control members upon receipt.
- 4. The staff members of the investment advisor will meet at least quarterly with members of the RSA staff and interested Boards of Control members to cover subjects of mutual interest.
- 5. All investment security purchases will be documented with an individual worksheet setting out the reason for the purchase, rating, market history and other general data pertinent to the decision making process.
- 6. An annual survey will be made of all fixed income investments held with emphasis on credit quality. A holding that has been downgraded in rating will be examined as to the reason for the downgrade and a determination should be made as to whether the security should remain in the portfolio.
- 7. The rules of the Securities Exchange Commission, the general policies of the Boards of Control, and the Alabama Ethics Commission shall govern the ethical conduct of employees. The RSA staff will provide the Alabama Ethics Commission with a quarterly report of all purchases and sales of any and all securities for personal accounts occurring within each reported quarter. The staff will abide by the Alabama Ethics Commission Advisory Opinion No. 673.

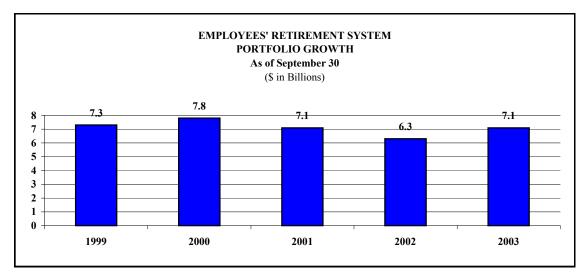
Investment Section
Schedule of Investment Performance
For the Fiscal Year Ended September 30, 2003

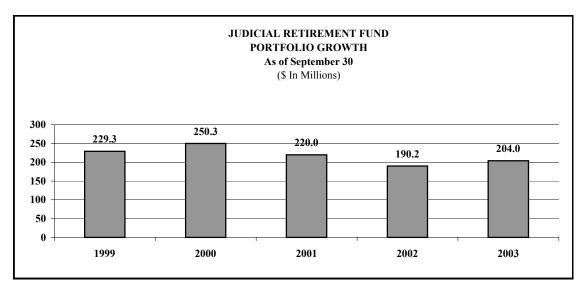
		Annualized		
	1 Year	Last 3 Years	Last 5 Years	Last 10 Years
Total Portfolio				
TRS	15.98%	0.15%	4.36%	7.65%
ERS	16.48%	-0.35%	4.12%	7.55%
JRF	11.70%	-3.24%	2.72%	7.37%
<b>Total Domestic Equity</b>				
TRS	25.59%	-8.29%	2.64%	9.67%
ERS	25.66%	-8.31%	2.68%	9.70%
JRF	24.59%	-9.14%	1.90%	10.54%
Domestic Equity Benchmarks:				
S&P 500	24.38%	-10.14%	0.98%	10.04%
Dow Jones Industrial Average	25.14%	-2.59%	5.27%	12.45%
S&P MidCap 400	26.76%	-0.74%	11.96%	12.80%
Russell 2000	36.48%	-0.82%	7.46%	8.28%
<b>Total International Equity</b>				
TRS	26.67%	-7.90%	1.23%	
ERS	26.73%	-7.89%	1.30%	
International Equity Benchmarks:				
Morgan Stanley EAFE (Unhedged)	26.01%	-8.71%	0.55%	
<b>Total Fixed Income</b>				
TRS	10.01%	6.83%	5.76%	6.92%
ERS	10.47%	6.49%	5.65%	6.84%
JRF	0.60%	2.85%	3.59%	5.94%
Fixed Income Benchmarks:				
SB Broad Investment Grade	5.49%	8.93%	6.63%	6.92%
Lehman Bros. Aggregate	5.41%	8.94%	6.63%	6.92%

Investment return calculations were prepared using a time-weighted rate of return based on AIMR's performance presentation standards.

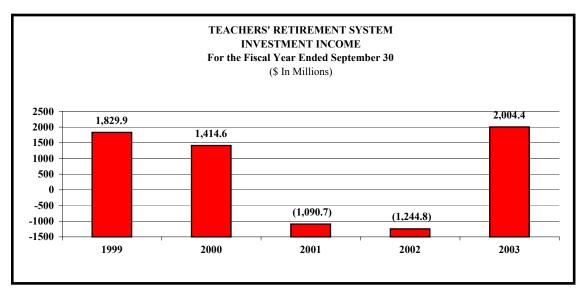
Investment Section
Portfolio Growth
Five-Year Comparison

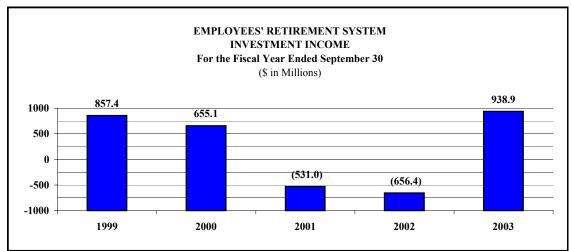


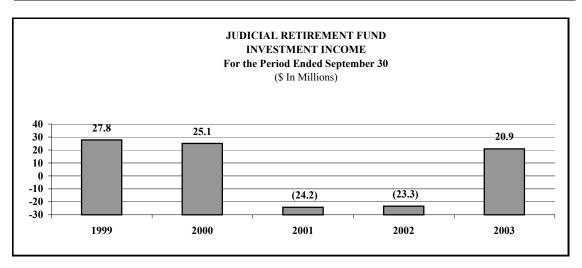




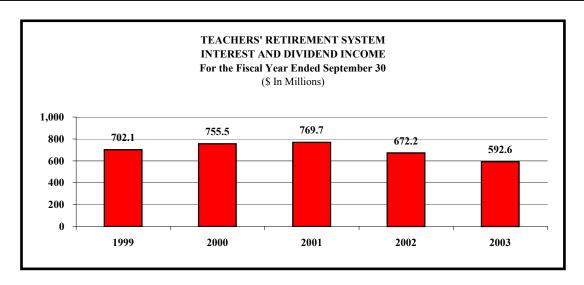
Investment Section Investment Income Five-Year Comparison

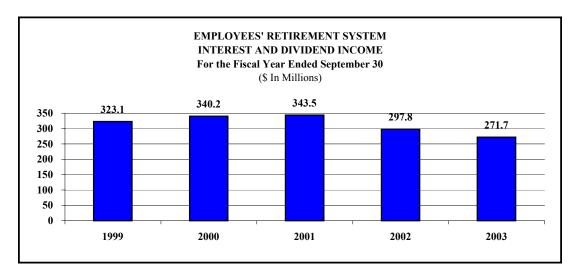


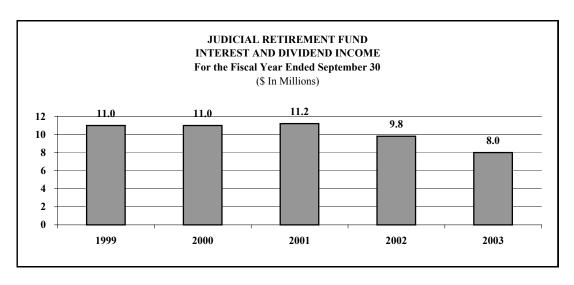




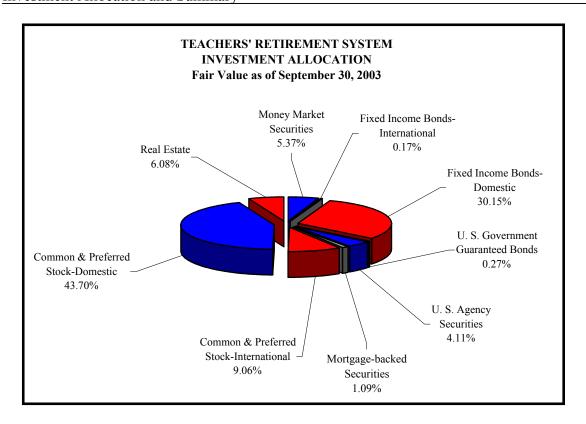
Investment Section
Interest and Dividends
Five-Year Comparison







Investment Section
Teachers' Retirement System
Investment Allocation and Summary



# TEACHERS' RETIREMENT SYTEM INVESTMENT SUMMARY AT FAIR VALUE As of September 30, 2003

(\$ In Thousands)

		%
	Fair	of Fair
	Value	Value
Money Market Securities	\$ 833,052	5.37
U.S. Government Guaranteed	41,203	0.27
U.S. Agency Securities	635,478	4.11
Mortgage-backed Securities	168,075	1.09
Fixed Income Bonds		
Domestic	4,665,092	30.15
International	26,810	0.17
Common and Preferred Stocks		
Domestic	6,762,794	43.70
International	1,402,292	9.06
Real Estate	940,122	6.08
<b>Total Investments</b>	\$ 15,474,918	100.00

Investment Section
Teachers' Retirement System
Largest Stock and Bond Holdings

# TEACHERS' RETIREMENT SYSTEM LARGEST STOCK HOLDINGS

### **September 30, 2003**

(Amounts In Thousands)

	Shares Stock		Fair Value
1)	489	Raycom Media (12% noncum PFD)	\$ 393,472
2)	5,641	Microsoft Corporation	156,820
3)	5,192	General Electric Company	154,762
4)	4,290	Pfizer Incorporated	130,324
5)	3,548	Exxon Mobil Corporation	129,859
6)	2,820	Citigroup Incorporated	128,354
7)	2,289	Wal Mart Stores	127,852
8)	3,686	Intel Corporation	101,425
9)	13,768	RSA Holdings LLC	101,103
10)	1,435	American International Group	82,809

## TEACHERS' RETIREMENT SYSTEM LARGEST BOND HOLDINGS

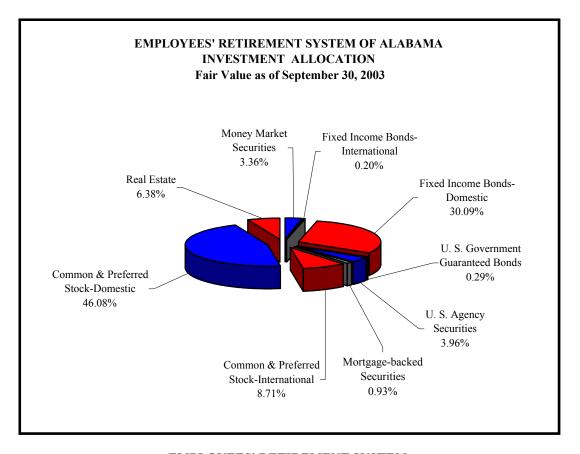
#### **September 30, 2003**

(\$ in Thousands)

	<u>Par</u>	Bonds	Fair Value
1)	\$ 1,087,087	Community News due 1/31/17	\$ 890,463
2)	825,360	Raycom Media Incorporated due 12/15/16	663,783
3)	265,467	Raycom Media Incorporated due 4/1/12	213,498
4)	110,000	Mediaone Group Incorporated due 2/1/32	125,722
5)	133,525	IDB Monroe Alabama River Pulp due 3/31/13	124,216
6)	90,000	CSX Corporation due 5/1/32	102,818
7)	75,000	Nationwide Financial Services due 3/1/27	78,954
8)	73,250	J C Penney Company Incorporated due 4/1/27	75,081
9)	65,000	Ford Motor Company due 11/15/22	66,748
10)	84,350	Delta 1992 Ser B2 Pass Thr Cert. Due 3/11/15	64,106

A complete list of portfolio holdings is available upon request.

Investment Section
Employees' Retirement System
Investment Allocation and Summary



# EMPLOYEES' RETIREMENT SYSTEM INVESTMENT SUMMARY AT FAIR VALUE

As of September 30, 2003

(\$ In Thousands)

		<b>%</b>
	Fair	of Fair
	Value	Value
Money Market Securities	\$ 239,446	3.36
U.S. Government Guaranteed	20,352	0.29
U.S. Agency Securities	282,730	3.96
Mortgage-backed Securities	66,067	0.93
Fixed Income Bonds		
Domestic	2,144,851	30.09
International	14,385	0.20
Common and Preferred Stocks		
Domestic	3,285,094	46.08
International	621,178	8.71
Real Estate	454,569	6.38
<b>Total Investments</b>	\$ 7,128,672	100.00

Investment Section
Employees' Retirement System
Largest Stock and Bond Holdings

# EMPLOYEES' RETIREMENT SYSTEM LARGEST STOCK HOLDINGS

**September 30, 2003** 

(Amounts in Thousands)

	Shares	Stock	Fair Value
1)	489	Raycom Media (12% noncum PFD)	\$ 393,472
2)	93	CNHI TR D Preferred (8% noncum)	76,458
3)	2,539	Microsoft Corporation	70,579
4)	2,337	General Electric Corporation	69,657
5)	1,930	Pfizer Incorporated	58,647
6)	1,591	Exxon Mobil Corporation	58,225
7)	1,268	Citigroup Incorporated	57,695
8)	1,029	Wal Mart Stores	57,442
9)	6,884	RSA Holdings LLC	50,551
10)	1,666	Intel Corporation	45,835

# EMPLOYEES' RETIREMENT SYSTEM LARGEST BOND HOLDINGS

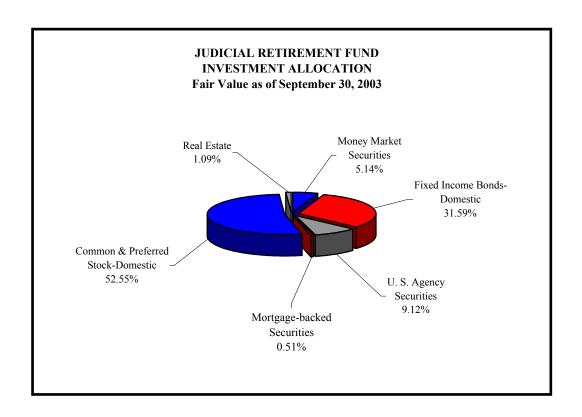
**September 30, 2003** 

(\$ In Thousands)

	<u>Par</u>	Bonds	Fair Value
1)	\$ 551,021	Community News due 1/31/17	\$ 451,357
2)	406,596	Raycom Media Incorporated due 12/15/16	326,999
3)	130,753	Raycom Media Incorporated due 4/1/12	105,156
4)	71,000	Mediaone Group Incorporated due 2/1/32	81,148
5)	50,000	CSX Corporation due 5/1/32	57,121
6)	57,225	IDB Monroe Alabama River Pulp due 3/31/13	53,235
7)	40,000	Sithe Funding due 12/30/13	42,300
8)	35,000	Ford Motor Company due 11/15/22	35,941
9)	41,785	Delta 1992 Ser B2 Pass Thr Cert. Due 3/11/15	31,757
10)	25,000	Nationwide Financial Services due 3/1/27	26,318

A complete list of portfolio holdings is available upon request.

