## Delaware Public Employees' Retirement System

- a component unit of the State of Delaware

### 33<sup>rd</sup> Comprehensive Annual Financial Report

Presented by the Board of Pension Trustees For the Fiscal Year Ended June 30, 2004

State Employees' Pension Plan
Special Pension Plan
New State Police Pension Plan
Judiciary Pension Plans
County & Municipal Police and Firefighters' Plans
County & Municipal Other Employees' Pension Plan
Volunteer Firemen's Pension Plan
Diamond State Port Corporation Pension Plan
County & Municipal Police and Firefighters' COLA Fund
Post-Retirement Increase Fund
Post-Retirement Health Insurance Premium Fund
Delaware Local Government Retirement Investment Pool
Closed State Police Pension Plan

This Comprehensive Annual Financial Report has been Prepared by the Office of Pensions

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## Table of Contents

Certificate of Achievement for Excellence in Financial Reporting  Letter of Transmittal  PPCC Public Pension Standards Award  Board of Trustees and List of Consultants  Organizational Chart  Highlights of Board Activities  2004 Legislation Affecting Pensions	
Financial Section	
Auditor's Opinion	
Management's Discussion and Analysis	
Basic Financial Statements: Statement of Plan Net Assets	24
Statement of Changes in Plan Net Assets	
Notes to Financial Statements (an integral part of the Basic Financial Statements)	
Required Supplementary Information:	
Schedule 1 - Funding Progress	
Schedule 2 - Employer Contributions	
Schedule 3 - Notes to Trend Data	
Supporting Schedules: Schedule 4 - Administrative Expenses	11
Schedule 5 - Investment Expenses	
Schedules for Delaware Local Government Investment Pool	
Investment Section  Letter from Investment Committee Chair	51
Investment Activity	
Investment Results	
Asset Allocation	
Investment Managers	
Chart I - Calculated Returns	
Chart II - Investment Performance Summary	
Chart III & IV - Five and Ten Year System Performance	
Glossary	
List of Largest Assets Held	
Schedule of Broker Commissions	
Actuarial Section	
Actuary's Opinion	
Mortality Tables	
Summary of Plan Provisions and Changes in Plan Provisions	
Schedule of Active Member Valuation Data	70
Schedule of Retirees and Beneficiaries Added/Deleted from Rolls	
Solvency Test	
Analysis of Financial Experience	
Statistical Section	
Schedule of Additions by Source	
Schedule of Deductions by Type	
Schedule of Benefit Deductions by Type	
Schedule of Average Benefit Payment Amounts	
Schedule of Participating Employers	
Schedule of Fatticipating Employers	

# **Introductory Section**

# Certificate of Achievement for Excellence in Financial Reporting

Presented to

# Delaware Public Employees' Retirement System

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended
June 30, 2003

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



President

**Executive Director** 



#### STATE OF DELAWARE STATE BOARD OF PENSION TRUSTEES AND

#### OFFICE OF PENSIONS

McArdle Building, Suite #1 860 Silver Lake Blvd. Dover, DE 19904-2402

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October 1, 2004

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly

Dear Governor and Members of the General Assembly:

The Board of Pension Trustees for the Delaware Public Employees' Retirement System (System) is proud to present its 33rd Comprehensive Annual Financial Report for the Fiscal Year ended June 30, 2004.

This report provides information on nine retirement plans [State Employees', Special, New State Police, Judiciary, County & Municipal Police and Firefighters', County & Municipal Other Employees', Volunteer Firemen's, Diamond State Port Corporation, and Closed State Police] plus four commingled pension funds [County & Municipal Police and Firefighters' COLA (COLA Fund), Post-Retirement Increase (PRI), Delaware Local Government Retirement Investment Pool (DELRIP), and State Employees' Post-Retirement Health Insurance Premium]. Responsibility for both the accuracy of the data and the completeness and fairness of presentation rests with the State Board of Pension Trustees (Board). To the best of our knowledge and belief, the enclosed data are accurate in all material respects and present fairly the System's financial position and operational results for the Fiscal Year ended June 30, 2004.

The 2004 Financial Report is presented in five sections:

- Introductory Section -- contains this transmittal letter, organization charts, Board and Legislative highlights.
- Financial Section -- provides the independent auditors' opinion, management's discussion and analysis, the System's financial statements, required supplementary information, and supporting schedules with additional information about the System's financial position at the Plan level.

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly Page 2 October 1, 2004

- Investment Section -- details total System performance, investment policy, and investment activities.
- Actuarial Section -- outlines the actuarial assumptions and describes the funding basis, contributions, and funded ratios of each Plan.
- Statistical Section -- includes tables and graphs about each Plan's membership.

(A detailed Table of Contents may be found on page 2.)

The System was established on June 11, 1970, with the incorporation of the State Employees', Judiciary, Closed State Police, and Retired & Disabled Teachers Pension Plans. The State Employees' and the Judiciary Plans were changed to actuarial reserve funding shortly thereafter. The Closed State Police Pension Plan remains a pay-as-you-go plan. Fiscal Year 1994 was the last year the Retired & Disabled Teachers' Pension Plan had members entitled to benefits.

When calendar year 1971 ended, the four pension plans totaled \$14.7 million in assets with 2,766 pensioners. The State's contribution was 13.1% of payroll. At the end of Fiscal Year 2004, pensioners numbered 19,540; monies from nine plans, three post-retirement trusts and one investment pool were commingled in a total System of \$5.5 billion. The State's contribution rate for the State Employees' Pension Plan for Fiscal Year 2004 was 4.2% of payroll. Employer rates in the other plans that we administer range from 3.78% to 16.8% of covered payroll. Benefit coverage varies by plan as shown on pages 29-32. In the major plans, benefit coverage has been regularly improved to maintain a very competitive position versus similar plans in other states, especially considering post-retirement health and spousal benefits. The majority of beneficiaries' pension benefits are fully funded. The funding status of each plan is detailed on pages 38-39.

#### **Major Accomplishments**

Disability Pension Review - The disability pension review, which began in Fiscal Year 2003, has been refined into a plan to implement a new disability pension program for the State Employees' Pension Plan. Since the new program requires legislative action, the target date for implementation has been moved to Fiscal Year 2006.

Local Government Participation - Membership in the County & Municipal plans continues to grow. New members include the Towns of Clayton and Newport.

Improved Pension Benefits - Legislation granting a post-retirement increase to retired members of the State Employees', Special, New State Police, Judiciary, and the County & Municipal Police and Firefighter's Pension Plans was granted during Fiscal Year 2004. Effective July 1, 2004, this increase applies to all members with an effective date prior to May 31, 2004. The Delaware State Legislature has granted 10 post-retirement increases over the last 11 years.

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly Page 3
October 1, 2004

House Bill 462 was also passed during the Fiscal Year 2004 legislative session. This bill allows members of the New State Police Pension Plan to retire at age 55 with 10 years of service.

- Due Diligence During Fiscal Year 2004, our custodian bank, Mercantile Safe-Deposit & Trust Co, conducted a Request for Proposal for sub-custodian bank services. As a result of that process, Bank of New York has been selected as our sub-custodian bank for international accounts at a significant reduction in cost to the Fund. This transition will occur during Fiscal Year 2005.
- Governance Issues The Audit Committee reviewed the Sarbanes-Oxley Act and discussed how portions of this legislation can be applied to State Government. In addition, the Board with the help of its legal counsel, has undertaken an extensive review of Board/Committee member attendance policies, ethics policies, delegation of authority to subcommittees, size of existing committees, Board/Committee member payment policies, frequency/procedure to re-evaluate actuary and investment advisor contracts, and recruitment process for new Board/Committee members.
- Technology Improvements Furthering the commitment to remain at the forefront of technology, the Office of Pensions embarked on an upgrade to PeopleSoft version 8.8 that was successfully completed in December 2003. This upgrade will enable more web functionality for the membership. In an effort to ensure business continuity for the pension system, the Pension Office has established a "hot site" at another State facility outside of Dover.
- GFOA Certificate of Achievement The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Delaware Public Employees' Retirement System for its comprehensive annual financial report (CAFR) for the Fiscal Year ended June 30, 2003. In order to be awarded a Certificate of Achievement, a government unit must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

A Certificate of Achievement is valid for a period of one year only. This is the eighth consecutive year that DPERS has received a Certificate of Achievement. We believe that our current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements, and we are submitting it to the GFOA to determine its eligibility for another certificate.

Public Pension Coordinating Council Award - Delaware Public Employees' Retirement System received its first Public Pension Coordinating Council (PPCC) Award for 2003. The PPCC is a coalition of National Association of State Retirement Administrators (NASRA), National Council on Teacher Retirement (NCTR), and National Conference on Public Employee Retirement Systems (NCPERS). The major PPCC goal is to promote excellence in plan design and administration among state and local public retirement systems. The Public Pension Standards are intended to reflect minimum expectations for

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly Page 4
October 1, 2004

public retirement system management and administration and serve as a benchmark by which all defined benefit public plans should be measured. Public Pension Standards include: Comprehensive benefit programs, funding adequacy, receipt of GFOA award in current year, independent actuarial valuation, independent audit review resulting in an unqualified opinion from the auditor, independent investment performance evaluation, adoption of written fiduciary standards by Board and Investment Committee, and communications with membership.

#### **Investments and Economic Climate**

The System's investments had a 15.9% return in Fiscal Year 2004. The System's annualized total returns for the last five, ten and fifteen years are 4.4%, 10.6% and 10.1%, respectively. Relative to other public pension funds, the ranking of the System's performance is above median for the latest fiscal year, in the top 25% over the last five years, and in the top 10% over the last ten years.

System investments are managed to control the downside risk to which assets are exposed while maximizing long-term gain potential. This strategy positions the System to limit the impact of adverse market conditions. The investment climate during the latest fiscal year improved substantially over the prior three years. The fiscal year return of the S&P 500 was 19.1%, as corporate earnings and prospects benefited from the recovering economy. Contrasting the gain in stocks, the Lehman Aggregate bond index was up only 0.3%, as coupon income was almost entirely offset by bond price declines caused by signs of economic growth and potential inflation. Investment strategy continues to reflect return expectations that are significantly below those achieved during the 1990's. In light of the System's focus on risk control and diversification, the latest fiscal year return of 15.9% is a positive achievement. For a further discussion of portfolio diversification and investment strategy, see the Investment Section beginning on page 49 of this report.

The System's investment activity is governed by the "prudent person rule," a fiduciary standard, which applies to anyone with System authority. Fiduciaries must discharge their duties solely in the interest of System participants and beneficiaries and with the degree of diligence, care, and skill which prudent men and women would ordinarily exercise under similar circumstances.

The Board has established the investment policy shown on page 53. Investment constraints are outlined, including the appropriate degree of risk. Investment managers are hired to execute the investment policy. They have full discretion for investment decisions within statutory authority, Board policy, and their respective guidelines. A list of the investment managers under contract with the System as of June 30, 2004, may be found on page 57 of this report. A summary of the total System's asset allocation can be found on page 56.

#### **Funding Status**

A pension plan is well funded when it has sufficient assets invested to meet all expected future obligations to participants. The greater the level of funding, the larger the ratio of assets to actuarial accrued liability. It

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly Page 5 October 1, 2004

should be noted that five of the plans included in the System continue to be fully funded - this is quite an accomplishment given the recent economic conditions and market climate. Three of the remaining plans are not totally funded, but annual contributions are being made at the actuarially determined rates to reach full funding. The Closed State Police Pension Plan remains a pay-as-you-go plan. The Notes to Trend Data Schedule presented on page 42 provides detailed information on each plan's remaining amortization period. The actuarial method for calculating accrued liability for all plans is Entry Age Normal with the objective of maintaining employer contributions approximately level as a percent of member payroll. A detailed discussion of funding method is provided in the Actuarial Section of this report on page 68.

#### **Internal Control**

System internal accounting controls are designed to provide reasonable assurance regarding the safekeeping of assets and the reliability of financial reporting. Control procedures and responsibilities are well documented both in writing and with graphic flowcharts. These are reviewed and updated annually.

The Audit Committee, a committee appointed by the Board, monitors operations and controls throughout the year. Both the Delaware Auditor of Accounts and an independent auditing firm audit the System's basic financial statements annually. Siegfried & Schieffer, LLC, a subsidiary of The Siegfried Group, LLP, was the independent auditing firm for the Fiscal Year 2004 audit.

#### **Professional Services**

Professional consultants are appointed by the Board to perform services essential to the effective and efficient operation of the System. Since 1990, Ernst & Young LLP had been retained as the System's independent auditor. Due to last minute contract issues, Ernst & Young LLP was replaced by Siegfried & Schieffer, LLC, a subsidiary of The Siegfried Group, LLP, as the independent auditor for Fiscal Year 2004. Over the past three years, Ernst & Young LLP had sub-contracted a portion of the System's audit to The Siegfried Group, LLP. A joint opinion on the System's basic financial statements from the independent auditors, Siegfried & Schieffer, LLC, and the State Auditor, as well as an opinion from the actuary, Milliman USA, are included in this report. Ashford Capital Management, Inc., serves as the investment advisor.

#### Acknowledgments

The preparation of this report reflects the combined efforts of the System staff under the direction of the Board. Specific sections and overall editing include contributions from various Board committees and professional consultants.

Ralph J. Adkins resigned as Board Chair and Investment Committee member in January 2004. Mr. Adkins brought extensive management experience to the Board. His quiet but effective leadership style steered a

The Honorable Ruth Ann Minner and Members of the 142nd General Assembly Page 6 October 1, 2004

comprehensive review of disability pension provisions. As the Investment Committee explored alternative investments, Mr. Adkins' knowledge of natural resource markets advanced asset allocation discussions. The Board and Investment Committee will miss his knowledge and leadership and appreciate the time and talent shared during his tenure.

Herbert J. Nehrling, Jr., resigned effective December 31, 2003, after thirteen years as an Investment Committee member. Mr. Nehrling was a dedicated and reliable member of the Investment Committee who was well prepared and insightful. The Committee was particularly well served by his thoughtful comments on international investments based on his overseas business experience and his generous commitment of time and effort in the private programs area.

Dr. John B. Kramer resigned from the Medical Committee effective December 31, 2003 after two years of service. Dr. Kramer's advice and abilities were invaluable to the Committee. He was always willing to give freely of his time to help revise medical forms and any other task that was needed. He was very thorough in his approach as to how cases should be reviewed and was always frank in his opinions. We will miss his smile and his good sense of humor.

The Board thanks the many people who work so diligently to assure the successful operation and financial soundness of the Delaware Public Employees' Retirement System. These include the Pension Office staff; the State Personnel Director who provides administrative supervision to the Pension Office; other State support personnel; professional consultants; members of the Investment, Medical, and Audit Committees; and the Pension Advisory Council.

Respectfully submitted,

Philip S. Reese, Chair

Board of Pension Trustees



# Public Pension Coordinating Council Public Pension Standards 2003 Award

Presented to

#### **Delaware Public Employees Retirement Systems**

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

Presented by the Public Pension Coordinating Council, a confederation of

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

> Alan H. Winkle Program Administrator

alan Helinble

#### BOARD OF PENSION TRUSTEES, BOARD COMMITTEES, & PROFESSIONAL CONSULTANTS

#### Board of Pension Trustees

Philip S. Reese, Chair

Former Vice President Corporate Development and Treasurer

Conectiv

Robert W. Allen

President

Allen Petroleum

Jan M. King

Former Vice President and Treasurer

Hercules, Inc.

Nancy J. Shevock

Former Director

**Delaware Transit Corporation** 

Helen R. Foster, J.D.

President

CTW & Consulting Associates, LLC

#### Ex-Officio Board Members

David W. Singleton

State Secretary of Finance

Lisa Blunt-Bradley

State Personnel Director

Executive Secretary to the Board

and Pension Administrator

David C. Craik

Legal Counsel

Marsha Kramarck, Esq.

Deputy Attorney General

**Investment Committee** 

Elva B. Ferrari, Chair

Jan M. King

Philip S. Reese

A. Dale Stratton

#### Audit Committee

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Robert W. Allen

William Markell, Ed.D.

Harold D. Smith, II

#### Medical Committee

William D. Shellenberger, M.D., Chair

Vincent DelDuca, Jr., M.D.

Robert W. Frelick, M.D.

Albert Gelb, M.D.

Charles S. Riegel, M.D.

Phyllis M. Smoyer, M.D.

Ignatius J. Tikellis, M.D.

Charles O. Webber, M.D.

Thomas F. Weir, M.D.

#### Pension Advisory Council

James B. Testerman, Chair

Member, Delaware State Education Assoc.

#### Consulting Actuary

Milliman USA

#### Investment Advisor

Ashford Capital Management, Inc.

#### **Auditors**

State Auditor of Accounts

Siegfried & Schieffer, LLC, a subsidiary of

The Siegfried Group, LLP

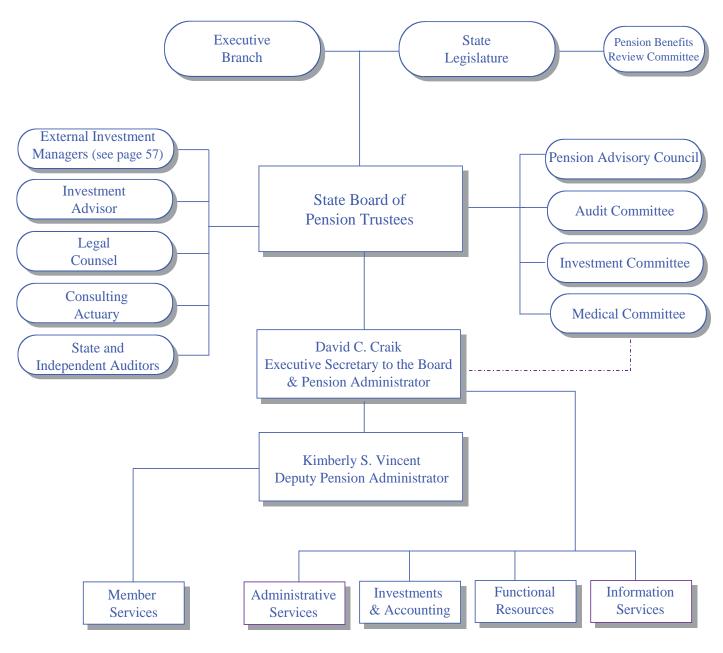
#### Custodial Bank

Mercantile-Safe Deposit & Trust Co.

#### Sub-Custodial Bank

State Street Bank & Trust Co.

#### **ORGANIZATION CHART**



#### MANAGEMENT TEAM

Member Services:vacant, Human Resource ManagerAdministrative Services:Christy L. Ulmer, Office Manager

Investments & Accounting: Alice L. Simon, Pension Financial Manager
Functional Resources: W. Ray Johnson, Human Resource Manager

**Information Services:** John T. McCartney, SPO Information Systems Manager

#### HIGHLIGHTS OF BOARD ACTIVITIES

The Board of Pension Trustees (Board) -- comprised of five members appointed by the Governor and confirmed by the Senate, and two ex-officio members -- is responsible for the general administration of these pension plans:

- State Employees' Pension Plan.
- Special Pension Plan.
- New State Police Pension Plan.
- Judiciary Pension Plans (Closed and Revised).
- County & Municipal Police and Firefighters' Pension Plans.
- County & Municipal Other Employees' Pension Plan.
- Volunteer Firemen's Pension Plan.
- Diamond State Port Corporation Pension Plan.
- Closed State Police Pension Plan.

In addition to its general administrative responsibilities, the Board is responsible for these specific functions:

- Maintain and oversee the investment of the Delaware Public Employees' Retirement System (System).
- Appoint an independent actuary to perform annual actuarial valuations used as the basis for contributions to the System.
- Control and manage State pension payments.
- Hear appeals from State Pension Office decisions regarding eligibility for pension benefits.
- Adopt rules and regulations for the general administration of State pension plans.
- Prepare and publish an annual report to the Governor and General Assembly.
- Execute contracts with State agencies and others for assistance in pension plan administration and pension investment.
- Determine interest rates to be credited to members' contributions and rates to be charged on repayment of contributions previously withdrawn.

The day-to-day administration of these pension plans is performed by the State Pension Office, which also determines the eligibility of individual employees for pension benefits. The Pension Administrator reports to the State Personnel Director and also serves as Executive Secretary to the Board.

The Medical Committee of the Board is now comprised of nine medical doctors, all in private practice. It evaluates and makes recommendations concerning the medical condition of applicants for and recipients of disability pensions. The Medical Committee meets each month prior to the regular monthly meeting of the Board.

The four-person Audit Committee of the Board monitors operations and internal controls throughout the year to identify issues requiring Board and Pension Office action. They are responsible for interfacing with the Delaware Auditor of Accounts and the independent auditing firm to assure System compliance with generally accepted accounting practices and procedures.

#### HIGHLIGHTS OF BOARD ACTIVITIES (continued)

The Board retains the firm of Milliman USA to provide professional actuarial and consulting services. Such services include the preparation of comprehensive actuarial valuations and reports, analysis of the costs and other aspects of proposed changes in pension provisions, general consulting advice, and background information on other public pension plans.

The Department of Justice assigns a Deputy Attorney General to serve as legal advisor to the Board. The Deputy deals with legal questions involving interpretations and administration of pension laws, advises the Board in connection with appeals hearings, works with the Board on drafting legislation and regulations, and negotiates contracts.

The following retirement funds have been established under the custody of the Board for investment purposes only:

- County & Municipal Police and Firefighters' COLA Fund.
- Post-Retirement Increase Fund.
- Delaware Local Government Retirement Investment Pool.
- Post-Retirement Health Insurance Premium Fund.

The Investment Committee of the Board is currently comprised of four members. This Committee operates within the investment objectives established by the Board. The Committee establishes policies to meet these objectives and monitors these policies with the assistance of the Investment Advisor. The Committee also reviews prospective risk levels and rates of return of all classes of assets. Hence, the Committee assures investment diversification by selecting managers whose demonstrated performance reflects different management styles and asset class expertise. Most importantly, the Committee closely monitors the performance of all investment managers, not only in relation to specific absolute objectives, but also in relation to other fund managers following the same investment objectives. Further discussion of the Investment Committee's activities may be found in the Investment Section of this report beginning on page 51.

The Board retains Ashford Capital Management, Inc., as investment advisor for the System. Ashford Capital Management provides a variety of services to the System including investment manager and custody contract negotiations, investment manager searches, performance analysis/attribution, investment policy, and asset allocation recommendations. The firm is prohibited by contract terms from managing any of the System's assets. A list of investment managers under contract with the System as of June 30, 2004, may be found on page 57 of this report.

