

# Delaware Public Employees' Retirement System

— A component unit of the State of Delaware

Forty-Third Comprehensive Annual Financial Report

Mailing Address: McArdle Building, Suite #1 860 Silver Lake Boulevard Dover, Delaware 19904-2402

Telephone: (800) 722-7300

E-Mail Address: pensionoffice@state.de.us

WebSite: www.delawarepensions.com



# Forty-Third Comprehensive Annual Financial Report

Presented by the DPERS Board of Pension Trustees and Prepared by the Office of Pensions Fiscal Year Ended June 30, 2014

State Employees' Pension Plan Special Fund

New State Police Pension Plan

**Judiciary Pension Plans** 

County & Municipal Police and Firefighters' Plans

County & Municipal Other Employees' Pension Plan

Closed State Police Pension Plan

Diamond State Port Corporation Pension Plan

Delaware Volunteer Firemen's Fund

County & Municipal Police and Firefighters' COLA Fund

Post-Retirement Increase Fund

Delaware Local Government Retirement Investment Pool

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# INTRODUCTORY SECTION

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware



Government Finance Officers Association

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, 2013

Executive Director/CEO

Jeffry R. Ener



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

#### OFFICE OF PENSIONS

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

When Calling Long Distance Toll Free Number 1-800-722-7300 E-Mail: pensionoffice@state.de.us Telephone (302) 739-4208 Fax (302) 739-6129 www.delawarepensions.com

December 22, 2014

The Honorable Jack A. Markell and Members of the 148th General Assembly

Dear Governor and Members of the General Assembly:

The Board of Pension Trustees for the Delaware Public Employees' Retirement System (DPERS or the System) is proud to present its 43rd Comprehensive Annual Financial Report for the Fiscal Year ended June 30, 2014.

This report provides information on nine plans [State Employees', Special Fund, New State Police, Judiciary, County & Municipal Police and Firefighters', County & Municipal Other Employees', Delaware Volunteer Firemen's Fund, Diamond State Port Corporation, and Closed State Police] plus three commingled investment funds [County & Municipal Police and Firefighters' COLA (COLA Fund), Post-Retirement Increase (PRI) and Delaware Local Government Retirement Investment Pool (DELRIP)]. 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, 2014.

The Fund's time-weighted return in Fiscal Year 2014 was 17.5% which was 1.7% above the policy benchmark, aided by strong returns for most sectors of the market. Returns continue to exceed the Fund's longer term objectives of providing 3% real returns and exceed the 7.2% assumed rate of return used as a discount rate to value the Fund's liabilities. In fiscal 2014, the Fund's 17.5% return compares with the 24.6% return of the S&P 500 stock index, the 21.8% return of the MSCI All-Country World ex-USA Index, the 5.2% return of the Barclays Aggregate bond index, and the Delaware Benchmark of 15.8%. Compared to other public funds with greater than \$5 billion in assets, using the Trust Universe Comparison Service (TUCS) universe, DPERS' performance ranked in the top quartile for the 5 year period and the top decile for the 10 year period ending June 30, 2014.

The Honorable Jack A. Markell and Members of the 148th General Assembly Page 2 December 22, 2014

Recognizing that there is no shortage of challenges lying ahead for the U.S. and global economies, the Board, its Investment Committee and staff will continue to actively monitor and proactively manage the System in a manner fully consistent with its fiduciary duty to the System's beneficiaries.

The Management's Discussion and Analysis (MD&A), located in the Financial Section of this report, provides a narrative introduction, overview, and analysis to accompany the basic financial statements. This Letter of Transmittal is designed to complement the MD&A and should be read in conjunction with it. The MD&A can be found immediately following the report of the independent auditors.

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 2014, monies from the nine plans and three pension commingled investment funds totaled \$9.2 billion. The State's contribution rate for the State Employees' Plan for Fiscal Year 2014 was 9.5% of payroll. Employer rates in the other plans that the Board administers range from 6.6% to 27.7% of covered payroll. Benefit coverage varies by plan as shown on pages 30-33. The majority of beneficiaries' pension benefits are well funded, with a majority of the System's total membership covered by plans with a funded ratio greater than or equal to 90%. The net pension liability of each plan is detailed on page 50.

#### Governmental Accounting Standards Board (GASB) Accounting Changes

DPERS implemented GASB Statement 67 for the year ending June 30, 2014. Statement 67 replaces the requirements of Statement 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contributions Plans*, and Statement 50, *Pension Disclosures*. These requirements affect the financial reporting primarily through enhanced note disclosures and schedules of required supplemental information. These statements do not affect the funding requirements for the defined benefit plan, which continue to be calculated based on annual actuarial valuations in conformity with generally accepted actuarial principles and practices with the Actuarial Standards of Practice issued by the Actuarial Standards Board and applicable statutes.

#### **Major Accomplishments**

Best Practices – The Board, with the help of its legal counsel and various Committee members, continued its "Best Practices Review" during Fiscal Year 2014. Now in its tenth year, the process provides the benefit of annually comparing reviews of the System's operations and efficiency with similar public pension funds. Those reviews indicate the System continues to compare favorably or very favorably with its peers. The Board promoted Trustee training opportunities including special presentations by a leading economist and the investment advisor. In addition, with the help of outside legal counsel, the Board continued its review of the structure of the System and each of its nine plans as established in the Delaware Code for compliance with the Internal Revenue Code and its rules, regulations, and interpretive opinions. See the Tax Status update in Note 7 to the financial statements on page 46 for more details.

The Honorable Jack A. Markell and Members of the 148th General Assembly Page 3 December 22, 2014

The Office of Pensions, in seeking to improve internal business processes, identified and prioritized four key processes as candidates for an improvement study. The office chose Orion Development Group (Orion) to bring their expertise in evaluating those selected processes in search of improvements. The engagement with Orion spanned from October 2013 to January 2014 and included participation of a pension system experienced Orion facilitator and Office of Pensions subject matter experts. Utilizing Orion's methodology of data harvesting and process flow mapping, each of the processes was dissected and represented by quantitative metrics representing positives and deficiencies. Consideration for improvement was given to the areas of customer satisfaction and staffing requirements with regards to the specific process and the overall production of the office. The Office of Pensions implemented those improvements not inhibited by cost, time or staffing constraints in the near term. Other improvements will be made as those named constraints are mitigated.

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 DPERS for its comprehensive annual financial report (CAFR) for the Fiscal Year ended June 30, 2013. 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 eighteenth consecutive year that DPERS has received a Certificate of Achievement. DPERS believes that its current comprehensive annual financial report continues to meet the Certificate of Achievement Program's requirements, and we will submit the Fiscal Year 2014 CAFR to the GFOA to determine its eligibility for another certificate of achievement.

Public Pension Coordinating Council Award – The Public Pension Coordinating Council (PPCC) granted the System the Public Pension Standards Award for 2013. This is the eleventh consecutive year the award has been received. 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 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 17.5% time weighted return in Fiscal Year 2014. The System's annualized total returns for the last five, ten, and fifteen years are 13.6%, 8.5% and 7.2%, respectively. Relative to other large public pension funds, the System's performance ranks in the top quartile of the Trust Universe Comparison Service (TUCS) universe for the 5 year period and the top decile for the 10 year period ending June 30, 2014.

The Honorable Jack A. Markell and Members of the 148th General Assembly Page 4 December 22, 2014

#### **Investments and Economic Climate (continued)**

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. During the year, reduced exposure to international markets helped the System as corporate earnings remained strong for domestic companies, while European and developing country companies encountered weaker profits.

The System continues to manage its investments by focusing on risk control and diversification. For a further discussion of portfolio diversification and investment strategy, see the Investment Section beginning on page 65 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 interests of System participants and beneficiaries and with the degree of diligence, care and skill which prudent people would ordinarily exercise under similar circumstances.

The Board's investment policy is summarized on pages 40-41. Investment objectives are outlined in the investment policy established by the Board, including the appropriate degree of risk. Investment managers are hired to execute the investment policy and have 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, 2014, may be found on page 76 of this report. A summary of the total System's asset allocation can be found on page 75.

#### **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 the net pension liability. Seven of the plans/funds included in the System – the State Employees', New State Police, Judiciary, County & Municipal Police & Firefighters' Plan, County & Municipal Other Employees' Plan, Diamond State Port Corporation, and Special Fund – have funded ratios greater than or equal to 90% of the net pension liability. The remaining plan is making annual contributions at the actuarially determined rates to reach full funding and the Closed State Police Pension Plan remains a pay-as-you-go plan.

#### **Internal Controls**

System internal accounting controls are designed to reasonably assure the safekeeping of assets and the reliability of financial reporting. The concept of reasonable assurance recognizes that first, the cost of a control should not exceed the benefits likely to be derived, and second, the valuation of costs and benefits requires estimates and judgments by management. 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

The Honorable Jack A. Markell and Members of the 148th General Assembly Page 5 December 22, 2014

#### **Internal Controls (continued)**

controls throughout the year. An independent auditing firm audits the System's basic financial statements annually and reports any findings to the Audit Committee and the Board.

#### **Professional Services**

Professional consultants are appointed by the Board to perform ongoing services essential to the effective and efficient operation of the System. An opinion on the System's basic financial statements from the independent auditors, KPMG LLP, is included in the Financial Section of this report. The Northern Trust Company is the global custodian for the System. Cheiron, Inc. performs the actuarial valuations for the System and advises the Board on funding matters. The System's Investment Advisor, Ashford Consulting Group, provides the Board and the Investment Committee with periodic investment performance updates, ongoing market insights, asset allocation recommendations, investment manager research, manager recommendations, performance and attribution analysis, and additional investment related services. Financial Recovery Technologies provides securities litigation monitoring to the System. The System has engaged several law firms to assist in specific areas: Ice Miller acts as tax counsel to the System and Chapman and Cutler LLP, Morgan, Lewis & Bockius LLP and Reinhart Boerner VanDeuren s.c. provide advice related to investment documentation and regulatory matters.

#### Acknowledgments

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 Director of the Office of Management & Budget, 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.

The Board thanks Helen Foster for Chairing the Audit Committee and welcomes Arturo Agra as the new Audit Committee Chair. Both also remain as current Board members. The Board also recognizes and appreciates the service provided by Aydin Z. Bill M.D. Dr. Bill retired from the Medical Committee after 6 years of service.

The Board expresses our deep gratitude to Kim Vincent, Deputy Pension Administrator, who has recently retired after having served in the Pension Office for over twenty five years. Ms. Vincent made invaluable contributions to the DPERS and always provided the personal commitment to the best interests of all beneficiaries of DPERS. The Board welcomes Kathy Kunkle as the Deputy Pension Administrator. Ms. Kunkle has over thirteen years of service in the Pension Office most recently as an Investment/Financial Manager.

I am honored to work with a very fine Board and its Investment, Audit and Medical committees. We appreciate the ongoing support of both the Executive and Legislative branches of our state

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#### **Acknowledgments (continued)**

government, the Director of the Office of Management and Budget, the Executive Director and the Pension Office Staff, deputy attorney general, other state support personnel, our investment advisors and managers, professional consultants and the Pension Advisory Council. This remarkable team works tirelessly to produce one of the best managed pension funds in the country. Operationally we compare favorably or very favorably with other public funds across a host of measures. Moreover, The System ranks in the top quartile for the 5 year period and in the top decile for the 10 year period ending June 30, 2014 in investment performance for public funds in excess of \$5 Billion in assets by the Trust Universe Comparison Service (TUCS). I look forward to continuing the longstanding working relationship with these various entities. On behalf of our Board, I wish the State, the wider DPERS team and all of our beneficiaries only the very best going forward.

Respectfully submitted,

Suzanne B. Grant, Chair Board of Pension Trustees

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## Board of Pension Trustees, Board Committees, & Professional Consultants

#### Board of Pension Trustees

**Suzanne B. Grant, Chair** *Former Senior Vice President*Salomon Smith Barney, Consulting Group

#### Arturo F. Agra

*Vice President of Strategic Planning* Pepco Holdings Inc.

#### Thomas S. Shaw

Former Executive Vice President and Chief Operating Officer Pepco Holdings Inc.

#### Nancy J. Shevock

Former Director
Delaware Transit Corporation

#### Helen R. Foster, J.D.

Consultant

#### Ex-Officio Board Members

**Thomas J. Cook** State Secretary of Finance

#### Ann S. Visalli

Director, Office of Management & Budget

# Executive Secretary to the Board and Pension Administrator

David C. Craik

#### Legal Counsel

Ann Marie Johnson, Esq. Deputy Attorney General

#### **Investment Committee**

George J. Saxon, Chair Suzanne B. Grant Clark Phippen Philip S. Reese Nancy J. Shevock Mark E. Stalnecker A. Dale Stratton

#### **Audit Committee**

Arturo F. Agra, Chair James A. Burke Araya Debessay, Ph.D. Mark Finfrock Helen R. Foster, J.D. Robert L. Paretta, Ph.D., CPA (not in public practice) Stephen D. Ritchie, CPA

#### Medical Committee

William D. Shellenberger, M.D., Chair Robert B. Brereton, M.D. Albert Gelb, M.D. G. Dean MacEwen, M.D. Ananth P. Nabha, M.D. Charles S. Riegel, M.D. Phyllis M. Smoyer, M.D.

#### Pension Advisory Council

Joseph Malloy, Chair Firefighter, City of Wilmington

## Consulting Actuary

Cheiron, Inc.

#### Investment Advisor

Ashford Consulting Group, Inc.

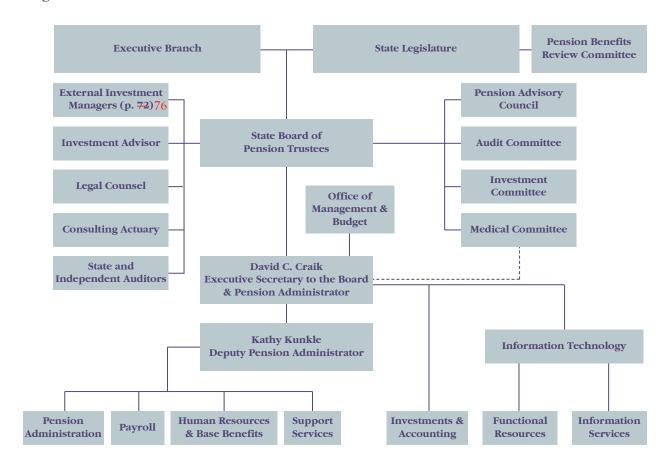
#### Independent Auditors

**KPMG LLP** 

#### Global Custody Bank

Northern Trust Co.

## **Organizational Chart**



Management Team:

**Investments & Accounting:** Wade Sallings, *Pension Cash/Debt Manager* 

**Information Technology:** John McCartney, *Informational Systems Manager* 

**Functional Resources:** Robin Hartnett-Sterner, *Strategic Information Systems Manager* 

**Information Services -**

Systems: Robert Eckstine, Strategic Information Systems Project Leader

**Pension Administration:** Mary Wood, *Human Resource Specialist V* 

**Support Services:** Terri L. Timmons, *Office Manager* 

Payroll: Amy Cole, Human Resource Specialist IV

**Human Resources &** 

**Base Benefits:** Lisa Callaway, *Human Resource Specialist IV* 

## 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 plans/funds:

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

The following retirement funds/plans 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.

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) and the Delaware OPEB Fund Trust (OPEB)
- 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
- To contract with State agencies and others for assistance in the general administration and the investing or advising as to the investment of pension system and OPEB assets
- 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 plans/funds is performed by the State Pension Office, which also determines the eligibility of individual employees for pension benefits. The Pension Administrator reports to the Director of the Office of Management & Budget and also serves as Executive Secretary to the Board.

The Medical Committee of the Board is comprised of eight medical doctors, all retired from private practice. It evaluates and makes recommendations concerning the medical condition of applicants for and recipients of disability pensions. The Medical Committee meets monthly and reviews the

#### **Highlights of Board Activities (continued)**

files of individuals who elected to remain in the disability pension program offered prior to January 1, 2006. Other disability cases are now determined by the State's insurance carrier.

The seven-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 principles and practices.

The Investment Committee of the Board is currently comprised of seven members. This Committee operates within the investment guidelines 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 who demonstrate 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 65.

The Board retains Ashford Consulting Group, Inc., as investment advisor for the System. Ashford provides a variety of services to the System including: investment manager and custody contract negotiations, investment manager searches, performance analysis/attribution, and 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, 2014, may be found on page 76 of this report.

The Board retains the firm of Cheiron, Inc., 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 general counsel to the Board. The Deputy deals with legal questions involving interpretation 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 major activities of the Board and its committees during the 12-month period July 2013 through June 2014 were:

- As part of its continuing best practices review, continued to retain additional outside counsel to ensure full compliance with the IRS Code. Outside counsel was also retained for the purpose of drafting and reviewing alternative investment contracts.
- Held regular monthly meetings and met with representatives of investment management firms and the custodial bank on a regular basis
- Held hearings for individual plan members who appealed decisions of the Pension Office, including eligibility of individual employees for disability pension benefits, or questioned the Board's interpretation of State pension laws
- 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.



# Public Pension Coordinating Council

# Public Pension Standards Award For Funding and Administration 2013

Presented to

# Delaware Public Employees' Retirement System

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

Presented by the Public Pension Coordinating Council, a confederation of

National Association of State Retirement Administrators (NASRA)

National Conference on Public Employee Retirement Systems (NCPERS)

National Council on Teacher Retirement (NCTR)

Alan H. Winkle Program Administrator

alan Helingle

## 2014 Legislation Affecting Pensions

#### Senate Bill 28

(79 Del. Laws, C245)

Allows a pier diem employee of the legislature who receives a service pension to be exempt from the earnings limit while working for the legislature.

#### **House Bill 137**

(79 Del. Laws, C315)

Expands the survivor options for certain plans by allowing a pensioner to reduce their service or disability pension that would provide a survivor with a 50%, 66.6%, 75% or 100% pension benefit based on the elected deduction. Effective for those retiring with an effective date on or after January 1, 2015.