Investment Section
Judicial Retirement Fund
Investment Allocation and Summary



### JUDICIAL RETIREMENT FUND INVESTMENT SUMMARY AT FAIR VALUE As of September 30, 2003

(\$ In Thousands)

	<u> </u>	air Value_	% of Fair Value
Money Market Securities	\$	10,483	5.14
U.S. Agency Securities		18,610	9.12
Mortgage-backed Securities		1,037	0.51
Fixed Income Bonds, Domestic		64,442	31.59
Common and Preferred Stocks, Domestic		107,209	52.55
Real Estate		2,227	1.09
<b>Total Investments</b>	\$	204,008	100.00

Investment Section
Judicial Retirement Fund
Largest Stock and Bond Holdings

# JUDICIAL RETIREMENT FUND LARGEST STOCK HOLDINGS

**September 30, 2003** 

(Amounts in Thousands)

	Shares	Stock	Fair Value
1)	111	Microsoft Corporation	\$ 3,080
2)	103	General Electric Corporation	3,073
3)	70	Exxon Mobil Corporation	2,553
4)	46	Wal Mart Stores	2,552
5)	83	Pfizer Incorporated	2,512
6)	53	Citigroup Incorporated	2,424
7)	69	Intel Corporation	1,891
8)	27	American International Group	1,558
9)	18	IBM Corporation	1,546
10)	31	Johnson & Johnson	1,523

# JUDICIAL RETIREMENT FUND LARGEST BOND HOLDINGS

**September 30, 2003** 

(\$ In Thousands)

	Par	Bonds	Fair Value
1)	\$ 10,000	Texas Utilities Electric due 7/1/25	\$ 10,338
2)	7,794	Community News due 1/31/17	6,385
3)	5,000	Sithe Funding due 12/30/13	5,288
4)	3,000	Nationwide Financial Services due 3/1/27	3,158
5)	2,000	PPL Energy due 12/21/13	2,261
6)	2,000	Verizon Communication (GTE Corp.) due 2/1/27	2,254
7)	2,000	Tupperware Finance Company due 7/15/11	2,016
8)	5,424	UAL Pass-through Certicates Ser 1993-C1due 6/17/09	2,007
9)	1,669	FPL Energy Virginia due 6/30/19	1,834
10)	2,000	IPSCO Saskatchewan due 12/31/38	1,797

A complete list of portfolio holdings is available upon request.

Investment Section

**Broker Commissions Paid** 

For the Fiscal Year Ended September 30, 2003

	Stock # of		Fixed		
			Securities	Total	
	Commissions Per Share	Shares (000's)	Commissions (000's)	Commissions (000's)	Commissions (000's)
A. G. Edwards-Campbell	0.0500	449,000	\$ 22,450	\$ 5,000	\$ 27,450
Banc of America	-	-	-	6,250	6,250
Bear Stearns & Co.	0.0477	5,056,875	241,208	443,235	684,443
Bernstein	0.0496	10,261,913	509,096	-	509,096
Centennial-Collins	0.0500	238,900	11,945	-	11,945
Chapman-Baldwin	0.0500	275,000	13,750	-	13,750
Citigroup	0.0439	10,836,876	475,633	533,919	1,009,552
Citigroup-Walker	0.0500	700,300	35,015	16,500	51,515
Collins Asset Management	0.0500	25,000	1,250	-	1,250
Concord-Rayl	0.0500	175,000	8,750	-	8,750
Credit Suisse First Boston Corp.	0.0405	10,679,880	432,770	237,188	669,958
Deutsche Bank Securities	0.0424	7,431,202	315,241	46,250	361,491
Gardner Rich	0.0500	302,300	15,115	-	15,115
Goldman Sachs & Co.	0.0504	3,259,940	164,412	121,344	285,756
Howard Weil & Co.	0.0500	873,655	43,683	-	43,683
ISI	0.0500	2,284,100	114,205	-	114,205
J. P. Morgan Chase	0.0394	5,683,291	224,067	22,500	246,567
Lazard/Reginald Rainey	-	-	-	39,063	39,063
Janney Montgomery Scott	0.0500	325,200	16,260	-	16,260
Lehman Brothers, Inc.	0.0334	4,224,125	141,012	117,500	258,512
Lehman Brothers, IncSoft	0.0500	4,614,298	230,715	-	230,715
McDonald & Company	0.0500	300,000	15,000	159,526	174,526
Merrill Lynch, Pierce, Fenner & Smith	0.0376	7,950,700	299,156	717,239	1,016,395
Merrill Lynch-Soft	0.0500	662,700	33,135	717,237	33,135
Morgan Keegan-Rogers	0.0500	684,100	34,205	9,000	43,205
Morgan Stanley Dean Witter	0.0380	10,485,482	398,182	179,250	577,432
Morgan Stanley Dean Witter-Int'l	0.0022	66,992,653	147,702	177,230	147,702
Morgan Stanley-Rees	0.0500	699,900	34,995	9,000	43,995
NBC Capital Markets	-	077,700	34,773	399,935	399,935
NBC-Falkenburg	0.0500	850,000	42,500	39,000	81,500
Prudential Securities	0.0067	10,205,761	68,804	37,000	68,804
Quintus Securities/Register	0.0500	125,000	6,250	_	6,250
Raymond James-Maddux	0.0500	751,700	37,585	57,750	95,335
Robert Thomas	0.0500	225,000	11,250	37,730	11,250
Securities Corp-Jones				-	
Simmons-Savoie	0.0500	347,185	17,359	-	17,359
Southwest-Schramme	0.0500	720,010	36,001	-	36,001
	0.0500	224,000	11,200	24,000	11,200
Sterne, Agee-Childers	0.0500	497,700	24,885	34,000	58,885
Sterne, Agee-Tankersley	0.0500	394,100	19,705	9,000	28,705
UBS Warburg	0.0159	11,040,014	175,170	268,073	443,243
UBS Warburg Varia	0.0500	324,000	16,200	-	16,200
UBS Warburg-Young	0.0500	175,000	8,750	-	8,750
Wachovia-Harris	0.0500	648,600	32,430	9,000	41,430
Totals		182,000,460	\$ 4,487,041	\$ 3,479,522	\$ 7,966,563

# **ACTUARIAL SECTION**



February 13, 2004

Board of Control Teachers' Retirement System of Alabama Montgomery, Alabama

Members of the Board:

In this report are submitted the results of the sixty-second annual valuation of the assets and liabilities of the Teachers' Retirement System of Alabama, prepared as of June 30, 2003 in accordance with Section 367(15) of the act governing the operation of the System. The purpose of this report is to provide a summary of the funded status of the system as of June 30, 2003, to recommend rates of contribution and to provide accounting information under Governmental Accounting Standards Board Statements No. 25 and 27 (GASB 25 and 27). While not verifying the data at source, the actuary performed tests for consistency and reasonability. On the basis of the valuation, it is recommended that the State make contributions to the Retirement System at the rate of 9.44% of payroll. The increase in the contribution rate from 7.54% to 9.44% of payroll is primarily due to a recognition of asset losses. Due to the poor recent performance in the markets, we strongly recommend that the Board of Control consider lowering the assumed rate of investment return from 8.0% to 7.75% or 7.50%. This change would require an additional increase in the required employer contribution rate.

The promised benefits of the System are included in the actuarially calculated contribution rates which are developed using the entry age normal cost method. The valuation continues to take into account the provisions of Act 2000-732 which requires that the actuary certify annually to the Teachers' Retirement System that there has been no change in the liquidation period used to determine the accrued liability Under the requirements of Act 2000-732, we have determined an employer contribution rate. contribution rate of 9.44% of payroll based on a 10-year liquidation period. If the section of Act 2000-732 that requires the use of a liquidation period of 10 years was repealed, a liquidation period up to 20 years could be utilized and a lower employer contribution would be required. The repeal of this section of Act 2000-732 would be reasonable and actuarially sound and would result in an employer contribution of 8.17% based on a 20-year liquidation period. Additionally, this would make the TRS and ERS amortization methods the same, as they were prior to the passage of this section of Act 2000-732. Five-year market related value of assets is used for actuarial valuation purposes. Gains and losses are reflected in the unfunded accrued liability that is being amortized by regular annual contributions as a level percentage of payroll, on the assumption that payroll will increase by 4.5% annually. assumptions recommended by the actuary and adopted by the Board are in the aggregate reasonably related to the experience under the Fund and to reasonable expectations of anticipated experience under the Fund and meet the parameters for the disclosures under GASB 25 and 27.

We have prepared the Schedule of Funding Progress and Trend Information shown in the financial section of the Comprehensive Annual Financial Report, and all supporting schedules including the Schedule of Active Member Valuation Data, the Solvency Test and the Analysis of Financial Experience shown in the actuarial section of the Comprehensive Annual Financial Report.

Actuarial Section
Teachers' Retirement System
Actuarial Letter (Continued)

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

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

The Table of Contents, which immediately follows, outlines the material contained in the report.

Respectfully submitted,

Edward A. Macdonald, ASA, MAAA, FCA

Principal, Consulting Actuary

EAM:sh

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Actuarial Section

Teachers' Retirement System

Summary of Actuarial Assumptions and Methods

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

The Actuary selected the assumptions and methods used in the valuation based on the actuarial experience study prepared as of June 30, 2001, submitted on November 14, 2001, and adopted by the Board in January 2002.

Investment Rate of Return: 8% per annum, compounded annually.

**Salary Increases:** Representative values of the assumed annual rates of future salary increases are as follows and include inflation at 4.50% per annum:

	Annual
Age	<b>Rate (%)</b>
20	7.25
25	7.25
30	7.75
35	7.00
40	6.50
45	6.25
50	6.00
55	5.50
60	5.00
65	5.00

**Separations Before Service Retirement:** Representative values of the assumed annual rates of death, disability, and withdrawal are as follows:

			Annual l	Rate (%)		
	Death		<b>Disability</b>		Withdrawal*	
Age	Men	Women	Men	Women	Men	Women
20	0.05	0.03	0.05	0.07	23.83	23.83
25	0.06	0.03	0.06	0.07	11.59	11.14
30	0.08	0.03	0.07	0.07	7.86	7.93
35	0.08	0.04	0.12	0.10	6.08	6.08
40	0.09	0.06	0.14	0.16	4.78	4.35
45	0.14	0.09	0.24	0.32	3.75	3.71
50	0.21	0.12	0.61	0.65	2.82	2.57
55	0.36	0.19	1.35	0.95	1.85	2.07
60	0.63	0.34	2.50	1.89	1.41	1.95
65	1.15	0.67				
69	1.80	1.08				

<sup>\*</sup> Withdrawal rates are higher during the first three years of service.

Service Retirement\*: Representative values of the assumed annual rates of service retirement are as follows:

For those members first eligible for unreduced benefits before age 50 or after age 60, rates are as follows:

	Annual Rate (%)			
Age	Men	Women		
45	7.0	4.0		
50	12.0	8.0		
55	45.0	45.0		
60	15.0	15.0		
62	35.0	35.0		
65	40.0	40.0		
70	100.0	100.0		

<sup>\*</sup>Retirement rates increase by 10% for males and 20% for females in the year members first become eligible for unreduced service retirement.

For members first eligible for unreduced benefits on or after age 50 but before age 60, no withdrawal or retirement is assumed to occur for the five years prior to DROP eligibility and 45% are assumed to retire in the first year eligible for DROP participation. The rates, thereafter, are as follows:

	Annual Rate (%)		
Age	Men	Women	
58	15.0	15.0	
60	15.0	15.0	
62	35.0	35.0	
65	40.0	40.0	
70	100.0	100.0	

**Deaths after Retirement:** Representative values of the assumed annual rates of death after service and disability retirement are as follows:

	Annual Rate (%) of Death After			
	<b>Service Retirement</b>		<b>Disability Retiremen</b>	
Age	Men	Women	Men	Women
40	0.1	0.1	3.3	2.6
50	0.3	0.1	3.8	2.5
55	0.5	0.2	4.2	2.7
60	0.8	0.4	4.9	3.0
65	1.5	0.8	6.0	3.4
70	2.6	1.4	7.6	4.1
75	3.9	2.2	10.2	5.2
80	5.9	3.8	14.2	6.8
85	9.2	6.6	20.1	9.5
90	14.3	11.2	28.7	13.5
95	20.5	18.4	40.4	19.4

Actuarial Section

Teachers' Retirement System

Summary of Actuarial Assumptions and Methods (Continued), Actuarial Cost Method and Summary of Plan Provisions

**Spousal Benefits:** For those eligible for spousal benefits, it is assumed that 75% will elect the lump sum death benefit and 25% will elect the spousal benefit.

Valuation Method: Entry age normal cost method. Actuarial gains and losses are reflected in the unfunded actuarial accrued liability.

**Assets:** Actuarial value. The actuarial value of assets recognizes a portion of the difference between the market value of assets and the expected actuarial value of assets, based on the assumed valuation rate of return. Each year 20% of the difference between market value and expected actuarial value is recognized.