The major activities of the Board and its committees during the 12-month period July 2003 through June 2004 were:

- Held regular monthly meetings and met with representatives of investment management firms and custodian banks on a regular basis.
- Held hearings for individual plan members who appealed decisions of the Pension Office or questioned the Board's interpretation of State pension laws.
- Held hearings on the eligibility of individual employees for disability pension benefits.
- Participated in meetings with the Governor's staff, members of the General Assembly, officials of State agencies and school districts, the Pension Advisory Council, representatives of employee organizations, and other interested parties.

#### 2004 LEGISLATION AFFECTING PENSIONS

S. B. 356

(74 Del. Laws, C398)

This Act grants pension increases to retired State Employees', Special, retired Judges, retired "New" State Police and retired County & Municipal Police and Firefighters on July 1, 2004 for persons retired before May 31, 2004.

H. B. 462

(74 Del. Laws, C412)

This bill allows State troopers who are retired by application of law to collect their pension starting a month after the end of their duty.

H. B. 541

(74 Del. Laws, C413)

This bill ensures that Samantha Fuller, daughter of Frances Collender, a Delaware State Trooper who was killed in the line of duty, will receive the State's share of health care coverage as long as she is a primary survivor receiving a survivor's pension under Title 11, Section 8372(a) of the Delaware Code. Due to the fact that Frances Collender was only a Delaware State Trooper for four (4) years at the time of her death, the current health care insurance laws do not provide the State's share of health care benefits for her daughter.

# **Financial Section**

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Report of Independent Auditors

State of Delaware Board of Pension Trustees

We have audited the Statement of Plan Net Assets of the Delaware Public Employees' Retirement System (System) as of June 30, 2004, and the related Statement of Changes in Plan Net Assets for the year then ended. These financial statements are the responsibility of the System's management. Our responsibility is to express an opinion on these financial statements based on our audit. The prior year summarized comparative information has been derived from the System's June 30, 2003 financial statements, which were audited by the State of Delaware Auditor of Accounts and other auditors, and, in that report dated August 15, 2003, expressed an unqualified opinion thereon.

We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. An audit includes 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 status of the System at June 30, 2004, and the changes in its financial status for the year then ended, in conformity with accounting principles generally accepted in the United States of America.

In accordance with *Government Auditing Standards* we have also issued our report dated August 27, 2004 on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts and grants, as applicable. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* and should be considered in assessing the results of our audit.

Report of Independent Auditors Page Two

The financial statements include summarized prior year comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States. Accordingly, such information should be read in conjunction with the System's financial statements for the year ended June 30, 2003, which was audited by the State of Delaware Auditor of Accounts and other auditors, from which such summarized information was derived.

The Management Discussion and Analysis, Schedules of Funding Progress, Employer Contributions and Notes to Trend Data on pages 21 through 23 and 38 through 42 are not a required part 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 inquires 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 conducted for the purpose of forming an opinion on the System's basic financial statements. The supporting schedules of administrative expenses and investment expenses for the year ended June 30, 2004, on Schedules 4 and 5, the Schedules for the Delaware Local Government Investment Pool, and the introductory, investment, actuarial, and statistical sections are presented for the purposes of additional analysis and are not a required part of the basic financial statements. The additional information has not been subjected to the auditing procedures applied in the audit of the basic financial statements and, accordingly, we express no opinion on them.

Auditor of Accounts Dover, Delaware

Momus Wos

Siegfried & Schieffer, LLC, a subsidiary of The Siegfried Group, LLP Wilmington, Delaware

August 27, 2004

#### Management's Discussion and Analysis

This section presents management's discussion and analysis of the Delaware Public Employees' Retirement System's (System) financial performance provides an overview of the System's financial activities for the Fiscal Year ended June 30, 2004. It is intended to be a narrative supplement to the System's financial statements, which begin on page 24 of this report.

#### **Financial Highlights**

The following financial highlights occurred during the Fiscal Year ended June 30, 2004:

- Plan net assets of all the pension funds administered by the System increased by \$640.5 million during the 2003-2004 Fiscal Year.
- The covered payroll requiring both employee and employer pension contributions reported during the year totaled \$1,490.0 million, representing an increase of 3.8%. Employee contributions increased marginally as the State experienced a hiring freeze and no merit raises were granted. Employer contributions increased by 19.5% representing increased employer contribution rates for Fiscal Year 2004.
- Net investment earnings (net increase in fair value, plus investment earnings, less investment administrative expenses) increased by \$619.2 million compared to the depressed levels experienced in the previous fiscal year.
- Pension benefits paid to retirees and beneficiaries increased \$27.3 million bringing the total benefit payments to \$267.2 million. A net increase of 3.7% in the number of retirees and a post retirement increase averaging 3% are responsible for the 11.4% increase in pension benefits. Refunds of contributions paid to former members upon termination of employment decreased from \$3.0 million to \$2.6 million.
- Administrative expenses (including special project expenses) totaled \$4.6 million, a decrease of 11.6% compared to last Fiscal Year. This decrease is largely due to the completion of the eCRIS project in early Fiscal Year 2004. (See Schedule 4 on page 44 for more details.)

#### Using this Financial Report

Because of the long-term nature of a defined benefit pension plan, financial statements alone cannot provide sufficient information to properly reflect the System's ongoing plan perspective. This financial report consists of two financial statements and two required schedules of historical trend information. The Statement of Plan Net Assets and Statement of Changes in Plan Net Assets (pages 24-27) provide information about the activities of the nine individual pension plans administered and the four funds managed, as well as comparative summary information about these activities for the System as a whole.

The Schedule of Funding Progress (pages 38-39) includes historical trend information about the actuarially funded status of each plan from a long-term, ongoing plan perspective and the progress made in accumulating sufficient assets to pay benefits when due. The Schedule of Employer Contributions (pages 40-41) presents historical trend information about the annual required contributions of employers and the contributions made by employers in relation to this requirement. These schedules provide information that contributes to understanding the changes over time in the funded status of the plans.

#### **NET ASSETS**

(Dollar values expressed in thousands)

			I	ncrease/	Increase/
			(I	Decrease)	(Decrease)
Fiscal Years Ended June 30,	2004	2003		Amount	Percent
Cash and Investments at Fair Value	\$5,516,500	\$4,881,112	\$	635,388	13.0%
Receivables	6,306	5,221		1,085	20.8%
TOTAL ASSETS:	\$5,522,806	\$ 4,886,333	\$	636,473	13.0%
TOTAL ACCRUED LIABILITIES:	1,579	5,617		(4,038)	(71.9%)
TOTAL PLAN NET ASSETS:	\$5,521,227	\$4,880,716	\$	640,511	13.1%

#### **CHANGES IN NET ASSETS**

(Dollar values expressed in thousands)

			I	ncrease/	Increase/
			(L	ecrease)	(Decrease)
2004		2003		Amount	Percent
\$ 106,523	\$	89,140	\$	17,383	19.5%
28,079		26,152		1,927	7.4%
8,518		3,612		4,906	135.8%
40,981		40,280		701	1.7%
14		10		4	40.0%
768,780		149,608		619,172	413.9%
\$ 952,895	\$	308,802	\$	644,093	208.6%
\$ 28,079	\$	26,152	\$	1,927	7.4%
5,356		7,399		(2,043)	(27.6%)
267,172		239,859		27,313	11.4%
2,592		2,973		(381)	(12.8%)
4,563		4,172		391	9.4%
4,079		4,030		49	1.2%
335		1,171		(836)	(71.4%)
38		26		12	46.2%
60		-		60	100.0%
45		-		45	100.0%
65		-		65	100.0%
4,622		5,227		(605)	(11.6%)
\$ 312,384	\$	285,782	\$	26,602	9.3%
\$ 640,511	\$	23,020	\$	617,491	2,682.4%
\$	\$ 106,523 28,079 8,518 40,981 14 768,780 \$ 952,895 \$ 28,079 5,356 267,172 2,592 4,563 4,079 335 38 60 45 65 4,622 \$ 312,384	\$ 106,523	\$ 106,523 \$ 89,140 28,079 26,152 8,518 3,612 40,981 40,280 14 10 768,780 149,608 \$ 952,895 \$ 308,802 \$ 28,079 \$ 26,152 5,356 7,399 267,172 239,859 2,592 2,973 4,563 4,172 4,079 4,030 335 1,171 38 26 60 - 45 - 65 - 4,622 5,227 \$ 312,384 \$ 285,782	\$ 106,523 \$ 89,140 \$ 28,079 26,152 8,518 3,612 40,981 40,280 14 10 768,780 149,608 \$ 952,895 \$ 308,802 \$ \$ \$ 28,079 \$ 26,152 \$ 5,356 7,399 267,172 239,859 2,592 2,973 4,563 4,172 \$ 4,079 4,030 335 1,171 38 26 60 60 - 45 65 - 4,622 5,227 \$ 312,384 \$ 285,782 \$	\$ 106,523 \$ 89,140 \$ 17,383 28,079 26,152 1,927 8,518 3,612 4,906 40,981 40,280 701 14 10 4 768,780 149,608 619,172 \$ 952,895 \$ 308,802 \$ 644,093 \$ 28,079 \$ 26,152 \$ 1,927 5,356 7,399 (2,043) 267,172 239,859 27,313 2,592 2,973 (381) 4,563 4,172 391 4,079 4,030 49 335 1,171 (836) 38 26 12 60 - 60 45 - 65 65 - 65 4,622 5,227 (605) \$ 312,384 \$ 285,782 \$ 26,602

#### **Analysis of Net Assets**

The System was created to provide retirement, survivor, and disability benefits to qualified members and their beneficiaries. The cost of such programs includes recurring benefit payments as designated by the various plans, refunds of member contributions to terminated employees, and the cost of administering the System. Combined plan net assets increased by \$640.5 million over the last fiscal year. Looking at additions to and deductions from Plan net assets, this increase is directly attributable to the improved investment returns of 15.9%.

Employer contributions increased approximately \$17.4 million primarily due to higher required actuarial contribution rates across all plans except the Diamond State Port Corporation and an increased number of member employers in the County & Municipal plans. Member contributions increased by approximately \$0.7 million due to an increase in the number of active employees primarily in the County & Municipal plans. Transfers from outside the System increased by approximately 136% as a result of increased contributions from the Delaware Local Government Pool participants and transfers from the Post-Retiree Health Insurance Premium Fund to the State Employees' Pension Plan. Transfers from the Post-Retirement Increase Fund (PRI) increased by 7.4% reflecting the post retirement increase granted effective September 1, 2003.

Transfers of Assets Outside the System include transfers from the County & Municipal Police and Firefighters' COLA Fund (COLA Fund) to individual participating entities, a transfer to the Post-Retiree Health Insurance Premium Fund from the State Employees' Pension Plan, and a reversion from the COLA Fund as required by statute. The reversion from the COLA Fund was transferred to the Closed State Police Plan. Benefit payments increased by approximately 11.4% as a result of a 3.7% increase in the number of retirees over Fiscal Year 2003 and a post retirement increase granted to over 90% of our retirees effective September 1, 2003 which averaged 3%. Total administrative expenses (including special projects) decreased 11.6% to approximately \$4.6 million. This was mainly due to the completion of the eCRIS project in early Fiscal Year 2004 and the continued decreased reliance on outside computer contractors.

#### **Historical Trends**

Accounting standards require that the Statement of Plan Net Assets reports asset values at fair value and includes only benefits and refunds due plan members and beneficiaries and accrued investment and administrative expenses as of the reporting date. Information regarding the actuarial funding status of the pension funds is provided in the Schedule of Funding Progress (pages 38-39). The asset value stated in the Schedule of Funding Progress is the actuarial value of assets as determined by calculating the ratio of market value to book value of assets over a five-year period. The actuarial assumptions used in the most recent valuation are identified by plan on Schedule 3 - Notes to Trend Data (page 42).

Annual required contributions of employers and contributions made by employers in relation to the required contributions are provided in the Schedule of Employer Contributions (pages 40-41). This schedule indicates that employers are meeting their responsibilities to provide financial resources to the plans.

#### STATEMENT OF PLAN NET ASSETS

#### AS OF JUNE 30, 2004 WITH COMPARATIVE TOTALS FOR JUNE 30, 2003

(Expressed in thousands)

						County &	County &
				New		Municipal	Municipal
		State		State		Police and	Other
	E	mployees'	Special	Police	-	Firefighters'	Employees'
		Plan	Plan	Plan	Plans	Plans	Plan
Assets:							
Cash	\$	3,762	16	412	26	496	42
Receivables:							
<b>Employer Contributions</b>		2,710	-	133	48	157	21
Member Contributions		1,648	-	93	8	77	14
Total Receivables:	\$	4,358	_	226	56	234	35
Investments at Fair Value:							
Domestic Fixed Income		931,882	155	23,142	5,670	8,329	731
Domestic Equities	1	,567,496	260	38,927	9,537	14,010	1,230
Pooled Equity & Fixed Income	1	,262,104	209	31,343	7,678	11,281	991
Managed Futures		102,111	17	2,536	621	912	80
Private Investments		475,334	79	11,804	2,892	4,249	373
Short Term and Money Markets		128,860	18	3,135	773	1,094	74
Foreign Equities		773,792	128	19,216	4,708	6,917	607
Total Investments:	\$ 5	5,241,579	866	130,103	31,879	46,792	4,086
TOTAL ASSETS:	\$ 5	5,249,699	882	130,741	31,961	47,522	4,163
Liabilities:							
Transfer of Assets Outside the System		-	-	-	-	-	-
Benefits Payable		710	-	-	6	-	-
Accrued Administrative Expenses		309	-	4	1	7	1
TOTAL LIABILITIES:	\$	1,019	-	4	7	7	1
NET ASSETS HELD IN TRUST FOR	<i>ሮ</i> 2	240 600	882	120 727	21 054	A7 E1E	4 160
Pension Benefits:	<b>D</b> 2	5,248,680	882	130,737	31,954	47,515	4,162

(A Schedule of Funding Progress for each Plan is presented on pages 38-39)

The notes to the financial statements are an integral part of this Statement.

Volunteer Firemen's	Diamond State Port Corporation	County & Municipal Police and Firefighters'	Post- Retirement Increase	Delaware Local Gov't Retirement Investment	Post- Retirement Health Insurance Premium	Closed State Police		as of June 30,
Plan	Plan	COLA Fund	Fund	Pool	Fund	Plan	2004	2003
23	25	2,140	505	-	-	2,888	\$ 10,335	\$ 8,380
-	27	-	1,355	-	_	-	4,451	3,395
-	13	-	-	-	-	2	1,855	1,826
_	40	-	1,355	-	-	2	\$ 6,306	\$ 5,221
1,744 2,933 2,362 191 889 224 1,448	1,384 2,328 1,875 152 706 160 1,149	1,078 1,813 1,459 118 550 148 895	92 155 124 11 47 15 76	2,714 4,566 3,676 297 1,384 374 2,254	2,039 3,430 2,762 224 1,040 281 1,693	- - - - -	978,960 1,646,685 1,325,864 107,270 499,347 135,156 812,883	931,235 1,195,211 1,708,682 103,462 456,366 115,283 362,493
9,791	7,754	6,061	520	15,265	11,469		\$ 5,506,165	\$4,872,732
9,814	7,819	8,201	2,380	15,265	11,469	2,890	\$ 5,522,806	\$ 4,886,333
-	-	530	-	-	-	-	530	4,630
3	-	-	3	-	-	-	722	734
	2	_	-	_		3	327	253
3	2	530	3	_	-	3	\$ 1,579	
9,811	7,817	7,671	2,377	15,265	11,469		\$ 5,521,227	

#### STATEMENT OF CHANGES IN PLAN NET ASSETS

#### FOR THE FISCAL YEAR ENDED JUNE 30, 2004 WITH COMPARATIVE TOTALS FOR JUNE 30, 2003

(Expressed in thousands)						County &	County &
				New		Municipal	Municipal
		State		State		Police and	Other
	E	mployees'	Special	Police	Judiciary	Firefighters'	Employees'
		Plan	Plan	Plan	Plans	Plans	Plan
Additions:							
<u>Contributions</u> :							
Employer Contributions	\$	57,459	-	3,125	1,235	3,179	321
Transfer of Contributions from PRI Fund		27,790	-	36	253	-	-
Transfer of Assets from Outside the System		1,500	-	-	-	-	-
Member Contributions		36,007	-	2,436	249	1,696	168
Other		-	-	14	-	-	
Total Contributions:	\$	122,756	-	5,611	1,737	4,875	489
Investments:							
Investment Earnings		116,956	20	2,904	711	1,045	92
Net Increase in Fair Value		631,656	115	15,065	3,817	5,193	461
	\$	748,612	135	17,969	4,528	6,238	553
Less Investment Manager/Advisor/Custody Fees		(15,995)	(3)	(397)	(97)	(143)	(13)
Less Investment Administrative Expenses		(279)	_	(7)	(2)	(2)	
Total Net Investment Earnings:	\$	732,338	132	17,565	4,429	6,093	540
TOTAL ADDITIONS:	\$	855,094	132	23,176	6,166	10,968	1,029
DEDUCTIONS:							
Transfer of Contributions from PRI Fund		-	-	-	-	-	-
Transfer of Assets Outside the System		1,500	-	-	-	-	-
Benefit Payments		243,238	119	922	2,177	447	61
Refunds of Contributions to Members		2,333	-	75	60	48	19
Group Life Payments		4,479	21	-	-	-	-
Administrative Expenses		4,622	-	-	-	-	-
Allocation of Administrative Expenses		(250)	3	53	8	60	29
TOTAL DEDUCTIONS:	\$	255,922	143	1,050	2,245	555	109
NET INCREASE/(DECREASE):	\$	599,172	(11)	22,126	3,921	10,413	920
NET ASSETS HELD IN TRUST FOR PENSION	_						
BENEFITS BEGINNING OF YEAR:	\$ 4	1,649,508	893	108,611	28,033	37,102	3,242
NET ASSETS HELD IN TRUST FOR PENSION BENEFITS END OF YEAR:	\$ 4	5 248 680	882	130,737	31,954	47,515	4,162
DEMETIIS END OF TEAK.	Ψι	,270,000	002	100,707	51,754	71,515	7,102

The notes to the financial statements are an integral part of this Statement.

					Post-					
		County &		Delaware	Retirement					
	Diamond	Municipal	Post-	Local Gov't	Health	Closed				
Volunteer	State Port	Police and	Retirement	Retirement	Insurance	State		Totals fo	r Fi	iscal Years
Firemen's	Corporation	Firefighters'	Increase	Investment	Premium	Police	_			d June 30,
Plan	Plan	COLA Fund	Fund	Pool	Fund	Plan		2004		2003
694	346	-	20,744	-	-	19,420	\$	106,523	\$	89,140
-	-	-	-	-	-	-		28,079		26,152
-	-	2,660	-	2,852	1,500	6		8,518		3,612
208	164	-	-	-	-	53		40,981		40,280
	-	-		-	-	-		14		10
902	510	2,660	20,744	2,852	1,500	19,479	\$	184,115	\$	159,194
219	174	135	11	341	256	51		122,915		121,646
1,132	898	888	837	1,537	1,361	-		662,960		41,739
1,351	1,072	1,023	848	1,878	1,617	51	\$	785,875	\$	163,385
(30)	(24)	(18)	(1)	(46)	(35)	-		(16,802)		(13,554)
(1)	-	-	_	(1)	(1)	-		(293)		(223)
1,320	1,048	1,005	847	1,831	1,581	51	\$	768,780	\$	149,608
2,222	1,558	3,665	21,591	4,683	3,081	19,530	\$	952,895	\$	308,802
-	-	-	28,079	-	-	-		28,079		26,152
-	-	2,356	-	-	1,500	-		5,356		7,399
1,108	199	-	-	-	-	18,901		267,172		239,859
31	23	-	-	-	-	3		2,592		2,973
-	-	-	-	-	-	63		4,563		4,172
-	-	-	-	-	-	-		4,622		5,227
17	30	-	-	-	-	50		-		
1,156	252	2,356	28,079	-	1,500	19,017	\$	312,384	\$	285,782
1,066	1,306	1,309	(6,488)	4,683	1,581	513	\$	640,511	\$	23,020
0745	/ F11	( 2/2	0.075	10 500	0.000	2 274	ታ -	1 000 717	ተ ላ	1 057 707
8,745	6,511	6,362	8,865	10,582	9,888	2,374	\$4	1,880,716	\$4	1,857,696
9,811	7,817	7,671	2,377	15,265	11,469	2,887	\$5	5,521,227	\$4	1,880,716
	7,017	7,071	2,511	15,205	11,707	2,007	ψι	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ψ-5	1,555,710

#### Plan Descriptions and Contribution Information 1.

The State of Delaware General Assembly enacted legislation to provide for the following State-sponsored pension plans:

- State Employees' Pension Plan.
- Special Pension Plan.
- New State Police Pension Plan.
- Judiciary Pension Plans (Closed and Revised).
- County & Municipal Police and Firefighters' Pension Plans.
- County & Municipal Other Employees' Pension Plan.
- Volunteer Firemen's Pension Plan.
- Diamond State Port Corporation Pension Plan.
- Closed State Police Pension Plan.

With the exception of the Diamond State Port Corporation Pension Plan, the General Assembly is responsible for setting benefits and contributions and amending plan provisions. The Board of Directors for the Diamond State Port Corporation is responsible for setting benefits and contributions and amending their plan provisions.

As of June 30, 2004, employee membership data related to each of the Plans was as follows:

Plan	Retirees & Beneficiaries Currently Receiving Benefits	Terminated Employees Entitled to Benefits But Not Yet	Active Participants	Total Membership	Total Participating
FIAII	Delicitis	Receiving Them	Farticipants	Membership	Employers
State Employees'	17,612	984	32,498	51,094	7
Special	31	-	-	31	N/A
New State Police	33	8	591	632	1
Judiciary	37	-	52	89	1
County & Municipal Police/Firefighters'	23	12	563	598	15
County & Municipal Other Employees'	15	1	221	237	18
Volunteer Firemen's	1,210	10	5,055	6,275	61
Diamond State Port Corporation	21	3	259	283	1
Closed State Police	558	-	27	585	1
Total:	19,540	1,018	39,266	59,824	105

The following are brief descriptions of the individual plans. For a more complete description, please refer to the plan documents.