#### Senate Bill 261

(79 Del. Laws, C343)

Provides a 1% increase to pensioners effective January 1, 2015 that were retired on or before June 30, 2013.

#### **House Bill 279**

(79 Del. Laws, C413)

Adds full-time uniformed paramedic to the 'Employee" definition under the County & Municipal Police and Firefighters' Pension Plan.



# FINANCIAL SECTION

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware



KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

#### **Independent Auditors' Report**

Members of the Board of Pension Trustees Delaware Public Employees' Retirement System:

#### **Report on the Financial Statements**

We have audited the accompanying financial statements of the Delaware Public Employees' Retirement System (the System), a component unit of the State of Delaware, as of and for the year ended June 30, 2014 and the related notes to the financial statements, which collectively comprise the System's basic financial statements.

#### Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with U.S. generally accepted accounting principles; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

#### Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America 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 from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

#### **Opinion**

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the Delaware Public Employees' Retirement System as of June 30, 2014, and the changes in its fiduciary net position for the year then ended in conformity with U.S. generally accepted accounting principles.

#### **Emphasis of Matter**

As discussed in Note 3 to the financial statements, effective July 1, 2013, the System adopted the provisions of Governmental Accounting Standards Board (GASB) Statement No. 67, *Financial Reporting for Pension Plans—an amendment of GASB Statement No. 25.* Our opinion is not modified with respect to this matter.



#### Other Matters-

*Prior-Year Comparative Information:* We have previously audited the System's 2013 financial statements, and we expressed an unmodified opinion on those financial statements in our report dated November 22, 2013. In our opinion, the summarized comparative information presented herein as of and for the year ended June 30, 2013 is consistent, in all material respects, with the audited financial statements from which it has been derived.

Required Supplementary Information: U.S. generally accepted accounting principles require that the Management's Discussion and Analysis on pages 20-23, and the Schedule of Changes in Net Pension Liability, Schedule of Employer Contributions, Schedule of Net Pension Liability, and Schedule of Investment Return on pages 48-54 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Supplementary and Other Information: Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the System's basic financial statements. The Schedule of Administrative Expenses, Schedule of Investment Expenses and the Schedule of Fiduciary Net Position and Changes in Fiduciary Net Position of the Delaware Local Government Retirement Investment Pool (the Schedules) are presented for purposes of additional analysis and are not a required part of the basic financial statements. The Schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the Schedules are fairly stated in all material respects in relation to the basic financial statements as a whole.

The Introductory, Investment, Actuarial and Statistical sections as listed in the table of contents have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

#### Other Reporting Required by Government Auditing Standards

In accordance with *Government Auditing Standards*, we have also issued our report dated December 19, 2014 on our consideration of the System's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control over financial reporting and compliance.



Philadelphia, Pennsylvania December 19, 2014

KPMG LLP, is a Delaware limited liability partnership, the U.S. member firm of KPMG International Cooperative ("KPMG International"), a Swiss entity.

## Management's Discussion and Analysis

This section presents management's discussion and analysis of the Delaware Public Employees' Retirement System's (System) financial performance and provides an overview of the System's financial activities for the Fiscal Year ended June 30, 2014. 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, 2014, versus Fiscal Year 2013:

- Plan net position of all the funds administered by the System increased by \$1,137.4 million.
- Fiscal Year 2014 covered payrolls totaled \$2,014.8 million. Employer contributions increased 8.0% while Member contributions increased 5.4%. Employer contributions increased primarily due to the employers meeting the increased actuarial annual required contributions driven by anticipated future benefits, and investment returns. Member contributions were higher primarily due to an increase in covered payroll and a member contribution rate increase from 3% to 5% of earnings for all employees hired after January 1, 2012 under the State Employees' Plan.
- Net investment earnings (net increase/(decrease) in fair value, plus investment earnings, less investment-related expenses) increased by \$572.9 million as a result of a higher market driven investment return of 17.2% in Fiscal Year 2014.
- Transfer of Contributions from PRI Fund increased by 3.6% due to recent post-retirement increases granted by legislation.
- Pension benefits paid to retirees and beneficiaries increased \$25.3 million bringing the total benefit payments to \$544.4 million.
- Administrative expenses (including special project expenses) decreased by (5.2%). The decrease is largely due to a decrease in salary expense attributed to IT positions being transferred to the State Department of Technology and Information Systems and vacant positions within the pension department. There was also a large decrease in the purchase of computer hardware for the fiscal year ended June 30, 2014.

#### **Using this Financial Report**

The System's 2014 Financial Statements, Notes to the Financial Statements and Required Supplementary Information (RSI) were prepared in conformity with GASB Statement No. 67, *Financial Reporting for Pension Plans—an amendment of GASB Statement No. 25*. GASB Statement 67 replaces GASB statements 25 and 50 as reporting standards for pension systems. This financial report consists of two basic financial statements as follows:

- The *Statement of Fiduciary Net Position* which reports the pension trust funds' assets, liabilities, and resulting net position where Assets Liabilities = Net Position held in trust for pension benefits available at the end of the fiscal year. It is a snapshot of the financial position of the pension trust funds at that specific point in time.
- The *Statement of Changes in Fiduciary Net Position* summarizes the pension trust funds' financial transactions that have occurred during the fiscal year where Additions Deductions = Net Change in Net Position. It supports the change that has occurred to the prior year's net position on the *Statement of Fiduciary Net Position*.

Because of the long-term nature of a defined benefit pension plan, the basic financial statements alone cannot provide sufficient information to properly reflect the System's ongoing plan perspective. The

*Required Supplementary Information includes* four required schedules of historical trend information as follows:

The Schedule of Changes in Net Pension Liability (pages 48-49) presents sources of changes in the net pension liability. The Schedule of Net Pension Liability (page 50) includes historical information about the components of the net pension liability and related ratios, including fiduciary net position as a percentage of the total pension liability, and the net pension liability as a percentage of covered-employee payroll.

The Schedule of Employer Contributions (pages 51-53) includes information about the actuarially determined contribution, contributions to the pension plan, and related ratios. Additionally, significant methods and assumptions used in calculating the actuarially determined contributions are presented in the notes to required supplementary information.

The Schedule of Investment Returns (page 53) includes the annual money-weighted rate of return on pension plan investments for each year.

#### Rates of Return on Investments

The System has elected to disclose both the money-weighted and time-weighted rates of return. The money-weighted rate of return is disclosed, by plan, in the notes to the financial statements (Note 6 – Deposits and Investments) and in the required supplementary information (Schedule of Investment Returns). The time-weighted rate of return is disclosed in the Introductory Section and Investment Section of this report.

A money-weighted rate of return provides information about the actual performance of a pension plan's investment portfolio because it takes into account the effects of transactions that increase the amount of pension plan investments (such as contributions) and those that decrease the amount of pension plan investments (such as benefit payments). Additionally, the money-weighted rate of return provides information that is comparable with the long-term expected rate of return on pension plan investments, which is used in calculating information presented in the financial section of this report.

In contrast, a time-weighted rate of return considers investment performance of a hypothetical dollar invested from the beginning of an investment period to the period's end. The time-weighted rate of return does not consider the effect of varying amounts invested due to, for example, the receipt of contributions or the payment of benefits. A time-weighted rate of return communicates information that is suitable for comparisons to relevant benchmark rates, provides information to assess investment manager performance, and provides comparability among pension plans and investment managers.

# Summary Statement of Fiduciary Net Position

(dollar values expressed in thousands)

			Increase/ (Decrease)	Increase/ (Decrease)
Fiscal Years Ended June 30,	2014	2013	Amount	Percent
Cash and Investments at Fair Value	\$ 9,231,673	\$ 8,092,799	\$ 1,138,874	14.1%
Receivables	57,635	44,541	13,094	29.4%
Total Assets	\$ 9,289,308	\$ 8,137,340	\$ 1,151,968	14.2%
Total Liabilities	\$ 49,476	\$ 34,929	\$ 14,547	41.6%
Total Net Position	\$ 9,239,832	\$ 8,102,411	\$ 1,137,421	14.0%

# Summary Statement of Changes in Fiduciary Net Position

(dollar values expressed in thousands)

Fiscal Years Ended June 30,	2014	2013	Increase/ (Decrease) Amount	Increase/ (Decrease) Percent
Additions:				
Employer Contributions	\$ 255,067	\$ 236,140	\$ 18,927	8.0%
Transfer of Contributions from PRI Fund	27,536	26,585	951	3.6%
Transfer of Assets from Outside the System	2,938	3,018	(80)	(2.7%)
Member Contributions	63,019	59,798	3,221	5.4%
Other	31	9	22	244.4%
Net Investment Earnings (Losses)	1,376,463	803,595	572,868	71.3%
Net Securities Lending Income	365	-	365	100.0%
TOTAL ADDITIONS	\$ 1,725,419	\$ 1,129,145	\$ 596,274	52.8%
Deductions:	27.52(	26.505	051	2 (0)
Transfer of Contributions from PRI Fund	27,536	26,585	951	3.6%
Transfer of Assets Outside the System	1,137	2,121	(984)	(46.4%)
Pension Payments	544,395	519,075	25,320	4.9%
Refunds of Contributions to Members	3,980	4,028	(48)	(1.2%)
Burial Benefit Payments	5,328	5,361	(33)	(0.6%)
Administrative Expenses:				
General Administrative Expenses	5,488	5,817	(329)	(5.7%)
Best Practices Review	134	114	20	17.5%
Total Administrative Expenses	\$ 5,622	\$ 5,931	\$ (309)	(5.2%)
TOTAL DEDUCTIONS	\$ 587,998	\$ 563,101	\$ 24,897	4.4%
INCREASE/(DECREASE) IN NET POSITION	\$ 1,137,421	\$ 566,044	\$ 571,377	100.9%

#### **Analysis of Fiduciary Net Position**

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 Fiduciary net position increased by \$1,137.4 million during Fiscal Year 2014. The year's investment return of 17.2% or \$1,376.5 million in investment earnings is the primary reason for this year's increase in total plan net position. These increases were partially offset by benefit payments and administration expenses of \$555.3 million.

Employer contributions increased approximately \$18.9 million and Member contributions increased by approximately \$3.2 million. Employer contributions increased primarily due to the employers meeting the increased actuarial annual required contributions driven by anticipated future benefits and investment returns. Member contributions were higher primarily due to a new tier of 5% of earnings in excess of \$6,000 being created for new employees hired on or after January 1, 2012 as a result of passing House Bill 81 (78 Del. Laws, C14). Transfers from the Post-Retirement Increase Fund (PRI) increased by approximately \$0.9 million reflecting an increase in Plan transfers from Fiscal Year 2013 to 2014.

Transfers of Assets Outside the System include transfers from the County & Municipal Police and Firefighters' COLA Fund (COLA Fund) to individual participating entities. Pension benefit payments increased by approximately 4.9% as a result of 979 new retirees during FY14.

Administrative expenses (including special project expenses) decreased by (5.2%). The decrease is largely due to a decrease in salary expense attributed to IT positions being transferred to the State Department of Technology and Information Systems and vacant positions within the pension department. There was also a large decrease in the purchase of computer hardware for the fiscal year ended June 30, 2014.

# Combining Statement of Fiduciary Net Position

as of June 30, 2014 with Comparative Totals for June 30, 2013 *(expressed in thousands)* 

	State Employees' Plan	Special Fund	New State Police Plan	Judiciary Pension Plans	County & Municipal Police and Firefighters' Plans	County & Municipal Other Employees' Plan
Assets:						
Cash & Cash Equivalents	\$ 529,960	\$ 19	\$ 23,580	\$ 4,613	\$ 15,895	\$ 2,182
Receivables:						
Accrued Investment Income	13,980	1	515	107	288	37
Pending Trade Sales	25,985	1	1,161	227	780	107
Employer Contributions	7,753	-	454	118	944	146
Member Contributions	2,579	-	171	12	334	64
Total Receivables:	\$ 50,297	\$ 2	\$ 2,301	\$ 464	\$ 2,346	\$ 354
Investments at Fair Value:  Domestic Fixed Income Domestic Equities Pooled Equity & Fixed Income Alternative Investments Foreign Fixed Income Foreign Equities  Total Investments: TOTAL ASSETS:	299,981 1,864,678 2,909,917 1,597,126 172,048 1,010,872 \$ 7,854,622 \$ 8,434,879	10 68 106 57 7 37 \$ 285 \$ 306	13,400 83,294 129,985 71,344 7,685 45,155 \$ 350,863 \$ 376,744	2,622 16,295 25,430 13,956 1,504 8,834 \$68,641 \$73,718	9,003 55,963 87,333 47,933 5,163 30,338 \$235,733 \$253,974	1,235 7,678 11,982 6,576 709 4,162 \$ 32,342 \$ 34,878
Liabilities:						
Pending Purchases Payable	38,831	2	1,735	340	1,165	161
Benefits Payable	1,281	-	5	11	-	8
Accrued Investment Expenses	4,736	-	210	41	141	19
Accrued Administrative Expenses	266	-	5	1	6	2
TOTAL LIABILITIES:	\$ 45,114	\$ 2	\$ 1,955	\$ 393	\$ 1,312	\$ 190
NET POSITION - RESTRICTED FOR PENSION BENEFITS:	\$ 8,389,765	\$ 304	\$ 374,789	\$ 73,325	\$ 252,662	\$ 34,688

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

Vol Fir	laware lunteer emen's	Diamond State Port Corporation	County & Municipal Police and Firefighters'	Post- Retirement	Delaware Local Gov't Retirement Investment	Closed State Police		of June 30,
	Fund	Plan	COLA Fund	Increase Fund	Pool	Plan	2014	2013
\$	260	\$ 1,572	\$ 754	\$ 481	\$ 3,133	\$ 2,011	\$ 584,460	\$ 435,286
	-	32	5	3	74	-	15,042	15,164
	-	77	37	21	154	-	28,550	17,284
	-	60	-	1,394	-	-	10,869	9,438
	-	14	-	-	-	-	3,174	2,655
\$	-	\$ 183	\$ 42	\$ 1,418	\$ 228	\$ -	\$ 57,635	\$ 44,541
	- - 17,215	893 5,550 8,661	422 2,624 4,095	245 1,522 2,375	1,783 11,079 17,290	-	329,594 2,048,751 3,214,389	268,014 1,880,978 2,875,938
	-	4,754	2,247	1,304	9,490	-	1,754,787	1,528,083
	-	512	242	140	1,022	-	189,032	146,195
	-	3,009	1,422	825	6,006	-	1,110,660	\$ 958,305
-	17,215	\$23,379	\$11,052	\$ 6,411	\$ 46,670	\$ -	\$ 8,647,213	\$ 7,657,513
\$	17,475	\$25,134	\$11,848	\$ 8,310	\$ 50,031	\$ 2,011	\$ 9,289,308	\$ 8,137,340
	-	116	54	33	231	-	42,668	28,056
	13	-	-	-	-	7	1,325	1,429
	-	14	7	4	28	-	5,200	4,947
	-	1	-	-	-	2	283	497
\$	13	\$ 131	\$ 61	\$ 37	\$ 259	\$ 9	\$ 49,476	\$ 34,929
\$	17,462	\$25,003	\$11,787	\$ 8,273	\$ 49,772	\$ 2,002	\$ 9,239,832	\$ 8,102,411

## Combining Statement of Changes in Fiduciary Net Position

for the fiscal year ended June 30, 2014 with Comparative Totals for June 30, 2013 *(expressed in thousands)* 

	En	State nployees' Plan	_	ecial ınd	ew State Police Plan	P	diciary ension Plans	M Po	ounty & funicipal blice and efighters' Plans	Mu Em	ounty & unicipal Other ployees' Plan
Additions:											
Contributions:											
<b>Employer Contributions</b>	\$	174,863	\$	-	\$ 10,500	\$	2,839	\$	10,283	\$	2,049
Transfer of Contributions from PRI Fund		26,877		-	494		165		-		-
Transfer of Assets from Outside the System		-		-	-		-		-		-
Member Contributions		52,793		-	3,862		317		4,897		748
Other		-		-	31		-		-		-
Total Contributions:	\$	254,533	\$	-	\$ 14,887	\$	3,321	\$	15,180	\$	2,797
Investments:											
Investment Income		115,825		4	5,063		999		3,341		453
Net Appreciation (Depreciation)											
in Fair Value	1	1,160,771		45	50,520		9,970		33,297		4,519
Total Investment Income/(Loss):	\$ 1	1,276,596	\$	49	\$ 55,583	\$	10,969	\$	36,638	\$	4,972
Less Investment Manager/Advisor Fees		(21,676)		(1)	(955)		(188)		(635)		(86)
Less Investment Administrative Expenses		(538)		-	(8)		(1)		(10)		(5)
Net Investment Earnings/(Loss):	\$ 1	1,254,382	\$	48	\$ 54,620	\$	10,780	\$	35,993	\$	4,881
Securities Lending Income		392		-	17		4		12		2
Less Bank Fees		(59)		-	(2)		(1)		(2		(1)
Securities Lending Expense:		(59)		-	(2)		(1)		(2		(1)
Net Securities Lending Income:	\$	333		-	15		3		10		1
TOTAL ADDITIONS	<b>\$</b> `1	1,509,248	\$	48	\$ 69,522	\$	14,104	\$	51,183	\$	7,679
Deductions:											
Transfer of Contributions from PRI Fund		-		-	-		-		-		-
Transfer of Assets Outside the System		-		-	-				-		-
Pension Payments		500,978		42	10,591		3,588		2,989		581
Refunds of Contributions to Members		3,624		-	21		-		171		78
Burial Benefit Payments		5,216		-	7		-		-		-
Administrative Expenses		5,242		1	82		13		100		60
TOTAL DEDUCTIONS	\$	515,060	\$	43	\$ 10,701	\$	3,601	\$	3,260	\$	719
NET INCREASE (DECREASE)	\$	994,188	\$	5	\$ 58,821	\$	10,503	\$	47,923	\$	6,960
<b>NET POSITION - RESTRICTED</b>											
FOR PENSION BENEFITS:											
BALANCE BEGINNING OF YEAR	\$ 7	7,395,577	\$	299	\$ 315,968	\$	62,822	\$ :	204,739	\$	27,728
BALANCE END OF YEAR	\$ 8	3,389,765	\$	304	\$ 374,789	\$	73,325	\$	252,662	\$	34,688