#### **Actuarial Cost Method**

- 1. The valuation is prepared on the projected benefit basis, which is used to determine the present value of each member's expected benefit payable at retirement or death. The calculations are based on the member's age, years of service, sex, compensation, expected future salary increases, and an assumed future interest earnings rate (currently 8%). The calculations consider the probability of a member's death or termination of employment prior to becoming eligible for a benefit and the probability of the member terminating with a service, disability, or survivor's benefit. The present value of the expected benefits payable to active members is added to the present value of the expected future payments to retired members and beneficiaries to obtain the present value of all expected benefits payable to the present group of members and beneficiaries.
- 2. The employer contributions required to support the benefits of the System are determined following a level funding approach, and consist of a normal contribution and an accrued liability contribution.
- 3. The normal contribution is determined using the "entry age normal" method. Under this method, a calculation is made to determine the uniform and constant percentage rate of employer contributions which, if applied to the compensation of the average new member during the entire period of the member's anticipated covered service, would be required in addition to the contributions of the member to meet the cost of all benefits payable on the member's behalf.
- 4. The unfunded accrued liability contributions are determined by subtracting the current assets held by the System and the present value of prospective employer normal contributions and member contributions from the present value of expected benefits to be paid from the System.

#### **Summary of Plan Provisions as Interpreted for Valuation Purposes**

The Teachers' Retirement System of Alabama was established on September 15, 1939 and became effective September 30, 1941. The valuation considered amendments to the System through the valuation date. The following summary describes the main benefit and contribution provisions of the System as interpreted for the valuation.

#### **Definitions**

Average Final Compensation - the average compensation of a member for the 3 highest years in the last 10 years of creditable service.

Membership Service - all service rendered while a member of the retirement system and for which contributions are made.

Creditable Service - the sum of membership service, prior service, and any other service established as creditable in accordance with the provisions of the retirement law.

Annuity - payments for life derived from accumulated contributions of a member.

Pension - payments for life derived from employer contributions.

Retirement Allowance - the sum of the annuity and pension.

#### **Benefits**

Service Retirement Allowance

Condition for Allowance

A retirement allowance is payable upon the request of any member who has completed 25 years of creditable service or who has attained age 60 and completed at least 10 years of creditable service.

Amount of Allowance

Upon service retirement, a member receives a retirement allowance equal to 2.0125% of the member's average final compensation multiplied by the number of years of creditable service At retirement, a member receives one additional year of creditable service in determining retirement allowance for each five years of service as a full-time certified firefighter, police officer, or correctional officer.

Members may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement" below).

Disability Retirement Allowance

Condition for Allowance

A disability retirement allowance may be granted to a member who has 10 years or more of creditable service and becomes totally and permanently incapacitated for duty before reaching eligibility for a service retirement allowance.

Amount of Allowance

Upon retirement for disability, a member receives a retirement allowance equal to 2.0125% of the member's average final compensation multiplied by the number of years of creditable service. At retirement, a member receives one additional year of creditable service in determining retirement allowance for each five years of service as a full-time certified firefighter, police officer, or correctional officer.

Members may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement" below).

Benefits Payable on Separation of Service

Any member who withdraws from service is entitled to receive his or her contributions with allowable interest. A member who has completed 10 years of creditable service may, after separation from service, continue in the membership of the System and file for service retirement after reaching age 60.

Benefits Payable upon
Death of an Active Member

In the event of the death of a member eligible for service retirement, the designated beneficiary may elect (1) to exercise Option 3 defined below under "Special Privileges at Retirement" or (2) to receive a return of member contributions and total earned interest plus a death benefit equal to the salary on which the member made retirement contributions for the previous scholastic year (July 1-June 30). \*

Actuarial Section

Teachers' Retirement System

Summary of Plan Provisions (Continued) Supporting Schedules

In the event of the death of a member with more than one year of service who is not eligible to retire, the designated beneficiary shall receive the return of member contributions and total earned interest. Also, the designated beneficiary shall receive an additional death benefit equal to the salary on which member retirement contributions were made for the previous scholastic year (July 1-June 30). \*

In the event of a job-related death of a member with less than one year of service, the designated beneficiary shall receive the return of member contributions and total earned interest plus a death benefit equal to the annual earnable compensation of the member at the time of death. \*

In the event of a non-job related death of a member with less than one year of service, the designated beneficiary shall receive the return of member contributions and total earned interest plus a matching death benefit which is limited to a \$5,000 maximum.

\*However, if the death occurred more than 180 calendar days after the member's last day in pay status, or if the deceased had applied for a refund of contributions or terminated employment, the lump sum will be the same as if the member had less than one year of service and the death was non-job related.

Special Privileges at Retirement

In lieu of the full retirement allowance, any member may, at retirement, elect to receive a reduced retirement allowance equal in value to the full allowance, with the provision that:

Option 1 - If a member dies before the annuity payments equals the present value of the annuity at the date of retirement, the balance is paid to a designated beneficiary or to the member's estate, or

Option 2 – After the member's death, the member's allowance is continued throughout the life of the designated beneficiary, or

Option 3 – After the member's death, one-half of the member's allowance is continued throughout the life of the designated beneficiary, or

Option 4 - Some other benefit is paid either to the member or to such other person as the member shall designate provided such benefit, together with the reduced retirement allowance, is of equivalent actuarial value to the member's retirement allowance and is approved by the Board of Control.

Deferred Retirement Option Plan (DROP)

A member may elect to participate in the Deferred Retirement Option Plan (DROP) upon completion of at least 25 years of creditable service (excluding sick leave) and attainment of at least 55 years of age. Under the DROP, the member may defer receipt of a retirement allowance and continue employment for a period not to exceed five years, nor to be less than three years. At the end of the period, the member may withdraw from active service and receive the retirement benefit based on his or her years of service credit at the time of enrollment in the DROP, and also receive a payment for the deferred retirement benefits, employee contributions while participating in the DROP, and interest earned on DROP deposits.

Member Contributions

Regular members contribute 5% of salary. Certified police officers and firefighters contribute 6% of salary. DROP participants continue to contribute during the DROP period, but receive a refund of these contributions and interest upon retirement.

## **Supporting Schedules**

The following table reflects a six-year history of active member valuation data:

# TEACHERS' RETIREMENT SYSTEM SCHEDULE OF ACTIVE MEMBER VALUATION DATA

Valuation		Number	 Annual Payroll	 Annual Average Pay	% Increase (Decrease) in Average Pay
06/30/03	§	129,617	\$ 4,486,058,170	\$ 34,610	2.78
06/30/02	†	128,649	4,332,119,671	33,674	1.74
06/30/01		130,066	4,305,080,140	33,099	3.96
06/30/00		129,777	4,131,903,775	31,838	3.03
06/30/99		128,279	3,964,111,877	30,902	(1.54)
06/30/98	*	125,464	3,937,739,237	31,385	10.60

 $<sup>\</sup>S$  - In addition, there are 2,711 employees with annual compensation of \$146,552,344 who are currently in the DROP program. Employers contribute on this payroll.

<sup>† -</sup> In addition, there are 973 employees with annual compensation of \$47,063,551 who are currently in the DROP program. Employers contribute on this payroll.

<sup>\* -</sup> Amounts include an 8.5% across-the-board pay increase effective October 1, 1998.

Actuarial Section

Teachers' Retirement System

Supporting Schedules (Continued)

The following table presents a six-year history of a solvency test:

# TEACHERS' RETIREMENT SYSTEM SOLVENCY TEST

(\$ in Thousands)

	Aggegate Accrued Liabilities For											
			(1)		(2)		(3) Active					
Valuation		Active Member		Retirants and		Members (Employer Financed		Reported		% of Accrued Liabilities Covered by Reported Assets		
Date		Co	ntributions	<u>F</u>	Beneficiaries		Portions)	Assets		(1)	(2)	(3)
06/30/03		\$	2,750,536	\$	9,548,773	\$	7,058,426	\$	18,110,470	100	100	82.3
06/30/02	§		2,690,967		8,526,609		7,156,598		17,904,881	100	100	93.4
06/30/01	γ		2,607,236		7,471,415		7,159,965		17,475,298	100	100	103.3
06/30/00			2,405,186		7,075,177		6,811,099		16,703,929	100	100	106.1
06/30/99	†		2,335,475		6,582,401		6,650,316		15,642,066	100	100	101.1
06/30/98	*		2,140,753		5,833,899		6,626,774		14,533,824	100	100	99.0

<sup>§</sup> Reflects effect of amendments to the System and additional allowance payable under Act 2002-393. Beginning 6/30/2002, item 2 includes DROP participants.

The following table presents a six-year history of retirants and beneficiaries:

#### SCHEDULE OF RETIRANTS AND BENEFICIARIES ADDED AND REMOVED FROM ROLLS

Fiscal						Annual Allowa	al Allowances		
Year	Number of	Retirees and Bei	1	Year-end					
Ended	Added	Removed	Removed Year-end		(000s)	% Increase	Average		
2003	3,782	1,275	54,410	\$	963,130	8.6	\$	17,701	
2002	3,550	1,294	51,903		886,969	5.6		17,089	
2001	3,225	1,280	49,647		839,704	9.4		16,913	
2000	4,312	1,248	47,702		767,477	9.7		16,089	
1999	2,756	1,176	44,638		699,517	12.8		15,671	
1998	4,433	1,104	43,058		620,395	11.4		14,408	

<sup>\*</sup> Does not include DROP participants.

γ Reflects changes in actuarial assumptions.

<sup>†</sup> Reflects additional allowance payable under Act 2000-741.

<sup>\*</sup> Reflects change in asset method from market value to market related value, 8.5% across-the-board increase effective October 1, 1998, and additional allowance payable under Act 98-355.

The following table provides an analysis of actuarial gains and losses:

# TEACHERS' RETIREMENT SYSTEM ANALYSIS OF ACTUARIAL GAINS AND LOSSES AS OF JUNE 30, 2003

		Amount
Unfunded Actuarial Liability as of June 30, 2002	\$	469,293,297
Normal Cost for 2003 Plan Year		267,764,888
Contributions Received During the Year		(225,651,474)
Interest to Year End		39,228,000
Expected (Overfunded)/Unfunded Actuarial Liability as of June 30, 2003		550,634,711
Actuarial (Gains)/Losses During the Year		
From Investments		732,958,475
From Actuarial Liabilities		(36,328,269)
Total Actuarial (Gains)/Losses During the Year		696,630,206
Actual Unfunded Actuarial Liability as of June 30, 2003	<u>\$</u>	1,247,264,917



October 6, 2003

Board of Control Employees' Retirement System of Alabama State Capitol Montgomery, AL 36104

Members of the Board:

In this report are submitted the results of the fifty-seventh annual valuation of the assets and liabilities of the Employees' Retirement System of Alabama, prepared as of September 30, 2002 in accordance with Section 36-27-23(p) of the act governing the operation of the System. The purpose of this report is to provide a summary of the funded status of the system as of September 30, 2002, to recommend rates of contribution and to provide accounting information under Governmental Accounting Standards Board Statements No. 25 and 27 (GASB 25 and 27). While not verifying the data at source, the actuary performed tests for consistency and reasonability. The valuation reflects the cost-of-living increase granted under Act 2002-393. On the basis of the valuation, it is recommended that the State make contributions to the Retirement System for State employees (members other than State policemen) at the rate of 5.57% of payroll. It is also recommended that the State make contributions to the Retirement System for State policemen at the rate of 18.03% of payroll.

The financing objective of the System has been to have contribution rates remain relatively level over time as a percentage of payroll. The promised benefits of the System are included in the actuarially calculated contribution rates which are developed using the entry age normal cost method. Market related value of plan assets is used for actuarial valuation purposes. Gains and losses are reflected in the unfunded accrued liability that is being amortized by regular annual contributions as a level percentage of payroll within a 20-year period for State Employees and State Police, on the assumption that payroll will increase by 4.5% annually. The assumptions recommended by the actuary and adopted by the Board are in the aggregate reasonably related to the experience under the Fund and to reasonable expectations of anticipated experience under the Fund and meet the parameters for the disclosures under GASB 25 and 27.

We have prepared the Schedule of Funding Progress and Trend Information shown in the financial section of the Comprehensive Annual Financial Report, and all supporting schedules including the Schedule of Active Member Valuation Data, the Solvency Test and the Analysis of Financial Experience shown in the actuarial section of the Comprehensive Annual Financial Report.

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

Actuarial Section
Employees' Retirement System
Actuarial Letter (Continued)

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

The Table of Contents, which immediately follows, outlines the material contained in the report.

Respectfully submitted,

Edward A. Macdonald, ASA, MAAA, FCA

Principal, Consulting Actuary

EAM:sh

Actuarial Section

Employees' Retirement System

Summary of Actuarial Assumptions and Methods

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

The Actuary selected the assumptions and methods used in the valuation based on the actuarial experience study prepared as of September 30, 2000, submitted on May 23, 2002, and adopted by the Board on June 5, 2002.

Investment Rate of Return: 8% per annum, compounded annually.

**Salary Increases:** Representative values of the assumed annual rates of future salary increases are as follows and include inflation at 4.50% per annum:

	Annual
Age	<b>Rate (%)</b>
20	7.66
25	7.75
30	7.61
35	7.25
40	6.98
45	6.60
50	6.32
55	5.84
60	5.49
65	5.05

**Separations from Active Service:** Representative values of the assumed annual rates of death, disability, withdrawal, and service retirement are as follows:

#### STATE AND LOCAL EMPLOYEES

			Annual l	Rate (%) of	Î				
	De	eath	Disa	ability	With	Withdrawal			
Age	Male	Female	Male	Female	Male	Female			
20	0.05	0.03	0.05	0.08	25.80	31.30			
25	0.06	0.03	0.06	0.09	18.50	21.50			
30	0.08	0.03	0.08	0.12	11.40	14.40			
35	0.08	0.04	0.17	0.24	8.10	10.10			
40	0.09	0.06	0.30	0.41	6.30	7.30			
45	0.14	0.09	0.54	0.65	4.90	6.00			
50	0.21	0.12	0.98	0.98	3.30	6.00			
55	0.36	0.19	1.50	1.50	3.00	4.50			
60	0.63	0.34	2.37	2.37	3.00	4.50			
62	0.80	0.44	2.84	2.84	3.00	4.50			
65	1.15	0.67	3.71	3.71					
69	1.80	1.08	4.85	4.85					

For members who are first eligible for unreduced benefits before age 50 or on or after age 60, rates are as follows:

**Annual Rate of Service Retirement** 

Age	Male(%) §	Female(%) †
45	11.00	15.00
50	11.00	15.00
55	45.00	45.00
60	15.00	15.00
62	45.00	35.00
65	60.00	50.00
69	30.00	30.00
70	100.00	100.00

<sup>§</sup> Retirement rates increase by 20% in the year a member first becomes eligible for unreduced service retirement.