#### State Employees' Pension Plan

<u>Plan Description and Eligibility:</u> The State Employees'
Pension Plan is a cost-sharing multiple employer
defined benefit plan that covers virtually all full-time
or regular part-time employees of the State, including
employees of other affiliated entities.

Service Benefits: Final average monthly compensation multiplied by 2.0% and multiplied by years of credited service prior to January 1 1997, plus final average compensation multiplied by 1.85% and multiplied by years of credited service after December 31, 1996, subject to minimum limitations. For this plan, final average monthly compensation is the monthly average of the highest three years of compensation.

Vesting: 5 years of credited service.

Retirement: Age 62 with 5 years of credited service; age 60 with 15 years of credited service; or after 30 years of credited service at any age.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 5 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 5 years of credited service, eligible survivor receives 50% (or 75% with 3% reduction of benefit) of the benefit the employee would have received at age 62.

#### Contributions:

Employer - determined by Board of Pension Trustees. Employee - 3% of earnings in excess of \$6,000.

Death Benefit: \$7,000 per member.

#### **Special Pension Plan**

<u>Plan Description and Eligibility:</u> The Special Pension Plan is a cost-sharing multiple employer defined benefit plan that covers benefits granted to certain retirees or groups of retirees through legislation passed by the General Assembly.

Service Benefits: Defined by special legislation.

<u>Vesting:</u> Not applicable.

Retirement: Not applicable.

Disability Benefits: Not applicable.

Survivor Benefits: Same as State Employees' Plan.

<u>Contributions:</u> Employer contributions are actuarially determined and fully funded in advance by the General Assembly.

Death Benefit: \$7,000 per member.

#### New State Police Pension Plan

<u>Plan Description and Eligibility:</u> The New State Police Pension Plan is a single-employer defined benefit plan that covers all State police officers appointed on or after July 1, 1980.

Service Benefits: 2.5% of final average monthly compensation multiplied by years of credited service up to 20 years, plus 3.5% of final average monthly compensation multiplied by years of service in excess of 20 years. For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

<u>Vesting:</u> 10 years of credited service at age 62.

<u>Retirement:</u> Age 55 with 10 years of credited service; age plus credited service (but not less than 10 years) equals 75; or 20 years of credited service.

#### Disability Benefits:

Duty - *Total Disability* - 75% of final average compensation plus 10% for each dependent not to exceed 25% for all dependents.

Partial Disability - calculated the same as Service Benefits, subject to minimum 50% of final average compensation.

Non-Duty - Same as Service Benefits.

<u>Survivor Benefits:</u> If employee is receiving a pension, the eligible survivor receives 50% of pension; if employee is active, eligible survivor receives 50% of compensation.

#### Contributions:

Employer - determined by Board of Pension Trustees. Employee - 7% of compensation.

Death Benefit: \$7,000 per member.

#### Judiciary Pension Plans (Closed and Revised)

#### Plan Description and Eligibility:

The Closed Judiciary Pension Plan is a single-employer defined benefit plan that covers members of State Judiciary appointed before July 1, 1980.

The Revised Judiciary Pension Plan is a single-employer defined benefit plan that covers members of State Judiciary appointed on or after July 1, 1980 or members appointed before July 1, 1980 who accept the provisions of this Plan.

Assets of one plan can be used to satisfy the liabilities of the other plan.

#### Service Benefits:

Closed - 3% of final average compensation multiplied by years of credited service, subject to maximum and minimum limitations.

Revised - 1/24th of final average monthly compensation multiplied by years of service up to 12 years, plus 1/48th of final average monthly compensation, multiplied by years of service from 13 to 24 years, subject to maximum limitations.

For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

Vesting: 12 years of credited service.

#### **Retirement:**

Closed - Age 65 with 12 years of credited service, or any age with 24 years of credited service.

Revised - Age 62 with 12 years of credited service, or any age with 24 years of credited service.

**Disability Benefits:** Same as Service Benefits.

#### Survivor Benefits:

Closed - If employee is receiving a pension, then eligible survivor receives 2/3 of pension; if employee is active with 12 years of credited service, then eligible survivor receives 2/3 of pension the employee would have been eligible to receive.

Revised - If employee is receiving a pension, then eligible survivor receives 1/2 of pension (2/3 with 3% reduction); if employee is active, eligible survivor receives 2/3 of pension the employee would have received at age 62.

#### Contributions:

Employer - determined by Board of Pension Trustees. Employee -

Closed - \$500 per year for the first 25 years of service. Revised - 3% of earnings that exceed \$6,000 per year, plus 2% of earnings that exceed the Social Security Wage Base for the first 24 years of service.

Death Benefit: Not applicable.

# County & Municipal Police and Firefighters' Pension Plans

Plan Description and Eligibility: County & Municipal Police and Firefighters' Pension Plan, both FICA and Non-FICA, are cost-sharing multiple employer defined benefit plans that cover police officers and firefighters employed by a county or municipality of the State which has become part of the Plan.

Service Benefits: 1/40th of final average monthly compensation multiplied by years of credited service, subject to limitations. For this plan, final average monthly compensation is the monthly average of the highest three consecutive years of compensation.

Vesting: 10 years of credited service.

<u>Retirement:</u> Age 62 with 10 years of service; age plus credited service (but not less than 10 years) equals 75; or 20 years of credited service.

#### Disability Benefits:

Duty - *Total Disability* - 75% of final average compensation plus 10% for each dependent not to exceed 25% for all dependents.

Partial Disability - calculated the same as Service Benefits, subject to minimum 50% of final average compensation.

Non-Duty - Same as Service Benefits.

Survivor Benefits: If employee is receiving a pension, then eligible survivor receives 50% of pension; if employee is active, eligible survivor receives 50% of pension the employee would have received at age 62.

#### Contributions:

Employer -determined by Board of Pension Trustees. Employee - FICA covered - 5% of compensation. Non-FICA covered - 7% of compensation.

Death Benefit: Not applicable.

#### County & Municipal Other Employees' Pension Plan

<u>Plan Description and Eligibility:</u> County & Municipal Other Employees' Pension Plan is a cost-sharing multiple employer defined benefit plan that covers employees of counties or municipalities which have become part of the Plan.

Service Benefits: 1/60th of final average monthly compensation multiplied by years of credited service, subject to maximum limitations. For this plan, final average monthly compensation is the monthly average of the highest five years of compensation.

<u>Vesting</u>: 5 years of credited service.

<u>Retirement:</u> Age 62 with 5 years of credited service; age 60 with 15 years of credited service; or after 30 years of credited service.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 5 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 5 years of credited service, then eligible survivor receives 50% of pension the employee would have received at age 62.

#### Contributions:

Employer - determined by Board of Pension Trustees. Employee - 3% of earnings in excess of \$6,000, plus 2% of earnings that exceed the Social Security Wage Base.

Death Benefit: Not applicable.

#### Volunteer Firemen's Pension Plan

<u>Plan Description and Eligibility:</u> The Volunteer Firemen's Pension Plan is a cost-sharing multiple employer defined benefit plan which covers all actively participating volunteers of fire departments, ladies auxiliaries, or ambulance organizations within the State of Delaware.

<u>Service Benefits:</u> \$5 multiplied by years of credited service (not to exceed 25 years) per month.

Vesting: 10 years of credited service.

Retirement: Age 60 with 10 years credited service.

Disability Benefits: Not applicable.

Survivor Benefits: Not applicable.

#### Contributions:

Employer - determined by Board of Pension Trustees. Volunteer Member - \$60 per member per calendar year.

<u>Death Benefit:</u> Not applicable.

#### Diamond State Port Corporation Pension Plan

<u>Plan Description and Eligibility:</u> The Diamond State Port Corporation Pension Plan is a single-employer defined benefit plan which covers all employees of the Diamond State Port Corporation.

Service Benefits: 1.75% of final average monthly compensation multiplied by the years of credited service (not to exceed 30 years). For this plan, final average monthly compensation is the monthly average of the highest consecutive five years of compensation within the last ten years of employment.

<u>Vesting:</u> 5 years of credited service.

<u>Retirement:</u> Age 65 with 5 years of credited service; or age (not less than 55 years) plus credited service equals 90.

<u>Disability Benefits:</u> Same as Service Benefits. Employee must have 15 years of credited service.

<u>Survivor Benefits:</u> If employee is receiving a pension or is active with at least 15 years of credited service, then eligible survivor receives 50% of pension the employee would have received at age 65.

#### Contributions:

Employer - determined by Board of Pension Trustees. Employee - 2% of compensation.

Death Benefit: Not applicable.

#### **Closed State Police Pension Plan**

<u>Plan Description and Eligibility:</u> The Closed State Police Pension Plan is a single-employer defined benefit plan that covers all State police officers appointed before July 1, 1980.

Service Benefits: 50% of monthly salary.

Vesting/Retirement:

20 years of credited service or age 55.

<u>Disability Benefits:</u> Duty - 75% of monthly salary.

Non-Duty - Same as Service Benefits.

Survivor Benefits: If employee is active or is receiving a service or service-related disability pension, the eligible survivor receives 75% of pension; if employee is receiving a non-service related disability pension, eligible survivor receives 50% of pension.

#### Contributions:

Employer - The Closed State Police Plan is funded on a pay-as-you-go basis.

Employee - 5% of salary with 20 years or less of credited service; 2% of salary with over 20 years credited service.

Death Benefit: \$7,000 per member.

#### 2. Fund Descriptions and Contributions

#### County & Municipal Police and Firefighters' COLA Fund

During 1990, the State of Delaware passed legislation which established a mechanism for funding post-retirement increases granted by employers who participate in the County & Municipal Police and Firefighters' Pension Plans. This mechanism allows the State to appropriate funds to a separate COLA Fund managed by the Board of Pension Trustees (Board). The funds are generated by a 0.25% tax on the value of insurance premiums written within the State. The proceeds of the tax are transferred to the State and local governments on a per member basis. The portion of the tax payable relating to the State Police is re-directed into the COLA Fund. When a participating employer grants a post-retirement increase, funds are transferred from the COLA Fund to the employer. The participating employer must provide funds to match the State's contribution.

#### Post-Retirement Increase Fund

During 1993, the State of Delaware passed legislation which established a mechanism for funding ad hoc post-retirement increases granted by the General Assembly to employees retired under the State Employees' Plan, the New State Police Plan, and the Judiciary Plans (Closed and Revised) beginning in Fiscal Year 1994. The mechanism allows the State to appropriate actuarially determined employer contributions to a separate Post-Retirement Increase Fund (PRI) managed by the Board. When the Legislature grants an ad hoc post-retirement adjustment, funds are transferred from this PRI Fund on a monthly basis based on a five-year actuarial funding schedule to the appropriate pension plan from which the additional benefits are disbursed.

#### **Investment Trust Fund**

In June 1996, the State of Delaware passed legislation which established the Delaware Local Government Retirement Investment Pool (DELRIP) in the custody of the Board to allow local governments within the State of Delaware the option to pool their pension assets with the System. The DELRIP is an external investment pool that allows local governments to maximize their rate of return and reduce administrative expenses related to the investment of funds. Participation in the pool is totally voluntary. There were two participating entities in DELRIP as of June 30, 2004 which comprise the pool in its entirety. Schedules of net assets and changes in net assets may be found in the Supporting Schedules section of this report in accordance with Government Accounting Standards Board (GASB) Statement 31 (pages 46-47). No separate comprehensive annual report is issued for this Pool.

DELRIP is subject to the oversight of the System's Investment Committee and not subject to the regulatory oversight of the Securities and Exchange Commission (SEC). The System has not provided or obtained any legal binding guarantees during the year to support the value of shares. The fair value of the shares in the pool is determined in the same manner as the value of the Master Trust shares (see page 34). Since this pool is a portion of the total System, the same accounting and investment policies described in the following financial footnotes apply.

#### Post-Retirement Health Insurance Premium Fund

The Post-Retirement Health Insurance Premium Fund, which was established in June of 2000, is a cost-sharing multiple-employer defined benefit post-employment healthcare plan that covers retired employees of the State Employees' Pension Plan. The State of Delaware provides health insurance to eligible retirees and their dependents. The State Legislature under 29 <u>Del Code</u> Chapter 52 has the authority to establish and amend benefit provisions, including contributions requirements. Retired plan members and beneficiaries currently receiving benefits are required to contribute specified amounts monthly toward the cost of health insurance premiums. For the Fiscal Year ended June 30, 2004, plan members contributed \$2.5 million, or 3.0% of total premiums through their required contributions. The State of Delaware is required to contribute the balance of the current premium cost (\$79.8 million, or 97.0% of total premiums for Fiscal Year 2004). These additional funds are deposited in a separate fund managed by the Board. Pre-funding levels are set annually by the Delaware State Legislature as a part of the budget process. Funding began in July 2001 in the amount of 0.65% of payroll. Funding for Fiscal Year 2003 was 0.37% of payroll. Funding was suspended for Fiscal Years 2004 and continues to be suspended for Fiscal Year 2005.

#### 3. Summary of Significant Accounting Policies

#### **Reporting Entity**

The management of all the Plans and Funds in the System is the responsibility of the Board. The Board is comprised of five members appointed by the Governor and confirmed by the State Senate, plus two ex-officio members. The daily operation of the System is the responsibility of the Office of Pensions. Although the assets of the Plans and Funds are commingled for investment purposes, each Plan's or Fund's assets may be used only for the payment of benefits to the members of that Plan or Fund in accordance with the terms of that Plan or Fund.

Although separate financial statements are presented for the System as a whole, the System is also considered a component unit of the State of Delaware financial reporting entity.

#### **Basis of Accounting**

The financial statements are presented on the accrual basis. Employer contributions to each plan are recognized when due and the employer has made a formal commitment to provide the contributions. Benefits and refunds are recognized when due and payable in accordance with the terms of each Plan or Fund.

The accompanying financial statements include certain prior year summarized comparative information. Such information does not include sufficient detail to constitute a presentation in conformity with accounting principles generally accepted in the United States. Certain Fiscal Year 2003 amounts have been reclassified to conform with the 2004 presentation.

The following GASB pronouncements were issued as of June 30, 2004, however, are not required to be implemented at this time:

- GASB STATEMENT 43: Postemployment Benefit Plans other than Pensions. This Statement establishes accounting and financial reporting standards for plans that provide postemployment benefits other than pension benefits (for example, health insurance, life insurance). Implementation will be required in the Fiscal Year 2007 annual report. The adoption of this Statement is not anticipated to have a material impact on the System's financial position or results of operations.
- GASB STATEMENT 44: Economic Condition Reporting: The Statistical Section. This Statement establishes the objectives of the statistical section and the five categories of information it contains: financial trends information, revenue capacity information, debt capacity information, demographic and economic information, and operating information. Implementation will be required in the Fiscal Year 2006 annual report. The adoption of this Statement is not anticipated to have a material impact on the System's financial position or results of operations.
- GASB STATEMENT 45: Employer Accounting for Other Postemployment Benefits. This Statement addresses how state and local governments should account for and report their costs and obligations related to postemployment healthcare and other nonpension benefits. Implementation will be required in the Fiscal Year 2007 annual report. The adoption of this Statement is not anticipated to have a material impact on the System's financial position or results of operations.

#### **Investments**

All of the investment assets of the Plans and Funds, with the exception of the Closed State Police Pension Plan, are pooled and invested in a common Master Trust. Each of the Plans or Funds described herein participate in the Master Trust based on funds contributed and earnings allocated.

Investments are presented at fair value. Fair values are determined by quoted market prices based on national exchanges when available. Venture capital and other limited partnership values are determined based on appraised values which approximate fair value.

#### **Administrative Expenses**

Expenses for the administration of the System are budgeted and approved by the Board and are paid from the assets of the System.

#### **Deposits and Investments** 4.

In March 2003, GASB issued Statement No. 40, "Deposit and Investment Risk Disclosures." The System has chosen to early implement this Statement. Adoption of this Statement had no material impact on the System's financial statements.

#### **Investment Policy**

There are no State statutes setting forth allowable investments for the System. The investment decisions are dictated by the internal investment policy established by the Board as outlined below:

- maintain a minimum of 20% 25% of total assets of the System in fixed income investments such as bonds and other short-term investments (assets with maturity of less than one year);
- conduct an ongoing review of prospective risk levels and rates of return available from all classes of assets eligible for investment;
- employ a diversity of investment managers with demonstrated skills in managing funds through different styles of management with expertise in particular kinds of assets such as stocks, bonds, real estate, mortgages, venture capital, money market instruments, or combinations thereof; and
- closely monitor the performance of all investment managers not only in relation to specific absolute objectives, but also in relation to other fund managers following similar investment objectives.

For the Fiscal Year ended June 30, 2004, the System has operated in all material respects in accordance with these policies.

#### **Investments**

The following is a listing of directly held fixed income and short term investments and related maturity schedule.

#### Investment Maturities (in Years)

(expressed in thousands) Less More **Investment Type** Fair Value than 1 1 - 4.9 5 - 9.9 10 - 19.9 20 - 30 than 30 Financials \$ 74,887 9,761 18,598 26,960 7,318 12,250 Foreign Government 59,257 31,007 3,520 9,223 15,507 248,728 36,908 19,223 **Industrials** 2,260 148,873 41,464 34,423 Other Bonds/Bond Mutual Funds 111,226 81 17,771 11,974 33,948 13,029 Telephone 46,011 4,153 14,423 12,016 15,419 Transportation 5,666 1,060 356 3,482 768 Treasury Notes & Bonds 93,576 1,759 57,994 15,411 14,362 4,050 U.S. Agencies 112,687 7,449 40,249 10,497 14,666 39,166 660 Utilities 34,267 6,043 14,123 3,156 10,945 World Bank 14,857 10,779 1,527 1,148 1,403 Certificates of Deposit 20,201 20,201 Discount Commercial Paper 123,656 123,656 Discount Commercial Notes 18,665 18,665 Total: \$ 963,684 \$ 183,832 241,214 265,448 90,865 168,636 13,689

#### **Interest Rate Risk**

The State has delegated investment policy for the System to the Board and its Committees. The Investment Committee sets its own rigorous policy in conjunction with the Board to manage and review the System's exposure to interest rates.

#### Credit Risk

The System's general investment policy is to apply the prudent-person rule: Investments are made as a prudent person would be expected to act, with discretion and intelligence, to seek reasonable income, preserve capital and, in general, avoid speculative investments. The System has no investment policy that would further limit its investment choices. As of June 30, 2004, the System's fixed income and short-term investments had the following risk characteristics:

Moody's Ratings	Percent of	Maı	ket Value	Callable	e Amount	
or Comparable	<b>Total Fund</b>	(expressed in	n thousands)	(expressed in	thousands)	Callable Dates
AAA to A	10.1%	\$	557,980	\$	10,655	through August 15, 2009
BBB to B	6.6%		366,753		170,839	through April 15, 2007
CCC to C	0.3%		17,586		23,547	through March 1, 2009
Less than C	0.0%		-		-	-
Not Rated	0.4%		21,365		7,240	through April 15, 2006
Total:	17.5%	\$	963,684	\$	212,281	

#### **Custodial Credit Risk**

Of the System's \$10,335,000 cash balance, \$423,000 represents pooled deposits held by the State Treasurer's Office. The balance of \$9,912,000 represents pooled deposits in short-term investments held by the custodian bank. Both of these accounts are are uninsured and uncollateralized.

#### Investments in Excess of 5% of Net Assets Held in Trust for Pension Benefits

The following managers have investments at fair value in excess of 5% of the System's net assets held in trust for pension benefits as of June 30, 2004:

Fair Value

	rair value
	(expressed in thousands)
Mellon Capital Asset Allocation Fund	\$ 1,244,914
T. Rowe Price Natural Resource	444,962
Oaktree International Convertibles	373,185
Lincoln Capital - Fixed	333,855

#### **Management Fees**

The System has paid \$14.2 million and \$12.7 million in management fees to the venture capital limited partnerships and transition managers for the Fiscal Years ended June 30, 2004 and 2003, respectively. These fees are netted against investment income.

#### **Investment Commitments**

The System has made commitments to invest up to an additional \$205.5 million in venture capital limited partnerships in varying amounts as of June 30, 2004, to be drawn down as called over a period of years.

## Risk Management

Risks of loss to the System, investment losses and other, are covered by the System. Fixed assets used by the System are considered to be the property of the State of Delaware at an approximate book value of \$443,000. Risk of loss related to worker's compensation, self-insurance, theft, torts, and other similar risks, is assumed by the State of Delaware.

## Foreign Investments/Forward Exchange Contracts

Foreign investments include equity securities, bonds, and short-term investments.

In conjunction with certain of these foreign investments, the System has entered into forward exchange contracts to sell or purchase certain foreign currencies at specified rates at stated dates. At June 30, 2004, the System had one directly held open forward exchange contract in the amount of \$54,000 with a close date of July 2, 2004. This contract was not renewed; however, the System continues to invest in similar contracts.

## **Derivatives**

Derivatives are instruments (securities or contracts) whose value is dependent on such things as stock or bond prices, interest rate levels, or currency exchange rates. In June 1994, the Board adopted a formal written policy on the use of derivatives which is reviewed periodically. Only a few selected managers are permitted to use derivatives. In every case, the types of derivatives used and limits on their use are stated in the manager's contract and are monitored on an ongoing basis; so-called "exotic" derivatives and leverage are never used as appropriate investment vehicles. Managers authorized to use derivatives do so to reduce foreign exchange risk and minimize transaction costs. Managers may also use derivatives as part of an overall strategy to enhance returns.

The following lists principal categories of derivatives and their uses during the year:

## **Category**

## Foreign exchange forward contracts Exchange traded equity futures Exchange traded fixed income futures Exchange traded options Asset backed securities

## Purpose

Hedge currency risk of investments denominated in foreign currencies Reduce transaction costs; hedge equity market risk; enhance return Reduce transaction costs; control portfolio duration; enhance return Enhance return; reduce transaction costs Enhance return

Generally, derivatives are subject both to market risk and to counterparty risk. The derivatives utilized by the System typically have no greater market risk than their physical counterparts, and in many cases are offset by exposures elsewhere in the portfolio (for example, a short S&P 500 futures contract partially hedging a long position in S&P 500 securities). Counterparty risk, the risk that the "other party" to a contract will default, is managed by utilization of exchange traded futures and options where practical (in which case the futures exchange is the counterparty and guarantees performance) and by careful screening of counterparties where use of exchange traded products is impractical or uneconomical.

Derivative securities are priced and accounted for at their fair value. For exchange traded securities such as futures and options, closing prices from the securities exchanges are used. For fixed income derivatives such as collateralized mortgage obligations (CMO), commercial pricing services (where available) or bid-side prices from a broker/dealer are used. Foreign exchange forward contracts are valued at the price at which the transaction could be settled by offset in the forward markets.