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

Vo Fin	laware lunteer remen's	Diamond State Port Corporation	County & Municipal Police and Firefighters'	Post- Retirement	Delaware Local Gov't Retirement Investment	Closed State Police		Totals as	of J	
	Fund	Plan	COLA Fund	Increase Fund	Pool	Plan		2014		2013
\$	1,561	\$ 1,009	\$ -	\$28,899	\$ -	\$ 23,064	\$	\$ 255,067	\$	236,140
	-	-	-	-	-	-		27,536		26,585
	-	-	2,938	-	-	-		2,938		3,018
	166	236	-	-	-	-		63,019		59,798
	-	-	-	-	-	-		31		9
\$	1,727	\$ 1,245	\$ 2,938	\$28,899	\$ -	\$ 23,064	\$	\$ 348,591	\$	325,550
	317	335	143	95	678	\$ 2		127,255		140,976
\$	1,956	3,342	1,430	935	6,774	-		1,273,559		684,435
\$	2,273	\$ 3,677	\$ 1,573	\$ 1,030	\$ 7,452	\$ 2	\$	\$ 1,400,814	\$	825,411
	(2)	(63)	(28)	(19)	(128)	-		(23,781)		(21,119)
	-	(3)	-	-	-	(5)		(570)		(697)
\$	2,271	\$ 3,611	\$ 1,545	\$ 1,011	\$ 7,324	\$ (3)	Ş	\$ 1,376,463	\$	803,595
	-	1	-	-	2	-		430		-
	-	-	-	-	-	-		(65)		-
	-	-	-	-	-	-		(65)		-
<i>h</i>	2.000	1	- h / /02	420.010	2	- -		365	<i>h</i>	4 420 4 / 5
\$	3,998	\$ 4,857	\$ 4,483	\$29,910	\$ 7,326	\$ 23,061	*	\$ 1,725,419	\$	1,129,145
				27.526				27.526		26,585
	-	-	- 971	27,536	166	-		27,536 1,137		2,121
	1,819	611	9/1	-	100	23,196		544,395		519,075
	68	18	_	_	_	23,190		3,980		4,028
	-	-		_		105		5,328		5,361
	34	43	_	-	1	46		5,622		5,931
\$	1,921	\$ 672	\$ 971	\$27,536	\$ 167	\$ 23,347	\$		\$	563,101
\$	2,077	\$ 4,185	\$ 3,512	\$ 2,374	\$ 7,159	\$ (286)		\$ 1,137,421	\$	566,044
,	,	, , -	, 0,2	, ,2	, ,, =,	, , ,		, , , ,	,	- ,
\$	15,385	\$20,818	\$ 8,275	\$ 5,899	\$ 42,613	\$ 2,288	9	\$ 8,102,411	Ś	7,536,367
	17,462	\$25,003	\$11,787	\$ 8,273	\$ 49,772	\$ 2,002		\$ 9,239,832		8,102,411
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# Notes to Financial Statements June 30, 2014

#### 1. Plan Descriptions and Contribution Information

The following State-sponsored plans/funds (the Plans) are established in the Delaware Code:

- State Employees' Pension Plan
- Special Fund
- New State Police Pension Plan
- Judiciary Pension Plans (Closed and Revised)
- County & Municipal Police and Firefighters' Pension Plans
- County & Municipal Other Employees' Pension Plan
- Delaware Volunteer Firemen's Fund
- Diamond State Port Corporation 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; administrative rules and regulations are adopted and maintained by the Board. The Board of Directors for the Diamond State Port Corporation is responsible for setting benefits and contributions and amending their plan provisions.

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 most of 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.

The Board's oversight includes management of investment funds and pools included in the System, the Post-Retirement Increase Fund, the County & Municipal Police & Firefighters' COLA Fund, and the Delaware Local Government Retirement Investment Pool. These funds are commingled for investment purposes only. These funds are more fully explained in Note 2 to the financial statements.

The following employee membership data related to each Plan is based on an actuarial valuation as of June 30, 2013, updated as of June 30, 2014 using roll forward procedures in accordance with actuarial standards of practice:

Plan	Inactive Plan Members or Beneficiaries Currently Receiving Benefits	(1) Inactive Plan Members Entitled to But Not Yet Receiving Benefits	Active Plan Members	Total Plan Members	Participating Employers
State Employees'	23,579	3,094	35,571	62,244	2
Special	9	-	-	9	N/A
New State Police	173	11	689	873	1
Judiciary	45	-	56	101	1
County & Municipal Police & Firefighters'	87	28	1,082	1,197	32
County & Municipal Other Employees'	70	27	543	640	38
Delaware Volunteer Firemen's	1,640	174	4,882	6,696	63
Diamond State Port Corporation	49	25	238	312	1
Closed State Police	528	-	-	528	1
Total Membership:	26,180	3,359	43,061	72,600	139

<sup>(1)</sup> Includes individuals on long-term disability.

The following are brief descriptions of the individual plans in effect as of June 30, 2014. For a more complete description, please refer to the respective plan documents.

## State Employees' Pension Plan

**Plan Description and Eligibility:** 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.

There are two tiers within this plan: 1) employees hired prior to January 1, 2012 (Pre-2012). 2) employees hired on or after January 1, 2012 (Post-2011).

Service Benefits: Final average monthly compensation (employee hired Post-2011 may not include overtime in pension compensation) multiplied by 2.0% and multiplied by years of credited service prior to January 1, 1997, plus final average monthly 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 periods of twelve consecutive months of compensation.

**Vesting:** Pre-2012 date of hire: 5 years of credited service. Post-2011 date of hire: 10 years of credited service.

**Retirement:** Pre-2012 date of hire: 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. Post-2011 date of hire: age 65 with at least 10 years of credited service; Age 60 with 20 years of credited service; 30 years of credited service at any age.

**Disability Benefits:** Pre-2012 date of hire: Same as Service Benefits. Employee must have 5 years of credited service. In lieu of disability pension benefits, over 90% of the members of this plan opted into a Disability Insurance Program offered by the State effective January 1, 2006. Post-2011 date of hire – in the Disability Insurance Program.

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

#### **Contributions:**

*Employer* - determined by Board of Pension Trustees. Employer contributions were 9.5% and 8.9% of earnings for the Fiscal Year 2014 and 2013 respectively.

*Pre-2012 date of bire Member* - 3% of earnings in excess of \$6,000.

*Post-2011 date of bire Member* – 5% of earnings in excess of \$6,000.

**Burial Benefit:** \$7,000 per member.

## Special Fund

**Plan Description and Eligibility:** The Special Fund provides certain benefits granted to individuals identified through legislation passed by the General Assembly.

**Service Benefits:** Defined by special legislation.

**Vesting:** Defined by special legislation.

**Retirement:** Defined by special legislation.

**Disability Benefits:** Defined by special legislation.

**Survivor Benefits:** Same as State Employees' Plan.

**Contributions:** Employer contributions are actuarially determined and fully funded in advance by the General Assembly.

**Burial Benefit:** \$7,000 per member.

#### New State Police Pension Plan

**Plan Description and Eligibility:** 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.

**Vesting:** 10 years of credited service at age 62.

**Retirement:** Age 62 with 10 years of credited service; age plus credited service (but not less than 10 years) equals 75; has 10 years of service and is retired due to age; or 20 years of credited service.

#### **Disability Benefits:**

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

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

Non-Duty - Same as Service Benefits, total disability subject to a minimum 50% of final average monthly compensation plus 5% for each dependant not to exceed 20% for all dependants. Partial disability to a minimum of 30% of final average monthly compensation.

**Survivor Benefits:** If employee is receiving a pension, the eligible survivor receives 50% of pension; if employee is active, eligible survivor receives 75% of compensation.

#### **Contributions:**

*Employer* - determined by Board of Pension Trustees. Employer contributions were 19.1% and 17.4% of earnings for the Fiscal Year 2014 and 2013 respectively.

*Member* - 7% of compensation.

**Burial 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 singleemployer 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:**

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:**

*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, the eligible survivor receives 50% of pension (or 2/3 with 2% reduction of pensioner's benefit); if employee is active with at least 5 years of credited service, eligible survivor receives 2/3 of the benefit the employee would have received at age 62.

#### **Contributions:**

*Employer* - determined by Board of Pension Trustees. Employer contributions were 27.7% and 27.7% of earnings for the Fiscal Year 2014 and 2013 respectively.

*Member - Closed -* \$500 per year for the first 25 years of service.

*Member - 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.

**Burial Benefit:** Not applicable.

# County & Municipal Police and Firefighters' Pension Plan

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

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.

**Vesting:** 5 years of credited service.

**Retirement:** Age 62 with 5 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.

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

Non-Duty - Same as Service Benefits, total disability subject to a minimum 50% of final average monthly compensation plus 5% for each dependant not to exceed 20% for all dependants. Partial disability to a minimum of 30% of final average monthly compensation.

**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. If the member is killed in the line of duty, the eligible survivor receives 75% of the member's compensation.

#### **Contributions:**

*Employer* - determined by Board of Pension Trustees. Employer contributions were 15.5% and 14.8% of earnings for the Fiscal Year 2014 and 2013 respectively.

Member - 7% of compensation.

Burial Benefit: Not applicable.

# County & Municipal Other Employees' Pension Plan

Plan Description and Eligibility: 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.

**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.

**Disability Benefits:** Same as Service Benefits. Employee must have 5 years of credited service.

**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. Employer contributions were 6.6% and 6.8% of earnings for the Fiscal Year 2014 and 2013 respectively.

*Member* - 3% of earnings in excess of \$6,000.

**Burial Benefit:** Not applicable.

## Delaware Volunteer Firemen's Fund

Plan Description and Eligibility: The Delaware

Volunteer Firemen's Fund is a cost-sharing multiple-employer defined benefit pension plan that covers all actively participating volunteers of fire departments, ladies auxiliaries, or ambulance organizations within the State of Delaware.

**Service Benefits:** \$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. Employer contributions were \$318.73 and \$295.97 per member for the Fiscal Year of 2014 and 2013 respectively.

*Volunteer Member* - \$60 per member per calendar year.

Burial Benefit: Not applicable.

## Diamond State Port Corporation Plan

**Plan Description and Eligibility:** 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.

**Vesting:** 5 years of credited service.

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

**Disability Benefits:** Same as Service Benefits. Employee must have 15 years of credited service.

**Survivor Benefits:** If employee is receiving a pension, the eligible survivor receives 50% of pension; if employee 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 the Board of Pension Trustees. Employer contributions were 8.6% and 7.6% of earnings for the Fiscal Year 2014 and 2013 respectively.

Member - 2% of compensation.

Burial Benefit: Not applicable.

#### Closed State Police Pension Plan

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

**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.

**Burial 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 allocated to the State and local governments on a per member basis and held by the Fund until COLAs are granted. In 1994, the New State Police Plan began receiving funding for post-retirement increases from the Post-Retirement Increase Fund. Since that time, funds calculated for the State Police membership were re-directed into the COLA Fund. In accordance with 18 Del. C. §708(c), when a participating employer grants a post-retirement increase for a plan outside of the DPERS County & Municipal Plans, funds are transferred from the COLA Fund to the employer. These plans are the "closed" plans that are administered by the employer and existed prior to the employer joining the County/Municipal Police and Firefighter Plan. Any financial reporting as a result of a COLA granted in these plans is the responsibility of the employer. These increases are not the responsibility of DPERS. The participating employer must provide funds to match the State's contribution. Allocated funds that are unused will be reverted to the State General Fund.

#### **Post-Retirement Increase Fund**

The State of Delaware passed legislation which established a mechanism for funding ad hoc post-retirement increases granted by the General Assembly to members 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. With the exception of the Closed State Police Plan, projected benefit payments do not include the effects of projected ad hoc cost-of-living adjustments (ad hoc COLAs) as they are not substantively automatic. The primary considerations relevant to making this determination include the historical pattern of granting the changes and the consistency in the amounts of the changes. The actuary uses the current actuarial assumptions, methods, and population data to calculate the estimated additional liability resulting from granted ad hoc benefit increases. 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. For the Fiscal Year ended June 30, 2014, \$27.5 million was transferred to the appropriate plans in the System.

As of June 30, 2014, recently granted post-retirement increases have outstanding liabilities totaling \$132.5 million, which are anticipated to be funded by the State and transferred to the appropriate plans over the next six fiscal years as follows:

Fiscal Year 2015	\$ 33,492,700
Fiscal Year 2016	\$ 39,808,000
Fiscal Year 2017	\$ 31,136,600
Fiscal Year 2018	\$ 10,944,700
Fiscal Year 2019	\$ 11,300,400
Fiscal Year 2020	\$ 5.833.800

The Board adopts actuarially determined funding for the Post-Retirement Increase Fund. Funding for Fiscal Year 2014 was 1.51% of covered payroll. Funding for Fiscal Year 2015 will be 1.66%.

#### **Local Government Retirement Investment Pool**

In June 1996, the State of Delaware 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 for investment purposes. The DELRIP is an external investment pool that allows local governments to potentially maximize their rate of return and reduce administrative expenses related to the investment of funds. Participation in the pool is voluntary. There were three participating entities in DELRIP as of June 30, 2014, which comprise the pool in its entirety: Sussex County and the Towns of Elsmere and Newport.

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 legally 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 36 and 37). Since this pool is a portion of the total System, the same accounting and investment policies described in the following financial footnotes apply.

#### 3. Summary of Significant Accounting Policies

The accompanying financial statements of the Delaware Public Employees' Retirement System (DPERS or the System) have been prepared in conformity with Accounting Principles Generally Accepted in the United States (GAAP) as prescribed by the Governmental Accounting Standards Board (GASB).

#### **Basis of Accounting**

The financial statements are presented on the accrual basis. Employer contributions to each plan are recognized when due pursuant to legal requirements. 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 U.S. generally accepted accounting principles.

#### **Method Used to Estimate Values**

Management of the System has made certain estimates and assumptions relative to the reporting of assets and liabilities, and the disclosure of contingent assets and liabilities, to prepare these financial statements in conformity with U.S. generally accepted accounting principles. Actual results could differ from those estimates.

#### **New Accounting Pronouncements**

The System adopted and implemented GASB Statement No. 67, *Financial Reporting for Pension Plans—an amendment of GASB Statement No. 25* during the year ended June 30, 2014. The objective of this Statement is to improve financial reporting by state and local governmental pension plans. This Statement results from a comprehensive review of the effectiveness of existing standards of accounting and financial reporting for pensions with regard to providing decision-useful information, supporting assessments of accountability and inter-period equity, and creating additional transparency. This

Statement replaces the requirements of Statements No. 25 *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans*, and No. 50 *Pension Disclosures*. These requirements affect the financial reporting primarily through enhanced note disclosures and schedules of required supplementary information.

Highlights of the changes to these financial statements as a result of implementing GASB Statement 67 are as follows:

- The Statement of Plan Net Position and Statement of Changes in Plan Net Position have now been retitled as Statement of Fiduciary Net Position and Statement of Changes in Fiduciary Net Position, respectively.
- New Required Supplementary Information includes a Schedule of Net Pension Liability, Schedule of Changes in Net Pension Liability, Schedule of Employer Contributions, and Schedule of Investment Returns. Notes to the RSI include significant methods and assumptions used in calculating the actuarially determined contributions.
- GASB Statement 67 only affects reporting requirements and does not prescribe funding methods which could be different. The System will continue to use a funding policy that follows a financing pattern which computes and requires contribution amounts (when expressed as a percentage of active member payroll) to remain approximately level from year to year.
- The discount rate used to calculate the present value of future benefit payments for reporting purposes is based upon the projected plan net position (PNP) using actuarial assumptions about contributions, benefit payments and the long-term rate of return. The System currently uses the long term discount rate of 7.2%, with the exception of the Closed State Police Plan which is 4.3%, and expects assets will be sufficient to cover PNP.

#### **Investments**

All of the investment assets of the Plans and Funds, with the exception of the Closed State Police Pension Plan (which is a pay-as-you-go plan) and the Delaware Volunteer Firemen's Fund (which is a length of service award plan), are pooled and invested in a common Master Trust. Each of the Plans or Funds described herein shares in the Master Trust based on funds contributed and earnings/(losses) allocated.

Investments are reported at fair value. Fair values for fixed income and equity securities are generally valued based on published market prices and quotations from national security exchanges or securities pricing services. Pooled investments are funds wherein the System owns units or shares of commingled equity, bond, and cash funds. Alternative investments include nontraditional investments, some of which may be illiquid, such as limited partnerships, venture capital funds, or private LLCs.

Management generally uses net asset value as reported by investment managers as a practical expedient to fair value for its investments in pooled and alternative investment funds. Net asset values provided by pooled and alternative investment managers are based on quoted prices for the funds' underlying securities (most of which are marketable), as well as estimates, appraisals, assumptions, and methods that are established by valuation committees and reviewed by management. Net asset value may differ from fair value, and under some circumstances, management may determine, based on other information available, that an underlying investment's reported valuation does not represent fair value. These net asset values are reviewed by Pension Office staff and its investment advisor; both management and the custodian receive periodic and audited annual financial reports from the alternative fund managers.

Pooled investments are redeemable with the underlying funds at net asset values under the original terms of the partnership agreements and/or subscription agreements. As of June 30, 2014, the fair value of these investments totaled \$3,214,389 thousand. The asset allocation (in thousands) was \$1,299,430 domestic fixed income, \$1,316,945 domestic equity, and \$598,014 international equity.

As of June 30, 2014, alternative investment values of \$1,754,787 thousand represent 19.0% of the System's net position.

At the close of the fiscal year, a separate account was maintained in a short-term investment fund to meet the cash-flow and investment needs of the Closed State Police Plan. The Delaware Volunteer Firemen's Fund was separately invested in a short-term investment fund, and in domestic equity, domestic fixed income, and international stock index funds.