For members first eligible for unreduced benefits on or after age 50 but before age 60, no withdrawal or retirement is assumed to occur for the five years prior to DROP eligibility and 45% are assumed to retire in the first year of eligibility for DROP participation. The rates, thereafter, are as follows:

Annual Rate of Service Retirement

Age	Male(%)	Female(%)				
58	15.00	25.00				
60	15.00	15.00				
62	45.00	35.00				
65	60.00	50.00				
70	100.00	100.00				

<sup>†</sup> Retirement rates increase by 25% in the year a member first becomes eligible for unreduced service retirement.

Actuarial Section

Employees' Retirement System

Summary of Actuarial Assumptions and Methods (Continued), Actuarial Cost Methods, and Summary of Plan Provisions

#### STATE POLICEMEN

Annual Rate (%) of

		Annual Rate (70) of										
	D	eath			Service	Service						
Age	Male	Female	Disability	Withdrawal †	Retirement "A"	Retirement "B"						
20	0.05	0.03	0.04	1.00								
25	0.06	0.03	0.05	1.00								
30	0.08	0.03	0.07	1.50								
35	0.08	0.04	0.11	2.00								
40	0.09	0.06	0.17	1.00								
45	0.14	0.09	0.23	0.50								
50	0.21	0.12	0.30		20.00							
55	0.36	0.19	0.35		10.00	30.00						
60	0.63	0.34				30.00						
62	0.80	0.44				30.00						
65	1.15	0.67				100.00						
69	1.80	1.08				100.00						
70						100.00						

<sup>†</sup> Higher rates are assumed during the first three years of employment.

**Death after Retirement:** The rate of mortality after service retirement are based on the George B. Buck 1979 Table for males rated forward one year and the George B. Buck 1979 Table for females. Special tables are used for the period after disability retirement.

**Spousal Benefit:** For those eligible for spousal benefits, it is assumed that 75% will elect the lump sum death benefit and 25% will elect the spousal benefit.

**Percent Married:** 100% of employees are assumed to be married, with the wife 3 years younger than the husband.

**Actuarial Method:** Entry age normal cost method. Actuarial gains and losses are reflected in the unfunded actuarial accrued liability.

**Assets:** Actuarial value. The actuarial value of assets recognizes a portion of the difference between the market value of the assets and the expected value of the assets, based on the assumed valuation rate of return. Each year 20% of the difference between the market value and expected value is recognized.

A - For those who will become eligible for DROP prior to age 57, these are the rates in effect prior to the DROP eligibility. An additional 20% are assumed to retire in the first year of eligibility for unreduced benefits. 80% are assumed to retire in the first year eligible for DROP participation if less than age 57.

B - Rates for those who will not become eligible for DROP prior to age 57. An additional 25% are assumed to retire in the first year of eligibility for unreduced benefits. Also, for those who will become eligible for DROP prior to age 57, these are the rates after the first year of DROP eligibility.

#### **Actuarial Cost Method**

- 1. The valuation is prepared on the projected benefit basis, which is used to determine the present value of each member's expected benefit payable at retirement or death. The calculations are based on the member's age, years of service, sex, compensation, expected future salary increases, and an assumed future interest earnings rate (currently 8%). The calculations consider the probability of a member's death or termination of employment prior to becoming eligible for a benefit and the probability of the member terminating with a service, disability, or survivor's benefit. The present value of the expected benefits payable to active members is added to the present value of the expected future payments to retired members and beneficiaries to obtain the present value of all expected benefits payable to the present group of members and beneficiaries.
- 2. The employer contributions required to support the benefits of the System are determined following a level funding approach and consist of a normal contribution and an accrued liability contribution.
- 3. The normal contribution is determined using the "entry age normal" method. Under this method, a calculation is made to determine the uniform and constant percentage rate of employer contributions which, if applied to the compensation of the average new member during the entire period of the member's anticipated covered service, would be required in addition to the contributions of the member to meet the cost of all benefits payable on the member's behalf.
- 4. The unfunded accrued liability is determined by subtracting the current assets and the present value of prospective employer normal contributions and member contributions from the present value of expected benefits to be paid from the System. The accrued liability contribution amortizes the balance of the unfunded accrued liability over a period of years from the valuation date.

### Summary of Plan Provisions as Interpreted for Valuation Purposes

The Employees' Retirement System of Alabama was established on October 1, 1945. The valuation considered amendments to the System effective through the valuation date. The following summary describes the main benefit and contribution provisions of the System as interpreted for the valuation.

#### **Definitions**

Average Final Compensation - the average compensation of a member for the 3 highest years in the last 10 years of creditable service.

Membership Service - all service rendered while a member of the Retirement System and for which contributions are made.

Creditable Service - the sum of membership service, prior service, and any other previous service established as creditable in accordance with the provisions of the retirement law.

Annuity - payments for life derived from accumulated contributions of a member.

Pension - payments for life derived from the accumulated contributions of an employer.

Retirement Allowance - the sum of the annuity and pension payments.

### Benefits - Members Classified as Other Than State Policemen

Service Retirement Allowance

Condition for Allowance

A retirement allowance is payable upon the request of any member who has completed 25 years of creditable service (except for local employers that maintained 30-year retirement by not electing 25-year retirement) or who has attained age 60 and completed at least 10 years of creditable service.

Actuarial Section
Employees' Retirement System
Summary of Plan Provisions (Continued)

Amount of Allowance

Upon service retirement, a member receives a retirement allowance equal to 2.0125% of the member's average final compensation multiplied by the number of years of creditable service. At retirement, a member receives one additional year of creditable service in determining retirement allowance for each five years of service as a full-time certified firefighter, police officer, or correctional officer.

The member may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement – All Employees" below).

Disability Retirement Allowance

Condition for Allowance

A disability retirement allowance may be granted to a member who has 10 or more years of creditable service and becomes permanently incapacitated for duty before reaching eligibility for service retirement.

Amount of Allowance

Upon retirement for disability, a member receives a retirement allowance equal to 2.0125% of the member's average final compensation multiplied by the number of years of the member's creditable service. At retirement, a member receives one additional year of creditable service in determining retirement allowance for each five years of service as a full-time certified firefighter, police officer, or correctional officer.

The member may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement – All Employees" below).

Benefits Payable on Separation of Service

Any member who withdraws from service is entitled to receive a return of member contributions with allowable interest. A member who has completed at least 10 years of creditable service may, after separation from service, continue membership in the System and file for service retirement after reaching age 60.

Benefits Payable upon Death in Active Service

In the event of the death of a member eligible for service retirement, the designated beneficiary may elect: (1) to exercise option 3 as defined below under "Special Privileges at Retirement – All Employees" or (2) to receive a return of member contributions and total interest earned plus a death benefit equal to the salary on which the member made retirement contributions for the previous fiscal year (October 1 – September 30). \*

In the event of the death of a member with more than one year of service who is not eligible for retirement, the designated beneficiary shall receive a return of member contributions and total interest earned. Also, the designated beneficiary shall receive an additional death benefit equal to the salary on which the member retirement contributions were made for the previous fiscal year (October 1 – September 30). \*

In the event of a job-related death of a member at any age with less than 1 year of service, the beneficiary shall receive the return of member contributions and total earned interest plus a death benefit equal to the annual earnable compensation of the member at the time death occurs. \*

In the event of a non job-related death of a member with less than 1 year of service, the beneficiary shall receive the return of member contributions and total interest earned plus a matching death benefit, which is limited to a maximum of \$5,000.

\* However, if the death occurred more than 180 calendar days after the member's last day in pay status, or if the deceased had applied for a refund of contributions or terminated employment, the lump sum will be the same as if the member had less than one year of service and the death was not job-related.

# Deferred Retirement Option Plan (DROP)

A member may elect to participate in the Deferred Retirement Option Plan (DROP) upon completion of at least 25 years (at least 30 years for units that did not elect 25 year retirement) of creditable service (excluding sick leave) and attainment of at least 55 years of age. Under the DROP, the member may defer receipt of a retirement allowance and continue employment for a period not to exceed five years, nor to be less than three years. At the end of the period, the member may withdraw from active service and receive the retirement benefit based on his or her years of service credit at the time of enrollment in the DROP, and also receive a payment for the deferred retirement benefits, employee contributions while participating in the DROP, and interest earned on DROP deposits.

Member Contributions

Regular members contribute 5% of salary. Certified firefighters, police officers and correctional officers contribute 6% of salary. DROP participants continue to contribute during the DROP period, but receive a refund of these contributions and interest upon retirement.

#### Benefits - Members Classified as State Policemen

Service Retirement Allowance

Condition of Allowance

A retirement allowance is payable upon the request of any member who has completed 25 years of creditable service or who has attained age 52 and completed at least 10 years of creditable service.

Amount of Allowance

Upon service retirement, a member receives a retirement allowance equal to 2.875% of the member's average final compensation multiplied by the number of years of their creditable service.

The member may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement – All Employees" below).

A member who has attained 20 or more years of creditable service and retires prior to age 60 is eligible to receive a "bonus service credit" up to 4 years as follows:

- -Age 56 or older bonus service of 4 years reduced by 1 month for each month over the age of 56.
- -Age 52 to 56 bonus service of 4 years.
- -Age 52 or less (disability retirement only) bonus service of 4 years.

Actuarial Section

Employees' Retirement System

# Summary of Plan Provisions (Continued) and Supporting Schedules

-Age 52 or less with 25 or more years of service – bonus service of 4 years.

Disability Retirement Allowance

Condition for Allowance

A disability retirement allowance may be granted to a member who has 10 or more years of creditable service or who becomes disabled as a result of his or her employment in the line of duty without regard to his or her years of creditable service, and who becomes permanently incapacitated, mentally or physically, for the further performance of duty before reaching the minimum age for service retirement.

Amount of Allowance

Upon retirement for disability, a member receives a retirement allowance equal to 2.875% of the member's average final compensation multiplied by the number of years of their creditable service.

The member may elect to receive a reduced retirement allowance in order to provide an allowance to a designated beneficiary after the member's death (see "Special Privileges at Retirement – All Employees" below).

Benefits Payable upon Separation from Service

Any member who withdraws from service is entitled to receive a return of member contributions with allowable interest. A member who has completed 10 years or more of creditable service may, after separation from service, continue in the membership of the System and file for service retirement after the attainment of age 52.

Benefits Payable upon Death in Active Service

In the event of the death of a member who is eligible for service retirement, the designated beneficiary may elect: (1) to exercise option 3 as defined below under "Special Privileges at Retirement – All Employees" or (2) to receive a return of member contributions and total interest earned plus a death benefit equal to the salary on which the member made retirement contributions for the previous fiscal year (October 1 – September 30). \*

In the event of the death of a member with one or more years of service who is not eligible for service retirement, the designated beneficiary shall receive a return of member contributions and total interest earned plus an additional death benefit equal to the salary on which member retirement contributions were made for the previous fiscal year (October 1 – September 30). \*

In the event of a job-related death of a member at any age with less than 1 year of service, the designated beneficiary shall receive the return of member contributions and total earned interest plus a death benefit equal to the annual earnable compensation of the member at the time death occurs. \*

In the event of a non job-related death of a member with less than 1 year of service, the designated beneficiary shall receive the return of member contributions and total interest earned plus a matching death benefit, which is limited to a maximum of \$5,000.

\* However, if the death occurred more than 180 calendar days after the member's last day in pay status, or if the deceased had applied for a refund of contributions or terminated employment, the lump sum will be the same as if the member had less than one year of service and the death was not job-related.

# Deferred Retirement Option Plan (DROP)

A member may elect to participate in the Deferred Retirement Option Plan (DROP) upon completion of at least 25 years of creditable service (excluding sick leave) and attainment of at least 52 years of age. Under the DROP, the member may defer receipt of a retirement allowance and continue employment for a period not to exceed five years, nor to be less than three years. At the end of the period, the member may withdraw from active service and receive the retirement benefit based on his or her years of service credit at the time of enrollment in the DROP, and also receive a payment for the deferred retirement benefits, employee contributions while participating in the DROP, and interest earned on DROP deposits.

#### Member Contributions

Members contribute 10% of salary. DROP participants continue to contribute during the DROP period, but receive a refund of these contributions with interest upon retirement.

Special Privileges at Retirement – All Members

In lieu of the full retirement allowance, any member may, at retirement, elect to receive a reduced retirement allowance equal in value to the full retirement allowance, with the provision that:

- Option 1: If a member dies before the annuity payments equal or exceed the present value of the member's annuity at the date of retirement, the balance is paid to a designated beneficiary or to the member's estate, or
- Option 2: After the member's death, the member's allowance is continued throughout the life of the designated beneficiary, or
- Option 3: After the member's death, one-half of the member's retirement allowance is continued throughout the life of the designated beneficiary, or
- Option 4: Some other benefit is paid either to the member or the designated beneficiary, provided such benefit, together with the reduced retirement allowance, is of equivalent actuarial value to the member's retirement allowance and is approved by the Board of Control.

### **Supporting Schedules**

The following schedule provides a six-year history on active member valuation data:

# EMPLOYEES' RETIREMENT SYSTEM SCHEDULE OF ACTIVE MEMBER VALUATION DATA

	Valuation Date	Number	Annual Payroll	Annual Average Pay	% Increase in Average Pay
*	09/30/02	81,545	\$ 2,525,514,089	\$ 30,971	3.20
	09/30/01	80,256	2,408,542,913	30,011	2.33
	09/30/00	77,693	2,278,637,042	29,329	2.85
	09/30/99	75,734	2,159,607,572	28,516	2.37
	09/30/98	73,990	2,061,103,741	27,857	6.39
	09/30/97	75,274	1,970,921,776	26,183	2.51

<sup>\*</sup>In addition, there are 428 members with compensation of \$22,260,590 who are currently participating in the DROP. Employers of the Retirement System contribute on this payroll.