The Board believes that it is unlikely that any of the derivatives used by managers of the System could have a material adverse effect on its financial condition.

## REQUIRED SUPPLEMENTARY INFORMATION

## SCHEDULE 1 - SCHEDULE OF FUNDING PROGRESS

											(6)
					(2)		(3)				UAAL as
			(1)	4	Actuarial	τ	J <b>nfunded</b>	(4)		(5)	a % of
	Actuarial		Actuarial		Accrued		$\mathbf{AAL}$	Funded	An	nualized	Covered
	Valuation		Value of		Liability		(UAAL)	Ratios		Covered	Payroll
Plan	Date		Assets		(AAL)		(2) - (1)	(1)/(2)		Payroll	(3)/(5)
State Employees'*	30-Jun-2004	\$ :	5,387,560	\$ :	5,229,927	\$	(157,633)	103.0%	\$ 1	,399,279	(11.3%)
	30-Jun-2003		5,125,442	4	1,794,944		(330,498)	106.9%	1	,355,800	(24.4%)
	30-Jun-2002	4	4,956,156	4	4,521,732		(434,424)	109.6%	1	,351,112	(32.2%)
	30-Jun-2001	4	4,759,031	4	1,232,244		(526,787)	112.4%	1	,270,632	(41.5%)
	30-Jun-2000	4	4,409,079		3,769,596		(639,483)	117.0%	1	,198,626	(53.4%)
	30-Jun-1999		3,888,852		3,350,127		(538,725)	116.1%	1	,125,857	(47.9%)
Special	30-Jun-2004	\$	933	\$	785	\$	(148)	118.9%		N/A	N/A
	30-Jun-2003		1,009		768		(241)	131.4%		N/A	N/A
	30-Jun-2002		1,832		742		(1,090)	246.9%		N/A	N/A
	30-Jun-2001		1,866		993		(873)	187.9%		N/A	N/A
	30-Jun-2000		1,834		834		(1,000)	219.9%		N/A	N/A
	30-Jun-1999		1,720		826		(894)	208.2%		N/A	N/A
New State Police*	30-Jun-2004	\$	134,507	\$	128,932	\$	(5,575)	104.3%	\$	36,718	(15.2%)
	30-Jun-2003		120,457		106,272		(14,185)	113.3%		31,778	(44.6%)
	30-Jun-2002		109,615		91,928		(17,687)	119.2%		30,281	(58.4%)
	30-Jun-2001		99,138		80,040		(19,098)	123.9%		27,624	(69.1%)
	30-Jun-2000		86,810		68,367		(18,443)	127.0%		25,558	(72.2%)
	30-Jun-1999		72,425		54,713		(17,712)	132.4%		23,518	(75.3%)
Judiciary*	30-Jun-2004	\$	32,841	\$	38,864	\$	6,023	84.5%	\$	7,672	78.5%
	30-Jun-2003		30,961		32,319		1,358	95.8%		7,173	18.9%
	30-Jun-2002		29,049		30,122		1,073	96.4%		7,329	14.6%
	30-Jun-2001		27,231		29,635		2,404	91.9%		6,371	37.7%
	30-Jun-2000		24,884		28,108		3,224	88.5%		5,794	55.6%
	30-Jun-1999		21,256		25,402		4,146	83.7%		5,673	73.1%
County & Municipal	30-Jun-2004	\$	48,893	\$	45,204	\$	(3,689)	108.2%	\$	27,930	(13.2%)
Police and	30-Jun-2003		41,228		36,698		(4,530)	112.3%		24,128	(18.8%)
Firefighters'	30-Jun-2002		35,053		30,344		(4,709)	115.5%		21,342	(22.1%)
	30-Jun-2001		29,389		29,465		76	99.5%		19,605	1.1%
	30-Jun-2000		23,496		23,582		86	99.3%		18,011	1.4%
	30-Jun-1999		17,272		17,697		425	96.0%		15,230	8.6%

SCHEDULE 1 - SCHEDULE OF FUNDING PROGRESS (continued)

											(6)
					(2)		(3)				UAAL as
			(1)	4	Actuarial	1	Unfunded	(4)		(5)	a % of
	Actuarial	I	Actuarial		Accrued		AAL	Funded	A	nnualized	Covered
	Valuation		Value of		Liability		(UAAL)	Ratios		Covered	Payroll
Plan	Date		Assets		(AAL)		(2) - (1)	(1)/(2)		Payroll	(3)/(5)
County & Municipal	30-Jun-2004	\$	4,275	\$	3,340	\$	(935)	128.0%	\$	7,474	(12.5%)
Other Employees'	30-Jun-2003		3,602		3,332		(270)	108.1%		6,209	(4.3%)
	30-Jun-2002		3,033		2,816		(217)	107.7%		2,545	(8.5%)
	30-Jun-2001		2,794		2,962		168	94.3%		2,292	7.3%
	30-Jun-2000		2,410		2,604		194	92.5%		2,004	9.7%
	30-Jun-1999		1,783		2,272		489	78.5%		1,706	28.7%
Diamond State Port	30-Jun-2004	\$	8,140	\$	9,049	\$	909	88.5%	\$	8,950	10.2%
Corporation	30-Jun-2003		7,328		7,056		(272)	103.9%		8,636	(3.1%)
	30-Jun-2002		6,675		6,617		(58)	100.9%		9,354	(0.6%)
	30-Jun-2001		6,044		5,618		(426)	107.6%		8,788	(4.8%)
	30-Jun-2000		5,188		5,222		34	99.3%		7,715	0.4%
	30-Jun-1999		4,171		4,951		780	84.2%		7,637	10.2%
Closed State Police+	30-Jun-2004	\$	2,979	\$	285,044	\$	282,065	1.0%	\$	2,608	10,815.4%
	30-Jun-2003		2,322		318,250		315,928	0.7%		2,869	11,011.8%
	30-Jun-2002		2,036		318,687		316,651	0.6%		3,105	10,198.1%
	30-Jun-2001		1,749		306,194		304,445	0.6%		3,247	9,376.2%
	30-Jun-2000		1,468		302,795		301,327	0.5%		3,888	7,750.2%
	30-Jun-1999		1,164		304,438		303,274	0.4%		4,930	6,151.6%
											++Cost
										Active	Per Active
								_		Members	Member
Volunteer Firemen's	30-Jun-2004	\$	10,121	\$	21,950	\$	11,829	46.1%	\$	5,055	\$2,340
	30-Jun-2003		9,644		15,619		5,975	61.7%		4,933	1,211
	30-Jun-2002		9,333		14,940		5,607	62.5%		4,856	1,155
	30-Jun-2001		9,022		13,837		4,815	65.2%		4,769	1,010
	30-Jun-2000		8,412		13,703		5,291	61.4%		4,579	1,155
	30-Jun-1999		7,447		13,077		5,630	56.9%		4,706	1,196

<sup>\*</sup> Excludes liability and amortization payments due to ad hoc benefit adjustments. This liability is funded from the Post-Retirement Increase Fund and is funded over five years.

<sup>+</sup> The Closed State Police Pension Plan is a pay-as-you-go pension plan.

<sup>++</sup> Not expressed in thousands.

## SCHEDULE 2 - SCHEDULE OF EMPLOYER CONTRIBUTIONS

	Fiscal Year	Annual	Required	Percentage
Plan	Ended	Con	tributions	Contributed
State Employees'*	30-Jun-2004	\$	57,459	100.00%
	30-Jun-2003		40,175	100.00%
	30-Jun-2002		18,148	100.00%
	30-Jun-2001		20,542	100.00%
	30-Jun-2000		43,433	100.00%
	30-Jun-1999		52,338	100.00%
Special	30-Jun-2004	\$	-	N/A
_	30-Jun-2003		-	N/A
	30-Jun-2002		-	N/A
	30-Jun-2001		-	N/A
	30-Jun-2000		-	N/A
	30-Jun-1999		-	N/A
New State Police*	30-Jun-2004	\$	3,125	100.00%
	30-Jun-2003		2,786	100.00%
	30-Jun-2002		2,476	100.00%
	30-Jun-2001		2,480	100.00%
	30-Jun-2000		2,585	100.00%
	30-Jun-1999		2,624	100.00%
Judiciary*	30-Jun-2004	\$	1,235	100.00%
	30-Jun-2003		1,342	100.00%
	30-Jun-2002		1,399	100.00%
	30-Jun-2001		1,333	100.00%
	30-Jun-2000		1,666	100.00%
	30-Jun-1999		1,327	100.00%
County & Municipal	30-Jun-2004	\$	3,179	100.00%
Police and Firefighters'	30-Jun-2003		2,931	100.00%
-	30-Jun-2002		2,779	100.00%
	30-Jun-2001		2,664	100.00%
	30-Jun-2000		2,771	100.00%
	30-Jun-1999		2,025	100.00%

SCHEDULE 2 - SCHEDULE OF EMPLOYER CONTRIBUTIONS (continued)

	Fiscal Year	Annual	Required	Percentage	
Plan	Ended	Con	tributions	Contributed	
County & Municipal	30-Jun-2004	\$	321	100.00%	
Other Employees'	30-Jun-2003		248	100.00%	
	30-Jun-2002		92	100.00%	
	30-Jun-2001		165	100.00%	
	30-Jun-2000		352	100.00%	
	30-Jun-1999		158	100.00%	
Volunteer Firemen's	30-Jun-2004	\$	694	100.00%	
	30-Jun-2003		667	100.00%	
	30-Jun-2002		586	100.00%	
	30-Jun-2001		618	100.00%	
	30-Jun-2000		645	100.00%	
	30-Jun-1999		660	100.00%	
Diamond State Port Corporation	30-Jun-2004	\$	346	100.00%	
	30-Jun-2003		333	100.00%	
	30-Jun-2002		341	100.00%	
	30-Jun-2001		386	100.00%	
	30-Jun-2000		389	100.00%	
	30-Jun-1999		407	100.00%	
Closed State Police	30-Jun-2004	\$	27,747	70.21%	
	30-Jun-2003		27,654	68.00%	
	30-Jun-2002		27,831	64.00%	
	30-Jun-2001		27,709	62.00%	
	30-Jun-2000		28,208	57.50%	
	30-Jun-1999		28,716	54.50%	

<sup>\*</sup>Totals do not include Post-Retirement Increase Fund Contributions.

## SCHEDULE 3 - NOTES TO TREND DATA

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

DI.	State	0	New State	T 40 0	Closed State
Plan	Employees'	Special 2004	Police	Judiciary 2004	Police
Valuation Date	30-Jun-2004	30-Jun-2004	30-Jun-2004	30-Jun-2004	30-Jun-2004
Actuarial Cost Method	Entry Age Normal	N/A	Entry Age Normal	Entry Age Normal	Entry Age Normal
Amortization Method	Level Percent Closed for Plan Bases and Open for Aggregate Gain/Loss	N/A	Level Percent Closed	Level Percent Closed	Level Percent Closed
Remaining Amortization Period	16.1 years	N/A	16 years	17 years	32 years
	5-year	5-year	5-year	5-year	5-year
Asset Valuation Method	Smoothed	Smoothed	Smoothed	Smoothed	Smoothed
	Market	Market	Market	Market	Market
Actuarial Assumptions:					
Investment rate of return	8.0%	8.0%	8.0%	8.0%	8.0%
Projected Salary Increases*	4.3% to 10.1%	N/A	4.8% to 16.7%	4.3% to 13.1%	4.8% to 16.7%
Cost-of-living adjustments	Ad hoc	Ad hoc	Ad hoc	Ad hoc	Based on CPI
	County &	County &			Post-
	Municipal	Municipal		Diamond	Retirement
	Police and	Other	Volunteer	State Port 1	Health Insurance
Plan	Firefighters'	<b>Employees</b>	Firemen's	Corporation	<b>Premium Fund</b>
Valuation Date	30-Jun-2004	30-Jun-2004	30-Jun-2004	30-Jun-2004	30-Jun-2004
Actuarial Cost Method	Entry Age	Entry Age	Entry Age	Entry Age	Entry Age
Actuariar Cost Method	Normal**	Normal**	Normal	Normal	Normal
Amortization Method	Level Percent	Level Percent	Level Dollar	Level Percent	Level Percent
Amortization Method	Open	Open	Closed	Closed	Closed
Remaining Amortization Period	10 years	10 years	23 years	18 years	30 years
	5-year	5-year	5-year	5-year	5-year
Asset Valuation Method	Smoothed	Smoothed	Smoothed	Smoothed	Smoothed
	Market	Market	Market	Market	Market
Actuarial Assumptions:					
Investment rate of return	8.0%	8.0%	8.0%	8.0%	8.0%
Projected Salary Increases*	4.3% to 15.7%	4.3% to 10.1%	N/A	4.8%	4.3% to 10.1%
Cost-of-living adjustments	Ad hoc	Ad hoc	Ad hoc	Ad hoc	Ad hoc

<sup>\*</sup> Projected salary increases include an inflation component of 3.75% for all plans. A more detailed discussion of projected salary increases may be found on page 69.

<sup>\*\*</sup> Actuarial cost method changed to Entry Age Normal from Frozen Initial Liability effective June 30, 2002.

## **Supporting Schedules**

## SCHEDULE 4 - SCHEDULE OF ADMINISTRATIVE EXPENSES

			_		Chan	ige	
	Fisc	al 2004	Fisc	al 2003	Ι	Oollars	Percent
Personal Services:							
Salaries	\$	2,001	\$	2,026	\$	(25)	(1.2%)
Fringe Benefits		687		664		23	3.5%
Total Personal Services:	\$	2,688	\$	2,690	\$	(2)	(0.1%)
<u>Professional Services:</u>							
Actuarial		166		142		24	16.9%
Audit		52		53		(1)	(1.9%)
Medical Services		14		15		(1)	(6.7%)
State Agency Support Services		21		15		6	40.0%
Other Professional Services		2		3		(1)	(33.3%)
Total Professional Services:	\$	255	\$	228	\$	27	11.8%
Communication:							
Printing		49		28		21	75.0%
Telephone		31		37		(6)	(16.2%)
Postage		127		129		(2)	(1.6%)
Travel		24		14		10	71.4%
Other Communications		25		15		10	66.7%
Total Communications:	\$	256	\$	223	\$	33	14.8%
Data Processing:		•		40.		<i>-</i>	(=0 =0()
Contractual Services		31		105		(74)	(70.5%)
Training		11		-		11	100.0%
Maintenance		265		222		43	19.4%
Equipment - Hardware		49		24		25	104.2%
Equipment - Software		5		21		(16)	(76.2%)
Total Data Processing:	\$	361	\$	372	\$	(11)	(3.0%)
Rentals:		-		0		(1)	(10 50/)
Equipment Leasing		7		8		(1)	(12.5%)
Fleet Services		5		5		-	0.0%
Office Space		441		425		16	3.8%
Total Rentals:	\$	453	\$	438	\$	15	3.4%
Miscellaneous:		1.5		2.1		(1.6)	(51 (0/)
Supplies and Equipment		15		31		(16)	(51.6%)
Maintenance		2		7		(5)	(71.4%)
Continuing Education		8		12		(4)	(33.3%)
Temporary Employment Services		38		27		11	40.7%
Other Miscellaneous	Φ.	3	ф.	2	ф.	(12)	50.0%
Total Miscellaneous:	\$	66	\$	79	\$	(13)	(16.5%)
General Administrative Expenses:	\$	4,079	\$	4,030	\$	49	1.2%
eCRIS Project Administrative Expenses:	\$	335	\$	1,171	\$	(836)	(71.4%)
Disability Pension Review:	\$	38	\$	26	\$	12	46.2%
Actuarial Experience Study:	\$	60	\$	-	\$	60	100.0%
Health Care Review:	\$	45	\$	-	\$	45	100.0%
Disaster Recovery Project:	\$	65	\$	-	\$	65	100.0%
Total Administrative Expenses:	\$	4,622	\$	5,227	\$	(605)	(11.6%)

## SCHEDULE 5 -- SCHEDULE OF INVESTMENT EXPENSES

						Change	2
	Fiscal	2004	Fisca	1 2003	I	Oollars	Percent
Custody Fees	\$	889	\$	617	\$	272	44.1%
Investment Manager/Advisor Fees	1	5,913		12,937		2,976	23.0%
Pension Office Support Staff		293		223		70	31.4%
Total Investment Expenses:	\$ 1	7,095	\$	13,777	\$	3,318	24.1%

## SCHEDULE OF PLAN NET ASSETS

## OF THE DELAWARE LOCAL GOVERNMENT RETIREMENT INVESTMENT POOL AS OF JUNE 30, 2004 WITH COMPARATIVE TOTALS FOR JUNE 30, 2003

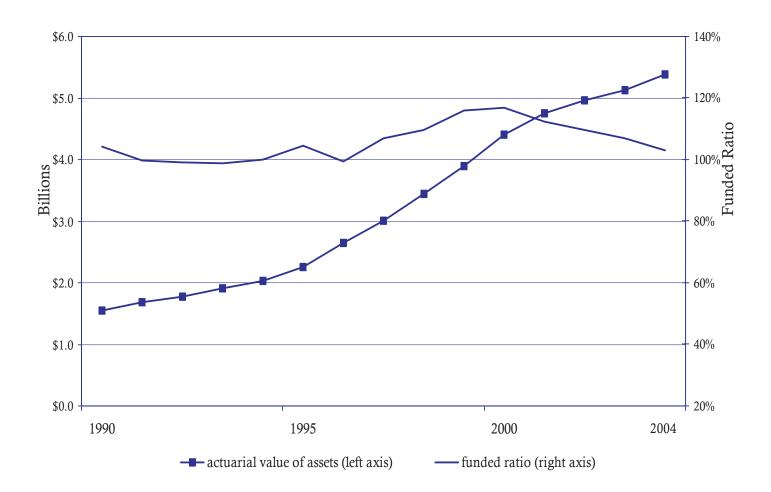
(expressed in thousands)

			Sussex					
		Sussex	County Gov't					
	(	County	Post-Retirement	Town of	_T	otals as o	of J	une 30,
		Gov't	Benefits Account	Elsmere		2004		2003
Assets:								
Cash	\$	-	-	-	\$	-	\$	-
Receivables:		-	-	-		-		-
Employer Contributions		-	-	-		-		-
Member Contributions		-	-	-		-		
Total Receivables:	\$	-	-	-	\$	-	\$	
Investments at Fair Value:								
Domestic Fixed Income		2,118	305	291		2,714		2,023
Domestic Equities		3,563	512	491		4,566		2,596
Pooled Equity & Fixed Income		2,868	413	395		3,676		3,711
Managed Futures		232	33	32		297		224
Private Investments		1,080	155	149		1,384		991
Short Term and Money Markets		292	42	40		374		250
Foreign Equities		1,759	253	242		2,254		787
Total Investments:	\$	11,912	1,713	1,640	\$	15,265	\$	10,582
TOTAL ASSETS:	\$	11,912	1,713	1,640	\$	15,265	\$	10,582
<u>Liabilities</u>								
Transfer of Assets outside the System	\$	-	-	-	\$	-	\$	-
Benefits Payable		-	-	-		-		-
Accrued Administrative Expenses		-		-		-		
TOTAL LIABILITIES:	\$	-		-	\$	_	\$	
NET ASSETS HELD IN TRUST FOR POOL PARTICIPANTS:	\$	11,912	1,713	1,640	\$	15,265	\$	10,582

SCHEDULE OF CHANGES IN PLAN NET ASSETS
OF THE DELAWARE LOCAL GOVERNMENT RETIREMENT INVESTMENT POOL
FOR THE FISCAL YEAR ENDED JUNE 30, 2004 WITH COMPARATIVE TOTALS FOR JUNE 30, 2003
(expressed in thousands)

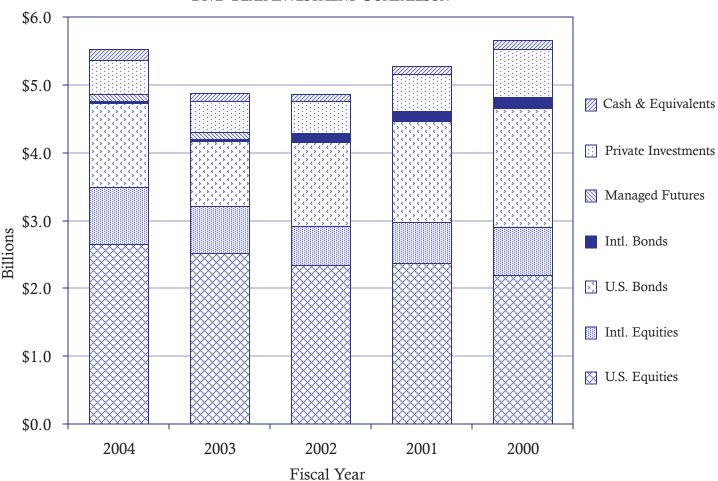
		Sussex				
	Sussex	County Gov't		Totals fo	r Fisca	al Years
	County	Post-Retirement	Town of	e	nded J	une 30,
	Gov't	Benefits Account	Elsmere	200	)4	2003
Additions:						
Contributions:						
Employer Contributions	\$ -	-	-	\$	- \$	-
Transfer of Contributions from PRI Fund	-	-	-		-	-
Transfer of Assets from Outside the System	1,852	1,000	-	2,85	2	783
Member Contributions	-	-	-		-	-
Other	-	-	-		-	
Total Contributions:	\$ 1,852	1,000	_	\$ 2,85	2 \$	783
<u>Investments:</u>						
Investment Earnings	266	38	37	\$ 34	1 \$	264
Net Increase in Fair Value	1,210	133	194	1,53	7	153
	\$ 1,476	171	231	\$ 1,87	8 \$	417
Less Investment Mgr./Advisor/Custody Fees	(36)	(5)	(5)	(4	6)	(30)
Less Investment Administrative Expenses	(1)	-	-	(	1)	
Total Net Investment Earnings:	\$ 1,439	166	226	\$ 1,83	1 \$	387
TOTAL ADDITIONS:	\$ 3,291	1,166	226	\$ 4,68	3 \$	1,170
<b>DEDUCTIONS:</b>						
Transfer of Contributions from PRI Fund	-	-	-		-	-
Transfer of Assets Outside the System	-	-	-		-	-
Benefit Payments	-	-	-		-	-
Refunds of Contributions to Members	-	-	-		-	-
Group Life Payments	-	-	-		-	-
Administrative Expenses	-	-	-		-	-
Allocation of Administrative Expenses	-		-		-	
TOTAL DEDUCTIONS:	-	-	-		-	
Net Increase/(Decrease):	\$ 3,291	1,166	226	\$ 4,68	3 \$	1,170
NET ASSETS HELD IN TRUST FOR POOL						
PARTICIPANTS BEGINNING OF YEAR:	\$ 8,621	547	1,414	\$ 10,58	2 \$	9,412
NET ASSETS HELD IN TRUST FOR POOL						
PARTICIPANTS END OF YEAR:	\$ 11,912	1,713	1,640	\$ 15,26	5 \$	10,582

## STATE EMPLOYEES' PENSION PLAN ACTUARIAL VALUE OF ASSETS AND FUNDED RATIO



## Investment Section





(expressed in millions)	Fiscal Years Ended June 30,									
	2004	2003	2002	2001	2000					
U.S. Equities*	\$ 2,655.7	\$ 2,520.7	\$ 2,340.5	\$ 2,371.0	\$ 2,197.6					
International Equities	839.2	697.2	577.1	607.3	702.3					
U.S. Bonds	1,242.3	950.8	1,234.8	1,483.8	1,761.4					
International Bonds	27.6	28.8	132.1	147.8	152.9					
Managed Futures	104.9	103.5	-	-	-					
Private Investments	502.4	456.4	480.9	549.2	708.0					
Cash & Equivalents	149.1	123.3	92.3	121.5	141.6					
	\$ 5,521.2	\$ 4,880.7	\$ 4,857.7	\$ 5,280.6	\$ 5,663.8					

\*Real estate holdings in the form of Real Estate Investment Trusts are included in Equities.