#### **Administrative Expenses**

General expenses for the administration of the System are budgeted and approved as part of the annual State budget process and are paid from the assets of the System. Expenses for some professional services, including outside legal counsel, auditor, investment manager, investment advisor, and actuarial services are paid directly from the System. In addition, the Board reviews and approves proposals for one-time, special projects as they arise. The cost of administrative expenses for the System are financed through plan contributions and investment earnings.

#### 4. Net Pension Liability of Employers

The components of the Net Pension Liability/(Asset) of each Plan as of June 30, 2014 were as follows: *(dollar values expressed in thousands)* 

Plan	(1) Total Pension Liability	(2)Plan Fiduciary Net Position	(3) Employers' Net Pension Liability/(Asset) (1) - (2)	(4) Plan Fiduciary Net Position as a % of the Total Pension Liability (2)/(1)	(5) Covered Employee Payroll	(6) Net Pension Liability/(Asset) as a % of Covered Payroll (3)/(5)
State Employees'	\$8,757,980	\$ 8,389,765	\$ 368,215	95.8%	\$ 1,840,521	20.0%
Special	200	304	(104)	152.0%	N/A	N/A
New State Police	390,044	374,789	15,255	96.1%	55,067	27.7%
Judiciary	71,968	73,325	(1,357)	101.9%	10,244	(13.3%)
County & Municipal Police and Firefighters'	241,845	252,662	(10,817)	104.5%	66,268	3 (16.3%)
County & Municipal Other Employees'	34,060	34,688	(628)	101.8%	30,937	(2.0%)
Diamond State Port Corporation	28,006	25,003	3,003	89.3%	11,771	25.5%
Closed State Police+	\$ 369,934	\$ 2,002	\$ 367,932	0.5%	N/A	N/A

					Active Members++	UAAL Per Active Member**
Delaware Volunteer Firemen's	\$ 31,576	\$ 17,462	\$ 14,114	55.3%	4,882	\$ 2,891

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

The Schedule of Changes in Net Pension Liability, presented on pages 48-49 is required supplementary information (RSI) following the Notes to the Financial Statements.

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

#### 5. Plan Actuarial Assumptions

The total pension liability was determined by an actuarial valuation as of June 30, 2013, and update procedures were used to roll forward the total pension liability to June 30, 2014. The following actuarial assumptions were used, applied to all periods included in the measurement:

Plan	State Employees'	Special	New State Police	Judiciary	Closed State Police
Actuarial Assumptions:					
Investment rate of return/Discount rate (1)	7.2%	7.2%	7.2%	7.2%	4.3% (2)
Projected Salary Increases (1)	3.5% to 11.5%	N/A	4.5% to 11.5%	3.5% to 12%	N/A
Cost-of-living adjustments	Ad hoc	Ad hoc	Ad hoc	Ad hoc	Based on CPI

Plan	County & Municipal Police and Firefighters'	County & Municipal Other Employees'	Delaware Volunteer Firemen's	Diamond State Port Corporation
Actuarial Assumptions:				
Investment rate of return/Discount rate (1)	7.2%	7.2%	7.2%	7.2%
Projected Salary Increases (1)	4% to 11.5%	3.5% to 11.5%	3%	4%
Cost-of-living adjustments	Ad hoc	Ad hoc	Ad hoc	Ad hoc

<sup>(1)</sup> With the exception of the Closed State Police, inflation is included at 3%.

The total pension liabilities are measured based on assumptions pertaining to the interest rates, inflation rates and employee demographic behavior in future years. The assumptions used were based on the results of an actuarial experience study conducted in 2011. It is likely that future experience will not exactly conform to these assumptions. To the extent that actual experience deviates from these assumptions, the emerging liabilities may be higher or lower than anticipated. The more the experience deviates the larger the impact on future financial statements.

Mortality rates were based on the Sex distinct RP - 2000 combined Mortality Table projected to 2015 using scale AA for Males or Females, as appropriate, for mortality improvement.

With the exception of the Closed State Police Plan, projected benefit payments do not include the effects of projected ad hoc cost-of-living adjustments (ad hoc COLAs) as they are not substantively automatic. The primary considerations relevant to making this determination include the historical pattern of granting the changes and the consistency in the amounts of the changes.

The long-term expected rate of return on pension plan investments was determined using a building-block method in which best-estimate ranges of expected future real rates of return (expected returns, net of investment expense and inflation) are developed for each major asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by an asset allocation percentage which is based on the nature and mix of current and expected plan investments, and by adding expected inflation. Best estimates of geometric real rates of return for each major asset class included in the System's current and expected asset allocation as of June 30, 2014 are summarized in the following table:

<sup>(2)</sup> Closed State Police inflation is included at 2.3%

Asset Class	Long-Term Expected Real Rate of Return
Domestic Equity	5.7%
International Equity	5.7
Fixed Income	2.0
Alternative Investments	7.8
Cash & Equivalents	

Discount rate. The discount rate for all plans, except Closed State Police, used to measure the total pension liability was 7.2 percent. The projection of cash flows used to determine the discount rate assumed that contributions from plan members will be made at the current contribution rates and that contributions from employers will be made at rates determined by the Board of Pension Trustees, actuarially determined. Based on those assumptions, the pension plans' fiduciary net position was projected to be available to make all projected future benefit payments of current plan members. Therefore, the long-term expected rate of return on pension plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

The Closed State Police Plan used a discount rate of 4.3%, which represents the 20 year AA Municipal Bond rate since this plan is pay as you go.

Sensitivity of the net pension liability to changes in the discount rate. The following presents the net pension liability of the Plans, calculated using the discount rate of 7.2 percent (4.3% for Closed State Police), as well as what the Plans' net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower or 1-percentage-point higher than the current rate:

#### (dollar values expressed in thousands)

Plans	1% Decrease	<b>Discount Rate</b>	1% Increase
State Employees'	\$1,379,955	368,215	(486,909)
Special Fund	(95)	(104)	(112)
New State Police	68,575	15,255	(29,017)
Judiciary Pension	5,017	(1,357)	(6,897)
County and Municipal P&F	28,343	(10,817)	(42,890)
County and Municipal Other	4,588	(628)	(4,929)
Diamond State Port Corporation	6,537	3,003	20
Closed State Police	403,971	367,932	337,173
Delaware Volunteer Fire	19,292	14,114	10,007
Total	\$1,916,183	755,613	(223,554)

#### 6. Deposits and Investments

#### **Investment Policy**

The Board of Pension Trustees is authorized by 29 Del. C. § 8308 to maintain and invest the funds of the System. There are no State statutes limiting allowable investments for the System. The investment decisions are dictated by the prudent person rule and the internal investment guidelines which are established, and may be amended by the Board as outlined below:

- Allocate a minimum of 20% of assets to fixed income investments such as bonds, cash equivalents, and certain real estate investments
- Maintain a diversified portfolio, to minimize the risk of overexposure in any one-market segment or investment style
- Monitor the performance of all investment managers using specific benchmarks
- Control exposure in illiquid asset classes
- Review, re-examine, and reconfirm the operation of results of the investment process regularly
- Identify new long-term opportunities for risk reduction and improved investment returns
- Review actuarial assumptions to ensure consistency with capital market expectations.

The Board delegates the operation of the System's investments to the Investment Committee. The Committee establishes asset allocations to various investment markets. The following were the System's adopted asset allocation ranges as of June 30, 2014:

	Percent of Total	Fund Allocation (1)
Asset Class	Minimum	Maximum
Marketable Investments		
Equity (including Convertibles)	20%	80%
Fixed Income (including Cash) (2)	$20\%^{(2)}$	80%
<b>Total Marketable Investments</b>	30%	100%
Non-Traditional Investments		
Illiquid Investments	0%	30%
Other Diversification Strategies	0%	20%
<b>Total Non-Traditional Investments</b>	0%	30%
Total Fund	1	00%

<sup>(1)</sup> The Fund will rarely be fully invested at the minimum or maximum limits, and some assets will be held in cash.

During Fiscal Year 2014 there was a detailed review of the Board's Investment Policy by the Investment Committee, Investment Advisor, and Legal Counsel. The revised policy was adopted by the Board on May 30, 2014. There were no significant changes to the policy, although there were some changes to reflect current Board practices with regard to new regulatory requirements under Dodd Frank, and SEC rules.

For the Fiscal Year ended June 30, 2014, management of the System believes it has operated in all material respects in accordance with these policies.

Within the broad asset allocation ranges noted above, the system does not rebalance to a specific target allocation. While the System does not utilize a target allocation approach, the following is the average asset allocation for the 10-year period ended June 30, 2014, which is representative of the nature and mix of current and expected System investments.

 $<sup>(2) \</sup> A \ minimum \ of 15\% \ of the \ Fund \ is \ to \ be \ invested \ in \ investment \ grade \ fixed \ income \ securities \ or \ cash \ equivalents.$ 

Asset Class	10-year Average Allocation
Domestic Equity	38%
International Equity	16%
Fixed Income	22%
Cash & Short-Term	5%
Non-Traditional Investments	19%
	100%

#### Rate of Return

The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested. For the year ended June 30, 2014, the annual money-weighted rates of return on pension plan investments, net of pension plan investment expenses, were as follows:

Plan	Money-Weighted Rate
State Employees'	17.2%
Special	17.2%
New State Police	17.2%
Judiciary	17.2%
County & Municipal Police and Firefighters'	17.3%
County & Municipal Other Employees'	17.3%
Delaware Volunteer Firefighters	15.1%
Diamond State Port Corporation	17.3%
County & Municipal COLA	17.6%
Post-Retirement Increase Fund	19.4%
DELRIP-Sussex Co.	17.3%
DELRIP-Elsmere	17.2%
DELRIP-Newport	17.3%
Closed State Police	-0.1%

#### **Securities Lending**

Effective October 15, 2013, the System entered into a security lending agreement with its custodian bank, who acts as security lending agent for the System. The objective of securities lending is to earn income through a conservatively operated and well-controlled program. The custodian is authorized to lend securities within the borrower limits and guidelines established by the System. The System lends fixed income, domestic equity, and international equity securities to approved broker/dealers. Collateral for securities loaned equals 102 percent of fair market value for domestic securities and 105 percent for international securities.

The only types of collateral received from borrowers are obligations issued by the U.S. Government. All rights of ownership to securities pledged as collateral remain with the borrower except in the event of default. The System has the authority to sell collateral securities only upon a borrower default. As of June 30, 2014, there were no violations of legal or contractual provisions. The System has not experienced any losses resulting from the default of a borrower or lending agent during the year ended June 30, 2014.

At year-end, the System has no credit risk exposure to borrowers because the amounts the System owes the borrowers exceed the amounts the borrowers owe the System. The contract with the System's custodian requires it to indemnify the System if the borrowers fail to return the securities or fail to pay the System for income distributions by the securities' issuers while the securities are on loan. The System manages its market risk by recording investments at fair value daily and maintaining the value of the collateral held by the System in excess of the value of the securities loaned. As of June 30, 2014, the fair value of securities on loan was \$81.7 million. The associated collateral was \$87.0 million.

All open security loans can be terminated on demand by either the System or borrower. The collateral is valued at fair value obtained from independent pricing services.

#### **Investments**

The following is a listing of fixed income investments and cash equivalents and related maturity schedule which shows the System's exposure to interest rate risk as of June 30, 2014. It is the System's policy to classify corporate convertible bonds as equity securities on the Statement of Net Position on pages 24-25 because these securities generally convert to preferred equity interests upon maturity. Corporate convertible bonds in the amount of \$784.9 million have been included in the chart below as they have maturity dates and are exposed to interest rate risk.

#### Investment Maturities (in Years) (expressed in thousands)

Investment Type		Fair Value	Less than 1	1 - 6	6 - 10	10 +
Asset Backed Securities		\$ 21,259	\$ -	\$ 5,112	\$ 1,163	\$ 14,984
Bank Loans		16,940	-	10,685	6,255	-
Cash Equivalents		484,088	484,088	-	-	-
Commercial Mortgage-Backed		6,097	-	-	-	6,097
Corporate Bonds		385,812	5,094	109,552	126,529	144,637
Corporate Convertible Bonds		784,948	31,966	541,186	129,510	82,286
Government Agencies		17,641	-	17,641	-	-
Government Bonds		54,839	11,910	23,930	6,929	12,070
Municipal/Provincial Bonds		16,038	564	10,991	-	4,483
Pooled Investments		1,299,430	-	293,398	1,006,032	-
	Total:	\$ 3,087,092	\$ 533,622	\$1,012,495	\$1,276,418	\$ 264,557

#### **Interest Rate Risk**

The State has delegated investment policy for the System to the Board and its Committees. The Investment Committee sets its own guidelines in conjunction with the Board to manage and review the System's exposure to fluctuating interest rates. Interest rate risk is a consideration when establishing and reviewing investment manager guidelines and asset allocation. Both topics are included in the statement of Investment Policies and Objectives which are published on the System's web site.

#### **Custodial Credit Risk**

#### **Deposits**

For deposits, custodial credit risk is the risk that, in the event of the failure of a depository financial institution, the deposits or collateral securities may not be recovered from an outside party. At June 30, 2014, the \$584.5 million carrying amount of the System's cash and cash equivalents was comprised of \$574.2 million of short-term investments and \$10.3 million in deposits. Of the \$10.3 million in deposits, \$5.9 million was subject to custodial credit risk because it was held by outside institutions and uninsured and uncollateralized. The remaining \$4.4 million was held as pooled cash management account by the State Treasurer's Office, which includes deposit accounts, short and long term investments.

#### **Investments**

Custodial credit risk for investments is the risk that, in the event of the failure of the counterparty to a transaction, the value of the investment or collateral securities that are in the possession of an outside party may not be recovered. Investments are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the government, and are held by either the counterparty or the counterparty's trust department or agent but not in the government's name. The System's investments are not exposed to custodial credit risk as they are held by the System's custodian in the name of the System or its nominee.

#### **Credit Risk**

The System's general investment policy is to apply the prudent-person rule to all risks incurred by the fund: 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 related to credit risk. As of June 30, 2014, the System's fixed income investments and cash equivalents had the following credit risk characteristics:

## Ratings Detail by Security Type (expressed in thousands)

<b>Fixed Income Security Type</b>	AAA to A	BBB to B	CCC to C	<b>Not Rated</b>	Total
Asset Backed Securities	\$ 11,050	\$ 8,209	\$ -	\$ 2,000	\$ 21,259
Bank Loans	-	6,530	4,110	6,300	16,940
Cash Equivalents	484,088	-	-	-	484,088
Commercial Mortgage-Backed	3,907	2,190	-	-	6,097
Corporate Bonds	17,517	306,503	36,713	25,079	385,812
Corporate Convertible Bonds	33,033	182,877	1,754	567,284	784,948
Government Agencies	17,641	-	-	-	17,641
Government Bonds	44,719	10,120	-	-	54,839
Municipal/Provincial Bonds	11,555	4,483	-	-	16,038
<b>Pooled Investments</b>	1,012,920	286,510	-	-	1,299,430
Total:	\$ 1,636,430	\$ 807,422	\$ 42,577	\$600,663	\$3,087,092
Percentage of Total Fund	17.7%	8.7%	0.5%	6.5%	33.4%

#### **Investment Concentration Risk**

As of June 30, 2014, the System held no concentration of investments in an individual issuer in excess of 5% of the fair value of the System's net position.

#### **Management Fees**

In addition to the \$23.8 million paid in Manager/Advisor fees shown in the Statement of Changes in Fiduciary Net Position, the System paid \$28.5 million and \$27.4 million in management fees to the alternative investment funds and partnerships for the Fiscal Years ended June 30, 2014 and 2013, respectively. These fees are netted against investment income.

#### **Investment Commitments**

The System has commitments to invest up to an additional \$739.4 million in venture capital limited partnerships in varying amounts as of June 30, 2014, to be drawn down, as called upon at any time during the term of each partnership, which is usually a ten-year period. Generally, these commitments are self-funding, in that the capital calls are met using cash flows generated by the existing venture capital/limited partnerships as managers in this asset class realize the proceeds of their investments.

#### **Foreign Investments**

Foreign investments include equity securities, bonds, and cash and cash equivalents. The following is a listing of foreign assets included in the Statement of Fiduciary Net Position as of June 30, 2014. The listing includes \$6.1 million of investments of domestic issuers which have been classified as domestic on the Statement of Fiduciary Net Position, but are denominated in a foreign currency.

## Currency Risk

(expressed in thousands)

Currency	Fair Value in U.S. Dollars	Equities	Fixed Income	Cash and Cash Equivalents
Australian dollar	\$ 33,658	\$ 19,861	\$ 13,797	\$ -
Brazilian real	13,206	8,180	5,026	-
British pound sterling	116,054	89,122	26,855	77
Canadian dollar	68,344	16,655	51,519	170
Danish krone	9,645	9,645	-	-
Euro	283,881	78,842	200,081	4,958
Hong Kong dollar	86,950	62,736	24,028	186
Indonesian rupiah	21,418	18,327	3,091	-
Japanese yen	100,297	38,447	61,545	305
Malaysian ringgit	4,389	4,389	-	-
Mexican peso	17,770	2,813	14,837	120
New Zealand dollar	20,600	-	20,600	-
Nigerian naira	3,405	3,405	-	-
Norwegian krone	13,369	-	13,369	-
Philippine peso	18,363	18,363	-	-
Singapore dollar	14,999	7,867	7,108	24
South African rand	6,747	6,747	-	-
South Korean won	8,301	3,093	5,208	-
Swedish krona	21,833	18,628	3,165	40
Swiss franc	43,664	40,982	2,674	8
Thai baht	3,403	3,403	-	-
Turkish lira	10,507	10,507	-	-
United Arab Emirates dirham	4,745	4,745	-	-
Total Foreign Currencies	\$ 925,548	\$ 466,757	\$ 452,903	\$ 5,888
Foreign issued investments denominated in U.S. Dollars	386,154	149,384	236,770	-
Pooled international investments denominated in U.S. Dollars	598,014	598,014	-	-
Total:	\$ 1,909,716	\$ 1,214,155	\$ 689,673	\$ 5,888

#### **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. The Board adopted a formal written policy on the use of derivatives which is reviewed periodically and incorporated in the formalized investment policy adopted by the Board. Some 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. Derivatives serve a variety of useful purposes for the System, including the reduction of foreign exchange risk, the minimization of transaction costs and as a means of implementing value added strategies to enhance returns. If the use of derivatives in a portfolio strategy results in some leverage, that leverage is never permitted to expose the Fund to a loss greater than the amount committed to that strategy.