Actuarial Section
Employees' Retirement System
Supporting Schedules (Continued)

The following table provides a six-year history of solvency tests:

# EMPLOYEES' RETIREMENT SYSTEM OF ALABAMA SOLVENCY TEST

(\$ in Thousands)

		Aggegate Accrued Liabilities For										
		(1)		(2)		(3) Active						
Valuation	Active Member		]	Retirants and		Members (Employer Financed		Reported	Portion (%) of Accrued Liabilities Covered by Reported Assets			
Date	Cor	ntributions	В	eneficiaries		Portion)		Assets	(1)		(2)	(3)
09/30/02	\$	1,400,699	\$	3,580,584	\$	3,512,186	\$	8,100,846	10	0	100	88.8
09/30/01 §		1,319,603		3,244,967		3,445,553		8,028,471	10	0	100	100.5
09/30/00		1,219,344		3,080,504		3,104,120		7,769,122	10	0	100	111.8
09/30/99		1,152,050		2,826,060		2,906,245		7,302,046	10	0	100	114.4
09/30/98 †		1,022,088		2,788,846		2,753,144		6,888,446	10	0	100	111.8
09/30/97 *		1,016,854		2,161,301		2,639,942		6,463,795	10	0	100	124.5

<sup>§</sup> Reflects changes in actuarial assumptions.

The following table presents a six-year history of data concerning retirants and beneficiaries:

# EMPLOYEES' RETIREMENT SYSTEM SCHEDULE OF RETIRANTS AND BENEFICIARIES ADDED AND REMOVED FROM ROLLS

Fiscal			Annual Allowances						
Year	Number of	Retirees and Benef	iciaries	Year-end					
Ended	Added	Removed	Year-end		(000s)	% Increase	_	Average	
2003	1,702	709	28,920	\$	430,633	8.1	\$	14,890	
2002	1,678	760	27,927		398,383	5.5		14,265	
2001	1,458	803	27,009		377,548	8.1		13,979	
2000	1,589	828	26,354		349,260	5.1		13,253	
1999	1,121	787	25,593		332,237	9.5		12,982	
1998	3,170	688	25,259		303,401	17.8		12,012	

 $<sup>\</sup>dagger$  Reflects change in asset method from market value to market related value.

<sup>\*</sup> Reflects change in asset method from market related value to market value.

The following table provides an analysis of actuarial gains and losses:

# EMPLOYEES' RETIREMENT SYSTEM ANALYSIS OF ACTUARIAL GAINS AND LOSSES AS OF SEPTEMBER 30, 2002

	Amount
(Overfunded) Actuarial Liability as of September 30, 2001	\$ (18,348,476)
Normal Cost for 2002 Plan Year	130,805,728
Contributions Received During the Year	(128,318,163)
Interest to Year End	(1,368,375)
Expected (Overfunded) Actuarial Liability as of September 30, 2002	(17,229,286)
Actuarial (Gains)/Losses During the Year	
From Investments	421,317,458
From Actuarial Liabilities	(11,465,614)
Total Actuarial (Gains)/Losses During the Year	409,851,844
Actual Unfunded Actuarial Liability as of September 30, 2002	\$ 392,622,558



September 26, 2003

Board of Control Judicial Retirement Fund of Alabama State Capitol Montgomery, AL 36104

Members of the Board:

In this report are submitted the results of the annual actuarial valuation of the assets and liabilities of the Alabama Judicial Retirement Fund, prepared as of September 30, 2002 in accordance with Section 36-27-23(p) of the act governing the operation of the Fund. The purpose of this report is to provide a summary of the funded status of the Fund as of September 30, 2002, to recommend rates of contribution and to provide accounting information under Governmental Accounting Standards Board Statements No. 25 and 27 (GASB 25 and 27). While not verifying the data at source, the actuary performed tests for consistency and reasonability. The valuation liabilities include the salary increases and the corresponding increase in retired members' allowances granted under Act 99-427. On the basis of the valuation, it is recommended that the State continue to make contributions to the Retirement Fund at the rate of 21.93% of payroll.

The financing objective of the Fund has been to have contribution rates remain relatively level over time as a percentage of payroll. The promised benefits of the Fund are included in the actuarially calculated contribution rates which are developed using the projected unit credit cost method. Market related value of plan assets is used for actuarial valuation purposes. Gains and losses are reflected in the unfunded accrued liability that is being amortized by regular annual contributions as a level percentage of payroll within a 20-year period, on the assumption that payroll will increase by 4.5% annually. The assumptions recommended by the actuary and adopted by the Board are in the aggregate reasonably related to the experience under the Fund and to reasonable expectations of anticipated experience under the Fund and meet the parameters for the disclosures under GASB 25 and 27.

We have prepared the Schedule of Funding Progress and Trend Information shown in the financial section of the Annual Report, and all supporting schedules including the Schedule of Active Member Valuation Data, the Solvency Test and the Analysis of Financial Experience shown in the actuarial section of the Annual Report.

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

Actuarial Section
Judicial Retirement Fund
Actuarial Letter (Continued)

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

The Table of Contents, which immediately follows, outlines the material contained in the report.

Respectfully submitted,

Edward A. Macdonald, ASA, MAAA, FCA

Principal, Consulting Actuary

EAM:sh

Actuarial Section

Judicial Retirement Fund

Summary of Actuarial Assumptions and Methods and Summary of Plan Provisions

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

The Actuary selected the assumptions and methods used in the valuation based on the actuarial experience study prepared as of September 30, 2000, submitted May 23, 2002, and adopted by the Board on June 5, 2002.

**Investment Rate of Return:** 8% per annum, compounded annually.

Salary Increases: 5% per annum, compounded annually.

**Separations Before Retirement:** Representative values of the assumed annual rates of death and disability are as follows:

ility
ilitv
iii
0.08
0.16
0.27
0.43
0.65
1.00
1.58
2.28

**Rates of Retirement:** 30% of members are assumed to retire in the first year of eligibility and 5% in each year thereafter. All remaining members are assumed to retire at age 70.

**Deaths after Retirement:** The rate of mortality after service retirement are based on the George B. Buck 1979 Table for males rated forward one year and the George B. Buck 1979 Table for females. Special mortality tables are used for the period after disability retirement.

**Percent Married:** 90% of members are assumed to be married.

Actuarial Method: Projected unit credit method. Gains and losses are reflected in the unfunded accrued liability.

**Assets:** Actuarial Value. The actuarial value of assets recognizes 20% of the difference between the market value of assets and the expected actuarial value of assets.

### Summary of Plan Provisions as Interpreted for Valuation Purposes

The Judicial Retirement Fund (JRF) was established on September 18, 1973. The valuation considered amendments to the JRF through the valuation date. The following summary describes the main benefit and contribution provisions of the JRF as interpreted for the valuation.

#### **Membership**

Any justice of the Supreme Court, judge of the Court of Civil Appeals, judge of the Court of Criminal Appeals, judge of the Circuit Court, or officeholder of any newly created judicial office receiving compensation from the State Treasury who was holding office on the effective date of the Act and elected to come under its provisions became a member of the JRF. Justices, Appellate Judges, and Circuit Judges elected or appointed after September 18, 1973 must become a member of the JRF. Also, District Judges appointed after October 1, 1975 and Probate Judges elected or appointed after October 1, 1976 must become a member of the JRF. Certain other district and probate judges as well as certain former county court judges, district attorneys, or assistant district attorneys serving as circuit judges and certain supernumerary judges and justices may also elect to become a member.

#### **Credited Service**

Credited service is service as a member plus certain periods of previous service credited in accordance with the provisions of the Act.

#### **Benefits**

Service Retirement Benefit

Condition of Benefit

A retirement benefit is payable upon request of any member who has:

- -Completed 12 years of credited service and has attained age 65, or
- -Completed 15 years of credited service and whose age plus service equals or exceeds 77, or
- -Completed at least 18 years of credited service or three full terms as a judge or justice, or
- -Completed 10 years of credited service and has attained age 70, or
- -Completed 25 years of service or 24 years of service provided the member purchases one year of service prior to retirement, regardless of age.

However, a judge who became a member on or after July 30, 1979 or who is a district or probate judge must meet the following age and service requirement combinations in order to be eligible to retire (except judges with at least 25 years of creditable service):

- -Age 70 with at least 10 years of service
- -Age 65 or greater with at least 12 years of service
- -Age 62 or greater with at least 15 years of service
- -Age 61 with at least 16 years of service
- -Age 60 with at least 17 years of service

Amount of Benefit

The service retirement benefit for a member is equal to:

(a) For circuit or appellate judges who were members prior to July 30, 1979, 75% of the salary prescribed by law for the position from which the member retires.

Actuarial Section
Judicial Retirement Fund

# Summary of Plan Provisions (Continued) and Supporting Schedules

- (b) For circuit and appellate judges who assumed office on or after July 30, 1979, 75% of the member's salary at the time of separation from service.
- (c) For probate judges, 75% of the member's salary at the time of separation from service.
- (d) For district judges, 75% of the position's salary immediately prior to retirement.

#### Disability Retirement Benefit

Condition of Benefit

A disability retirement benefit is payable to any member who becomes permanently unable, physically or mentally, to carry out their duties on a full-time basis, provided the member has completed five or more years of credited service.

Amount of Benefit

The disability retirement benefit for a judge is equal to 25% of the salary prescribed by law for the position at the time of retirement from which the member retires on disability plus 10% of such salary for each year of credited service in excess of five years. The disability retirement benefit is subject to a 30% minimum and a 75% maximum of such salary. The retirement benefit for a circuit judge and for an appellant judge who assumed office prior to July 30, 1979, is adjusted as current salaries are adjusted.

#### Spousal Benefits

Condition of Benefit

Upon the death of an active, inactive, or retired member with at least 5 years of credited service, a death benefit is payable to the member's spouse.

Amount of Benefit

The death benefit for the spouse of a judge other than a district or probate judge consists of a yearly benefit equivalent to 3% of the salary prescribed by law for the position for each year of service of the former member, not to exceed 30% of such salary.

The death benefit for the spouse of a district judge consists of a yearly benefit equal to 3% of the position's salary prescribed by law at the time of death for each year of service not to exceed 30% of such salary.

For the spouse of a probate judge, the yearly benefit is equal to the greater of \$480 for each year of credited service to a maximum of 10 year, or 3% of the judge's salary at the time of their separation from service for each year of credited service not to exceed 30% of such salary.

The benefit is payable for the spouse's life or until remarriage.

Benefit Payable on Separation from Service

If a member terminates service and elects not to withdraw his or her contributions and accrued interest from the JRF, the member is eligible to receive any of the above benefits for which the member has sufficient credited service upon reaching an eligible retirement age.

A member terminating service prior to reaching eligibility for retirement benefits may elect to receive a refund of their accumulated contributions and interest (the amount of accrued interest refundable to a District or Probate Judge is based upon the same rules and regulations applicable to similar refunds under ERS).

Member Contributions Each member contributes 6% of salary.

State Contributions The State makes contributions, which, in addition to the members'

contributions, are sufficient to carry out the provisions of the Act.

### **Supporting Schedules**

The following schedule presents six years of active member valuation data:

# JUDICIAL RETIREMENT FUND SCHEDULE OF ACTIVE MEMBER VALUATION DATA

Valuation Date	Number	Annual † Payroll	Annual Average Pay	% Increase (Decrease) in Average Pay
09/30/02	331	\$ 37,849,332	\$ 114,348	9.95
09/30/01	326	33,902,846	103,996	26.04
09/30/00	326	26,898,150	82,510	(0.88)
09/30/99	325	27,053,721	83,242	7.94
09/30/98	318	24,523,217	77,117	0.03
09/30/97	319	24,593,274	77,095	0.25

<sup>†</sup> Does not include salary increases effective after the valuation date.

**Aggegate Accrued Liabilities For** 

The following schedule presents six years of solvency tests:

# JUDICIAL RETIREMENT FUND SOLVENCY TEST

(\$ in Thousands)

		(1)		(2)	1	(3) Active					
Valuation	Active Member				Members (Employer Financed		Repor	Reported		on (%) of A Liabilities by Report	\$
Date	Cont	ributions	Ber	eficiaries	P	ortion)_	Asset	S	(1)	(2)	(3)
09/30/02	\$	23,537	\$	184,490	\$	81,831	\$ 245,4	125	100	100	45.7
09/30/01 *		21,015		189,375		78,654	245,	705	100	100	44.9
09/30/00		20,865		169,016		78,897	239,0	)23	100	100	62.5
09/30/99		18,812		171,346		73,333	221,9	926	100	100	43.3
09/30/98 †		17,665		154,319		74,194	210,	116	100	100	51.4
09/30/97 ‡		16,294		120,633		53,644	198,0	014	100	100	113.9

<sup>\*</sup> Reflects change in post retirement mortality.

<sup>†</sup> Reflects change in asset method from market value to market-related value.

<sup>‡</sup> Reflects change in asset method from market-related value to market value.