Note: For these asset classifications, the Pooled Equity and Fixed Income accounts are included in their respective equity and fixed income asset classes; and, therefore, are different from the categories used in the financial section of pages 24-25.



# STATE OF DELAWARE STATE BOARD OF PENSION TRUSTEES AND OFFICE OF PENSIONS McArdle Building, Suite #1 860 Silver Lake Blvd. Dover, DE 19904-2402

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August 17, 2004

Dear Board Members, Participants, and Beneficiaries:

The Board of Pension Trustees' Investment Committee (Committee) oversees the investment of the retirement funds of the Delaware Public Employees' Retirement System (System). The Committee's investment oversight includes the nine retirement plans [State Employees', Special, New State Police, Judiciary, County & Municipal Police/Firefighters', County & Municipal Other Employees', Volunteer Firemen's, Diamond State Port Corporation, and Closed State Police] that the Board of Pension Trustees (Board) administers and the four commingled pension funds [County & Municipal Police/Firefighters' COLA, Post-Retirement Increase (PRI), Delaware Local Government Retirement Investment Pool (DELRIP), and State Employees' Post-Retirement Health Insurance Premium] that the Board manages.

The Committee consists of four members appointed by the Board. The Committee operates within the following investment objectives established by the Board:

- To realize a real return of 3% per year over long periods.
- To control portfolio risk so as to limit downside price fluctuation of the total System.
- To realize as high a rate of total return as possible consistent with all of the above.

Investment decisions are further dictated by the Board's internal investment policy which requires a minimum of 20% - 25% of the total assets of the System to be invested in fixed income investments, such as bonds, cash equivalents, and certain real estate investments. The Committee monitors this policy with the assistance of the Investment Advisor. Also, the Committee reviews prospective risk levels and rates of return of all classes of assets. Hence, the Committee assures investment diversification by selecting managers whose demonstrated performance reflects different management styles and asset class expertise. Most importantly, the Committee closely monitors the performance of all investment managers, not only in relation to specific absolute objectives, but also in relation to other fund managers following the same investment objectives.

Board Members, Participants, and Beneficiaties Page 2 August 17, 2004

The System returned 15.9% for Fiscal Year 2004. The total System's annualized rate of return over the last five, ten, and fifteen years was 4.4%, 10.6%, and 10.1%, respectively. As reported by a major performance ranking comparison service, the System's investment performance ranks in the second quartile for this fiscal year, in the first quartile of public funds for the five-year period, and in the top decile for the most recent ten-year period. For the period ending June 30, 2004, the System market value totaled \$5.5 billion representing an increase in assets from June 30, 2003 of \$640.5 million.

The investment climate during the latest fiscal year improved substantially over the prior three years. Despite subdued job growth in the first half of the fiscal year, corporate earnings benefited from the weaker dollar and consumer spending strength, which was boosted by low interest rates and lower taxes. With employment growth picking up in the second half of the fiscal year, the market's focus shifted to the potential for rising inflation and interest rates, even though corporate profit growth remained strong. The fiscal year return of the S&P 500 was 19.1% with most of the gain coming in the first six months. Contrasting the gains in stocks, bonds had a poor year, as signs of economic growth and potential inflation drove bond prices lower. Including coupon income, the Lehman Aggregate bond index had a fiscal year return of only 0.3%.

In a challenging long-term investment environment for both bonds and stocks, the Committee has persisted in its efforts to control risk and to diversify the assets of the System's portfolio. In light of this focus on risk control and diversification, the System's 15.9% investment return is a substantial improvement on recent years.

On behalf of our Trustees, we thank our dedicated professional staff at the Office of Pensions, our Investment Advisor, and our money managers, who all work diligently to assure the successful operation of the Board of Pension Trustees' Investment Committee. We also appreciate the many contributions of A. Herbert Nehrling, Jr., who in December, 2003, stepped down after 13 years' service as a member of the Investment Committee. Herb's overseas business experience served us well in monitoring our international investments, and he could be counted on for insightful and concise analysis that was right on target. In addition, we recall the participation and contributions of former Board Chair Ralph J. Adkins, who was a welcome addition to our committee. During his year of service, Ralph's experience in natural resource markets in particular, and the broader market dynamics as a whole, added greatly to Committee discussions.

Respectfully submitted,

Elva D. Ferrari

Elva B. Ferrari, Chair

Board of Pension Trustees' Investment Committee

## **Investment Activity**

The equity markets showed strong performance during Fiscal Year 2004, especially in the first half of the year. Bonds were negatively affected by the prospect of rising inflation and interests rates. For the fiscal year, the S&P 500 stock index returned 19.1% while the Lehman Aggregate bond index returned 0.3%.

For the fiscal year, the Delaware Public Employees' Retirement System (System) had a 15.9% rate of return. This performance ranks the System in the second quartile for this fiscal year, in the first quartile of public funds for the five-year period, and in the top decile for the most recent ten-year period.

Return data for the total System was calculated on a time-weighted basis in accordance with the standards of the Association for Investment Management & Research (AIMR). Valuations, where available, are based on published national securities exchanges prices.

## **Investment Philosophy and Objectives**

In the investment of public funds, adequate funding of employee pensions is a paramount concern. Excessive risk taking could jeopardize that funding. An appropriate balance must be struck between risks taken and returns sought to ensure the long-term health and affordability of the plans involved. For over 25 years, the System has been managed to control the extent of downside risk to which assets are exposed while maximizing the potential for long-term gain.

Specific investment objectives are:

- To realize a real return (System return less CPI) of 3% per year over long periods (about 15 years).
- To control portfolio risk so as to limit downside price fluctuation of the total System in any 12-month period.
- To realize as high a rate of total return as possible, consistent with all of the above.

To achieve these objectives, these investment policies are employed:

- Allocate a minimum of 20% 25% of assets to fixed income investments such as bonds, cash equivalents, and certain real estate investments.
- Maintain a widely diversified portfolio, so as to minimize the risk of overexposure to any one market sector or investment style.
- Closely monitor the performance of all investment managers against specific absolute objectives and in relation to other managers following the same investment objectives.

## **Investment Process**

While the objectives and policies have been repeatedly reaffirmed, the implementation process undergoes continuous evolution. The increasing volume of investment information and the complexities of the global marketplace necessitate the continuous development and use of advanced information systems. Ongoing enhancements are employed in every aspect of investment management, from asset allocation decisions to manager selection and performance measurement.

## **General Management**

During each year the Committee, with Board of Pension Trustees' (Board) oversight, carries out a number of general management practices to assure that the appropriate policies, controls, and resources are in place. Areas that are reviewed at least annually include:

- Investment objectives and policies based on an analysis of cash flow and liabilities.
- Management tools for decision making.
- Long-term risk and return levels for various investment options.
- Manager organizations, performance, transaction costs, fees and expenses, proxy voting procedures, and adherence to investment philosophy.
- System performance versus externally measured universes of similar funds.
- Internal and external audits.
- Contacts with other leading state investment funds to compare management practices.
- Policy objectives and performance of the Private Program (including venture capital, limited partnerships, and private convertible bonds).

### **Investment Results**

In Fiscal Year 2004, the investment process experienced:

- A time-weighted total return of 15.9% based on market values.
- Benefit and expense payments exceeded net employer and member contributions by \$128.3 million.
- Net investment earnings (investment earnings less investment expenses) of \$768.8 million.
- Increase in total Fund assets from \$4.881 billion to \$5.521 billion.
- Overall volatility well below that of an all common stock portfolio.

Funds are invested for long-term results and each single year's returns must be viewed in relation to longer periods.

						Five	Ten	Fifteen
						Years	Years	Years
-	Fi	scal Yea	rs Ending	June 30,		Ending	Ending	Ending
	2004	2003	2002	2001	2000	6/30/04*	6/30/04*	6/30/04*
Total System Return	15.9%	3.1%	(6.3%)	(5.1%)	16.8%	4.4%	10.6%	10.1%
Consumer Price Index (CPI)	3.2%	2.2%	1.0%	3.3%	3.7%	2.7%	2.5%	2.9%
Fund Real Return	12.7%	0.9%	(7.3%)	(8.4%)	13.1%	1.7%	8.1%	7.2%

\*All returns greater than one year are annualized.

Chart II on page 58 summarizes the total System and asset class segment returns for each of the last five fiscal years and the annualized returns for the 3-year and 5-year periods ending June 30, 2004.

Charts III and IV on page 59 show the quarterly cumulative total System performance for the 5-year and 10-year periods ending June 30, 2004 compared to indices representative of some of the asset classes in which the System invests.

One investment objective is to achieve an annualized rate of total return over any 15-year period that is at least 3 percentage points greater than inflation. The most recent 15-year result is a real rate of return of 7.2% (10.1% System return less 2.9% CPI) measured on a time-weighted basis. During this period, risk, as measured by relative volatility, was approximately 56.7% of the level that would have been experienced by a fund invested 100% in the S&P 500. The real rate of return from such a 100% stock portfolio would have been 8.4% (11.3% S&P 500 less 2.9% CPI). These are not typical real rates of return and should not be expected going forward. The last 15 years encompassed periods of exceptional returns in both the bond and stock markets which are unlikely to be repeated.

Periods Ending June 30, 2004
(All Returns Greater Than One Year Are Annualized)

	Five Years	Ten Years	Fifteen Years
Total System Return	4.4%	10.6%	10.1%
S&P 500 Index % Return	(2.2%)	11.8%	11.3%
Excess Return vs. S&P 500 Index	6.6%	(1.2%)	(1.2%)
Relative Risk vs. S&P 500 Index	58.0%	56.2%	56.7%

## **Asset Allocation** as of June 30, 2004 U.S. Equities 48.1% Intl. Equities 15.2% Cash & U.S. Bonds Equivalents 33.5% 2.7% Private Intl. Bonds Managed Investments 0.5% **Futures** 9.1% 1.9%

## **Asset Allocation**

Funds are deployed in diverse asset classes offering the desired risk and return characteristics in an effort to achieve stated investment objectives. The following chart illustrates the diversification of assets at the end of the fiscal year. The accompanying table shows the five-year history and trends in asset allocation. For these asset classifications, the Pooled Equity and Fixed Income accounts are included in their respective equity and fixed income asset classes; and, therefore, are different from the asset classes used in the financial section on pages 24-25.

	Fiscal Years Ended June 30,									
	2004	2003	2002	2001	2000					
U.S. Equities*	48.1%	51.6%	48.2%	44.9%	38.8%					
International Equities	15.2%	14.3%	11.9%	11.5%	12.4%					
U.S. Bonds	22.5%	19.5%	25.4%	28.1%	31.1%					
International Bonds	0.5%	0.6%	2.7%	2.8%	2.7%					
Managed Futures	1.9%	2.1%	-	-	-					
Private Investments	9.1%	9.3%	9.9%	10.4%	12.5%					
Cash & Equivalents	2.7%	2.6%	1.9%	2.3%	2.5%					

<sup>\*</sup>Real estate holdings in the form of Real Estate Investment Trusts (REITs) are included in equities.

Individual investment managers are selected for each asset class based on a rigorous set of performance and organizational criteria. In addition to a proven track record of managing a given class of assets, they must have a clearly stated and consistently applied investment policy and decision-making process, continuity of personnel, and a well-defined plan for retaining key personnel and controlling growth.

All investment managers are expected to meet and maintain a number of organizational criteria in order to continue as managers. During the fiscal year, two managers were hired, two existing managers were given additional funds, two managers were given different responsibilities, two managers were terminated, and five managers had assets under management reduced. Transition manager services were utilized for three changes in manager responsibility. In the area of private investments, one manager was given additional funds. At the end of the fiscal year, the money managers of the System and their responsibilities were:

Investment Manager	Responsibility	Calendar Year Retained
U.S Equities		
Advent Capital Management	Convertible Securities	2002
Armstrong Shaw Associates	Equities	2002
Barclays Global Investors	Equities	1977
Froley, Revy Investment Co.	Convertible Securities	1984
Granahan Investment Management	Equities	2002
Legg Mason Capital Management	Equities	2003
Mellon Capital Management	Equities	1984
Oaktree Capital Management	Convertible Securities	1995
T. Rowe Price Associates	Equities	1971
	_	1971
Trinity Investment Management	Equities	1982
International Equities		
Jarislowsky Fraser Limited	International Equities	2002
Mellon Capital Management	International Equities	1996
Mercator Asset Management	International Equities	2004
Oaktree Capital Management	International Convertible Securities	1995
U.S. Bonds		
Lincoln Capital Management	Fixed Income	1995
Mellon Capital Management	Fixed Income	1984
T. Rowe Price Associates	Fixed Income	1996
Loomis Sayles & Company LP	Fixed Income	1998
Managed Futures		
Mount Lucas Management	Managed Futures	2003
Private Investments		
Accel Partners	Venture Capital	1984
Advanced Technology Ventures	Venture Capital	1990
Brentwood Associates	Venture Capital	1983
The Carlyle Group	Private Equity	1996
Cherry Tree Ventures	Venture Capital	1984
Coller Isnard Ltd.	Venture Capital	1994
Flagship/One Liberty Ventures	Venture Capital	1982
MeriTech Capital Partners	Venture Capital	1999
Oaktree Capital Management	Distressed Debt; Emerging Markets	1997
ONSET Enterprise Associates	, , ,	1989
-	Venture Capital	
Pecks Management Partners	Private Equity	1986
Spectra Enterprise Associates	Venture Capital	1986
Summit Ventures	Venture Capital	1988
T. Rowe Price Recovery Fund	Distressed Debt	1988
T. Rowe Price Threshold Funds	Venture Capital	1984
Trident Capital	Venture Capital	1999
TCW Group	Distressed Debt	1990
Weston Presidio Capital	Venture Capital	1995
Cash & Equivalents		
Mercantile-Safe Deposit & Trust Co.	Cash & Equivalents	2002

## CHART I CALCULATED RETURNS

(dollar values expressed in thousands)

	(All return	s for periods į	greater than o	ne year are an	nualized.)	Five Years	Ten Years
		Fiscal Ye	ars Ended	June 30,		Ended	Ended
	2004	2003	2002	2001	2000	6/30/04	6/30/04
Beginning Fair Value	\$ 4,880.7	\$4,857.7	\$5,280.6	\$ 5,663.8	\$ 4,898.1	\$ 4,898.1	\$ 2,322.5
Net (Deductions)/Contributions	(128.3)	(126.6)	(109.1)	(96.1)	(58.7)	(518.8)	(653.0)
Net Investment Earnings*	768.8	149.6	(313.8)	(287.1)	824.4	1,141.9	3,851.7
Ending Fair Value	\$ 5,521.2	\$4,880.7	\$4,857.7	\$5,280.6	\$ 5,663.8	\$ 5,521.2	\$ 5,521.2
Time-Weighted Total Return on							
Fair Value	15.9%	3.1%	(6.3%)	(5.1%)	16.8%	4.4%	10.6%
Consumer Price Index	3.2%	2.2%	1.0%	3.3%	3.7%	2.7%	2.5%

<sup>\*</sup>Net Investment Earnings equals investment earnings less investment expenses

## CHART II INVESTMENT PERFORMANCE SUMMARY

	(111	, ,	turn are time		···· •1:- •1 )	Three	Three
	(All returns	for periods g Fiscal Yea	Years Ended	Years Ended			
	2004 2003 2002 2001 2000				6/30/04	6/30/04	
Total System 60% S&P 500 Index/35% SL Gov't-Corp	15.9%	3.1%	(6.3%)	(5.1%)	16.8%	3.9%	4.4%
Bond Index/5% Treasury Bills	11.0%	5.3%	(8.2%)	(5.1%)	6.4%	2.4%	1.6%
Consumer Price Index*	3.2%	2.2%	1.0%	3.3%	3.7%	2.1%	2.7%
Domestic And Private Equities **	21.7%	(2.4%)	(9.7%)	(8.7%)	33.6%	2.4%	5.5%
S&P 500 Index	19.1%	0.2%	(18.0%)	(14.8%)	7.4%	(0.7%)	(2.2%)
Russell 3000 Index	20.5%	0.8%	(17.2%)	(13.9%)	9.6%	0.2%	(1.0%)
International Equities **	19.6%	6.1%	(6.9%)	(7.6%)	19.6%	5.7%	5.5%
MSCI EAFE Index	32.4%	(6.5%)	(9.5%)	(23.6%)	17.2%	3.9%	0.1%
Fixed Income & Cash***	4.4%	12.9%	6.0%	8.5%	5.2%	7.7%	7.3%
Shearson Lehman Gov't/Corp.	(0.7%)	13.1%	8.2%	11.1%	4.3%	6.7%	7.1%
Pooled Equity & Fixed Income +	18.6%	3.8%	(7.3%)	(6.2%)	7.0%	4.5%	2.8%
60% S&P 500 Index/35% SL Gov't-Corp Bond Index/5% Treasury Bills	9.9%	7.5%	(7.7%)	(5.4%)	7.3%	2.9%	2.0%
60%MS World/40\$ Citi WGBond Index	16.5%	5.5%	(4.0%)	(13.5%)	8.7%	5.6%	2.1%

<sup>\*</sup> The total system benchmark is a return of 3% greater than CPI over any 15-year period.

<sup>\*\*</sup> Includes convertible securities and real estate investment trusts excludes equity portions of Pooled Equity & Fixed Income portfolios.

<sup>\*\*\*</sup> Excludes fixed income and cash portions of Pooled Equity & Fixed Income portfolios.

<sup>+</sup> Comprises investment accounts which tactically rebalance among stocks, bonds, and cash (including foreign stocks, bonds, and cash) to optimize the risk/return characteristics of the mix. The underlying assets in these accounts are generally passively invested in index vehicles.

CHART III
TOTAL RETURN PERFORMANCE COMPARISON - 5 YEARS

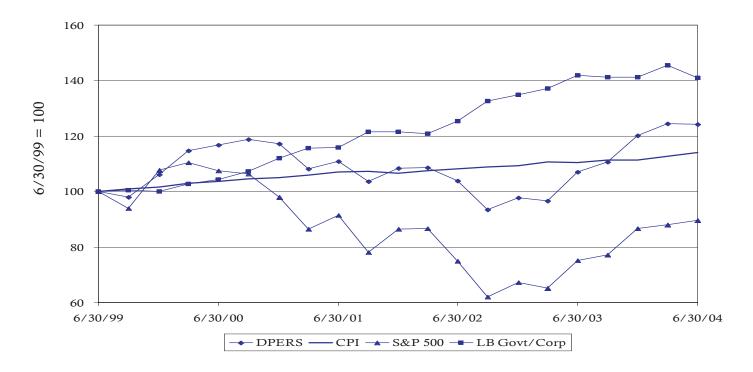
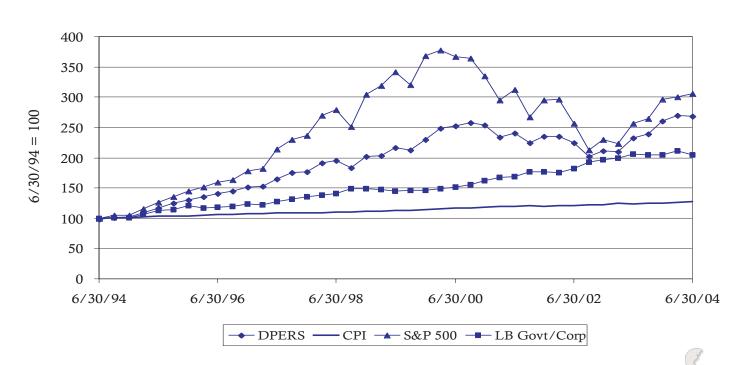


CHART IV
TOTAL RETURN PERFORMANCE COMPARISON - 10 YEARS



## INVESTMENT SUMMARY AND SCHEDULE OF INVESTMENT FEES

(Dollar values expressed in thousands)

	Mark	Market Value as of		Percent of Total		1 FY2004	Basis
Equities		Ju	ne 30, 2004	Investment Assets	Investn	nent Fees	Points
U.S. Equities		\$	2,655,710	48.1%	\$	7,859	
International Equities		Ψ	839,227	15.2%	4	3,824	
Sub-Tota	a1	\$	3,494,937	63.3%	\$	11,683	
Fixed Income		7	-,		•	,_,_	
U.S. Bonds			1,242,276	22.5%		1,957	
International Bonds			27,606	0.5%		163	
Sub-Tota	al	\$	1,269,882	23.0%	\$	2,120	
Other Asset Allocations							
Managed Futures			104,903	1.9%		438	
Private Investments			502,432	9.1%		554	
Cash & Equivalents			149,073	2.7%		56	
Sub-Tota	al		756,408	13.7%	\$	1,048	
Other Investment Services							
Custodian/Investment Advisor Fees			-	-		1,951	
Pension Office Support Staff Expenses						293	
Sub-Total	al				\$	2,244	
		\$	5,521,227	100.0%	\$	17,095	32 bp

<sup>\*</sup> Other fees include Private Investment and Transition Management fees detailed on page 36. These fees have been excluded from the basis points calculation since they have already been netted from income. Basis point calculation is the weighted average based on the quarterly fund valuations.