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

Category	Purpose
Foreign exchange forward contracts	Hedge currency risk of investments denominated in foreign currencies; enhance return
Exchange traded futures contracts	Reduce transaction costs; hedge equity market risk; control fixed income; counterbalance portfolio duration; enhance return
Exchange traded options contracts	Enhance return; reduce transaction costs
Total return equity swaps	Hedge equity market risk exposure

Generally, derivatives are subject both to market risk and counterparty risk. The derivatives utilized by the System typically have no greater 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. Foreign exchange contracts are valued at the price at which the transaction could be settled by offset in the forward markets.

The Investment Committee monitors the System's derivative holdings on a regular basis to ensure that the derivatives used by managers of the System will not have a material adverse impact on its financial condition. Total derivative instruments at June 30, 2014 were not material to the System.

#### **Risk and Uncertainty**

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risks. Due to the level of risk inherent in investment securities, it is possible that changes in the values of investment securities will occur in the near term and that such changes could affect the amounts reported in the Statement of Fiduciary Net Position.

#### 7. Tax Status

The System currently operates seven of its plans as tax qualified governmental retirement plans under the Internal Revenue Code ("IRC"). The seven plans include the State Employees', New State Police, Judiciary, County & Municipal Police and Firefighters', County & Municipal Other Employees', and Diamond State Port Corporation, and Closed State Police ("Qualified Retirement Plans"). The Internal Revenue Service made favorable determinations by letters dated April 23, 2014 for the State Employees', New State Police, Judiciary, County & Municipal Police and Firefighters', County & Municipal Other Employees', and April 28, 2014 for the Closed State Police that the Qualified Retirement Plans are designed in accordance with applicable sections of the IRC. The Diamond State Port Corporation received a favorable determination letter and compliance statement dated August 28, 2014. The System and its tax counsel believe the Qualified Plans are designed and are currently being operated in compliance with the applicable provisions of the IRC. The favorable determination letters for the Qualified Retirement Plans are valid through January 31, 2019.

The Delaware Volunteer Firemen's Fund ("Firemen's Fund") operates as a length of service award plan under IRC section 457(e)(11). The Firemen's Fund received a favorable private letter ruling from the Internal Revenue Service ("IRS") on January 13, 2009.

Additionally, the System submitted a private letter ruling request in November 2012 with respect to the establishment of the Delaware Public Employees' Retirement System Qualified Excess Benefit Arrangement Plan and Trust.

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#### **Required Supplementary Information**

## Schedule 1 - Schedule of Changes in Net Pension Liability

(dollar values expressed in thousands) (unaudited)

	]	State Employees' Plan	pecial Fund	ľ	New State Police Plan	-	udiciary Pension Plans
<b>Total Pension Liability:</b>							
Service Cost	\$	190,156	\$ -	\$	12,378	\$	2,542
Interest		599,144	15		26,137		4,869
Changes in Benefit Terms		-	-		-		-
Differences between Expected and		-	-		-		-
Actual experience							
Changes in Assumptions		-	-		-		-
Benefit Payments, Including		(509,818)	(42)		(10,619)		(3,588)
Refunds of Member Contributions							
Net Change in Total Pension Liability	\$	279,482	(27)		27,896		3,823
Total Pension Liability – Beginning	\$	8,478,498	227		362,148		68,145
Total Pension Liability – Ending (a)	\$	8,757,980	200		390,044		71,968
Plan Fiduciary Net Position							
Contributions – Employer	\$	174,863	\$	\$	10,500	\$	2,839
Contributions – Non-Employer		26,877	-		525		165
Contributions – Member		52,793	-		3,862		317
Net Investment Income		1,254,715	48		54,635		10,783
Benefit Payments, including refunds of		(509,818)	(42)		(10,619)		(3,588)
member contributions							
Administrative Expenses		(5,242)	(1)		(82)		(13)
Net Change in Plan Fiduciary Net Position		994,188	5		58,821		10,503
Plan Fiduciary Net Position – Beginning	\$	7,395,577	\$ 299	\$	315,968	\$	62,822
Plan Fiduciary Net Position – Ending (b)	\$	8,389,765	\$ 304	\$	374,789	\$	73,325
Plan Net Pension Liability (Asset) – Ending (a) - (b)	\$	368,215	\$ (104)	\$	15,255	\$	(1,357)

County & Municipal Police and Firefighters' Plans	County & Municipal Other Employees' Plan	Delaware Volunteer Firemen's Fund	Diamond State Port Corporation Plan	Closed State Police Plan	
d 1/207	φ 2227	φ 0/=	φ 070	, d	
\$ 14,297 15,863	\$ 2,207 2,235	\$ 847 2,156	\$ 870 1,873	\$ - 16,319	
15,805	2,235	2,150	1,8/3	10,519	
-	-	-	-	-	
-	-	-	-	12,942	
(3,160)	(659)	(1,887)	(629)	(23,301)	
\$ 27,000	\$ 3,783	\$ 1,116	\$ 2,114	\$ 5,960	
\$ 214,845	\$ 30,277	\$ 30,460	\$ 25,892	\$ 363,974	
\$ 241,845	\$ 34,060	\$ 31,576	\$ 28,006	\$ 369,934	
\$ 10,283	\$ 2,049	\$ 1,561	\$ 1,009	\$ 23,064	
-	-	-	-	-	
4,897	748	166	236	-	
36,003	4,882	2,271	3,612	(3)	
(3,160)	(659)	(1,887)	(629)	(23,301)	
(100)	(60)	(34)	(43)	(46)	
47,923	6,960	2,077	4,185	(286)	
\$ 204,739	\$ 27,728	\$ 15,385	\$20,818	\$ 2,288	
\$ 252,662	\$ 34,688	\$ 17,462	\$25,003	\$ 2,002	
\$ (10,817)	\$ (628)	\$ 14,114	\$ 3,003	\$367,932	

#### **Required Supplementary Information**

## Schedule 2 - Schedule of Net Pension Liability

(dollar values expressed in thousands) (unaudited)

Plan	Actuarial Valuation Date	(1)Total Pension Liability	(2)Plan Fiduciary Net Position	No Liab	Employers' et Pension bility/(Asset) (1) - (2)	(4) Plan Fiducian Net Position as a % of the Total Pension Liability (2)/(1)	(5) Covered Employee Payroll	(6) Net Pension Liability/(Asset) as a % of Covered Payroll (3)/(5)
State Employees'	30-Jun-2014	\$ 8,757,980	\$ 8,389,765	\$	368,215	95.8%	\$ 1,840,521	1 20.0%
Special	30-Jun-2014	\$ 200	304		(104)	152.0%	N/A	A N/A
New State Police	30-Jun-2014	\$ 390,044	374,789		15,255	96.1%	55,067	7 27.7%
Judiciary	30-Jun-2014	\$ 71,968	73,325		(1,357)	101.9%	10,244	(13.3%)
County & Municipal Police and Firefighters'	30-Jun-2014	\$ 241,845	252,662		(10,817)	104.5%	66,268	3 (16.3%)
County & Municipal Other Employees'	30-Jun-2014	\$ 34,060	34,688		(628)	101.8%	30,937	7 (2.0%)
Diamond State Port Corporation	30-Jun-2014	\$ 28,006	25,003		3,003	89.3%	11,771	25.5%
Closed State Police+	30-Jun-2014	\$ 369,934	2,002		367,932	0.5%	N/A	A N/A

							++UAAL Per Active Member
Delaware	30-Jun-2014	\$ 31,576	\$ 17,462	\$ 14,114	55.3%	4,882	2,891
Volunteer							

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

 $Schedule\ is\ intended\ to\ show\ information\ for\ 10\ years.\ Additional\ years\ will\ be\ displayed\ as\ they\ become\ available.$ 

 $<sup>++\</sup> Not\ expressed\ in\ thousands$ 

## Schedule 3 - Schedule of Employer Contributions

(dollar values expressed in thousands) (unaudited)

Plan	Fiscal Year Ended	Actuarial Determined Contribution	Contributions in Relation to the Actuarial Determined Contribution	Contribution Deficiency (Excess)	Covered Employee Payroll	Contributions as a Percentage of Covered Payroll
State Employees'*	30-Jun-2014	\$ 174,863	\$ 174,863	\$ -	\$ 1,840,521	9.5%
	30-Jun-2013	160,651	160,651	-	1,877,105	8.6%
	30-Jun-2012	147,464	147,464	-	1,881,097	7.8%
	30-Jun-2011	128,019	128,019	-	1,783,603	7.2%
	30-Jun-2010	101,457	101,457	-	1,740,622	5.8%
	30-Jun-2009	96,576	96,576	-	1,753,129	5.5%
	30-Jun-2008	101,660	101,660	-	1,711,473	5.9%
	30-Jun-2007	97,000	97,000	-	1,654,609	5.9%
	30-Jun-2006	91,013	91,013	-	1,589,185	5.7%
	30-Jun-2005	70,638	70,638	-	1,471,931	4.8%
Special	30-Jun-2014	\$ -	-	\$ -	N/A	N/A
	30-Jun-2013	-	-	-	N/A	N/A
	30-Jun-2012	-	-	-	N/A	N/A
	30-Jun-2011	-	-	-	N/A	N/A
	30-Jun-2010	-	-	-	N/A	N/A
	30-Jun-2009	-	-	-	N/A	N/A
	30-Jun-2008	-	-	-	N/A	N/A
	30-Jun-2007	-	-	-	N/A	N/A
	30-Jun-2006	-	-	-	N/A	N/A
	30-Jun-2005	-	-	-	N/A	N/A
New State Police*	30-Jun-2014	\$ 10,500	\$ 10,500	\$ -	\$ 55,067	19.1%
	30-Jun-2013	9,292	9,292	-	56,289	16.5%
	30-Jun-2012	8,309	8,309	-	54,412	15.3%
	30-Jun-2011	7,810	7,810	-	50,556	15.4%
	30-Jun-2010	6,562	6,562	-	49,896	13.2%
	30-Jun-2009	6,791	6,791	-	50,425	13.5%
	30-Jun-2008	6,643	6,643	-	47,971	13.8%
	30-Jun-2007	6,334	6,334	-	46,924	13.5%
	30-Jun-2006	5,276	5,276	-	43,579	12.1%
	30-Jun-2005	3,785	3,785	-	39,645	9.5%
Judiciary*	30-Jun-2014	\$ 2,839	\$ 2,839	\$ -	\$ 10,244	27.7%
	30-Jun-2013	2,762	2,762		10,416	26.5%
	30-Jun-2012	2,674	2,674	-	10,387	25.7%
	30-Jun-2011	2,557	2,557	-	9,624	26.6%
	30-Jun-2010	2,473	2,473	-	9,798	25.2%
	30-Jun-2009	2,549	2,549	-	9,814	26.0%
	30-Jun-2008	2,644	2,644	-	9,689	27.3%
	30-Jun-2007	2,495	2,495	-	9,825	25.4%
	30-Jun-2006	2,002	2,002	-	9,397	21.3%
	30-Jun-2005	1,391	1,391	-	8,475	16.4%

(dollar values expressed in thousands) (unaudited)

Plan	Fiscal Year Ended	Actuarial Determined Contribution	Contributions in Relation to the Actuarial Determined Contribution	Contribution Deficiency (Excess)	Covered Employee Payroll	Contributions as a Percentage of Covered Payroll
County & Municipal	30-Jun-2014	\$ 10,283	\$ 10,283	\$ -	\$ 66,268	15.5%
Police and Firefighters'	30-Jun-2013	8,671	8,671	-	68,122	12.7%
	30-Jun-2012	9,265	9,265	-	67,091	13.8%
	30-Jun-2011	7,569	7,569	-	59,418	12.7%
	30-Jun-2010	7,307	7,307	-	56,917	12.8%
	30-Jun-2009	12,007	12,007	-	55,478	21.6%
	30-Jun-2008	6,246	6,246	-	49,328	12.7%
	30-Jun-2007	5,780	5,780	-	45,059	12.8%
	30-Jun-2006	5,488	5,488	-	38,342	14.3%
	30-Jun-2005	5,627	5,627	-	33,389	16.9%
County & Municipal	30-Jun-2014	\$ 2,049	\$ 2,049	\$ -	\$ 30,937	6.6%
Other Employees'	30-Jun-2013	1,604	1,604	-	26,332	6.1%
	30-Jun-2012	1,362	1,362	-	22,435	6.1%
	30-Jun-2011	1,186	1,186	-	20,580	5.8%
	30-Jun-2010	1,276	1,276	-	20,591	6.2%
	30-Jun-2009	2,293	2,293	-	19,046	12.0%
	30-Jun-2008	1,492	1,492	-	18,632	8.0%
	30-Jun-2007	820	820	-	16,183	5.1%
	30-Jun-2006	734	734	-	13,027	5.6%
	30-Jun-2005	2,271	2,271	-	9,737	23.3%
Delaware Volunteer	30-Jun-2014	\$ 2,006	\$ 1,561	\$ 445	N/A	N/A
Firemen's	30-Jun-2013	2,002	1,456	546	N/A	N/A
	30-Jun-2012	1,896	1,311	585	N/A	N/A
	30-Jun-2011	1,762	1,221	541	N/A	N/A
	30-Jun-2010	1,703	1,191	512	N/A	N/A
	30-Jun-2009	1,604	1,108	496	N/A	N/A
	30-Jun-2008	1,553	1,045	508	N/A	N/A
	30-Jun-2007	1,528	978	550	N/A	N/A
	30-Jun-2006	1,464	899	565	N/A	N/A
	30-Jun-2005	1,403	810	593	N/A	N/A
Diamond State Port	30-Jun-2014	\$ 1,009	\$ 1,009	\$ -	\$ 11,771	8.6%
Corporation	30-Jun-2013	854	854	-	11,381	7.5%
1	30-Jun-2012	814	814	-	12,229	6.7%
	30-Jun-2011	704	704	-	11,150	6.3%
	30-Jun-2010	594	594	-	11,224	5.3%
	30-Jun-2009	694	694	-	11,071	6.3%
	30-Jun-2008	715	715	-	10,270	7.0%
	30-Jun-2007	626	626	-	11,213	5.6%
	30-Jun-2006	703	703	-	11,130	6.3%
	30-Jun-2005	352	352	-	9,248	3.8%

Plan	Fiscal Year Ended	Actuarial Determined Contribution	Contributions in Relation to the Actuarial Determined Contribution	Contribution Deficiency (Excess)	Covered Employee Payroll	Contributions as a Percentage of Covered Payroll
Closed State Police	30-Jun-2014	\$ 25,696	\$ 23,064	\$ 2,632	\$ N/A	N/A
	30-Jun-2013	25,696	23,064	2,632	-	N/A
	30-Jun-2012	24,678	23,064	1,614	124	18600.0%
	30-Jun-2011	26,638	23,367	3,271	114	20497.4%
	30-Jun-2010	27,214	23,367	3,847	339	6892.9%
	30-Jun-2009	26,423	21,775	4,648	619	3517.8%
	30-Jun-2008	25,337	21,267	4,070	1,152	1846.1%
	30-Jun-2007	24,912	19,159	5,753	1,695	1130.3%
	30-Jun-2006	24,623	20,655	3,968	1,912	1080.3%
	30-Jun-2005	24,358	17,020	7,338	2,579	659.9%

<sup>\*</sup> Annual Required Contributions do not include Post-Retirement Increase funding (see Note 2 to the Basic Financial Statements).

#### **Required Supplementary Information (continued)**

# Schedule 4 - Schedule of Investment Returns FY2014\*

(dollar values expressed in thousands) (unaudited)

Plan	Money-Weighted Rate of Return, net of investment expense
State Employees'	17.2%
Special	17.2%
New State Police	17.2%
Judiciary	17.2%
County & Municipal Police and Firefighters'	17.3%
County & Municipal Other Employees'	17.3%
Delaware Volunteer Firefighters	15.1%
Diamond State Port Corporation	17.3%
County & Municipal COLA	17.6%
Post-Retirement Increase Fund	19.4%
DELRIP-Sussex Co.	17.3%
DELRIP-Elsmere	17.2%
DELRIP-Newport	17.3%
Closed State Police	-0.1%

<sup>\*</sup>Schedule is intended to show information for 10 years. Additional years will be displayed as they become available.

**Annual** 

### Notes to Required Supplementary Information

**State** 

Factors that significantly affect trends in amounts reported. For the periods presented, there were no changes of benefit terms, changes in the size or composition of the population covered by the benefit terms, or changes of assumptions which significantly affect trends in the amounts reported.