Actuarial Section
Judicial Retirement Fund
Supporting Schedules (Continued)

The following schedule presents six years of retirant and beneficiary data:

### SCHEDULE OF RETIRANTS AND BENEFICIARIES ADDED AND REMOVED FROM ROLLS

Fiscal Year	Number of	Retirees and Benef	iciaries	Annual Allowances						
Ended	Added	Removed	Year-end	Year-end	% Increase		Average			
2003	14	7	276	\$ 18,002,868	7.6	\$	65,228			
2002	8	10	269	16,728,04	8 4.5		62,186			
2001	25	6	271	16,006,800	0 44.7		59,066			
2000	3	3	252	11,060,430	(2.1)		43,891			
1999	13	4	252	11,293,512	2 12.8		44,816			
1998	8	3	243	10,015,812	2.5		41,217			

The following table provides an analysis of actuarial gains and losses:

# JUDICIAL RETIREMENT FUND ANALYSIS OF ACTUARIAL GAINS AND LOSSES AS OF SEPTEMBER 30, 2002

		Amount
Unfunded Actuarial Liability as of September 30, 2001	\$	43,339,350
Normal Cost for 2002 Plan Year		5,310,261
Contributions Received During the Year		(7,921,786)
Interest to Year End		3,362,687
Expected Unfunded Actuarial Liability as of September 30, 2002		44,090,512
Actuarial (Gains)/Losses During the Year		
From Investments		13,157,042
From Actuarial Liabilities		(12,814,554)
Total Actuarial (Gains)/Losses During the Year		342,488
Actual Unfunded Actuarial Liability as of September 30, 2002	<u>\$</u>	44,433,000

# STATISTICAL SECTION

Statistical Section Revenues by Source Six-Year History

(Amounts in Thousands)

# TEACHERS' RETIREMENT SYSTEM REVENUES BY SOURCE

#### **Employer Contributions**

Fiscal Year	Member tributions §	 Amount	Employer Rate %	Investment Income	Total
2003	\$ 252,018	\$ 235,786	5.02	\$ 2,004,431	\$ 2,492,235
2002	235,726	265,670	5.96	(1,244,757)	(743,361)
2001	230,618	279,880	6.38	(1,090,706)	(580,208)
2000	214,003	277,180	6.38	1,414,568	1,905,751
1999	217,205	166,100	4.03	1,829,883	2,213,188
1998	199,780	358,088	9.66	564,331	1,122,199

# EMPLOYEES' RETIREMENT SYSTEM REVENUES BY SOURCE

### **Employer Contributions**

				Em	ployer Rate %	<b>6</b>	_		
Fiscal	I	Member		State	<u>;</u>		Ir	vestment	
Year	Con	tributions §	Amount	Regular	Law	Local		Income	Total
2003	\$	162,284	\$ 154,218	3.95	9.24	*	\$	938,921	\$ 1,255,423
2002		151,221	123,887	3.95	9.24	*		(656,360)	(381,252)
2001		132,238	122,483	4.08	9.45	*		(530,968)	(276,247)
2000		118,128	113,991	4.08	9.45	*		655,108	887,227
1999		112,779	97,373	3.11	6.85	*		857,378	1,067,530
1998		108,477	157,246	7.56	15.74	*		254,330	520,053

# JUDICIAL RETIREMENT FUND REVENUES BY SOURCE

### **Employer Contributions**

Fiscal	M	Member			Employer		vestment	
Year	Contributions §		Amount		Rate %	]	Income	Total
2003	\$	2,342	\$	8,637	21.19	\$	20,855	\$ 31,834
2002		2,356		8,222	21.19		(23,333)	(12,755)
2001		2,212		7,598	21.19		(24,197)	(14,387)
2000		1,643		5,696	21.19		25,081	32,420
1999		1,594		2,870	9.16		27,800	32,264
1998		1,467		5,417	19.71		17,378	24,262

 $<sup>\</sup>S$  Includes transfers from other systems.

<sup>\*</sup> Local agency rates differ for each participating agency.

Statistical Section Expenses by Type Six-Year History

(Amounts in Thousands)

# TEACHERS' RETIREMENT SYSTEM EXPENSES BY TYPE

_	Fiscal Year	Benefit ayments	Ref	tribution funds & h Benefits	 ervice ansfers	 nistrative penses	_(	Other_	Total
	2003	\$ 932,687	\$	32,084	\$ 2,418	\$ 7,011	\$	367	\$ 974,567
	2002	858,383		35,510	2,091	6,845		391	903,220
	2001	811,896		34,156	1,207	6,023		1,002	854,284
	2000	720,576		33,978	1,534	5,639		165	761,892
	1999	678,740		31,307	1,800	6,563		737	719,147
	1998	576,463		32,636	1,116	7,076		547	617,838

# EMPLOYEES' RETIREMENT SYSTEM EXPENSES BY TYPE

Fiscal Year	Contribution V Benefit Refunds & Payments Death Benefits		 Unit hdrawals & Service 'ransfers	Administrative Expenses		0	ther_	Total	
2003	\$ 423,027	\$	25,056	\$ 2,842	\$	5,843	\$	278	\$ 457,046
2002	389,856		24,965	10,410		5,582		235	431,048
2001	371,715		24,906	4,074		4,578		330	405,603
2000	341,145		24,864	1,985		3,811		367	372,172
1999	330,231		25,291	1,674		4,812		333	362,341
1998	270,469		26,031	1,757		4,855		351	303,463

### JUDICIAL RETIREMENT FUND EXPENSES BY TYPE

Fiscal Year	Year Payments		Contribution Refunds & Death Benefits		Service Transfers		AdministrativeExpenses		Other		Total	
2003	\$	17,964	\$	83	\$	103	\$	322	\$	-	\$	18,472
2002		16,770		29		-		306		-		17,105
2001		15,655		79		163		272		-		16,169
2000		11,256		43		-		263		-		11,562
1999		11,150		101		-		226		-		11,477
1998		10,035		155		145		245		-		10,580

Statistical Section
Benefits by Type
Six-Year History

(Amounts in Thousands)

# TEACHERS' RETIREMENT SYSTEM BENEFITS BY TYPE

Fiscal	Age & Serv	ice Benefits	Disability	<b>Death Benefits &amp; Refunds</b>					
Year	Retirants	Retirants Survivors		Death	Resignation				
2003	\$ 872,992	\$ 27,020	\$ 32,675	\$ 10,035	\$ 22,049				
2002	804,822	24,076	29,485	12,390	23,120				
2001	762,007	22,104	27,785	10,949	23,207				
2000	676,365	19,384	24,827	9,800	24,178				
1999	637,542	18,180	23,018	8,550	22,757				
1998	541,729	15,267	19,467	9,171	23,465				

# EMPLOYEES' RETIREMENT SYSTEM BENEFITS BY TYPE

Fiscal	Age & Serv	vice Benefits	Disability	Death Benefits & Refunds					
Year	Retirants	Survivors	Benefits	Death	Resignation				
2003	\$ 372,512	\$ 21,832	\$ 28,683	\$ 6,554	\$ 18,502				
2002	343,265	20,181	26,410	5,540	19,425				
2001	327,214	19,372	25,129	5,965	18,941				
2000	300,541	17,394	23,210	5,564	19,300				
1999	291,548	16,489	22,194	6,195	19,096				
1998	236,328	14,562	19,579	5,252	20,779				

### JUDICIAL RETIREMENT FUND BENEFITS BY TYPE

Fiscal		Age & Service Benefits				ability	Death Benefits & Refunds					
Year	R	etirants	Survivors		Be	nefits	De	ath	Resignation			
2003	\$	14,823	\$	2,801	\$	340	\$	-	\$	83		
2002		13,655		2,746		369		-		29		
2001		12,711		2,543		401		-		79		
2000		9,061		1,852		343		-		43		
1999		9,110		1,694		346		-		101		
1998		8,194		1,509		332		-		155		

Teachers' Retirement System Retired Members by Type of Benefit as of June 30, 2003

An	10u	nt of	Number of	Type o	f Retirem	ent 1	Option Selected <sup>2</sup>				
Mont	hly	Benefit	Retirants	Α	В	<u>C</u>	Maximum	Opt-1	Opt-2	Opt-3	Opt-4
\$ 1	-	250	1,311	818	333	160	293	415	274	329	-
251	-	500	7,904	6,208	687	1,009	2,397	3,662	910	926	9
501	-	750	5,891	4,781	502	608	1,800	2,685	663	738	5
751	-	1,000	4,663	3,883	308	472	1,360	2,167	530	604	2
1,001	-	1,250	4,351	3,746	214	391	1,211	2,043	538	553	6
1,251	-	1,500	5,459	5,005	157	297	1,320	2,634	792	709	4
1,501	-	1,750	6,547	6,252	106	189	1,330	3,614	792	805	6
1,751	-	2,000	5,669	5,513	72	84	1,066	3,362	555	682	4
2,001	-	2,250	4,190	4,107	43	40	747	2,489	446	500	8
2,251	-	2,500	2,741	2,676	34	31	487	1,583	325	343	3
2,501	-	2,750	1,898	1,856	29	13	333	1,013	274	276	2
2,751	-	3,000	1,355	1,325	25	5	254	659	221	216	5
3,001	-	3,250	1,048	1,037	9	2	163	551	166	166	2
3,251	-	3,500	795	778	14	3	153	414	114	111	3
3,501	-	3,750	609	603	4	2	124	299	91	93	2
3,751	-	4,000	445	439	6	-	60	228	72	81	4
4,001	-	4,250	368	362	6	-	68	178	55	65	2
4,251	-	4,500	253	249	4	-	36	127	45	42	3
4,501	-	4,750	190	188	1	1	28	92	27	43	-
4,751	-	5,000	123	119	2	2	17	58	28	19	1
Over		5,000	457	450	6	1	62	180	95	112	8
Totals <sup>3</sup>		56,267	50,395	2,562	3,310	13,309	28,453	7,013	7,413	79	

### 1 Type of Retirement

A - Service

B - Survivor benefit

C - Disability

<sup>2</sup> Option

Maximum - Life Annuity

Opt-1 - Cash Refund

Opt-2 - 100% Joint Survivorship

Opt-3 - 50% Joint Survivorship Opt-4 - Other

<sup>3</sup> This includes 2,711 DROP participants as of June 30, 2003.

Employees' Retirement System

Retired Members by Type of Benefit as of September 30, 2002

An	ıou	nt of	Number of	Type of	Retirem	ent 1	Option Selected <sup>2</sup>				
Mont	hly	Benefit	Retirants	A	В	C	Maximum	Opt-1	Opt-2	Opt-3	Opt-4
\$ 1	-	250	904	308	567	29	148	90	131	523	12
251	-	500	4,523	2,844	1,222	457	1,148	1,286	909	1,157	23
501	-	750	4,907	3,539	547	821	1,615	1,825	575	845	47
751	-	1,000	4,065	3,135	271	659	1,257	1,739	439	599	31
1,001	-	1,250	3,545	3,020	167	358	987	1,570	397	556	35
1,251	-	1,500	2,638	2,379	98	161	644	1,186	343	441	24
1,501	-	1,750	2,080	1,937	53	90	489	999	208	369	15
1,751	-	2,000	1,537	1,467	28	42	365	758	143	254	17
2,001	-	2,250	1,110	1,067	18	25	245	536	110	207	12
2,251	-	2,500	801	775	11	15	181	360	88	161	11
2,501	-	2,750	593	575	12	6	133	281	58	117	4
2,751	-	3,000	458	448	7	3	105	221	33	92	7
3,001	-	3,250	317	314	1	2	63	165	27	59	3
3,251	-	3,500	231	225	3	3	57	110	12	48	4
3,501	-	3,750	180	179	1	-	42	90	11	35	2
3,751	-	4,000	134	133	1	-	27	61	12	31	3
4,001	-	4,250	108	108	-	-	24	57	4	20	3
4,251	-	4,500	74	73	1	-	22	27	4	21	-
4,501	-	4,750	57	57	-	-	18	24	1	14	-
4,751	-	5,000	39	39	-	-	9	14	3	10	3
Over		5,000	114	113	1		41	43	3	25	2
	T	otals <sup>3</sup>	28,415	22,735	3,009	2,671	7,620	7,620 11,442 3,511 5,5		5,584	258

#### <sup>1</sup> Type of Retirement

A - Service

B - Survivor benefit

C - Disability

#### <sup>2</sup> Option

Maximum - Life Annuity

Opt-1 - Cash Refund

Opt-2 - 100% Joint Survivorship

Opt-3 - 50% Joint Survivorship

Opt-4 - Other

Does not include 38 members entitled to deferred benefits, but not currently in receipt.

<sup>&</sup>lt;sup>3</sup> Includes 342 DROP participants as of September 30, 2002.

Judicial Retirement Fund

Retired Members by Type of Benefit as of September 30, 2002

Opt											
Amount of	f	Number of	Туре	of Retiremen	nt †		Joint				
Monthly Ben	efit	Retirants	A	В	C	Maximum	Survivorship				
\$ 1 -	250	1	_	1	-	-	1				
251 -	500	1	-	1	-	-	1				
501 -	750	9	1	8	-	-	9				
751 - 1	,000	9	-	8	1	1	8				
1,001 - 1	,250	6	1	5	-	1	5				
1,251 - 1	,500	2	-	2	-	-	2				
1,501 - 1	,750	-	-	-	-	-	-				
1,751 - 2	2,000	4	1	2	1	1	3				
2,001 - 2	2,250	6	1	5	-	1	5				
2,251 - 2	2,500	5	1	3	1	2	3				
2,501 - 2	2,750	7	3	3	1	3	4				
2,751 - 3	,000	4	3	1	-	3	1				
3,001 - 3	,250	18	2	16	-	-	18				
3,251 - 3	,500	35	6	29	-	3	32				
3,501 - 3	,750	11	8	1	2	2	9				
3,751 - 4	,000	6	6	_	_	1	5				
	,250	9	6	1	2	4	5				
4,251 - 4	,500	7	3	4	_	-	7				
4,501 - 4	,750	3	1	2	_	-	3				
	,000	4	3	1	_	-	4				
	,000	122	121		1	6	116				
Tota	als	269	167	93	9	28	241				