## Glossary of Terms Used

### Fair Value (Market Value):

The value at which an investment could be sold in a transaction between a willing buyer and a willing seller. All assets with regularly traded markets are shown at the fair value as determined by the custodian bank based on quoted market values. All other assets are adjusted to market value monthly except venture capital which is adjusted at least quarterly based on individual partnership procedures, and any private placement or partnership participation where values are supplied periodically by the respective management organizations in accordance with established procedures.

## Time-Weighted Total Return:

The measure used for judging investment management of the System. It is based on market value and minimizes or eliminates any distortion in the rate of return caused the the timing of cash flows into or out of the System.

### **Private Investments:**

Private Investments include investments in Venture Capital, Private Equity, and certain Convertible Securities.

LIST OF LARGEST ASSETS DIRECTLY HELD\*
AS OF JUNE 30, 2004 (excludes investments in pooled vehicles)

Equities (Includes Convertibles)	Market Value	% of Total Fund	Shares/Par (\$)
NEWMONT MNG CORP (NEW)	\$ 15,026,748	0.27%	387,687 shares
NEXTEL COMMUNICATIONS INC	14,964,258	0.27%	561,300 shares
DEVON ENERGY CORPORATION	14,711,994	0.27%	222,909 shares
EXXON MOBIL CORP	13,924,578	0.25%	313,546 shares
MURPHY OIL CORP	13,597,650	0.25%	184,500 shares
BP PLC	13,376,429	0.24%	249,700 shares
ROYAL DUTCH PETE CO	13,098,345	0.24%	253,500 shares
AMAZON.COM INC	13,056,000	0.24%	240,000 shares
TYCO INTL LTD NEW	12,361,220	0.22%	373,000 shares
NUCOR CORP	12,204,840	0.22%	159,000 shares
То	\$ 136,322,062	2.47%	

Fixed Income		Market Value	% of Total Fund	Par (\$)
UNITED STATES TREAS NTS 3/375% 12/15/2008		\$ 10,977,553	0.20%	\$ 11,120,000
UNITED STATES TREAS NTS 1.875% 12/31/2005		9,915,600	0.18%	\$ 10,000,000
STEAMBOAT FDG CORP 1.350% 7/9/2004		8,996,962	0.16%	\$ 9,000,000
UNITED STATES TREAS NTS 7.70% 7/15/2006		8,337,071	0.15%	\$ 7,695,000
INTL BK RECON DEVELOP ZERO COUPON 8/20/2007		8,203,980	0.15%	\$ 15,821,000
FED REPUBLIC OF BRAZIL 8/250% 1/20/2034		8,011,335	0.15%	\$ 10,590,000
JNITED STATES TREAS NTS 6.875% 5/15/2006		7,928,864	0.14%	\$ 7,365,000
FPE HOLDINGS 12.5% 11/19/2006		7,656,250	0.14%	\$ 7,656,250
DEXIA DEL LLC 1.875% 12/15/2004		7,492,533	0.14%	\$ 7,500,000
PFIZER INC 1.090% 7/19/2004		7,389,918	0.13%	\$ 7,400,000
	Total	\$ 84,910,066	1.54%	

 $<sup>{}^{*}\</sup>textit{A complete list of portfolio holdings is available for review upon request.}$ 

## SCHEDULE OF BROKER COMMISSIONS\*

The System has no commission recapture, directed payment, or "soft dollar" arrangements; however, such arrangements may exist between brokers and investment managers. During Fiscal Year 2004, the System received \$20,000 in unsolicited commission recapture. Broker selection is the responsibility of individual investment managers. Broker commissions during this fiscal year increased due to rebalancing asset allocation, changing manager responsibilities, and, to a greater extent, the use of transition managers for trading less liquid assets.

The following is a list of brokers who received \$20,000 or more in commissions during Fiscal Year 2004.

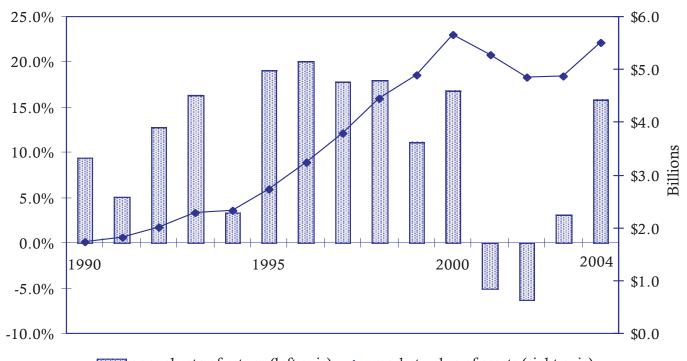
	# of	Commission	Total Dollar Tota
Broker	Shares	Per Share	Amount of Trades Commission
DEUTSCHE BANK SECURITIES INC	7,137,415	\$0.15	\$ 225,231,164.22 \$ 1,100,859.43
SALOMON SMITH BARNEY INC.	9,731,058	\$0.07	265,444,310.26 679,147.14
GOLDMAN SACHS & CO	5,345,510	\$0.05	87,760,978.39 264,814.40
B-TRADE SECURITIES LLC	7,290,570	\$0.02	147,534,022.64 144,148.70
LEHMAN BROTHERS INC	4,639,850	\$0.03	95,889,398.30 133,953.78
CREDIT SUISSE FIRST BOSTON CORP	3,368,500	\$0.03	57,093,827.22 117,686.53
INVESTMENT TECHNOLOGY GROUP	4,846,746	\$0.02	95,425,005.25 96,634.00
MERRILL LYNCH PEIRCE FENNER SMITH	2,025,411	\$0.05	54,769,895.43 92,334.50
BEAR STEARNS & CO INC	1,888,809	\$0.05	40,881,718.57 88,961.97
AUTRANET INC.	2,117,907	\$0.04	31,307,276.16 83,489.28
CIBC OPPENHEIMER CORP	1,761,800	\$0.04	28,070,682.63 71,456.80
UBS SECURITIES LLC	1,558,435	\$0.04	40,493,340.08 68,442.56
CANTOR FITZGERALD & CO	1,607,077	\$0.04	29,000,569.74 67,362.68
JEFFERIES & CO INC	1,447,372	\$0.05	28,686,376.00 65,328.85
DB CLEARING SECURITIES	1,200,000	\$0.05	10,399,566.79 56,736.71
SCHWAB (CHARLES) & CO	1,371,180	\$0.04	21,634,471.66 55,727.20
MORGAN STANLEY & CO	1,606,597	\$0.03	64,756,632.27 53,544.95
LEGG MASON WOOD WALKER	2,048,437	\$0.03	76,214,066.63 52,350.85
SPEAR, LEEDS, & KELLOGG	1,881,650	\$0.03	9,749,965.90 47,102.75
WEEDEN & COMPANY	1,097,338	\$0.04	24,121,986.66 46,193.72
FIRST ALBANY CORP	933,300	\$0.05	12,634,420.22 45,277.00
LIQUIDNET INC	1,880,976	\$0.02	40,340,351.33 37,619.52
PRUDENTIAL EQUITY GROUP	933,660	\$0.04	32,754,521.26 32,898.50
STANDARD & POOR'S SECURITIES INC	513,600	\$0.05	11,275,161.78 25,680.00
FACTSET DATA SYSTEMS INC/BCC CLR	527,000	\$0.05	9,367,710.06 25,511.00
O'NEIL WILLIAM & CO INC/BCC CLRG	545,900	\$0.05	8,380,119.28 25,287.00
VANDHAM SECURITIES CORP	473,700	\$0.05	10,735,244.30 23,685.00
JP MORGAN	570,500	\$0.04	9,068,520.99 22,342.78
U.S. BANCORP PIPER JAFFRAY INC	476,000	\$0.05	8,220,764.10 21,784.00
ALL OTHERS (137 BROKERS NOT LISTED)	16,373,317	\$0.04	360,658,100.41 721,551.05
TOTALS	87,199,615		\$ 1,937,900,168.53 \$ 4,367,912.65
Average Commission, Per Share		\$ 0.05	

 $<sup>{\</sup>it *A complete list of broker commissions is available for review upon request.}$ 

## DELAWARE PUBLIC EMPLOYEES' RETIREMENT SYSTEM

## ANNUAL MARKET VALUE OF FUND AND RATE OF RETURN

FOR THE 15-YEAR PERIOD 1990-2004



annual rate of return (left axis) — market value of assets (right axis)

This section was prepared by the Pension Office staff with input from the Board of Pension Trustees, the Investment Committee, and the Investment Advisor.

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## **Actuarial Section**

A MILLIMAN BLOBAL FIRM



September 2, 2004

Board of Pension Trustees

Oelaware Public Employees' Retirement System
McArdle Building
860 Silver Lake Blvd., Suite 1

Dover, DE 19904-2402

Dear Board Members:

At your request, we have prepared our annual actuarial valuations of each of the funded pension plans administered by the Board as of June 30, 2004. The results of these valuations are contained in this report. Any distribution of this report must be in its entirety, including this cover latter, unless prior written consent is obtained.

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ndington DC Area Cilice 00 Towers Creecest Drive, Suite 1009 mm. VA 22 153-6209

ax+1 410 468,4023

Tel +1 703 917.0143 Fex +1 705 627.0266

Funding Objective

The funding objective of the System is to establish contribution rates which, over time, will remain level as a percent of payroll. In order to achieve this, we developed a contribution rate which will provide for current cost (i.e., normal cost expressed as a level percent of payroll) plus level percent of payroll amortizations of each layer of the unfunded liability over a specified period. In addition, unfunded liabilities due to cost-of-living adjustments to retiress are funded through a schedule of future transfers from the Poet-Retirement Increase Fund.

To our knowledge, the State has consistently funded the full amounts required based on the actuarial valuations and apacific statutory provisions.

## Assumptions and Methods

Milliman recommended, and the Board of Trustees adopted, the actuarial essumptions and methods used in these valuations based on our experience study completed during the fiscal year ended June 30, 2004. The investment return essumption was set by the Board based on advice from its investment consultant.

We believe that all costs, liabilities, rates of interest, and other factors for the System have been determined on the basis of actuarial assumptions and methods which are individually reasonable (taking into account the experience of the System and researche expectations) and which, in combination, offer our best estimate of anticipated experience affecting the System. Nevertheless, the emerging costs will vary from those presented in this report to the extent that actual experience differs from that projected by the actuarial assumptions.

Actuarial computations presented in this report are for purposes of datermining the recommended funding emounts for the System. Actuarial computations under GASB Statements No. 25 and 27 are for purposes of fulfilling financial accounting requirements. The computations prepared for these two purposes may differ. The calculations in the enclosed exhibits have been made on a basis consistent with our understanding of the System's funding requirements and goals, and of GASB Statements No. 25 and 27. Determinations for purposes other than meeting these requirements may be significantly different from the results contained in this report. Accordingly, additional determinations may be needed for other purposes.

OFFICES IN PRINCIPAL CITIES WORLDWIDE



Board of Pension Trustees September 2, 2004 Page 2

### Reliance on Others

In performing this anetysis, we relied on data and other information provided by the Delawere State Pennion Office. We have not audited or verified this data and other information. If the underlying data or information is inaccurate or incomplete, the results of our analysis may likewise be inaccurate or incomplete.

We performed a limited review of the data used directly in our analysis for reasonableness and consistency and have not found material defects in the data. If there are material defects in the data, it is possible that they would be uncovered by a detailed, systematic review and comparison of the data to search for data values that are questionable or for relationables that are materially inconsistent. Such a review was beyond the scope of our assignment.

### Supporting Schedules

Milliman provided the figures disclosed in Schedule 1 of the Supporting Schedules to the Financial Section and the Notes to Trend Data. In addition, we were responsible for the following schedules found in the Actuarial Section: Actuarial Assumptions and Methods, Schedule of Active Member Valuation Data, and Solvency Test.

### Certification

I believe the State's pension plane are adequately and appropriately financed, in that the contributions are determined and funded on a level cost as a percentage of payroll basis using responsible actuarial methods and assumptions.

I hereby certify that, to the best of my knowledge, this report is complete and accurate and has been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the applicable Guides to Professional Conduct, Amplifying Opinions, and Supporting Recommendations and Interpretations of the American Academy of Actuaries. I am a member of the American Academy of Actuaries and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein.

Sincerely,

Millman, Inc.

Thereas R. Leatherbury, FSA, MAAA, EA

Conculting Actuary

OFFICES IN PRINCIPAL CITIES WORLDWIDE

## **Actuarial Assumptions and Methods**

### **Asset Valuation Method**

The market value of assets, representing the realizable value of the assets on a particular day, is not necessarily an appropriate value for the purpose of setting contribution rates. This is because funding will take place over a long period of time during which market values can be expected to fluctuate significantly from year to year. If market values were used to develop contribution rates, the resulting contribution rates would also fluctuate from year to year.

In order to produce a stable pattern of contribution rates, market values are adjusted to remove some of the volatility. The actuarial value of assets is equal to 1/5th of the market value plus 4/5th of the expected value, where the expected value is equal to last year's actuarial value and subsequent cash flows into and out of the fund accumulated with interest at the valuation rate.

## **Funding Method**

We used the Aggregate Entry Age Normal Method to determine costs for all plans. Under an Entry Age method, a total contribution rate is determined which consists of two elements, the normal cost rate and the unfunded liability rate (UAL). In addition, the overall contribution rate includes a provision for the plan's expenses.

For each State plan, an Entry Age Normal cost rate is determined for a typical member of each respective plan. This rate represents the member's expected future employer-paid normal costs divided by his expected future salary.

In addition to contributions required to meet the normal cost, contributions are required to meet each plan's unfunded actuarial liability. Actuarial liability equals the present value of future benefits less the present value of future normal costs and future employee contributions. The unfunded liability is the total actuarial liability for all members less the actuarial value of the System's assets.

A portion of the unfunded liability will be paid through future, scheduled transfers from the Post-Retirement Increase Fund over a five-year period. These transfers will cover the liability increases due to the cost-of-living increases granted on July 1, 1999, July 1, 2000, July 1, 2001, September 1, 2003, and July 1, 2004.

The remaining unfunded actuarial liability will be amortized over the next 15 years for the State Employees' Plan, 17 years for the Judiciary Plan, 16 years for the State Police Plan, 23 years for the Volunteer Firemen's Plan and 18 years for the Diamond State Port Corporation plan through the unfunded liability amortization component of the total contribution.

## **Actuarial Assumptions**

Milliman recommended, and the Board of Trustees adopted, the actuarial assumptions for the actuarial valuation based on our experience study completed in 2004. Differences between assumed and actual experience (actuarial gains and losses) are part of the unfunded actuarial liabilities. The following significant assumptions were used in the actuarial valuations as of July 1, 2004:

- 1. Rate of return on investments:
  - a. Old assumption: 8.5% compounded annually (adopted 1990).
  - b. New assumption: 8.0% compounded annually (adopted 2004).
- 2. Salary increases attributable to inflation:
  - a. Old assumption: 5.00% compounded annually (adopted 1983).
  - b. New assumption: 3.75% compounded annually (adopted 2004).
- 3. Salary increases attributable to merit and productivity:
  - a. Old assumption: Increases for State Employees ranging from ½% to 5% per year (adopted 1985).
  - b. New assumption: Increases for State Employees ranging from ½% to 6.14% per year (adopted 2004).

## 4. Mortality:

- a. Old assumption: Rates of mortality based on the 1983 Group Annuity Mortality Table in all cases except for the Diamond State Port Corporation plan which used the UP-84 Mortality Table with ages set forward two years for males and set back three years for females (adopted 1984).
- b. New assumption: Rates of mortality vary by plan and gender. Assumption anticipates future improvements in mortality through the use of a projection scale (adopted 2004). The projection scale is a mechanism that anticipates improvements in mortality rates in the future. Sample rates from the State Employees plan are as follows:

	Old A	Old Assumptions		ssumptions	Projection Scale		
Age	Male	Female	Male	Female	Male	Female	
35	0.09%	0.05%	0.18%	0.06%	0.50%	1.10%	
40	0.12%	0.07%	0.25%	0.09%	0.80%	1.50%	
45	0.22%	0.10%	0.35%	0.14%	1.30%	1.60%	
50	0.39%	0.16%	0.48%	0.21%	1.80%	1.70%	
55	0.61%	0.25%	0.61%	0.30%	1.90%	0.80%	
60	0.92%	0.42%	0.90%	0.49%	1.60%	0.50%	

- 5. Rates of termination of service, disablement, and retirement:
  - a. Old assumption: Based on previous experience study, as modified over time.
  - b. New assumption: Based on the results of the Experience Study completed in 2004 (adopted 2004).
- 6. Aggregate active member payroll:
  - a. Old assumption: 4.00% annually (adopted 1976).
  - b. New assumption: 3.75% annually (adopted 2004).

## Summary of Plan Provisions and Changes in Plan Provisions

The plans valued are those described on pages 29-32 of the Financial Section. In five of the plans, there was a plan amendment not reflected in the aforementioned plan descriptions. The following plans were amended to grant an ad hoc post-retirement benefit increase to most retirees currently receiving benefits:

The State Employees' Pension Plan

The Special Pension Plan

The New State Police Pension Plan

The Judiciary Pension Plan

The County & Municipal Police and Firemen's Pension Plan

In addition, the New State Police Plan was amended to provide immediate commencement of retirement benefits for members who reach age 55 with less than 20 years of service. Prior to the plan change, members who reached age 55 with less than 20 years of service were required to leave employment and wait until age 62 to commence benefits.

The benefit increases and the New State Police plan change are reflected in the liabilities shown as of June 30, 2004.

## SCHEDULE OF ACTIVE MEMBER VALUATION DATA

			Annualized		
	Fiscal Year	Number of	<b>Covered Payroll</b>	Annual	% Increase
Plan	Ended	Members	(expressed in thousands)	Average Pay	in Average Pay
State Employees'	30-Jun-2004	32,498	\$ 1,399,279	\$ 43,057	1.2%
	30-Jun-2003	31,877	1,355,800	42,532	0.6%
	30-Jun-2002	31,951	1,351,112	42,287	6.5%
	30-Jun-2001	31,989	1,270,632	39,721	5.2%
	30-Jun-2000	31,740	1,198,626	37,764	6.1%
	30-Jun-1999	31,634	1,125,857	35,590	(0.1%)
Special	The Specia	1 Plan has no 1	Active Members		
New State Police	30-Jun-2004	591	\$ 36,718	\$ 62,129	13.2%
	30-Jun-2003	579	31,778	54,884	0.2%
	30-Jun-2002	553	30,281	54,758	6.8%
	30-Jun-2001	539	27,624	51,250	5.7%
	30-Jun-2000	527	25,558	48,497	6.4%
	30-Jun-1999	516	23,518	45,578	5.3%
Judiciary	30-Jun-2004	52	\$ 7,672	\$ 147,539	4.9%
	30-Jun-2003	51	7,173	140,647	1.7%
	30-Jun-2002	50	7,329	138,283	8.5%
	30-Jun-2001	49	6,371	127,420	7.8%
	30-Jun-2000	48	5,794	118,245	0.1%
	30-Jun-1999	47	5,673	118,118	8.5%

## SCHEDULE OF ACTIVE MEMBER VALUATION DATA (continued)

			Annualized		
	Fiscal Year	Number of	Covered Payroll		
Plan	Ended	Members	(expressed in thousands)	Average Pay	in Average Pay
County & Municipal	30-Jun-2004	563	\$ 27,930	\$ 49,609	15.6%
Police and Firefighters'	30-Jun-2003	562	24,128	42,932	1.6%
	30-Jun-2002	505	21,342	42,261	4.1%
	30-Jun-2001	483	19,605	40,590	3.4%
	30-Jun-2000	459	18,011	39,240	4.9%
	30-Jun-1999	407	15,230	37,420	13.1%
County & Municipal	30-Jun-2004	221	\$ 7,474	\$ 33,819	10.6%
Other Employees'	30-Jun-2003	203	6,209	30,586	8.2%
	30-Jun-2002	90	2,545	28,278	4.9%
	30-Jun-2001	85	2,292	26,965	(0.4%)
	30-Jun-2000	74	2,004	27,081	9.5%
	30-Jun-1999	69	1,706	24,725	8.9%
Volunteer Firemen's	30-Jun-2004	5,055	-	-	-
	30-Jun-2003	4,933	-	-	-
	30-Jun-2002	4,856	-	-	-
	30-Jun-2001	4,769	-	-	-
	30-Jun-2000	4,579	-	-	-
	30-Jun-1999	4,706	-	-	
Diamond State Port	30-Jun-2004	259	\$ 8,950	\$ 34,556	4.4%
Corporation	30-Jun-2003	261	8,636	33,088	1.0%
	30-Jun-2002	280	9,354	33,407	3.4%
	30-Jun-2001	272	8,788	32,309	(4.9%)
	30-Jun-2000	227	7,715	33,987	(7.9%)
	30-Jun-1999	207	7,637	36,894	0.3%
Closed State Police	30-Jun-2004	27	\$ 2,608	\$ 96,593	
	30-Jun-2003	32	2,869	89,656	15.5%
	30-Jun-2002	40	3,105	77,625	7.6%
	30-Jun-2001	45	3,247		
	30-Jun-2000	57	3,888	68,211	3.8%
	30-Jun-1999	75	4,930	65,733	4.6%