Method and assumptions used in calculations of actuarially determined contributions. The actuarially determined contribution rates in the Schedule of Employers' Contributions are calculated as of June 30, two years prior to the end of the fiscal year in which contributions are reported. The following actuarial methods and assumptions were used to determine contribution rates reported in that schedule:

**New State** 

**Closed State** 

	0 11110		11011 00000		010000
Plan	Employees'	Special	Police	Judiciary	Police
Valuation Date	30-Jun-2012	30-Jun-2012	30-Jun-2012	30-Jun-2012	30-Jun-2012
Actuarial Cost Method	Entry Age Normal	Entry Age Normal	Entry Age Normal	Entry Age Normal	Entry Age Normal
Amortization Method	Level Percent Closed for Plan Bases and Open for Aggregate Gain/Loss	Level Dollar Open	Level Percent Closed	Level Percent Closed	Level Dollar Closed
Remaining Amortization Perio	d 20.0 <sup>(1)</sup> years	10 years	20.0 <sup>(1)</sup> years	9.64 <sup>(1)</sup> years	25 years
Asset Valuation Method	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market
Actuarial Assumptions:					
Investment rate of return	7.5%	7.5%	7.5%	7.5%	7.5%
Projected Salary Increases <sup>1</sup>	3.8% to 11.8%	N/A	4.3% to 11.8%	3.8% to 12.5%	4.2% to 4.8%
Cost-of-living adjustments	Ad hoc	Ad hoc	Ad hoc	Ad hoc	Based on CPI
Plan	County & Municipal Police and Firefighters'	County & Municipal Other Employees'	Delaware Volunteer Firemen's	Diamond State Port Corporation	
Valuation Date	30-Jun-2012	30-Jun-2012	30-Jun-2012	30-Jun-2012	
Actuarial Cost Method	Entry Age Normal	Entry Age Normal	Entry Age Normal	Entry Age Normal	
Amortization Method	Level Percent Open	Level Percent Open	Level Dollar Open	Level Percent Open	
Remaining Amortization Perio	d 10 years	10 years	15 years	15 years	
	10 years	10 years	1) years		
Asset Valuation Method	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	
	5-year Smoothed	5-year Smoothed	5-year Smoothed	5-year Smoothed	
Asset Valuation Method	5-year Smoothed	5-year Smoothed	5-year Smoothed	5-year Smoothed	
Asset Valuation Method  Actuarial Assumptions:	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	5-year Smoothed Market	

<sup>(1)</sup> Excludes liability and amortization payments due to cost-of-living adjustments. This liability is funded from the Post-Retirement Increase Fund. Each Post-Retirement Increase is funded over 5 years.



## SUPPORTING SCHEDULES

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware

## Schedule 5 – Schedule of Administrative Expenses

(dollar values expressed in thousands)

(aouar vaiues ex	pressea in inousanas)						Change			
		Fis	cal 2014	Fis	cal 2013	3 D	ollars	Percent		
<b>Personnel Services</b>	s: Salaries	\$	2,230	\$	2,301	\$	(71)	(3.1%)		
	Fringe Benefits		1,173		1,169		4	0.3%		
	Total Personnel Services:	\$	3,403	\$	3,470	\$	(67)	(1.9%)		
Professional	Actuarial		146		135		11	8.1%		
Services:	Audit		229		215		14	6.5%		
	Medical Services		14		26		(12)	(46.2%)		
	State Agency Support Services		24		34		(10)	(29.4%)		
	Other Professional Services		8		9		(1)	(11.1%)		
	<b>Total Professional Services:</b>	\$	421	\$	419	\$	2	0.5%		
Communication:	Printing		70		98		(28)	(28.6%)		
	Telephone		19		21		(2)	9.5%		
	Postage		197		166		31	18.7%		
	Travel		11		14		(3)	(21.4%)		
	Other Communications		16		24		(8)	(33.3%)		
	Total Communications:	\$	313	\$	323	\$	(10)	(3.1%)		
Data Processing:	Contracting Services		447		360		87	24.2%		
	Maintenance		273		262		11	4.2%		
	Equipment - Hardware		26		382		(356)	(93.2%)		
	Equipment - Software		-		19		(19)	(100.0%)		
	Total Data Processing:	\$	746	\$	1,023	\$	(277)	(27.1%)		
Rental:	Equipment Leasing		6		5		1	20.0%		
	Fleet Services		1		3		(2)	(66.6%)		
	Office Space		525		524		1	0.2%		
	Total Rentals:	\$	532	\$	532	\$	-	0.0%		
Miscellaneous:	Supplies and Equipment		20		16		4	25.0%		
	Maintenance		51		32		19	59.4%		
	Other Miscellaneous		2		2		-	0.0%		
	Total Miscellaneous:	\$	73	\$	50	\$	23	46.0%		
	General Administrative Expenses:	\$	5,488	\$	5,817	\$	(329)	(5.7%)		
<b>Special Projects:</b>	Best Practices Review		134		114	\$	20	17.5%		
	<b>Total Special Projects:</b>	\$	134	\$	114	\$	20	17.5%		
	<b>Grand Total Administrative Expenses:</b>	\$	5,622	\$	5,931	\$	(309)	(5.2%)		

 $See\ accompanying\ independent\ auditors\ report.$ 

## Schedule 6 – Schedule of Investment Expenses

(dollar values expressed in thousands)

			Change		
	Fiscal 2014	Fiscal 2013	Dollars	Percent	
Custody Fees	\$ 63	\$ 175	\$ (112)	(64.0%)	
Investment Manager/Advisor Fees	23,620	20,833	2,787	13.4%	
Legal	98	111	(13)	(11.7%)	
Pension Office Support Staff	547	670	(123)	(18.4%)	
Other Investment Expenses	23	27	(4)	(14.8%)	
<b>Total Investment Expenses:</b>	\$ 24,351	\$ 21,816	\$ 2,535	11.6%	

See accompanying independent auditors' report.

# Schedule of Fiduciary Net Position of the Delaware Local Government Retirement Investment Pool as of June 30, 2014 with Comparative Totals for June 30, 2013 (expressed in thousands)

	Suss	ex County	T	own of	7	Town of	1 '	Totals as of June 30					
	Gov	ernment	E	lsmere	N	lewport		2014		2013			
Assets:													
Cash & Cash Equivalents	\$	2,803	\$	172	\$	158	\$	3,133	\$	2,284			
Receivables:													
Accrued Investment Income		65		5		4		74		74			
Pending Trade Sales		138		9		7		154		91			
Total Receivables:	\$	203	\$	14	\$	11	\$	228	\$	165			
Investments at Fair Value:													
Domestic Fixed Income		1,594		99		90		1,783		1,415			
Domestic Equities		9,908		612		559	1	1,079		9,928			
Pooled Equity & Fixed Income		15,462		956		872	1	7,290	1	5,101			
Alternative Investments		8,487		524		479		9,490		8,065			
Foreign Fixed Income		914		56		52		1,022		770			
Foreign Equities		5,372		332		302		6,006		5,059			
Total Investments:	\$	41,737	\$	2,579	\$	2,354	\$ 4	6,670	\$ 4	0,338			
Total Assets:	\$	44,743	\$	2,765	\$	2,523	\$ 5	0,031	\$ 4	2,787			
Liabilities:													
Pending Purchases Payable		207		12		12		231		148			
Accrued Investment Expenses		25		2		1		28		26			
Total Liabilities:	\$	232	\$	14	\$	13	\$	259	\$	174			
Net Position - Restricted for Pension Benefits	\$	44,511	\$	2,751	\$	2,510	\$ 4	9,772	\$ 4	2,613			

See accompanying independent auditors' report.

Schedule of Changes in Fiduciary Net Position of the Delaware Local Government Retirement Investment Pool as of June 30, 2014 with Comparative Totals for June 30, 2013 (expressed in thousands)

8	Sussex County	Town of	Town of	Totals as of June 30				
	Government	Elsmere	Newport	2014	2013			
Additions:								
Contributions:								
Transfer of Assets from Outside the System	\$ -	\$ -	\$ -	\$ -	\$ -			
Total Contributions:	\$ -	\$ -	\$ -	\$ -	\$ -			
Investments:								
Investment Income	605	39	34	678	731			
Net Appreciation (Depreciation) in Fair Valu	e 6,041	392	341	6,774	3,550			
Total Investment Earnings/(Loss):	\$ 6,646	\$ 431	\$ 375	\$ 7,452	\$ 4,281			
Less Investment Manager/Advisor Fees	(114)	(7)	(7)	(128)	(111)			
Less Investment Administrative Expenses	-	-	-	-	-			
Net Investment Earnings/(Loss):	\$ 6,532	\$ 424	\$ 368	\$ 7,324	\$ 4,170			
Securities Lending Income	2	-	-	2	-			
Less Bank Fees	-	-	-	-				
Total Securities Lending Expense	\$ -	\$ -	\$ -	\$ -	\$ -			
Total Net Securities Lending Incom	e \$ 2	\$ -	\$ -	\$ 2	\$ -			
Total Additions:	\$ 6,534	\$ 424	\$ 368	\$ 7,326	\$ 4,170			
Deductions:								
Transfer of Assets Outside the System	-	166	-	166	167			
Administrative Expenses	1	-	-	1	1			
Total Deductions	\$ 1	\$ 166	\$ -	\$ 167	\$ 168			
Net Increase (Decrease)	\$ 6,533	\$ 258	\$ 368	\$ 7,159	\$ 4,002			
Balance Beginning Of Year	\$37,978	\$ 2,493	\$2,142	\$42,613	\$ 38,611			
Balance End Of Year	\$44,511	\$ 2,751	\$2,510	\$49,772	\$ 42,613			

See accompanying independent auditors report.



#### KPMG LLP 1601 Market Street Philadelphia, PA 19103-2499

#### Independent Auditors' Report on Internal Control Over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance With Government Auditing Standards

Members of the Board of Pension Trustees Delaware Public Employees' Retirement System:

We have audited, in accordance with the 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, the financial statements of the Delaware Public Employees' Retirement System (the System) as of June 30, 2014 and have issued our report thereon dated December 19, 2014

#### **Internal Control Over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the System's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinion on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of System's internal control. Accordingly, we do not express an opinion on the effectiveness of System's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A material weakness is a deficiency, or combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A significant deficiency is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. Given these limitations, during our audit we did not identify any deficiencies in internal control that we

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consider to be material weaknesses. However, material weaknesses may exist that have not been identified. We did identify certain deficiencies in internal control, described as 2014-001 in the accompanying schedule of findings and responses that we consider to be a significant deficiency.

#### **Compliance and Other Matters**

As part of obtaining reasonable assurance about whether System's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

#### The System's Response to Findings

The System's response to the finding identified in our audit is described in the accompanying schedule of findings and responses. The System's response was not subjected to the auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on the response.

#### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the System's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the System's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.



Philadelphia, Pennsylvania December 19, 2014

# 2014-001. SEGREGATION OF DUTIES/TIMELINESS OF FINANCIAL REPORTING, RECORDKEEPING AND RECONCILIATIONS (SIGNIFICANT DEFICIENCY)

#### **Condition**

From December 2013 through June 2014, as a result of significant turn-over, a lack of segregation of duties existed in DPERS finance function. The Cash/Debt manager was in a position to review, record and reconcile several elements within the financial reporting process including investments and journal entries.

#### Criteria

The Internal Control-Integrated Framework (COSO Report), provides a framework for organizations to design, implement, and evaluate control that will facilitate achieving the fundamental and essential objectives of any entity including the reliability of financial and management reports.

The following characteristics of the COSO Framework represent the relevant criterion in the Control Activities element:

Control activities are the policies and procedures that help ensure management directives are carried out. They help ensure that necessary actions are taken to address risks to achievement of the entity's objectives.

- Operating policies and procedures clearly written and communicated.
- Adequate segregation of duties provided between performance, review, and recordkeeping of a task.

#### Cause

Staff turnover at two Investment Financial Manager positions and one Management Analyst position created voids in the control environment for several months. This represented a 75% staff turnover in the finance department.

#### **Effect**

The lack of personnel led to extensive delays in the performance of certain accounting and reconciliation procedures and the effectiveness of review controls was undermined by the lack of an independent reviewer. The departure of key financial reporting personnel also created a loss of knowledge on how procedures were completed.

#### Recommendation

We recommend that management implement a practice of cross-training for individuals responsible for separate segments of the financial reporting process, and that year end procedures be documented at a more granular level to provide continuity when there is turn-over in the Finance department.

#### Views of Responsible Officials

Pension Office Management did not implement an effective process for the orderly transition of job duties within the Investment and Accounting Section, which became especially problematic when three vacancies occurred in the section, and the manager was not prepared to handle their duties. Critical duties, including the reconciling of monthly balances with the Custodian bank and First State Financials, continued during the transition period, with all internal controls in place. However, there was a delay in the monthly and year end processes for inputting data into the General Ledger system due to the time required for the remaining personnel and the newly hired staff to be trained in the General Ledger process. In September, the Deputy Pension Administrator was assigned the task to assist with the financials, but the late start caused a delay.

Because of the several unique functions of the Investment and Accounting Section, it is not possible to develop expertise for their work in other sections of the office. In the future, besides having detailed procedures in place for the various processes and cross-training all staff upon hire, each position will be reviewed to identify critical duties for each position and the frequency of that duty (such as daily, weekly, monthly, quarterly, etc.). This critical duty list will be formally reviewed twice each year. The first review, on or before June 1st, will be updated for any additions to the job responsibilities, and the second, on or before January 1st, will be completed as part of each employee's performance review. A copy of this list will be maintained with the Office personnel files. If a position were to become vacant the critical duties could be immediately reviewed and assigned to an appropriate staff member. The Manager and/or a second member of the Section shall also be trained to have some familiarity with the critical duty list of the other members of the Section.

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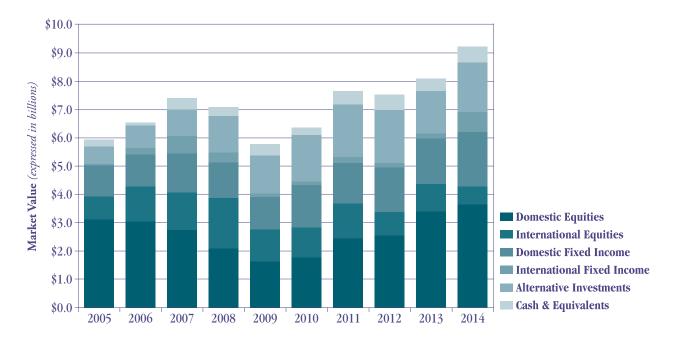


## **INVESTMENT SECTION**

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware

## Ten-Year Investment Comparison



Investment Portfolio Fiscal Years Ended June 30, (expressed in millions)

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Domestic Equities	\$ 3,119.6	\$ 3,053.9	\$ 2,758.4	\$ 2,095.1	\$ 1,632.9	\$ 1,779.2	\$ 2,432.8	\$ 2,538.8	\$ 3,400.8	\$ 3,649.1
International Equities	817.0	1,242.4	1,312.3	1,778.8	1,134.9	1,056.8	1,244.5	842.6	981.0	642.1
Domestic Fixed Income	1,084.2	1,137.7	1,386.4	1,266.6	1,148.4	1,509.1	1,448.4	1,565.3	1,612.0	1,925.8
International Fixed Income	54.4	227.4	627.2	353.1	121.5	138.0	193.5	163.5	148.3	687.8
Alternative Investments	615.1	775.2	919.9	1,281.3	1,348.6	1,630.2	1,866.1	1,902.5	1,528.1	1,754.8
Cash & Short Term	237.7	90.4	402.0	314.3	398.7	248.8	452.8	517.3	426.9	572.9
	\$ 5,928.0	\$ 6,527.0	\$ 7,406.2	\$ 7,089.2	\$ 5,785.0	\$ 6,362.1	\$ 7,638.1	\$ 7,530.0	\$ 8,097.1	\$ 9,232.5

Note: For this section, Pooled Investments are included in their respective equity and fixed income asset classes and, therefore, are different from the categories used in the Financial Section on pages 24-25. In addition, the market value of investments represented in this section includes cash and cash equivalents, accrued interest, investment sales pending, and investment purchases pending, as indicated in the Financial Section on pages 24-25.

### Reconciliation to Plan Net Assets

(expressed in millions)	<b>2014</b>
<b>Total Investment Portfolio Value</b>	\$ 9,232.5
Receivables	
Employer Contributions	10.9
Member Contributions	3.2
Liabilities	
Benefits Payable	(1.3)
Accrued Investment Expenses	(5.2)
Accrued Administrative Expenses	(0.3)
Net Assets Held in Trust	\$ 9,239.8



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

#### OFFICE OF PENSIONS

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

When Calling Long Distance Toll Free Number 1-800-722-7300 E-Mail: pensionoffice@state.de.us Telephone (302) 739-4208 Fax (302) 739-6129 www.delawarepensions.com

August 20, 2014

Dear Board Members, Participants, and Beneficiaries:

The Board of Pension Trustees' Investment Committee oversees the investment of the retirement funds of the Delaware Public Employees' Retirement System (System). The Investment Committee's investment oversight includes the nine plans/funds [State Employees', Special, New State Police, Judiciary, County & Municipal Police and Firefighters', County & Municipal Other Employees', Delaware Volunteer Firemen's, Diamond State Port Corporation, and Closed State Police]. In addition, the Investment Committee also oversees the three commingled pension investment funds [County & Municipal Police/Firefighters' COLA, Post-Retirement Increase (PRI), Delaware Local Government Retirement Investment Pool (DELRIP)]. The Investment Committee consists of seven members appointed by the Board:

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

While not governed by mandated target asset allocations, investment decisions are shaped by the Board's internal investment guidelines which provide for a minimum of 20% of the total assets of the System to be invested in fixed income investments, such as bonds and cash equivalents. The Investment Committee continuously reviews expected rates of return and risk levels for all marketable asset classes and seeks to construct portfolios consistent with the System's return objectives and risk management guidelines. The Investment Committee strives for appropriate investment diversification by allocating funds across a variety of asset classes and by selecting managers whose demonstrated performance reflects different management styles and asset class expertise. The performance of all investment managers is closely monitored, not only in relation to specific absolute objectives, but also in relation to other fund managers following the same or similar investment objectives. All Investment guidelines are monitored with the assistance of the Investment Advisor.

Board Members, Participants and Beneficiaries Page 2 August 20, 2014

The dedicated members of the Investment Committee met 17 times over the course of the fiscal year. The System's investments continued to be allocated with a focus on liquidity and risk management. The net impact of manager allocation moves over the year shifted equity exposures toward international markets in reaction to relative valuation opportunities. The overall duration of the fixed income portfolio, a measure of its sensitivity to changes in interest rates, was maintained at a level shorter than the broad fixed income markets due to unattractively low and potentially rising interest rates. To help maintain exposure to private investments, as they continue to be net distributors of cash back to the system, there were six new commitments to private investment funds during the year. Two new manager accounts were opened, one existing account was increased and eight accounts were reduced during the fiscal year.