### † Type of Retirement

A - Service

B - Survivor benefit

C - Disability

Teachers' Retirement System

Six-Year History of Average Monthly Benefit Payments as of June 30

	<b>Years Credited Service</b>										
		10-14		15-19		20-24		25-29		30 & over	
2003											
Average monthly benefit	\$	535	\$	798	\$	1,133	\$	1,905	\$	2,984	
Average final average salary	\$	27,372	\$	28,531	\$	31,559	\$	44,478	\$	56,593	
Number of active retirants		569		424		437		2,420		1,464	
2002											
Average monthly benefit	\$	563	\$	791	\$	1,090	\$	1,795	\$	2,657	
Average final average salary	\$	28,942	\$	28,971	\$	30,725	\$	41,721	\$	50,034	
Number of active retirants		564		416		412		1,973		1,236	
2001											
Average monthly benefit	\$	502	\$	777	\$	1,092	\$	1,788	\$	2,819	
Average final average salary	\$	26,015	\$	27,774	\$	30,013	\$	40,681	\$	50,689	
Number of active retirants		552		386		431		1,455		843	
2000											
Average monthly benefit	\$	465	\$	756	\$	1,036	\$	1,698	\$	2,387	
Average final average salary	\$	24,661	\$	27,450	\$	28,961	\$	39,249	\$	44,226	
Number of active retirants		564		433		452		1,370		814	
1999											
Average monthly benefit	\$	484	\$	726	\$	980	\$	1,723	\$	2,528	
Average final average salary	\$	24,412	\$	24,802	\$	26,105	\$	38,510	\$	44,668	
Number of active retirants		553		381		557		1,427		805	
1998											
Average monthly benefit	\$	414	\$	675	\$	885	\$	1,577	\$	2,255	
Average final average salary	\$	21,919	\$	24,090	\$	24,853	\$	36,538	\$	41,688	
Number of active retirants		468		426		510		1,273		787	

Statistical Section
Employees' Retirement System
Six-Year History of Average Monthly Benefit Payments as of September 30

	Years Credited Service										
		10-14		15-19		20-24	25-29		30 & over		
2002											
Average monthly benefit	\$	1,107	\$	1,023	\$	1,346	\$	1,665	\$	2,725	
Average final average salary	\$	33,936	\$	32,913	\$	36,895	\$	38,739	\$	51,237	
Number of active retirants		511		268		224		626		311	
2001											
Average monthly benefit	\$	979	\$	935	\$	1,224	\$	1,630	\$	2,359	
Average final average salary	\$	32,428	\$	30,796	\$	33,257	\$	37,763	\$	44,275	
Number of active retirants		490		214		192		306		100	
2000											
Average monthly benefit	\$	873	\$	973	\$	1,343	\$	1,636	\$	2,399	
Average final average salary	\$	30,434	\$	30,488	\$	34,121	\$	37,312	\$	44,483	
Number of active retirants		450		241		231		525		110	
1999											
Average monthly benefit	\$	731	\$	899	\$	1,173	\$	1,455	\$	2,249	
Average final average salary	\$	28,201	\$	29,501	\$	29,572	\$	34,234	\$	42,655	
Number of active retirants		362		206		192		287		40	
1998											
Average monthly benefit	\$	799	\$	814	\$	1,140	\$	1,447	\$	2,352	
Average final average salary	\$	28,045	\$	28,400	\$	30,618	\$	33,502	\$	42,894	
Number of active retirants		626		398		417		1,114		561	
1997											
Average monthly benefit	\$	659	\$	866	\$	1,110	\$	1,404	\$	2,175	
Average final average salary	\$	26,217	\$	29,096	\$	29,994	\$	33,224	\$	41,250	
Number of active retirants		381		261		217		324		105	

Judicial Retirement Fund
Six-Year History of Average Monthly Benefit Payments as of September 30

	Years of Credited Service										
		10-14		15-19		20-24	25-29				
2002											
Average monthly benefit	\$	7,840	\$	7,446	\$	8,711	\$	8,430			
Number of active retirants		1		3		1		2			
2001											
Average monthly benefit	\$	6,565	\$	7,751	\$	7,068	\$	11,877			
Number of active retirants		10		5		8		1			
2000											
Average monthly benefit	\$	5,717	\$	-	\$	-	\$	-			
Number of active retirants		1		-		-		-			
1999											
Average monthly benefit	\$	4,144	\$	5,285	\$	6,127	\$	7,809			
Number of active retirants		4		2		6		1			
1998											
Average monthly benefit	\$	-	\$	4,894	\$	4,100	\$	-			
Number of active retirants		-		1		8		-			
1997											
Average monthly benefit	\$	7,231	\$	4,282	\$	5,822	\$	=			
Number of active retirants		2		4		5		-			

Statistical Section

Employees' Retirement System Local Participating Employers

Abbeville Water Works Board

Abbeville, City of Adamsville, City of Addison, Town of

Alabama Elk River Development Agency Alabama Historic Ironworks Commission

Alabama League of Municipalities Alabama Municipal Electric Authority

Alabama Music Hall of Fame Alabama Rural Water Association Alabama Space & Rocket Center Alabama Sports Hall of Fame Board

Alabama Tombigbee Regional Commission

Alabaster Water & Gas Board

Alabaster, City of

Albertville Municipal Utilities Board

Albertville, City of Alexander City, City of Aliceville Housing Authority

Aliceville, City of Altoona, Town of

Andalusia Housing Authority

Andalusia, City of

Andalusia Utilities Board Anniston Housing Authority

Anniston Water Works & Sewer Board

Anniston, City of

Anniston/Calhoun County Public Library

Anniston-Calhoun Co. Ft. McClellan Development

Joint Power Authority Arab Housing Authority Arab Sewer Board

Arab Water Works Board

Arab, Town of Argo, Town of Arley, Town of

Ashland Housing Authority Ashville Water & Gas Board

Ashville, Town of

**Association of County Commissioners** 

Athens, City of

Athens/Limestone County Emergency Management Communication District Athens/Limestone Public Library Authority

Atmore, City of

Atmore Housing Authority Atmore Utilities Board Attalla Water Works Board

Attalla, City of Auburn Extension

Auburn Housing Authority Auburn Water Works Board

Auburn, City of

**Autauga County Commission** 

Autauga County Emergency Management

**Communication District** 

Autauga County Water Authority Autauga/Prattville Public Library B. B. Comer Memorial Library Bakerhill Water Authority

Baldwin County Board of Revenue

**Baldwin County Emergency Communication** 

District

Baldwin County Mental Health Center

Baldwin County Mental Health/Development

Disabilities Board

Baldwin County Soil & Water Conservation

District

Barbour County Commission
Bay Minette Housing Authority

Bay Minette, City of

Bay Minette Utilities Board

Bayou La Batre Water, Sewer and Gas Board

Bayou La Batre, City of

Bear Creek Development Authority

Bear Creek, Town of

Beauregard Water & Fire Protection Authority

Berry, Town of Bessemer, City of

Bibb County Commissioners Court Bibb County Emergency Management

**Commissions District** 

Statistical Section

Employees' Retirement System

**Local Participating Employers** 

Bibb, Pickens & Tuscaloosa County Mental Health-Mental Retardation Board

Billingsley, Town of

Birmingham Racing Commission

Birmingham Regional Planning Commission Black Warrior Solid Waste Disposal Authority

Blount County Communication District Blount County Commissioners Court

Blount Count Water Authority Blountsville Utility Board Blountsville, Town of

Boaz Water & Sewer Commissioners Board

Boaz, City of

Boldo Water & Fire Protection Authority

Branchville, Town of Brantley Housing Authority Brent Housing Authority

Brent, City of

**Brewton Housing Authority** 

Brewton, City of

**Bridgeport Utilities Board** 

Bridgeport, City of Brilliant, Town of Brookwood, Town of Brundidge, City of

Buhl-Elrod-Holman Water Authority Bullock County Commissioners Court Butler County Commissioners Court

**Butler County Emergency Communication** 

District Butler, City of

Cahaba Center for Mental Health

& Mental Retardation

Cahaba Valley Fire & Emergency Medical Rescue District

Calera, City of

Calhoun County 911 District Calhoun County Commission

Calhoun County Water & Fire Protection

Authority

Calhoun/Cleburne Mental Health Board

Calhoun County Community Punishment and

Corrections Authority

Calhoun County Economic Development Council

Camden, City of Camp Hill, City of

Carbon Hill Utilities Board

Carbon Hill, City of

Carl Elliot Regional Library Carroll's Creek Water Authority

Carrollton, Town of Cedar Bluff, Town of Center Point, City of Center Point Fire District Centreville, City of

Central Alabama Aging Consortium Central Alabama Regional Planning &

**Development Commission** 

Central Alabama Youth Services Central Elmore Water Authority Centre Water Works & Sewer Board

Centre, City of

Chambers County Commissioners Court Chambers County Emergency Management

Communications District Chambers County Library Board

Chatom, City of

Cheaha Regional Library

Cheaha Regional Mental Health-Mental

Retardation Board

**Cherokee County Commission** 

Cherokee County Water and Sewer Authority

Cherokee Water Works & Gas Board

Cherokee, Town of

Chickasaw Utilities Board Chickasaw, Town of

Childersburg Water, Sewer & Gas Board

Childersburg, City of

Chilton County Commission

Chilton County Soil & Water Conservation

District

Chilton Water Authority

Chilton/Clanton Public Library
Chilton/Shelby Mental Health Center

Choctaw County Emergency Communications District

Clanton, City of

Clanton Housing Authority

Clanton Water Works & Sewer Board

**Clark County Commission** 

Clarke County Industrial Development Board

Clarke County Soil and Water Conservation District

Clarke/Mobile County Gas District

Clay County Commission

Clay County E-911

Clay County Water Authority Clayton Housing Authority Clayton Water & Sewer Board

Clayton, City of

Cleburne County Commission

Cleveland, Town of

Coffee County Commissioners Court Coffee County Soil & Water Conservation

District

Coffeeville, Town of

Coker Water & Fire Protection Authority

Colbert County Board of Revenue

Colbert County Emergency Management

**Communications District** 

Colbert County Tourism and Convention Bureau

Collinsville Water Works Board

Collinsville, City of Columbia, Town of Columbiana, Town of

Columbiana Water Works Board

Concord Fire District

Conecuh County Board of Directors

Conecuh County Soil and Water Conservation

District

Cook Springs Water Authority Coosa County Commissioners Court

Coosa Valley Youth Services

Coosada, Town of

Cordova Water & Gas Board

Cordova, City of Cottonwood, City of

Courtland, Town of

Covington County Board of Revenue Covington County E-911 Board

Cowarts, Town of

Crems Etowah County Water Authority Crenshaw County Court of Commissioners Crenshaw County Emergency Management

**Communications District** 

Creola, City of

Cross Trails Regional Library

Cuba, Town of

Cullman Area Mental Health Authority
Cullman County Board of Revenue
Cullman County Center for the
Development Disabled

Cullman County E-911

Cullman County Parks & Recreation

Cullman Power Board Cullman, City of

Cullman/Jefferson County Gas District Cumberland Mountain Water & Fire

Protection Authority Curry Water Authority CWM Water Authority

Dadeville Housing Authority

Dadeville Water Supply & Gas Board

Dadeville, City of

Dale County Commissioners Court
Dale County Water Authority
Daleville Housing Authority

Daleville, City of

Dallas County Court of County Revenue

Daphne Utility Board
Daphne, City of

Dauphin Island Park and Beach Board
Dauphin Island Water & Sewer Authority

Dauphin Island, Town of

Decatur, City of Decatur Utilities

Statistical Section

Employees' Retirement System

**Local Participating Employers** 

**DeKalb County Commission** 

DeKalb County Economic Development

Authority

**DeKalb County Emergency Communications** 

District

**DeKalb County Hospital Association** 

DeKalb County Mental Retardation Board

DeKalb County Soil and Water Conservation District

DeKalb/Cherokee County Gas District

**Demopolis Housing Authority** 

Demopolis, City of

Demopolis Water Works and Sewer Board

Dora Gas Board Dora. City of

Dothan/Houston County Mental Retardation

**Board** 

Double Springs Water Works Board

Double Springs, Town of

Douglas Water & Fire Protection Authority

Douglas, Town of Dutton, Town of

East Alabama Mental Health-Mental Retardation

**Board** 

East Alabama Regional Planning & Development

Commission

East Alabama Water, Sewer, & Fire Protection

District

East Brewton Water Works & Sewer Board

East Brewton, City of

East Central Alabama Gas District East Lauderdale County Water & Fire Protection Authority

Eclectic Water Works & Sewer Board

Eclectic, Town of

Elba General Hospital & Nursing Home

Elba Water & Electric Board

Elba, City of Elberta, City of

Elmore County Commissioners Court

**Elmore County Emergency Communications** 

District

Elmore Water Authority

Enterprise, City of

Enterprise Housing Authority
Enterprise Water Works Board
Ernest F. Ladd Memorial Stadium

**Escambia County Commission** 

Escambia County Cooperative Library

System

Etowah County Board of Revenue

Etowah County Communications District Etowah County Community Punishment and

Corrections

Etowah Solid Waste Disposal Authority

**Eufaula Housing Authority** 

Eufaula Water Works & Sewer Board

Eufaula, City of

**Eutaw Medical Clinic Board** 

Eutaw, City of

**Evergreen Housing Authority** 

Evergreen, City of Excel, Town of Fairfield, City of

Fairhope Public Library

Fairhope, City of Falkville, Town of

Fayette County Commission Fayette County E911 District

Fayette Gas Board

Fayette Housing Authority
Fayette Water Works Board

Fayette County Water Coordination &

Fire Protection Authority

Fayette, City of

Fayetteville Water Authority

Flomaton, Town of

Florence Housing Authority

Florence/Lauderdale Tourism Board

Foley Utilities Board

Foley, City of

Forestdale Fire District

Fort Deposit Water Works & Sewer Board

Fort Deposit, Town of

Fort Payne Housing Authority Fort Payne Improvement Authority Fort Payne Water Works Board

Fort Payne, City of

Fosters-Ralph Water Authority Franklin County Commission

Franklin County Soil and Water Conservation Franklin County Water Service Authority

Fultondale, Town of Fyffe, Town of

Gadsden Water & Sewer Board

Gadsden, City of Garden City, Town of Gardendale, City of

Geneva County Court of Commissioners

Geneva County E-911 Board, Inc. Geneva Water Works & Sewer Board

Geneva, City of

Gilberttown Utilities Board Gilberttown, Town of Glencoe, City of Goodwater, City of

Gordo, City of

Grant Water Works Board

Grant, Town of

Graysville Public Library Graysville, City of

Greater Etowah Mental Retardation 310 Board Greater Mobile/Washington County Mental