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

							% Increase	Average
Tr.	Fiscal Year	A 440.0	D 1 .1	Year-end	Annual Allo			Annual
Plan		Additions		Total	(expressed in	•		wances
State Employees'	30-Jun-2004	1,356	708	17,612	\$	243,238		\$ 13,811
	30-Jun-2003	1,344	613	16,964		217,126	11.4%	12,799
	30-Jun-2002	1,241	659	16,233		194,824	11.1%	12,002
	30-Jun-2001	1,174	722	15,651		175,312	10.2%	11,201
	30-Jun-2000	1,135	611	15,199		159,122	9.4%	10,469
	30-Jun-1999	1,076	536	14,675		145,391	9.3%	9,907
Special	30-Jun-2004	-	3	31	\$	119	(1.7%)	\$ 3,839
	30-Jun-2003	2	4	34		121	(15.4%)	3,559
	30-Jun-2002	1	4	36		143	5.9%	3,972
	30-Jun-2001	2	5	39		135	1.5%	3,462
	30-Jun-2000	-	1	42		133	0.8%	3,167
	30-Jun-1999	2	4	43		132	5.6%	3,070
New State Police	30-Jun-2004	9	-	33	\$	922	33.8%	\$ 27,939
	30-Jun-2003	9	1	24		689	87.7%	28,708
	30-Jun-2002	6	1	16		367	27.0%	22,938
	30-Jun-2001	6	-	11		289	74.1%	26,273
	30-Jun-2000	-	-	5		166	46.9%	33,200
	30-Jun-1999	_	-	5		113	(7.4%)	22,600
Judiciary	30-Jun-2004	1	3	37	\$	2,177	10.5%	\$ 58,838
	30-Jun-2003	3	1	39		1,971	3.4%	50,538
	30-Jun-2002	2	3	37		1,907	(2.2%)	51,541
	30-Jun-2001	4	3	38		1,949	18.7%	51,289
	30-Jun-2000	5	1	37		1,642	9.6%	44,378
	30-Jun-1999	3	-	33		1,498	10.5%	45,394
County & Municipal	30-Jun-2004	8	-	23	\$	477	95.5%	\$ 20,739
Police and Firefighters'	30-Jun-2003	4	-	15		244	49.7%	16,267
	30-Jun-2002	1	1	11		163	7.9%	14,818
	30-Jun-2001	6	-	11		151	118.8%	13,727
	30-Jun-2000	-	-	5		69	6.2%	13,800
	30-Jun-1999	2	-	5		65	85.7%	13,000

## SCHEDULE OF RETIRANTS AND BENEFICIARIES ADDED TO AND REMOVED FROM ROLLS (continued)

							% Increase		verage
701	Fiscal Year	A # #0.0	To 1 .1	Year-end	Annual Allow				Annual
Plan	Ended	Additions	Deletions	Total	(expressed in th	ousands).	Allowances	Allo	wances
County & Municipal	30-Jun-2004	1	-	15	\$	61	17.3%	\$	4,067
Other Employees'	30-Jun-2003	3	-	14		52	26.8%		3,714
	30-Jun-2002	1	-	11		41	57.7%		3,727
	30-Jun-2001	1	-	10		26	23.8%		2,600
	30-Jun-2000	1	-	9		21	50.0%		2,333
	30-Jun-1999	1	-	8		14	(6.7%)		1,750
Volunteer Firemen's	30-Jun-2004	81	68	1,210	\$	1,108	4.8%	\$	916
	30-Jun-2003	78	50	1,197		1,057	3.8%		883
	30-Jun-2002	86	48	1,169		1,018	4.8%		871
	30-Jun-2001	60	32	1,131		971	5.5%		859
	30-Jun-2000	66	42	1,103		920	3.4%		834
	30-Jun-1999	73	33	1,079		890	6.5%		825
Diamond State Port	30-Jun-2004	3	1	21	\$	199	17.1%	\$	9,476
Corporation	30-Jun-2003	6	1	19		170	(8.1%)		8,947
	30-Jun-2002	4	-	14		185	88.8%		13,214
	30-Jun-2001	3	-	10		98	30.7%		9,800
	30-Jun-2000	1	1	7		75	(14.8%)		10,714
	30-Jun-1999	2	1	7		88	66.0%		12,571
Closed State Police	30-Jun-2004	11	9	558	\$	18,901	2.6%	\$	33,873
	30-Jun-2003	18	10	556		18,429	4.1%		33,146
	30-Jun-2002	10	10	548		17,705	3.9%		32,308
	30-Jun-2001	13	6	548		17,040	6.0%		31,095
	30-Jun-2000	22	4	541		16,078	3.9%		29,719
	30-Jun-1999	21	14	523		15,481	3.1%		29,600

<sup>\*</sup> Includes annual allowances added to and removed from the rolls during Fiscal Year 2004.

**S**OLVENCY TEST

	Aggregate Accrued Liabilities for											
			Active	_			ve Member				on of A	
	T7 1 .1	Cont	Member	R	etirants &	Employe	r Financed			_	lities C	
Plan	Valuation. Date	Conti	(1)	De	(2)	Col	ntributions (3)	0	f Reported. Assets	(1)	ported (2)	(3)
State Employees'	30-Jun-2004	\$		\$	2,437,522	\$	2,395,791	\$	5,387,560	•		107%
State Employees	30-Jun-2003	Ψ	375,385	Ψ	2,025,080	Ψ	2,394,479	Ψ	5,125,442			114%
	30-Jun-2002		361,334		1,768,363		2,392,035		4,956,156			11470
	30-Jun-2001		343,466		1,597,526		2,291,252		4,759,031			123%
	30-Jun-2000		325,684		1,453,396		1,990,516		4,409,079			132%
	30-Jun-1999		307,831		1,333,509		1,708,787		3,888,852			132%
Special	30-Jun-2004	\$	-	\$	785	\$	-	\$	933		119%	
Special	30-Jun-2003	Ψ	_	Ψ	768	Ψ	_	Ψ	1,009		131%	_
	30-Jun-2002		_		742		_		1,832		247%	_
	30-Jun-2001		_		993		_		1,866		188%	_
	30-Jun-2000		_		834		_		1,834		220%	_
	30-Jun-1999		_		826		-		1,720		208%	_
New State Police	30-Jun-2004	\$	22,194		\$ 13,036	\$	93,702	\$	134,507			106%
	30-Jun-2003		19,405		7,808		79,059		120,457	100%	100%	118%
	30-Jun-2002		16,838		5,057		70,033		109,615	100%	100%	125%
	30-Jun-2001		14,571		2,909		62,560		99,138	100%	100%	131%
	30-Jun-2000		12,600		1,495		54,272		86,810	100%	100%	134%
	30-Jun-1999		10,680		1,319		42,714		72,425	100%	100%	141%
Judiciary	30-Jun-2004	\$	2,763		\$ 18,817	\$	17,284	\$	32,841	100%	100%	65%
	30-Jun-2003		2,498		18,447		11,374		30,961	100%	100%	88%
	30-Jun-2002		2,300		15,705		12,117		29,049	100%	100%	91%
	30-Jun-2001		1,932		16,622		11,081		27,231	100%	100%	78%
	30-Jun-2000		1,803		14,727		11,578		24,884	100%	100%	72%
	30-Jun-1999		1,064		12,131		12,207		21,256	100%	100%	66%
County & Municipal	30-Jun-2004	\$	9,334		\$ 5,656	\$	30,214	\$	48,893	100%	100%	112%
Police and	30-Jun-2003		7,682		2,928		26,088		41,228	100%	100%	117%
Firefighters'	30-Jun-2002		6,114		1,838		22,392		35,053	100%	100%	121%
	30-Jun-2001		4,748		1,950		22,767		29,389	100%	100%	100%
	30-Jun-2000		3,287		643		19,652		23,496	100%	100%	100%
	30-Jun-1999		2,096		643		14,958		17,271	100%	100%	97%

## **SOLVENCY TEST** (continued)

		Aggregate Accrued Liabilities for										
			Active				ive Member			Portion		
							er Financed					
Dlan	Valuation Date			Вє	eneficiaries	Co	ntributions	of	Reported			
<u>Plan</u>			(1)	ф	(2)	ф	(3)	ф.	Assets	, ,	(2)	
County & Municipal	30-Jun-2004		626	\$		\$	2,065	\$	,	100%		
Other Employees'	30-Jun-2003		502		499		2,331		,	100%		
	30-Jun-2002		314		355		2,147		3,033	100%	100%	110%
	30-Jun-2001		283		283		1,923		2,794	100%	100%	93%
	30-Jun-2000		227		185		2,192		2,410	100%	100%	91%
	30-Jun-1999		180		144		1,948		1,783	100%	100%	75%
Volunteer Firemen's	30-Jun-2004	\$	3,918	\$	8,842	\$	9,190	\$	10,121	100%	70%	-
	30-Jun-2003		3,660		7,946		4,013		9,644	100%	75%	-
	30-Jun-2002		3,419		7,574		3,947		9,333	100%	78%	-
	30-Jun-2001		2,308		7,186		4,343		9,022	100%	93%	-
	30-Jun-2000		2,784		6,887		3,757		8,412	100%	82%	-
	30-Jun-1999		2,744		6,655		3,678		7,447	100%	71%	
Diamond State Port	30-Jun-2004	\$	1,217	\$	2,057	\$	5,775	\$	8,140	100%	100%	84%
Corporation	30-Jun-2003		1,105		1,461		4,490		7,328	100%	100%	106%
	30-Jun-2002		997		1,252		4,368		6,675	100%	100%	101%
	30-Jun-2001		670		913		4,035		6,044	100%	100%	111%
	30-Jun-2000		626		584		4,012		5,188	100%	100%	99%
	30-Jun-1999		542		624		3,785		4,171	100%	100%	79%
Closed State Police	30-Jun-2004	\$	1,200	\$	267,614	\$	16,230	\$	2,979	100%	1%	-
	30-Jun-2003		1,376		290,867		26,007		2,322	100%	-	-
	30-Jun-2002		1,643		288,736		28,308		2,036	100%	-	-
	30-Jun-2001		2,757		274,477		28,960		1,749	63%	-	-
	30-Jun-2000		3,248		264,722		34,825		1,468	45%	-	-
	30-Jun-1999		4,021		256,445		43,970		1,164	29%	-	_

#### ANALYSIS OF FINANCIAL EXPERIENCE FOR THE STATE EMPLOYEES PENSION PLAN

#### GAINS/(LOSSES) IN ACCRUED LIABILITY DURING YEARS ENDED JUNE 30, RESULTING FROM DIFFERENCES BETWEEN ASSUMED EXPERIENCE AND ACTUARIAL EXPERIENCE (expressed in thousands)

_	Gain/(Loss) for the Fiscal Years Ended June 30,					
Type of Activity	2004	2003+	2002	2001	2000	1999
Investment Income on Actuarial Assets	(34,720)	(118,978)	(80,148)	74,705	254,955	202,925
Combined Liability Experience	(53,146)	23,631	(2,626)	(182,632)*	4,349	39,854
Gain/(Loss) During Year from						
Financial Experience	(87,866)	(95,347)	(82,774)	(107,927)	259,304	242,779
Non-Recurring Items	(137,125)	(42,713)	-	(12,431)**	(202,468)	(41,170)
Composite Gain/(Loss) During Year	(224,991)	(138,060)	(82,774)	(131,358)	56,836	201,609

<sup>\*</sup> Includes \$206 million in plan changes being treated as actuarial loss for funding purposes.

<sup>\*\*</sup>Increase of 1.5% funded from PRI Fund.

<sup>+</sup> Certain information for Fiscal Year 2003 has been revised.

## **Statistical Section**

## SCHEDULE OF ADDITIONS BY SOURCE

				Transfer of	Transfer of	
	Fiscal Year	E	mployer	Contributions	Assets from	Member
Plan	Ended	Contr	ibutions	From PRI Fund	Outside the System	Contributions
State Employees'	2004	\$	57,459	27,790	1,500	36,007
	2003		40,175	25,878	-	35,130
	2002		18,148	31,994	-	33,477
	2001		20,542	38,191	-	31,888
	2000		43,433	33,498	-	29,659
	1999		52,338	30,933	-	26,932
Special	2004	\$	-	-	-	-
	2003		-	-	-	-
	2002		-	-	-	-
	2001		-	-	-	-
	2000		-	-	-	-
	1999		-	-	-	_
New State Police	2004	\$	3,125	36	-	2,436
	2003		2,786	30	-	2,337
	2002		2,476	35	-	2,112
	2001		2,480	29	-	1,710
	2000		2,585	24	-	1,294
	1999		2,624	21	-	1,168
Judiciary	2004	\$	1,235	253	-	249
	2003		1,342	244	-	563
	2002		1,399	293	-	251
	2001		1,333	306	-	206
	2000		1,666	251	-	183
	1999		1,327	221	-	165
County & Municipal	2004	\$	3,179	-	-	1,696
Police and Firefighters'	2003		2,931	-	-	1,546
	2002		2,779	-	-	1,404
	2001		2,664	-	-	1,265
	2000		2,771	-	-	973
	1999		2,025			604

					<b>Employer Contributions</b>
		Net Increase/(Decrease)			As a Percent of
Other	Net Investment Income	in Fair Value of Investments	Total	Additions	Covered Payroll
-	100,682	631,656	\$	855,094	4.9%
-	102,753	39,077		243,013	2.9%
-	128,548	(429,051)		(216,884)	1.4%
-	153,955	(429,538)		(184,962)	1.7%
-	148,995	641,970		897,555	3.9%
2	121,749	345,930		577,884	5.2%
-	17	115	\$	132	-
-	19	18		37	-
-	49	(165)		(116)	-
-	63	(175)		(112)	-
-	64	280		344	-
-	56	153		209	
14	2,500	15,065	\$	23,176	10.0%
10	2,392	1,278		8,833	8.3%
7	2,781	(9,075)		(1,664)	8.2%
19	3,118	(8,643)		(1,287)	8.9%
20	2,857	12,117		18,897	10.0%
32	2,211	6,481		12,537	11.3%
-	612	3,817	\$	6,166	17.0%
-	620	302		3,071	18.2%
-	745	(2,459)		229	19.3%
-	869	(2,421)		293	20.5%
-	821	3,528		6,449	23.1%
-	659	1,944		4,316	24.2%
-	900	5,193	\$	10,698	12.4%
-	805	567		5,849	12.1%
-	856	(2,729)		2,310	13.4%
-	886	(2,417)		2,398	14.3%
-	739	3,022		7,505	14.3%
-	496	2,075		5,200	14.9%

(continued on next page)

## SCHEDULE OF ADDITIONS BY SOURCE (continued)

				Transfer of	Transfer of	
	Fiscal Year	E	mployer	Contributions	Assets from	Member
Plan	Ended	Contr	ibutions	From PRI Fund	Outside the System	Contributions
County & Municipal	2004	\$	321	-	-	168
Other Employees'	2003		248	-	-	259
	2002		92	-	-	57
	2001		165	-	-	53
	2000		352	-	-	46
	1999		158	-	-	30
Volunteer Firemen's	2004	\$	694	-	-	208
	2003		667	-	-	210
	2002		586	-	-	209
	2001		618	-	-	205
	2000		645	-	-	203
	1999		660	-	-	203
Diamond State Port	2004	\$	346	-	-	164
Corporation	2003		333	-	-	170
	2002		341	-	-	157
	2001		386	-	-	154
	2000		389	-	-	143
	1999		407	-	-	125
Closed State Police	2004	\$	19,420	-	6	53
	2003		17,845	-	757	65
	2002		17,805	-	-	64
	2001		17,174	-	-	69
	2000		16,208	-	-	93
	1999		15,664	-	-	152

					<b>Employer Contributions</b>
		Net Increase/(Decrease)			As a Percent of
Other	Net Investment Income	in Fair Value of Investments	Total A	Additions	Covered Payroll
-	79	461	\$	1,029	4.9%
-	71	48		626	3.2%
-	76	(246)		(21)	3.6%
-	85	(233)		70	3.7%
-	77	292		767	4.6%
	53	176		417	5.7%
-	188	1,132	\$	2,222	-
-	193	102		1,172	-
-	240	(797)		238	-
-	291	(783)		331	-
-	282	1,198		2,328	-
	232	615		1,710	-
-	150	898	\$	1,558	4.0%
-	143	73		719	3.9%
-	166	(538)		126	4.2%
-	185	(504)		221	4.9%
-	164	684		1,380	5.3%
	121	412		1,065	6.4%
-	51	-	\$	19,530	-
-	63	-		18,730	-
-	109	-		17,978	-
2	234	-		17,479	-
2	198	-		16,501	-
5	109	-		15,930	-

#### SCHEDULE OF DEDUCTIONS BY TYPE

		Tra	nsfer of	Transfer of	
	Fiscal Year	Contri	butions	Assets Outside	Benefit
Plan	Ended	from PRI Fund		the System	Payments
State Employees'	2004	\$	-	1,500	243,238
	2003		-	-	217,126
	2002		-	-	194,824
	2001		-	-	175,312
	2000		-	-	159,122
	1999		-	-	145,391
Special	2004	\$	-	-	119
	2003		-	750	121
	2002		-	-	143
	2001		-	-	135
	2000		-	-	133
	1999		-	-	132
New State Police	2004	\$	-	-	922
	2003		-	-	689
	2002		-	-	367
	2001		-	-	289
	2000		-	-	166
	1999		-	-	113
Judiciary	2004	\$	-	-	2,177
	2003		-	-	1,971
	2002		-	-	1,907
	2001		-	-	1,949
	2000		-	-	1,642
	1999		-	-	1,498
County & Municipal	2004	\$	-	-	447
Police and Firefighters'	2003		-	-	244
	2002		-	-	163
	2001		-	-	151
	2000		-	-	69
	1999		-		65

Refund of	Group Life	Administrative	Total
Contributions	<b>Payments</b>	Expenses	Deductions
2,333	4,479	4,372	\$ 255,922
2,653	4,060	4,954	228,793
2,409	4,003	4,441	205,677
2,485	3,632	4,658	186,087
2,376	3,573	4,140	169,211
2,488	2,344	4,843	155,066
-	21	3	\$ 143
-	35	3	909
-	21	4	168
-	24	5	164
-	12	4	149
	30	6	168
75	-	53	\$ 1,050
102	-	62	853
87	-	56	510
33	-	48	370
56	-	40	262
73	-	45	231
60	-	8	\$ 2,245
-	-	10	1,981
-	-	8	1,915
-	-	8	1,957
-	-	8	1,650
	-	23	1,521
48	-	60	\$ 555
105	-	67	416
122	-	49	334
20	-	94	265
50	-	38	157
26	-	42	133

(continued on next page)

## SCHEDULE OF DEDUCTIONS BY TYPE (CONTINUED)

		Tra	ansfer of	Transfer of	
	Fiscal Year	Contr	ibutions	Assets Outside	Benefit
Plan	Ended	from P	RI Fund	the System	Payments
County & Municipal	2004	\$	-	-	61
Other Employees'	2003		-	-	52
	2002		-	-	41
	2001		-	-	26
	2000		-	-	21
	1999		-	-	17
Volunteer Firemen's	2004	\$	-	-	1,108
	2003		-	-	1,057
	2002		-	-	1,018
	2001		-	-	971
	2000		-	-	920
	1999		-	-	890
Diamond State Port	2004	\$	-	-	199
Corporation	2003		-	-	170
	2002		-	-	185
	2001		-	-	98
	2000		-	-	75
	1999		-	-	88
Closed State Police	2004	\$	-	-	18,901
	2003		-	-	18,429
	2002		-	-	17,705
	2001		-	-	17,040
	2000		-	-	16,078
	1999		-	-	15,481

Refund of	Group Life	Administrative	Total
Contributions	Payments	Expenses	Deductions
19	-	29	\$ 109
41	-	26	119
21	-	15	77
9	-	21	56
3	-	16	40
4	-	8	29
31	-	17	\$ 1,156
48	-	18	1,123
44	-	17	1,079
55	-	22	1,048
29	-	22	971
51	-	34	975
23	-	30	\$ 252
24	-	28	222
15	-	27	227
8	-	53	159
12	-	17	104
12	-	21	121
3	63	50	\$ 19,017
-	77	59	18,565
-	56	17	17,778
-	54	63	17,157
-	30	51	16,159
	70	63	15,614

## SCHEDULE OF BENEFIT DEDUCTIONS BY TYPE

(dollar values expressed in thousands)

	Fiscal Years					
Plan	Ended June 30,	Service	Survivor	Disability		Total
State Employees'	2004	\$ 205,416	18,560	19,262	\$ 24	13,238
	2003	182,615	16,986	17,525	21	7,126
	2002	162,843	16,130	15,851	19	94,824
	2001	146,079	14,858	14,375	17	75,312
	2000	132,568	13,587	12,967	15	59,122
	1999	121,017	12,528	11,846	14	15,391
Special	2004	\$ 63	50	6	\$	119
	2003	61	55	5		121
	2002	82	56	5		143
	2001	70	57	8		135
	2000	73	52	8		133
	1999	78	46	8		132
New State Police	2004	\$ 439	74	409	\$	922
	2003	294	69	326		689
	2002	172	42	153		367
	2001	44	26	219		289
	2000	-	19	147		166
	1999	-	18	95		113
Judiciary	2004	\$ 1,598	472	107	\$	2,177
	2003	1,407	459	105		1,971
	2002	1,341	452	114		1,907
	2001	1,497	351	101		1,949
	2000	1,236	298	108		1,642
	1999	1,137	256	105		1,498
County & Municipal	2004	\$ 227	56	164	\$	447
Police and Firefighters'	2003	85	55	104		244
	2002	71	26	66		163
	2001	72	32	47		151
	2000	-	32	37		69

34

31

65

1999

## SCHEDULE OF BENEFIT DEDUCTIONS BY TYPE (continued)

	riscal Teals				
Plan	Ended June 30,	Service	Survivor	Disability	Total
County & Municipal	2004	\$ 49	-	12	\$ 61
Other Employees'	2003	40	-	12	52
	2002	28	-	13	41
	2001	21	-	5	26
	2000	19	-	2	21
	1999	15	-	2	17
Volunteer Firemen's	2004	\$ 1,108	-	-	\$ 1,108
	2003	1,057	-	-	1,057
	2002	1,018	-	-	1,018
	2001	971	-	-	971
	2000	920	-	-	920
	1999	890	_	-	890
Diamond State Port	2004	\$ 134	11	54	\$ 199
Corporation	2003	108	11	51	170
	2002	96	11	78	185
	2001	59	11	28	98
	2000	51	11	13	75
	1999	54	28	6	88
Closed State Police	2004	\$ 13,496	2,446	2,959	\$ 18,901
	2003	13,090	2,345	2,994	18,429
	2002	12,635	2,111	2,959	17,705
	2001	12,002	2,131	2,907	17,040
	2000	11,352	1,928	2,798	16,078
	1999	10,782	1,870	2,829	15,481