The Fund's return for the 2014 fiscal year was 17.5%. The total System's annualized returns for the last 5, 10, 15 and 20 years are 13.6%, 8.5%, 7.2% and 9.6%, respectively. The System's long term performance ranks in the TUCS large public plan universe are top quartile for the 5 year period and top decile for the ten year period ending June 30, 2014. The System's longer term results have been achieved with lower observed return volatility than the median for the universe, reflecting the System's longstanding focus on risk management. For the period ending June 30, 2014, the System's assets had a net increase of \$1,137.4 million, with investment gains comprising \$1,376.5 million. We thank our dedicated professional staff at the Office of Pensions, our Investment Advisor, our custodian bank, and our money managers, who all work diligently to ensure the successful operation of the Board of Pension Trustees' Investment Committee.

Respectfully submitted,

George J. Saxon, Chair Board of Pension Trustees'

Investment Committee

#### **Investment Activity and Economic Climate**

Despite an increase in geo-political risks and strongly positive investment results, fiscal 2014 will go down as one of the less eventful years in investment market history and in the activity of the System. However, as one of the System's investment managers noted last autumn, there are times in the investment market cycle when the best course of action is to focus on maintaining risk exposures at acceptable levels and only be active as opportunities are presented.

Since the financial crisis of 2007-09, the global economy has been in a gradual process of below average economic growth, marked by de-levering of the global financial system, below average employment growth and artificially low interest rates to help boost the recovery. During the latest fiscal year, economic growth was uneven with a weak first quarter of 2014, while employment finally began to see more regular gains. While the housing sector remains in the doldrums relative to prior cycles, manufacturing activity advanced and corporate profits expanded. For the second year in a row, domestic stock prices outpaced the rest of the world on the back of strong profit growth, reaching new all-time highs at or near fiscal year end, depending on the index measure used. The broad Russell 3000 index of domestic stocks rose 25.2% for the fiscal year.

In Europe, markets also continued to improve as the recession that began in 2011 showed signs of ending. However, although European corporate profit growth lagged, stock returns were competitive with U.S. markets as economic growth improved, albeit slowly. In Japan, despite the Bank of Japan reaffirming its simulative monetary policy in the face of a higher national sales tax, exporter performance was mixed, combining to produce positive, but low stock returns. Meanwhile, for the second year in a row, the stock markets of developing countries were the weakest broad equity category, impacted by signs of weaker growth in China and geo-political forces, as situations in Syria, Libya, Iraq, Israel and Ukraine all made headlines. For the fiscal year, the MSCI All-Country World ex-USA Index of non-US stock markets rose 21.8% in 2014 and the MSCI Emerging Markets index gained 14.3%.

Against a stronger economic backdrop, many market observers anticipated that bond yields would move higher, leading to lower returns from bonds (yields move inversely to the direction of interest rates). However, government bond yields were relatively flat for the fiscal year. Increases associated with the Treasury's bond purchase program and stronger growth in late 2013 drifted lower in the first half of 2014 due to weaker economic growth and the market impact of lower government bond yields in Europe and Japan, where growth was even weaker. Meanwhile, with continued improvement in corporate profitability and balance sheets, credit bonds performed better than government bonds for the fourth time in the last five fiscal years. The broad Barclays Universal bond index had a 5.2% return, while the JPMorgan Global High Yield index rose 12.3%, and the Barclays TIPS index gained 4.4%.

Given the conditions described above, the System's investments were well positioned to benefit from market conditions, with an over-weighted exposure to public and private equities, while the System was substantially underweighted in fixed income. Equity allocation and manager changes during the year had the net impact of profit-taking in domestic equity to try and benefit from relative value opportunities elsewhere in the world. In addition, a new fixed income manager was added to expand the System's capabilities in managing credit bond exposures.

At the start of the new fiscal year, markets face many risks. Equity returns and profit growth since the financial crisis have been above average, so are vulnerable to setbacks. At the same time, signals remain mixed concerning the ability of the economy, housing and wages to grow at higher rates. On the other hand, the threat of inflation is also real in coming years given significant monetary stimulation by global central banks over the last six years. Another concern is that credit markets have lowered the bar for new issuance and banks have begun to lend more aggressively, potentially sowing the seeds of the next credit cycle downturn, while liquidity in corporate fixed income markets remains challenged. Finally, as this is written, the situations in Israel and Ukraine remain tense.

Despite this list of worries, corporate balance sheets are healthy, margins are strong, and corporate earnings expectations continue to be favorable and substantial opportunities exist for innovative companies. In the government sector, large deficits have been declining, and the Federal Reserve is on course to end its bond-buying program by October 2014.

In the face of these uncertainties, we will continue to rely on the investment principles and risk management guidelines that have served us well in the past and do our best to execute a sound investment strategy for the benefit of the System's stakeholders. Return data for the total System was calculated gross of (cash-paid) fees, on a time-weighted basis in accordance with accepted practices. Valuations, where available, are based on published pricing from national securities exchanges.

#### **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 more than 30 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:

- Achieve a real return objective (DPERS return less CPI) of 3% over long periods (approximately 15 years)
- Manage portfolio risk by controlling downside price fluctuations of the Fund in any 12-month period
- Maximize total investment returns, consistent with Board objectives.

To achieve these objectives, these investment guidelines are employed:

- Allocate a minimum of 20% of assets to fixed income investments such as bonds, cash equivalents, and certain real estate investments
- Maintain a widely diversified portfolio, to minimize the risk of overexposure in any one market segment or investment style
- Monitor the performance of all investment managers using specific benchmarks
- Control exposure in illiquid asset classes
- Review, re-examine, and reconfirm the operation of the investment process regularly
- Identify new long-term opportunities for risk reduction and improved investment returns
- Review actuarial assumptions to ensure consistency with capital market expectations.

#### **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 review of data, trends, and markets. 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 Investment 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 organization, performance, transaction costs, fees and expenses, proxy voting procedures, and adherence to investment philosophy
- System performance versus externally measured universes of similar funds
- Contacts with other leading state investment funds to compare management practices
- Policy objectives and performance of alternative investments (including limited partnerships, and private LLCs).

#### **Investment Results**

In Fiscal Year 2014, the investment process experienced:

- Fair value annual rate of return of 17.5% on beginning of year investable balance and before investment expenses
- Benefit and expense payments exceeded net employer and member contributions by \$241.2 million
- Net investment gains of \$1,376.5 million (investment gains less investment expenses)
- Increase in fair market value of investment portfolio from \$8.1 billion to \$9.2 billion
- Overall volatility well below that of an all common stock portfolio.

### Fifteen Year Total Investment Rates of Return

	<b>Total Investment Portfo</b>	lio		
	Fair Value	Fair Value	<b>Annual Consumer</b>	
	(in millions)	Annual Rate of Return	Price Index	Real Rate of Return
2005	\$5,928.0	10.0%	2.5%	7.5%
2006	\$6,527.0	12.4%	4.3%	8.1%
2007	\$7,406.2	15.9%	2.7%	13.2%
2008	\$7,089.2	(1.3%)	4.5%	(5.8%)
2009	\$5,785.0	(15.5%)	(1.4%)	(14.1%)
2010	\$6,362.1	14.4%	1.1%	13.3%
2011	\$7,638.1	24.3%	3.6%	20.7%
2012	\$7,530.0	2.0%	1.7%	0.3%
2013	\$8,097.1	11.1%	1.8%	9.3%
2014	\$9,232.5	17.5%	2.1%	15.4%
Five Year		13.6%	2.0%	11.6%
Ten Year		8.5%	2.3%	6.2%
Fifteen Year		7.2%	2.4%	4.8%

### Periods Ending June 30, 2014

(All Returns Greater Than One Year Are Annualized)

	Five Years	Ten Years	Fifteen Years
Total Fund Return	13.6%	8.5%	7.2%
S&P 500 Index Return	18.8%	7.8%	4.3%
Excess Return vs. S&P 500 Index	-5.2%	0.7%	2.9%
Relative Risk vs. S&P 500 Index	55.5%	58.7%	58.1%

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

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 4.8% (7.2% System return less 2.4% CPI) measured on a time-weighted basis. During this period, risk, as measured by relative volatility, was approximately 58.1% 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 1.9% (4.3% S&P 500 less 2.4% CPI). While 15 year investment market returns have been characterized by increased volatility, the portfolio has been successful at meeting the real return objective of 3.0% (DPERS return less 3%) over the 15 year period.

# Comparative Investment Results

(a time-weighted rate of return based on the market rate of return)

	1 Year	3 Year	5 Year	10 Year
<b>Domestic Equities</b> (1)	21.9%	13.6%	17.3%	9.2%
S&P 500	24.6%	16.6%	18.8%	7.8%
Russell 3000 Index	25.2%	16.5%	19.3%	8.2%
Merrill Lynch All Convertibles	24.4%	12.6%	16.5%	7.7%
Global Equities (2)	30.1%	12.4%	16.9%	8.5%
MSCI All Country World Index	23.0%	10.3%	14.3%	7.5%
International Equities (3)	17.7%	6.7%	11.2%	8.8%
MSCI All Country World Index ex-US	21.8%	5.7%	11.1%	7.8%
Jefferies Global Converts ex US	15.1%	4.0%	8.5%	6.5%
Fixed Income & Cash (4)	5.7%	4.5%	7.0%	5.2%
Fixed Income Section Benchmark (5)	4.9%	4.0%	5.3%	5.1%
Alternative Strategies (6)	18.9%	11.8%	16.0%	10.6%
Policy Benchmark (7)	15.8%	9.2%	12.0%	6.8%
Total System	17.5%	10.0%	13.6%	8.5%
Policy Benchmark (7)	15.8%	9.2%	12.0%	6.8%
Delaware Volunteer Firemen's Fund (8)	15.1%	8.9%	11.2%	NA
38% Russell 3000, 20% MSCI All Country				
World Index ex-US, 40% Barclays				
Aggregate, 2% 90-day T-bills	15.4%	9.0%	11.7%	NA
Consumer Price Index	2.1%	1.8%	2.0%	2.3%

<sup>(1)</sup> Includes domestic convertible securities and real estate investment; includes pooled domestic allocation portfolios.

<sup>(2)</sup> Includes pooled global allocation portfolios.

<sup>(3)</sup> Includes international convertible securities.

<sup>(4)</sup> Includes managed futures.

<sup>(5) 91.67%</sup> Barclays Universal, 3.57% Barclays TIPS, 4.76% 90-Day T-Bills

<sup>(6)</sup> Includes Private Equity and other non-marketable investments. All returns are on a lagged basis.

<sup>(7)</sup> From July 1, 2006: 38% Ru3000, 20% MSCI ACWI ex-US, 38.5% Barclays Universal, 1.5% Barclays TIPS, 2% 90-day T-bills from 7/1/2006 to 8/1/1997: 45% Russell 3000, 10% MSCI EAFE, 43% Barclays Aggregate and 2% T-bills

<sup>(8)</sup> Delaware Volunteer Firemen's Fund investments are invested separately from the other plans of DPERS.

# Total Return Performance Comparison - 5 Years



Total Return Performance Comparison - 10 Years



# List of Largest Assets Directly Held as of June 30, 2014

(excludes investments in pooled vehicles)

Ten Largest Equity Holdings (Includes Convertibles)	Market Value	% of Total Fund	Shares
Wal-Mart Stores Incorporated	\$ 45,475,529	0.49%	605,775 shares
Microsoft Corporation	40,923,504	0.44%	981,379 shares
Johnson & Johnson Company	36,870,390	0.40%	352,422 shares
McDonalds Corporation	36,605,793	0.40%	363,369 shares
United Health Care Group Incorporated	35,901,085	0.39%	439,157 shares
Amazon.com Incorporated	34,704,042	0.38%	106,854 shares
CVS Health Incorporated	32,789,040	0.35%	435,041 shares
Coca Cola Company	29,441,922	0.32%	690,072 shares
Baidu Incorporated ADR	28,563,249	0.31%	152,900 shares
Tencent Health Holdings Limited	\$ 28,320,966	0.31%	1,857,000 shares
	\$ 349,595,520	3.79%	

Ten Largest Bond Holdings		Market Value	% of Total Fund	Par (\$)
Inter-American Development Bank 6.000% 12/15/17		\$ 16,271,587	0.18%	\$ 17,750,000
Government of Canada 2.750% 09/01/16		\$ 11,970,957	0.13%	\$ 12,210,000
New South Wales Treasury 6.000% 02/01/18		\$ 10,634,698	0.12%	\$ 9,990,000
Merrill Lynch & Company 6.110% 01/29/37		\$ 8,609,874	0.09%	\$ 7,300,000
Kingdom of Norway 4.250% 05/19/17		\$ 7,771,067	0.08%	\$ 44,015,000
International Paper Company 8.700% 06/15/38		\$ 6,023,331	0.07%	\$ 3,990,000
Weyerhaeuser Company 7.375% 03/15/32		\$ 6,013,233	0.07%	\$ 4,380,000
Ford Motor Company 6.625% 10/01/28		\$ 5,944,958	0.06%	\$ 4,740,000
Lucent Technologies 6.450% 03/15/29		\$ 5,771,432	0.06%	\$ 5,720,000
Government of Canada 2.250% 08/01/14		\$ 5,378,404	0.06%	\$ 5,670,000
	Total	\$ 84,389,541	0.92%	

### **Asset Allocation**

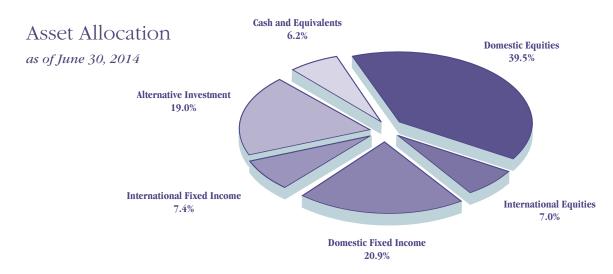
Funds are deployed in diverse asset classes offering the desired risk and return characteristics in an effort to achieve stated investment objectives. The accompanying table shows the most recent five-year history and trends in asset allocation. For these asset classifications, the Pooled Equity and 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.

	2014	2013	2012	2011	2010
Domestic Equities	39.5%	42.0%	33.7%	31.8%	28.0%
International Equities	7.0%	12.1%	11.2%	16.3%	16.6%
Domestic Fixed Income	20.9%	19.9%	20.8%	19.0%	23.7%
International Fixed Income	7.4%	1.8%	2.2%	2.5%	2.2%
Alternative Investment	19.0%	18.9%	25.2%	24.5%	25.6%
Cash and Equivalents	6.2%	5.3%	6.9%	5.9%	3.9%

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 maintain those organizational criteria in order to continue as managers. During the fiscal year, a new global equity manager and new fixed income manager were hired. An alternative hedge fund manager was given additional funds and the cash/short-term holdings were increased. Two fixed income managers, two domestic equity managers, one fixed income manager, and one convertible equity manager had their assets under management reduced.

In the area of pooled assets, a master limited partnership index fund and a fixed income market fund had their assets decreased. In the area of alternative investments, the System entered into six new partnership commitments.



At the end of the fiscal year, the money managers of the System and their responsibilities were:

Investment Manager	Mandate	Fiscal Year Retained
Domestic Equities		
Bares Capital	Small Cap Equities	2013
Focused Investors	Large Cap Equities	2011
Mellon Capital Management	Indexed Equities	1984
Oaktree Capital Management	Convertible Securities	1995
Rutabaga Capital Management	Small Cap Value Equities	2007
T. Rowe Price Associates	Natural Resources Equities	1971
Vanguard Total Market Stock Index Fund	Equities	2009
Wellington Management Company	Large Cap Equities	2011
International Equities		
Axiom International Investors LLC	Global Equities	2007
Baillie Gifford	Global Equities	2008
Dodge and Cox Funds	International Equities	2007
Kiltearn Global Equity	Global Equities	2013
Oaktree Capital Management	International Convertible Securities	1995
T.Rowe Price Associates	Global Equities	2010
Vanguard International Total Stock Index Fund	International Equities	2009
Sanderson Asset Management, Inc.	International Equities	2010
Domestic Fixed Income		
Loomis Sayles & Company LP	Long Term Corporate Bonds	1999
Mellon Capital Management	Inflation Protection/Broad Market Bonds	1984
T. Rowe Price Associates	Floating Rate Bank Loans	1996
Thornburg Investment Management	Broad Market Bonds	2013
Vanguard Total Bond Market Index Fund	Broad Market Bonds	2009
_		
Alternative Investments	Vontuna Canital	100%
Accel Partners	Venture Capital	1984 2002
Accel-KKR Company	Venture Capital	
Allegis Capital	Venture Capital	2005
Advanced Technology Ventures	Venture Capital	1990
Angelo, Gordon & Co	Hedge Fund/Distressed Debt Distressed Debt	2007 2011
Atalaya Capital Management LP		
The Carlyle Group	Private Equity	1996
Centerbridge Credit Partners L.P.	Distressed Debt	2009
Cherry Tree Ventures	Venture Capital	1984
Flagship/One Liberty Ventures	Venture Capital	1982
IDG-Accel	Venture Capital	2006
Lightstone Ventures	Venture Capital	2013
Liquid Realty Partners	Real Estate	2008
MeriTech Capital Partners	Venture Capital	1997
Oaktree Capital Management	Distressed Debt	1998
ONSET Enterprise Associates	Venture Capital	1990
Pecks Management Partners	Private Equity	1986
Riverstone	Venture Capital	2006
Spectra Enterprise Associates	Venture Capital	1987
Summit Ventures	Venture Capital	1989
T. Rowe Price Associates	Distressed Debt	1989
Trident Capital	Venture Capital	2000
Viking Partners	Hedge Fund	2012
Weston Presidio Capital	Venture Capital	1996
Cash & Short-Term		
Northern Trust	Cash & Equivalents	2007

# Investment Summary and Schedule of Investment Fees

(dollar values expressed in millions)

					al Fiscal	
		et Value as of ne 30, 2014	Percent of Total Investment Assets		ur 2014 ment Fees	Basis Points
Equities	Jun	10, 2014	Investment Assets	IIIVCS	ment rees	Tomas
Domestic Equities	\$	3,649.1	39.5%	\$	7.8	
International Equities	\$	642.1	7.0%	\$	9.6	
Sub-Total	\$	4,291.2	46.5%	\$	17.4	
Fixed Income						
Domestic Fixed Income	\$	1,925.8	20.9%	\$	2.2	
International Fixed Income	\$	687.8	7.4%		0.0	
Sub-Total	\$	2,613.6	28.3%	\$	2.2	
Other Asset Allocations						
Alternative Investment	\$	1,754.8	19.0%		0.0	
Cast and Short Term	\$	572.9	6.2%		0.0	
Sub-Total	\$	2,327.7	25.2%		0.0	
Other Investment Services						
Custodian/Investment Advisor Fees			-	\$	4.2	
Pension Office Support Staff Expenses		-		\$	0.6	
Sub-Total		-	-	\$	4.8	
	\$	9,232.5	100.0%	\$	24.4	28bp

<sup>\*</sup> Other fees include Alternative Investment fees detailed on page 42. These fees have been excluded from the table above and 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 by the timing of cash flows into or out of the System.