Health-Mental Retardation Board

Greene County Ambulance Service

**Greene County Commission** 

Greene County Economic & Industrial

Development Board Greene County Hospital

Greene County Housing Authority
Greene County Racing Commission

Greenhill Water & Fire Protection Authority

**Greensboro Housing Authority** 

Greensboro, City of

Greenville Water Works & Sewer Board

Greenville, City of Grove Hill, City of Guin, City of

Guin Housing Authority Guin Water & Sewer Board Guntersville Electric Board

Guntersville Water & Sewer Board

Guntersville, City of Gurley, Town of Hackleburg, Town of Hackleburg Water Board

Hackneyville Water & Fire Protection

Authority

Hale County Commission

Hale County Soil and Water Conservation

District

Hale County Emergency Medical Service

Haleyville, City of Hamilton, City of

**Hamilton Housing Authority** 

Hanceville, City of

Hanceville Waterworks & Sewer Board

Harpersville, Town of Hartford, City of

Hartford Housing Authority Hartselle Utilities Board

Hartselle, City of

Harvest-Monrovia Water & Fire Protection

Authority

Hayneville, City of

**Headland Housing Authority** 

Headland, City of Heflin, City of

Heflin Water Works & Sewer Board Helen Keller Memorial Hospital

Helena Utilities Board

Helena, City of

Henry County Commissioners Court Henry County Soil & Water Conservation

District

Henry County Water Authority

Statistical Section

Employees' Retirement System Local Participating Employers

**Highland Water Authority** 

Hillsboro, Town of

Historic Blakeley Authority

Historic Chattahoochee Commission

Hodges, Town of

Hokes Bluff Sewer Board

Hokes Bluff Water Works Board

Hokes Bluff, Town of Holly Pond, Town of Hollywood, Town of Homewood, City of Hoover, City of

Horseshoe Bend Regional Library Houston County Board of Revenue

and Control

Houston County Soil Conservation District

Houston County Water Authority Houston/Love Memorial Library

Hueytown, City of

Huntsville Electric System Huntsville Gas System

Huntsville Solid Waste Disposal Authority

Huntsville Water System Huntsville, City of

Huntsville/Madison County Airport

Authority

Huntsville/Madison County Convention & Visitor's

Bureau

Huntsville/Madison County Marina & Port

Authority

Huntsville/Madison County Mental Health

**Board** 

Huntsville/Madison County Railroad Authority

**Indian Pines Recreation Authority** 

Industrial Development Authority of Chambers

County

International Motorsports Hall of Fame

Irondale, City of

**Jackson County Commission** 

Jackson County Economic Development

Authority

Jackson County Emergency Management

**Communications District** 

Jackson County Soil & Water Conservation

District

Jackson, City of

Jackson County Water Authority

Jackson's Gap Water Authority

Jackson's Gap, Town of

Jacksonville Housing Authority

Jacksonville Water Works, Gas & Sewer

Jacksonville, City of

Jasper Water Works & Sewer Board

Jasper, City of

Jefferson County Department of Health

Jefferson/Blount/St. Clair Mental Health

Authority Jemison, Town of

John Paul Jones Hospital

Killen, City of Kinsey, Town of Lafayette, City of

Lamar County Commission Lamar County Gas District

Lamar County Water & Fire Protection

Authority Lanett, City of

Lauderdale County Commission

Lauderdale County Community Corrections

& Punishment Authority

Lauderdale County Regional Library System

**Lawrence County Commission** 

Lawrence/Colbert County Gas District Lawrence/Cullman/Morgan Regional

Housing Authority

Lee County Commissioners Court

Lee County Emergency Communications

District

Lee/Russell Council of Governments

Leeds Housing Authority

Leeds, City of

Leeds Water Works Board

Leesburg, Town of Lexington, Town of

Limestone County Board of Revenue

Limestone County Water Authority

Lincoln, City of Linden, City of

Lineville Housing Authority Lineville Water & Sewer Board

Lineville, City of

Livingston Housing Authority

Livingston, City of

Loachapoka Water Authority

Locust Fork, Town of

Lowndes County Board of Revenue

Loxley, City of

Luverne Housing Authority

Luverne, City of

**Macon County Commission** 

Macon County Racing Commission
Madison County Commissioners Court
Madison County Communications District
Madison County Mental Retardation Board

Madison, City of Malvern, Town of

Maplesville Water & Gas Board

Madison Water & Wastewater Board

Maplesville, City of

Marengo County Commission Marengo County Emergency Communications District

Marengo County Nursing Home Marion County Board of Revenue Marion County Public Water Authority

Marion Housing Authority

Marion, City of

Marshall County Commission on Government and Finance

Marshall County Emergency Telephone

Service Board

Marshall County Gas District

Marshall County Soil & Water Conservation District

Marshall-Jackson Mental Retardation Authority

Mental Health Dev Disabilities Board

Middle Alabama Area Agency on Aging

Midfield Library Board

Midfield, City of

Mildred B. Harrison Library

Millbrook, City of

Millport Housing Authority

Millport, Town of

Mobile Airport Authority

Mobile County Commission

Mobile County Communications District

Mobile County Emergency Management Agency

Mobile County Health Department Mobile County Housing Authority

Mobile County Law Enforcement & Firefighters

Pension Fund

Mobile County Personnel Board Mobile County Racing Commission

Mobile County Water, Sewer & Fire Protection

Authority

Mobile Public Library Mobile Transit Authority Mobile Water Service System

Mobile, City of

Monroe County Commission Monroeville Housing Authority Monroeville Water Board Monroeville, City of Montevallo, City of

Montgomery Area Mental Health Authority

Montgomery County Soil & Water

**Conservation District** 

Moody, City of

Morgan County Commission

Morgan County Emergency Management

**Communication District** 

Morgan County Soil & Water Conservation District

Moulton Housing Authority

Moulton, City of Moundville, City of

Mount High-Rock Springs Water Authority

Mountain Brook Library Board

Statistical Section

Employees' Retirement System Local Participating Employers

Mountain Brook Park & Recreation Board

Mountain Brook, City of Mt. Vernon, Town of Munford, Town of

Muscle Shoals Electric Board Muscle Shoals Utilities Board

Muscle Shoals, City of Myrtlewood, Town of Nectar, Town of New Hope, Town of

New London Water, Sewer & Fire

Protection Authority New Site, Town of

North Alabama Gas District

North Central Alabama Mental Health

Center

North Central Alabama Mental Retardation

Authority

North Central Alabama Regional Council

of Governments

North Dallas County Water Authority North Jackson County Water & Fire

**Protection Authority** 

North Shelby County Library

Northeast Alabama Mental Retardation-Development Disability Authority

Northeast Alabama Water, Sewer & Fire

**Protection District** 

Northeast Morgan County Water Authority

Northport Housing Authority

Northport, City of

Northwest Alabama Council of Local

Governments

Northwest Alabama Mental Health Center Northwest Alabama Regional Airport

Northwest Blount County Water & Fire

Protection Authority
Northwest Regional Library

Notasulga, Town of Oak Grove, Town of Oakman Waterworks Oakman, Town of

Odenville Utilities Board

Odenville, Town of

Ohatchee, Town of Oneonta Utilities

Oneonta, City of

Opelika Housing Authority Opelika Utilities Board

Opelika, City of
Opp Utilities Board

Opp, City of

Orange Beach Water, Sewer & Fire Protection

Authority

Orange Beach, Town of

Oxford, City of
Ozark Utilities Board
Ozark, City of
Ozark/Dale E-911
Pelham, City of

Pell City Housing Authority

Pell City, City of Pennington, City of Pennington Utilities Board

Perry County Commissioners Court

Phenix City Utilities Phenix City, City of

Phil Campbell Water Works Board

Phil Campbell, Town of Pickens County Commission

Pickens County Cooperative Library

Pickens County E-911 Board
Pickens County Water Authority
Piedmont Housing Authority

Piedmont Water, Gas & Sewer Board

Piedmont, City of

Pike County Commissioners Court
Pike County Communications District
Pike County Soil & Water Conservation

District

Pike County Water Authority
Pine Bluff Water Authority

Pine Hill, Town of

Pine Level Water & Fire Protection

Authority Pisgah, Town of

Pleasant Grove, City of Prattville Housing Authority

Prattville Water Works Board

Prattville, City of Priceville, Town of

**Prichard Housing Authority** 

Quint-Mar Water & Fire Protection

Authority Ragland, Town of

Ragland Water Works Board

Rainbow City Gas, Water & Sewer Board

Rainbow City, City of Rainsville, City of

Randolph County Commissioners Court

Red Bay Housing Authority Red Bay Water & Gas Board

Red Bay, City of Red Level, Town of Reform Housing Authority

Reform, City of Rehobeth, City of

Remlap/Pine Mountain Water Authority Riverbend Center for Mental Health

Riverside, Town of Roanoke Utilities Board Roanoke, City of Robertsdale, City of

Rocky Ridge Fire District

Rogersville Water Works & Sewer Board

Rogersville, Town of

Russell County Commissioners Court

Russell County Emergency Communications

District

Russell County Soil & Water Conservation

District

Russell County Utilities Board Russellville Electric Board Russellville Gas Board

Russellville Water Works Board

Russellville, City of Rutledge, Town of

Sand Mountain Water Authority Sand Springs Water Authority

Saraland Water Service Saraland, City of

Sardis City Water Board Sardis City, City of

Satsuma Water Works Board

Satsuma, City of

Scottsboro Electric Power Board

Scottsboro Public Library

Scottsboro Public Park & Recreation Board Scottsboro Water Works, Sewer & Gas Board

Scottsboro, City of

Section Water Works Board Selma Housing Authority

Selma Water Works & Sewer Board

Selma, City of

Sheffield Power, Water & Gas Department

Sheffield, City of

Shelby County Board of Revenue

Shelby County Soil Conservation District Shelby County Work Release Commission

Shoals Committee on Programs &

Employment for the Mentally Retarded Shoals Economic Development Authority Shoals Solid Waste Disposal Authority

Shorter, Town of Silas, Town of Silverhill, Town of Sipsey, Town of Slocumb, Town of

Slocumb Waterworks and Sewer Board

Snead, Town of Somerville, Town of

South Alabama Regional Planning Commission South Central Alabama Development Authority

South Central Mental Health Center South Crenshaw County Water Authority

Statistical Section

Employees' Retirement System

**Local Participating Employers** 

Southeast Alabama Regional Planning &

**Development Commission** 

Southeast Alabama Solid Waste Disposal

Authority

Southern Alabama Regional Council on Aging

Southside Water & Sewer Board

Southside, City of

Southwest Alabama Water Authority

Spanish Fort, City of

Spectracare

Springville, Town of

St. Clair County Commissioners Court

St. Clair County Industrial Development

Board

St. Clair County Library

St. Clair County Soil & Water Conservation

District

St. Florian, Town of

Star-Mindingall Water & Fire Prot Auth

Steele, Town of

Stevenson Housing Authority

Stevenson Utilities Board

Stevenson, City of

Stewartville Water Authority

Sulligent, City of

Sulligent Housing Authority

Sumiton Water Works Board

Sumiton, City of

Summerdale, Town of

**Sumter County Board of Commissioners** 

Sumter County Industrial Development

Authority

Sumter County Soil & Water Cons District

Sumter County Water Authority

Sylacauga Parks & Recreation Board

Sylacauga Utilities Board

Sylacauga, City of

Talladega County Board of Revenue

Talladega County Emergency Management

**Communications District** 

Talladega County Soil & Water Conservation

District

Talladega Water & Sewer Board

Talladega, City of

Tallapoosa County Court of Commissioners

Tallapoosa County Emergency Management

Communications District

Tallassee, City of

Tarrant City Electric System

Tarrant City, City of

**Tarrant Housing Authority** 

Taylor, Town of

Tennessee Valley Exhibit Commission

Thomaston, Town of

Thomasville, City of

Thorsby, Town of

Top of Alabama Regional Council of

Governments

Town Creek, Town of

Triana, City of

Tri-County Mental Retardation-Development

Disability Board Trinity, Town of

Troy, City of

Trussville Utilities Board

Trussville, City of

Turnerville Water and Fire Protection District

Tuscaloosa, City of

Tuscaloosa County Board of Revenue Tuscaloosa County Industrial Dev Auth Tuscaloosa County Park and Recreation

**Board** 

Tuscaloosa County Parking & Transit

Authority

Tuscaloosa County Public Defenders Office

Tuscaloosa County Soil & Water

**Conservation District** 

Tuscaloosa County Special Tax Board

Tuscaloosa Public Library

Tuscumbia, City of

Tuskegee, City of Tuskegee Utilities

Union Grove Utilities Board

Union Springs Utilities Board

Union Springs, City of

Uniontown Housing Authority

Uniontown Utilities Board

Uniontown, City of

USS Alabama Battleship Commission

Valley Head, Town of

Valley Head Water Works Board

Valley Housing Authority

Valley Water Authority

Valley, City of

Vance, Town of

Vernon Housing Authority

Vernon, City of

Vestavia Hills, City of

Vincent, City of

Von Braun Civic Center

Walker County Commission

Walker County E911 District

Walker County Housing Authority

Walker County Mental Retardation Board

Walker County Soil & Water Conservation

District

Wall Street Water Authority

Walnut Hill Water Authority

Warrior River Water & Fire Protection

Authority

Warrior, City of

Washington County Commissioners Court

Washington County Soil & Water Conservation

District

Weaver, City of

Webb, Town of

Wedowee, City of

West Alabama Planning & Development

Commission

West Etowah County Water Authority

West Jefferson, Town of

West Lauderdale County Water & Fire

**Protection Authority** 

West Morgan/East Lawrence Water Authority

Westover Water & Fire Protection Authority

Wetumpka, City of

Wetumpka Water & Sewer Board

Wilcox County Commission

Wilcox County Gas District

Wilsonville, Town of

Winfield Water Works Board

Winfield, City of

Winston County Commission

Winston County E-911 Communications District

Winston County Soil and Water Conservation

District

Woodstock, Town of

York Housing Authority

York, City of