## SCHEDULE OF RETIRED MEMBERS BY TYPE OF BENEFIT BY PLAN AS OF JUNE 30, 2004

Plan         Monthly Benefit         Re           State Employees'         Deferred           \$1 - 499         \$500-999           \$1000-1499         \$1500-1999	984 5,352 4,445 2,871 1,771 1,227 831 1,115	Service  - 2,678 3,061 2,321 1,571 1,126 788 1,075	1,723 749 257 83 31 15 7	951 635 293 117 70 28 33
\$1 - 499 500-999 1000-1499 1500-1999	5,352 4,445 2,871 1,771 1,227 831 1,115	3,061 2,321 1,571 1,126 788 1,075	749 257 83 31 15 7	635 293 117 70 28
500-999 1000-1499 1500-1999	4,445 2,871 1,771 1,227 831 1,115	3,061 2,321 1,571 1,126 788 1,075	749 257 83 31 15 7	635 293 117 70 28
1000-1499 1500-1999	2,871 1,771 1,227 831 1,115	2,321 1,571 1,126 788 1,075	257 83 31 15 7	293 117 70 28
1500-1999	1,771 1,227 831 1,115	1,571 1,126 788 1,075	83 31 15 7	117 70 28
	1,227 831 1,115 - 28	1,126 788 1,075	31 15 7	70 28
2000 2400	831 1,115 - 28	788 1,075	15 7 -	28
2000 - 2499	1,115 - 28	1,075	7 -	
2500 - 2999	28	-	-	33
over \$3000		- 11		-
Special Deferred		11	17	
\$1 - 499	2		16	1
500-999		1	1	-
over \$1000	1	1	-	-
New State Police Deferred	8	-	-	_
\$1 - 499	-	-	-	-
500-999	2	-	2	-
1000-1499	1	-	-	1
1500 - 1999	2	1	1	-
2000 - 2499	8	4	-	4
2500 - 2999	9	7	1	1
over \$3000	11	4	-	7
Judiciary Deferred	-	-	-	-
\$1 - 499	-	-	-	-
500-999	-	-	-	-
1000-1499	2	-	2	-
1500-1999	2	-	2	-
2000 - 2499	2	-	2	-
2500 - 2999	3	1	2	-
over \$3000	28	20	6	2
County & Municipal Deferred	12	-	-	_
Police and Firefighters' \$1 - 499	-	-	-	-
500-999	4	2	2	-
1000-1499	2	1	-	1
1500-1999	10	2	2	6
2000 - 2499	5	5	-	-
2500 - 2999	2	2	-	-
over \$3000				

# SCHEDULE OF RETIRED MEMBERS BY TYPE OF BENEFIT BY PLAN (continued) AS OF JUNE 30, 2004

	Amount of	Number of	Type of Retirement					
Plan	Monthly Benefit	Retirants	Service	Survivor	Disability			
County & Municipal	Deferred	1	-	-	-			
Other Employees'	\$1 - 499	11	10	-	1			
	500-999	3	2	-	1			
	1000-1499	1	1	-	-			
	1500-1999	-	-	-	-			
	over \$2000	-	-	-	_			
Volunteer Firemen's	Deferred	10	-	-	_			
	\$1 - 74	601	601	-	-			
	75 - 99	387	387	-	-			
	over \$100	222	222	-	_			
Diamond State Port	Deferred	3	-	-	-			
Corporation	\$1 - 499	7	6	1	-			
	500-999	5	4	-	1			
	1000-1499	8	4	-	4			
	1500-1999	1	1	-	-			
	over \$2000	-	-	-	_			
Closed State Police	Deferred	-	-	-	-			
	\$1 - 499	-	-	-	-			
	500-999	-	-	-	-			
	1000-1499	2	-	2	-			
	1500-1999	20	-	14	6			
	2000 - 2499	122	51	63	8			
	2500 - 2999	250	214	8	28			
	over \$3000	164	120	6	38			

#### SCHEDULE OF AVERAGE BENEFIT PAYMENTS BY PLAN

The following schedules are presented only for those plans with retirees and/or beneficiaries as of June 30, 2004, whose benefits are based on years of service or salary. Accordingly, the Special Pensions Plan is not included.

2004

			_0	<b>0 I</b>					
_	State Employees' Pension Plan								
Credited Service		Retirants	Bene	ficiaries	Di	sabilities			
Less than 5 years									
Average Monthly Benefit	\$	840	\$	167	\$	-			
Average Final Average Salary	\$	18,847	\$	-	\$	-			
Number of Active Retirees		13		15		_			
5 - 9.99 years									
Average Monthly Benefit	\$	312	\$	175	\$	271			
Average Final Average Salary	\$	24,546	\$	-	\$	21,033			
Number of Active Retirees		628		343		454			
10 - 14.99 years									
Average Monthly Benefit	\$	436	\$	283	\$	456			
Average Final Average Salary	\$	22,800	\$	-	\$	24,090			
Number of Active Retirees		1,177		481		503			
15 - 19.99 years									
Average Monthly Benefit	\$	652	\$	386	\$	708			
Average Final Average Salary	\$	25,819	\$	-	\$	26,872			
Number of Active Retirees		1,892		597		460			
20 - 24.99 years									
Average Monthly Benefit	\$	940	\$	550	\$	1,027			
Average Final Average Salary	\$	27,765	\$	-	\$	30,381			
Number of Active Retirees		2,096		501		366			
25 - 29.99 years									
Average Monthly Benefit	\$	1,465	\$	731	\$	1,518			
Average Final Average Salary	\$	35,562	\$	-	\$	28,592			
Number of Active Retirees		2,455		343		216			
<i>30 - 34.99 years</i>									
Average Monthly Benefit	\$	2,103	\$	942	\$	2,046			
Average Final Average Salary	\$	44,150	\$	-	\$	45,877			
Number of Active Retirees		3,014		382		93			
35 - 39.99 years									
Average Monthly Benefit	\$	2,570	\$	1,281	\$	2,436			
Average Final Average Salary	\$	45,618	\$	-	\$	38,620			
Number of Active Retirees		1,059		150		25			
40 years and over									
Average Monthly Benefit	\$	2,798	\$	1,509	\$	2,244			
Average Final Average Salary	\$	42,553	\$	-	\$	33,049			
Number of Active Retirees		286		53		10			

	,	Norre Ctate	20		on Dion	2004 lan Judiciary Pension Plans					
Credited Service		New State Police Pens Retirants Beneficiaries			Disabilities	R			iciaries		bilities
Less than 5 years		ctifuits	DUNCI	iciaries	Disabilities		ctifuits	Dener	iciaries	Disc	DITTIES
Average Monthly Benefit	\$	_	\$	916	\$ 2,124	\$	_	\$	_	\$	_
Average Final Average Salary	\$		\$	-	\$ 28,297	\$	_	\$	_	\$	_
Number of Active Retirees	4	_	*	2	1	4	_	4	_	4	_
5 - 9.99 years											
Average Monthly Benefit	\$	_	\$	1,650	\$ 2,309	\$	_	\$	_	\$	5,125
Average Final Average Salary	\$	_	\$		\$ 33,234	\$	_	\$	_		21,230
Number of Active Retirees	4	_	*	1	3	4	_	4	_	4 -	1
10 - 14.99 years											
Average Monthly Benefit	\$	1,901	\$	2,687	\$ 2,160	\$	4,240	\$	2,146	\$	3,841
Average Final Average Salary		99,999	\$	_,00,	\$ 30,101	,	88,155	\$	-,110	,	79,846
Number of Active Retirees	Ψ	1	Ψ	1	2	Ψ	4	Ψ	4	Ψ	1
15 - 19.99 years					_						
Average Monthly Benefit	\$	2,379	\$	_	\$ 3,894	\$	5,326	\$	1,841	\$	_
Average Final Average Salary		59,910	\$	_	\$ 59,956		84,657	\$	-	\$	_
Number of Active Retirees	Ψ	2	Ψ	_	7	Ψ	4	Ψ	1	Ψ	_
20 - 24.99 years					,						
Average Monthly Benefit	\$	2,828	\$	_	\$ -	\$	6,440	\$	2,237	\$	_
Average Final Average Salary		65,027	\$	_	\$ -		91,412	\$		\$	_
Number of Active Retirees	Ψ	13	Ψ	_	Ψ -	Ψ	8	Ψ	3	Ψ	_
25 - 29.99 years		10									
Average Monthly Benefit	\$	_	\$	_	\$ -	\$	6,844	\$	3,553	\$	_
Average Final Average Salary	\$		\$	_	\$ -		106,491	\$	-	\$	_
Number of Active Retirees	Ψ	_	Ψ	_	_	Ψ	4	Ψ	4	Ψ	_
30 - 34.99 years											
Average Monthly Benefit	\$	_	\$	_	\$ -	\$	7,823	\$	4,547	\$	_
Average Final Average Salary	\$		\$	_	\$ -	,	118,522	\$	-	\$	_
Number of Active Retirees	Ψ	_	Ψ	_	_	Ψ	1	Ψ	1	Ψ	_
35 - 39.99 years									-		
Average Monthly Benefit	\$	_	\$	_	\$ -	\$	_	\$	_	\$	_
Average Final Average Salary	\$	_	\$	_	\$ -	\$	_	\$	_	\$	_
Number of Active Retirees	Ψ	_	Ψ	_	_	Ψ	_	Ψ	_	Ψ	_
40 years and over											
Average Monthly Benefit	\$	_	\$	_	\$ -	\$	_	\$	4,466	\$	_
Average Final Average Salary	\$	_	\$	_	\$ -	\$	_	\$	-, 100	\$	_
Number of Active Retirees	Ψ	_	Ψ	_	_	Ψ	_	Ψ	1	Ψ	_
2.00111001 01 1101110 Itemices											

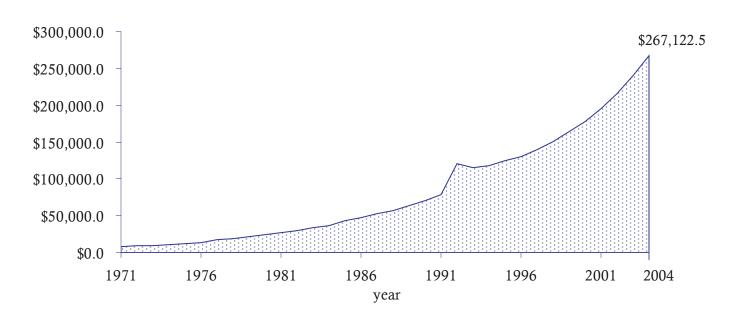
	a			04 nicipal l ' Pensio		s	2004 County & Municipal Other Employees' Pension P					Plan	
Credited Service	R	etirants	Benef	iciaries	Disal	oilities	R	etirants	Benefic	iaries	Disa	abilities	
Less than 5 years													
Average Monthly Benefit	\$	-	\$	558	\$	1,376	\$	-	\$	-	\$	-	
Average Final Average Salary	\$	-	\$	-	\$2	7,400	\$	-	\$	-	\$	-	
Number of Active Retirees		-		2		1		-		-			
5 - 9.99 years													
Average Monthly Benefit	\$	-	\$	1,876	\$	1,761	\$	126	\$	-	\$	184	
Average Final Average Salary	\$	-	\$	-	\$4	0,745	\$	17,309	\$	-	\$	24,070	
Number of Active Retirees		-		1		3		5		-		1	
10 - 14.99 years													
Average Monthly Benefit	\$	663	\$	-	\$	-	\$	363	\$	-	\$	-	
Average Final Average Salary	\$	33,535	\$	-	\$	-	\$	20,512	\$	-	\$	-	
Number of Active Retirees		2		-		-		4		-		-	
15 - 19.99 years													
Average Monthly Benefit	\$	2,280	\$	-	\$	1,889	\$	536	\$	-	\$	-	
Average Final Average Salary	\$	74,136	\$	-	\$3	6,063	\$	26,082	\$	-	\$	-	
Number of Active Retirees		4		-		3		2		-		-	
20 - 24.99 years													
Average Monthly Benefit	\$	2,082	\$	-	\$	-	\$	491	\$	-	\$	851	
Average Final Average Salary	\$	47,488	\$	-	\$	-	\$	17,165	\$	-	\$	24,741	
Number of Active Retirees		6		-		-		1		-		1	
25 - 29.99 years													
Average Monthly Benefit	\$	-	\$	1,696	\$	-	\$	-	\$	-	\$	-	
Average Final Average Salary	\$	_	\$	_	\$	-	\$	_	\$	-	\$	_	
Number of Active Retirees		-		1		-		-		-		-	
30 - 34.99 years													
Average Monthly Benefit	\$	_	\$	_	\$	-	\$	1,039	\$	-	\$	_	
Average Final Average Salary	\$	-	\$	-	\$	-	\$	24,693	\$	-	\$	-	
Number of Active Retirees		-		-		-		1		-		-	
35 - 39.99 years													
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	
Number of Active Retirees		-		_		-		-		_		_	
40 years and over													
Average Monthly Benefit	\$	_	\$	_	\$	-	\$	_	\$	_	\$	_	
Average Final Average Salary	\$	-	\$	_	\$	-	\$	_	\$	_	\$	_	
Number of Active Retirees						-							

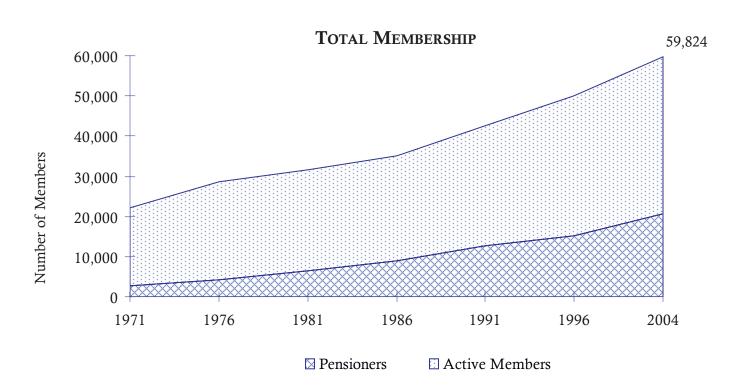
			2004 unteer F Pension	iremer	ı's		2004 Diamond State Port Corporation Pension Plan					
Credited Service	Ret		Benefic		Disab	ilities	R	etirants				abilities
Less than 5 years												
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Average Final Average Salary	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Number of Active Retirees		-		-		-		-		-		
5 - 9.99 years												
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	355	\$	-	\$	1,213
Average Final Average Salary	\$	-	\$	-	\$	-	\$	47,912	\$	-	\$	30,772
Number of Active Retirees		-		-		-		4		-		1
10 - 14.99 years												
Average Monthly Benefit	\$	57	\$	-	\$	-	\$	794	\$	-	\$	845
Average Final Average Salary	\$	-	\$	-	\$	-	\$	44,412	\$	-	\$	31,348
Number of Active Retirees		601		-		-		4		-		2
15 - 19.99 years												
Average Monthly Benefit	\$	84	\$	-	\$	-	\$	592	\$	-	\$	-
Average Final Average Salary	\$	-	\$	-	\$	-	\$	27,564	\$	-	\$	-
Number of Active Retirees		387		-		-		3		-		-
20 - 24.99 years												
Average Monthly Benefit	\$	108	\$	_	\$	-	\$	996	\$	393	\$	1,186
Average Final Average Salary	\$	-	\$	_	\$	-	\$	30,195	\$	-	\$	31,674
Number of Active Retirees		180		-		-		1		1		2
25 - 29.99 years												
Average Monthly Benefit	\$	125	\$	_	\$	-	\$	1,331	\$	-	\$	-
Average Final Average Salary	\$	_	\$	-	\$	-	\$	31,250	\$	-	\$	_
Number of Active Retirees		42		_		-		1		_		_
30 - 34.99 years												
Average Monthly Benefit	\$	_	\$	_	\$	-	\$	1,479	\$	_	\$	_
Average Final Average Salary	\$	_	\$	_	\$	-	\$	36,282	\$	_	\$	_
Number of Active Retirees		_		-		-		2		-		_
35 - 39.99 years												
Average Monthly Benefit	\$	_	\$	-	\$	-	\$	_	\$	-	\$	_
Average Final Average Salary	\$	_	\$	_	\$	-	\$	_	\$	_	\$	_
Number of Active Retirees		_		_		-		_		_		_
40 years and over												
Average Monthly Benefit	\$	_	\$	_	\$	-	\$	-	\$	_	\$	_
Average Final Average Salary	\$	_	\$	_	\$	_	\$	-	\$	_	\$	-
Number of Active Retirees		_		-	•	-		_		-	·	-

	Closed State Police Pension Plan								
Credited Service	Retirants Benefi			iciaries	Disa	abilities			
Less than 5 years									
Average Monthly Benefit	\$	-	\$	2,214	\$	2,477			
Average Final Average Salary	\$	-	\$	-	\$	22,172			
Number of Active Retirees		-		3		3			
5 - 9.99 years									
Average Monthly Benefit	\$	-	\$	1,918	\$	2,686			
Average Final Average Salary	\$	-	\$	-	\$	25,793			
Number of Active Retirees		-		4		21			
10 - 14.99 years									
Average Monthly Benefit	\$	-	\$	2,061	\$	2,913			
Average Final Average Salary	\$	-	\$	-	\$	28,825			
Number of Active Retirees		-		7		28			
15 - 19.99 years									
Average Monthly Benefit	\$	-	\$	2,789	\$	3,296			
Average Final Average Salary	\$	-	\$	-	\$	47,695			
Number of Active Retirees		-		6		18			
20 - 24.99 years									
Average Monthly Benefit	\$	2,835	\$	2,234	\$	4,133			
Average Final Average Salary	\$	61,453	\$	-	\$	51,154			
Number of Active Retirees		343		70		10			
25 - 29.99 years									
Average Monthly Benefit	\$	3,444	\$	2,081	\$	-			
Average Final Average Salary	\$	78,827	\$	-	\$	-			
Number of Active Retirees		35		3		-			
30 - 34.99 years									
Average Monthly Benefit	\$	3,988	\$	-	\$	-			
Average Final Average Salary	\$	89,274	\$	-	\$	-			
Number of Active Retirees		7		-		-			
35 - 39.99 years									
Average Monthly Benefit	\$	-	\$	-	\$	-			
Average Final Average Salary	\$	-	\$	-	\$	_			
Number of Active Retirees		-		-		_			
40 years and over									
Average Monthly Benefit	\$	-	\$	-	\$	-			
Average Final Average Salary	\$	-	\$	-	\$	-			
Number of Active Retirees		-		-		-			

#### TOTAL BENEFIT PAYMENTS

(expressed in thousands)





#### SCHEDULE OF PARTICIPATING EMPLOYERS

#### State Employees' Pension Plan

State of Delaware

State of Delaware Charter Schools

Delaware National Guard

Delaware Solid Waste Authority

Delaware State University

Delaware Technical & Community College

University of Delaware (excluding most faculty and designated professional staff)

#### Closed State Police Plan

Delaware State Police (Appointed before July 1, 1980)

#### New State Police Plan

Delaware State Police (Appointed after July 1, 1980)

#### Judiciary Pension Plan

Appointed members of the State Judiciary

#### Diamond State Port Corporation Plan

Diamond State Port Corporation Employees

#### County & Municipal Police and Firefighters' Plan

Town of Camden

Town of Cheswold

Town of Dagsboro

Town of Delmar

Town of Dewey Beach

City of Dover

Town of Felton

City of Georgetown

City of Harrington

Town of Millsboro

City of New Castle

New Castle County

Town of Ocean View

City of Wilmington

Town of Wyoming

#### County & Municipal Other Employees' Plan

Town of Clayton

Delaware City Fire Company

Felton Fire Company

City of Georgetown

Good-Will Fire Company

City of Harrington

Harrington Fire Company

Kent Conservation District

Lewes Fire Company

Town of Millsboro

City of New Castle

Town of Newport

Town of Ocean View

Town of South Bethany

Sussex Conservation District

Townsend Fire Company

Volunteer Hose Company of Middletown

Town of Wyoming

#### SCHEDULE OF PARTICIPATING EMPLOYERS (continued)

#### Delaware Local Government Investment Pool

Town of Elsmere Sussex County Government

#### Volunteer Firemen's Pension Plan

Aetna Hose, Hook & Ladder Co. & Auxiliary Brandywine Hundred Fire Co. & Auxiliary Christiana Fire Co. & Auxiliary Claymont Fire Co. & Auxiliary Cranston Heights Fire Co. & Auxiliary Delaware City Fire Co. & Auxiliary Elsmere Fire Co. & Auxiliary Five Points Fire Co. No. 1 & Auxiliary Good-Will Fire Co. & Auxiliary Hockessin Fire Co. & Auxiliary Holloway Terrace Fire Co. & Auxiliary Mill Creek Fire Co. & Auxiliary Minquadale Fire Co. & Auxiliary Minquas Fire Co. & Auxiliary Odessa Fire Co. & Auxiliary Talleyville Fire Co. & Auxiliary Townsend Fire Co. & Auxiliary Volunteer Hose Co. & Auxiliary Wilmington Manor Fire Co. & Auxiliary Port Penn Volunteer Fire Co. & Auxiliary Belvedere Fire Co. & Auxiliary Bowers Fire Co. & Auxiliary Camden-Wyoming Fire Co. & Auxiliary Carlisle Fire Co. & Auxiliary Cheswold Fire Co. & Auxiliary Citizens Hose Co. No. 1 & Auxiliary Clayton Fire Co. & Auxiliary Robbins Hose Fire Co. Farmington Fire Co. & Auxiliary Felton Community Fire Co. & Auxiliary Frederica Fire Co. & Auxiliary

Harrington Fire Co. & Auxiliary Hartly Fire Co. & Auxiliary Houston Fire Co. & Auxiliary Leipsic Fire Co. & Auxiliary Little Creek Fire Co. & Auxiliary Magnolia Fire Co. & Auxiliary Marydel Fire Co. & Auxiliary South Bowers Fire Co. & Auxiliary Smyrna American Legion Ambulance Bethany Beach Fire Co. & Auxiliary Blades Fire Co. & Auxiliary Bridgeville Fire Co. & Auxiliary Dagsboro Fire Co. & Auxiliary Delmar Fire Co. & Auxiliary Ellendale Fire Co. & Auxiliary Frankford Fire Co. & Auxiliary Georgetown Fire Co. & Auxiliary Greenwood Fire Co. & Auxiliary Gumboro Fire Co. & Auxiliary Indian River Fire Co. & Auxiliary Laurel Fire Co. & Auxiliary Lewes Fire Co. Millsboro Fire Co. & Auxiliary Millville Fire Co. & Auxiliary Milton Fire Co. & Auxiliary Rehoboth Beach Fire Co. & Auxiliary Seaford Fire Co. & Auxiliary Selbyville Fire Co. & Auxiliary Memorial Fire Co. & Auxiliary Roxana Fire Co. & Auxiliary

#### State Personnel Office Mission Statement:

Provide the leadership and services for achieving a quality workforce.

## Pension Office Programmatic Goal:

Maintain comprehensive and responsive systems for benefits and funds management, which helps retain a quality workforce and provides a secure and supportive retirement commitment.