### Alternative Investments:

Alternative Investments include non-traditional investments, some of which may be illiquid, such as limited partnerships, real estate and private LLCs.

### **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. Broker selection is the responsibility of individual investment managers.

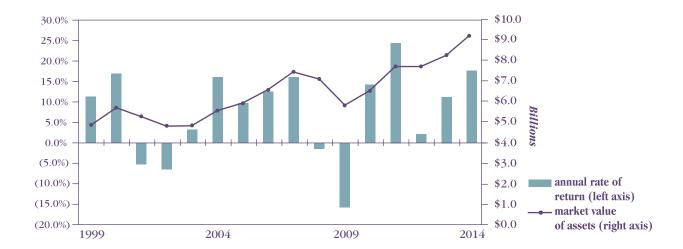
The following is a list of brokers who received \$10,000 or more in commissions during Fiscal Year 2014.

Year 2014. Broker	# of Shares	Commission Per Share	Total Dollar Amount of Trades	Total Commission
UBS AG LONDON BRANCH	8,172,560	\$0.01	\$ 89,337,521	\$ 76,520
GOLDMAN, SACHS AND CO.	7,102,618	\$0.01	115,978,130	73,424
MORGAN STANLEY AND CO., LLC	8,535,795	\$0.01	198,116,849	72,986
MERRILL LYNCH AND CO., INC.	3,577,219	\$0.02	201,131,633	66,913
MERRILL LYNCH INTERNATIONAL LIMITED	7,483,206	\$0.01	74,856,761	63,608
CITIGROUP GLOBAL MARKETS LIMITED	7,105,892	\$0.01	41,109,569	59,379
INVESTMENT TECHNOLOGY GROUP INC	2,111,819	\$0.03	36,137,687	55,776
CITIGROUP GLOBAL MARKETS INC.	3,171,046	\$0.02	84,808,300	54,271
J.P. MORGAN SECURITIES PLC	3,597,520	\$0.01	45,007,563	40,280
MERRILL LYNCH PIERCE FENNER & SMITH	1,260,270	\$0.03	37,018,047	36,813
DEUTSCHE BANK SECURITIES INC.	1,637,142	\$0.02	69,010,892	36,773
J.P. MORGAN CLEARING CORP.	1,507,068	\$0.02	70,966,502	34,391
CREDIT SUISSE AG, NEW YORK BRANCH	1,181,258	\$0.03	61,662,179	29,980
GOLDMAN SACHS INTERNATIONAL	1,780,329	\$0.02	30,792,788	29,442
MERRILL LYNCH PIECE FENNER & SMITH	1,208,913	\$0.02	67,761,689	28,754
UBS AG STAMFORD BRANCH	1,459,679	\$0.02	119,283,871	28,587
MACQUARIE BANK LIMITED	5,769,288	\$0.00	15,302,928	27,047
CREDIT SUISSE (HONG KONG) LIMITED	26,073,573	\$0.00	29,346,116	24,624
DEUTSCHE BANK AG	1,551,205	\$0.00	14,320,571	23,024
			,- ,- ,-	
HSBC BANK PLC	1,827,431	\$0.01	16,985,971	22,305
MORGAN STANLEY AND CO. INTERNATIONAL PLC	2,227,235	\$0.01	20,837,490	20,510
KCG AMERICAS LLC	1,861,814	\$0.01	53,292,219	19,001
BARCLAYS CAPITAL INC	972,348	\$0.02	49,379,057	18,203
DEUTSCHE SECURITIES ASIA LIMITED	5,727,790	\$0.00	9,263,648	18,034
BNY ESI SECURITIES CO.	555,728	\$0.03	13,347,927	16,586
CLSA LIMITED	6,593,950	\$0.00	10,814,789	16,131
STIFEL NICOLAUS & CO, INCORPORATED	2,185,410	\$0.01	91,242,867	15,983
CREDIT SUISSE SECURITIES (USA) LLC	1,433,073	\$0.01	8,252,637	15,693
CREDIT SUISSE SECURITIES (EUROPE) LTD	1,423,191	\$0.01	20,717,437	14,087
CLSA SINGAPORE PTE LTD.	10,846,000	\$0.00	7,295,738	13,796
DEUTSCHE BANK SECURITIES	1,407,044	\$0.01	9,003,172	13,490
JEFFERIES INTERNATIONAL LTD	1,076,614	\$0.01	10,425,567	13,418
MORGAN STANLEY & CO INC. NEW YORK	510,000	\$0.03	9,918,710	13,200
J.P. MORGAN SECURITIES LLC	622,381	\$0.02	6,610,273	13,102
ISI GROUP INC.	351,601	\$0.04	18,472,068	12,590
SANFORD C. BERNSTEIN AND CO., LLC	671,262	\$0.02	41,468,887	12,118
BANCO BTG PACTUAL S.A.	1,014,300	\$0.01	5,445,220	11,832
RBC EUROPE LIMITED	1,599,769	\$0.01	13,377,463	11,740
INSTINET EUROPE LIMITED	221,962	\$0.05	8,786,687	11,258
MONNESS CRESPI HARDT NEW YORK	238,709	\$0.05	11,133,613	10,862
JPMORGAN SECURITIES (ASIA PACIFIC)	5,702,180	\$0.00	5,546,809	10,771
PERSHING LLC	228,670	\$0.05	13,569,107	10,537
BARCLAYS CAPITAL	724,866	\$0.01	13,586,498	10,472
MERRILL PROFESSIONAL CLEARING CORP.	512,511	\$0.02	3,305,025	10,250
All Others (207 Brokers Not Listed)	29,781,548	\$0.01	382,761,862	359,779
Totals	174,603,787		\$ 2,256,790,337	\$ 1,578,340
Average Commission, Per Share	\$0.01			

### **Delaware Public Employees' Retirement System**

## Annual Market Value of Fund and Rate of Return

For the 15-Year Period 1999-2014



The Investment Section is 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

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware



#### Classic Values, Innovative Advice

October 31, 2014

Board of Pension Trustees Delaware 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, 2013. The results of these valuations are contained in the enclosed exhibits. Any distribution of the exhibits must be in their entirety, including this cover letter, unless prior written consent is obtained. The contributions actually made during FY 2014 were developed in the 2012 actuarial valuations. The basis for the GASB 67 Net Pension Liability was the 2013 actuarial valuations, using a 7.2% discount rate except Closed State Police which was 4.3% and a 3.0% salary inflation assumption, rolled forward to June 30, 2014.

### **Funding Objective**

The funding objective of the System is to establish contribution rates that, over time, will remain level as a percent of payroll. In order to achieve this, we developed a contribution rate that will provide for current cost (i.e., normal cost expressed as a level percent of payroll) plus a 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 retirees are funded through a schedule of future transfers from the Post-Retirement Increase Fund.

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

### **Assumptions and Methods**

The actuarial assumptions and methods used in these valuations are based on the most recent experience study completed during the fiscal year ended June 30, 2012. The Board set the investment return assumption 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 reasonable 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 determining the recommended funding amounts for the System. Actuarial computations under GASB Statement No. 67 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 Statement No. 67. 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.

1750 Tysons Boulevard, Suite 1100, McLean, VA 22102

Tel: 703.893.1456

Fax: 703.893.2006

www.cheiron.us



Board of Pension Trustees August 31, 2014 Page 2



This report was prepared solely for the purposes described herein, This report is not intended to benefit any third party, and Cheiron assumes no duty or liability to any such party.

#### **Reliance on Others**

In performing this analysis, we relied on data and other information provided by the Delaware State Pension 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 an informal examination of the obvious characteristics of this data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23 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 relationships that are materially inconsistent. Such a review was beyond the scope of our assignment.

### **Supporting Schedules**

Cheiron is responsible for providing all figures from 2006 forward in the following schedules of the Financial Section: Membership Data, Current Funded Status of the Plans, Plan Actuarial Methods, Schedule of Changes in Net Pension Liability and Schedule of Employer Contributions. In addition, we were responsible for the 2006 and later information provided in the following schedules found in the Actuarial Section: Actuarial Assumptions and Methods, Schedule of Active Member Valuation Data, Solvency Test, and Analysis of Financial Experience for the State Employees' Pension Plan.

### Certification

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

I hereby certify that, to the best of my knowledge, this report and its contents are work products of Cheiron, Inc. These work products are complete and accurate and have been prepared in accordance with generally recognized and accepted actuarial principles and practices which are consistent with the Code of Professional Conduct and applicable Standard of Practice set out by the Actuarial Standards Board. Furthermore, as a credentialed actuary, I meet the Qualification Standards of the American Academy of Actuaries to render the opinion contained in this report. This report does not address any contractual or legal issues. We are not attorneys and out firm does not provide any legal service or advice.

Sincerely, Cheiron

Kina Ehiste

Fiona E. Liston, FSA, EA Consulting Actuary

#### **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 prior year valuation rate of 7.5% per annum.

### **Funding Method**

We used the Individual 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 normal cost rate is determined for each member of each respective plan. This rate represents the member's expected future employer-paid normal costs divided by his expected future salary, where both measurements are made as of the member's original entry date to the System.

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. These transfers will cover the liability increases due to the cost-of-living increases granted on January 1, 2011 and July 1, 2012. The remaining unfunded actuarial liability will be amortized in layers for the Judiciary Plan, over an open 20 year period for the State Employees' Plan and State Police Plan and over an open period of 15 years for the Volunteer Firemen's Plan and the Diamond State Port Corporation plan through the unfunded liability amortization component of the total contribution.

### **Actuarial Assumptions**

The actuarial assumptions for the actuarial valuations are based on the experience study completed this year. 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, 2013:

1. Rate of return on investments:

For funding purposes: 7.5% compounded annually (adopted 2011) For GASB 67 disclosures: 7.2% compounded annually (adopted 2013)

2. Discount Rate:

All plans (except Closed State Police): 7.2% (adopted 2013) Closed State Police: 4.3% (20 year AA municipal bond rate)

3. Salary increases attributable to inflation:

For funding purposes: 3.25% compounded annually (adopted 2011) For GASB 67 disclosures: 3.0% compounded annually (adopted 2013)

- 4. Salary increases attributable to merit and productivity: Increases for State Employees ranging from 0.50% to 8.5% per year (adopted 2011)
- 5. Cost-of-Living adjustments:

Ad hoc for all plans except Closed State Police

Closed State Police: Based on CPI

6. Mortality:

Rates of mortality vary by plan and gender. For retirees, assumption anticipates future improvements in mortality through the use of a projection scale (adopted 2011). Sample retiree mortality rates from the State Employees plan are as follows:

	Base Rate in 2000		Project	ion Scale
Age	Male	Female	Male	Female
35	0.08%	0.05%	0.50%	1.10%
40	0.11%	0.07%	0.80%	1.50%
45	0.15%	0.11%	1.30%	1.60%
50	0.21%	0.17%	1.80%	1.70%
55	0.36%	0.27%	1.90%	0.80%
60	0.67%	0.51%	1.60%	0.50%

Active employee mortality rates for all plans are base don the RP 2000 Mortality Table for males and females, with static projection to 2015 using Projection Scale AA.

- 7. Rates of termination of service, disablement, and retirement: Based on the results of the Experience Study completed in 2011 (adopted 2011).
- 8. Aggregate active member payroll: 3.25% annually (adopted 2011)

### **Summary of Plan Provisions and Changes in Plan Provisions**

The plans valued are those described on pages 30-33 of the Financial Section.

# Schedule of Active Member Valuation Data

Dl	Fiscal Year	Number of	Annualized Covered Payroll	Annual	% Increase/ (Decrease) in
Plan State Employees'	<b>Ended</b> 30-Jun-2013	<u>Members</u> 35,571	(expressed in thousands) \$ 1,877,105	<b>Average Pay</b> \$ 52,771	Average Pay (0.6%)
oute improyees	30-Jun-2012	35,427	1,881,097	53,098	5.9%
	30-Jun-2011	35,572	1,783,603	50,141	1.4%
	30-Jun-2010	35,217	1,740,622	49,426	(0.1%)
	30-Jun-2009	35,430	1,753,129	49,481	0.5%
	30-Jun-2008	34,764	1,711,473	49,231	2.3%
	30-Jun-2007	35,062	1,654,609	48,135	1.9%
	30-Jun-2006	34,313	1,589,185	46,314	5.0%
	30-Jun-2005	33,379	1,471,931	44,098	2.4%
	30-Jun-2004	32,498			1.2%
Canadal		1 has no Active Men	1,399,279	43,057	1.2/0
Special  New State Police		689		\$ 81,697	0.7%
New State Police	30-Jun-2013		* * * * * * * * * * * * * * * * * * * *	, , , , , ,	
	30-Jun-2012	671	54,412	81,091	6.2%
	30-Jun-2011	662	50,556	76,369	(0.4%)
	30-Jun-2010	651	49,896	76,645	(0.9%)
	30-Jun-2009	652	50,425	77,339	5.0%
	30-Jun-2008	651	47,971	73,688	1.1%
	30-Jun-2007	644	46,924	72,863	5.8%
	30-Jun-2006	633	43,579	68,845	5.9%
	30-Jun-2005	610	39,645	64,992	4.6%
	30-Jun-2004	591	36,718	62,129	13.2%
Judiciary	30-Jun-2013	56	\$ 10,416	\$ 186,000	(1.5%)
	30-Jun-2012	55	10,387	188,855	6.0%
	30-Jun-2011	54	9,624	178,222	0.0%
	30-Jun-2010	55	9,798	178,145	(0.2%)
	30-Jun-2009	55	9,814	178,436	(0.6%)
	30-Jun-2008	54	9,689	179,426	0.4%
	30-Jun-2007	55	9,825	178,636	4.6%
	30-Jun-2006	55	9,397	170,854	6.8%
	30-Jun-2005	53	8,475	159,906	8.4%
	30-Jun-2004	52	7,672	147,539	4.9%
County & Municipal	30-Jun-2013	1,082	\$ 68,122	\$ 62,959	(0.6%)
Police and Firefighters'	30-Jun-2012	1,059	67,091	63,353	3.7%
	30-Jun-2011	973	59,418	61,067	3.8%
	30-Jun-2010	967	56,917	58,859	1.2%
	30-Jun-2009	954	55,478	58,153	2.1%
	30-Jun-2008	866	49,328	56,961	3.8%
	30-Jun-2007	821	45,059	54,883	4.9%
	30-Jun-2006	733	38,342	52,308	5.7%
	30-Jun-2005	675	33,389	49,465	(0.3%)
	30-Jun-2004	563	27,930	49,609	15.6%

### **Schedule of Active Member Valuation Data (continued)**

		% Increase/			
	Fiscal Year	<b>Number of</b>	<b>Covered Payroll</b>	Annual	(Decrease) in
Plan	Ended	Members	(expressed in thousands)	Average Pay	Average Pay
County & Municipal	30-Jun-2013	543	\$ 26,332	\$ 48,494	4.4%
Other Employees'	30-Jun-2012	483	22,435	46,449	2.5%
	30-Jun-2011	454	20,580	45,330	1.0%
	30-Jun-2010	459	20,591	44,861	1.0%
	30-Jun-2009	429	19,046	44,396	1.7%
	30-Jun-2008	427	18,632	43,635	8.4%
	30-Jun-2007	402	16,183	40,256	7.8%
	30-Jun-2006	349	13,027	37,327	20.8%
	30-Jun-2005	315	9,737	30,911	(8.6%)
	30-Jun-2004	221	7,474	33,819	10.6%
Closed State Police	The Closed State	Police Fund has no	Active Members		
Diamond State Port	30-Jun-2013	238	\$ 11,381	\$ 47,819	3.6%
Corporation	30-Jun-2012	265	12,229	46,147	5.5%
	30-Jun-2011	255	11,150	43,725	0.1%
	30-Jun-2010	257	11,224	43,673	10.1%
	30-Jun-2009	279	11,071	39,681	8.6%
	30-Jun-2008	281	10,270	36,548	(3.5%)
	30-Jun-2007	296	11,213	37,882	(3.7%)
	30-Jun-2006	283	11,130	39,329	13.5%
	30-Jun-2005	267	9,248	34,637	0.2%
	30-Jun-2004	259	8,950	34,556	4.4%
Delaware	30-Jun-2013	4,882	\$ -	\$ -	-
Volunteer	30-Jun-2012	4,871	-	-	-
Firemen's	30-Jun-2011	4,933	-	-	-
	30-Jun-2010	4,898	-	-	-
	30-Jun-2009	5,074	-	-	-
	30-Jun-2008	5,066	-	-	-
	30-Jun-2007	5,170	-	-	-
	30-Jun-2006	5,160	-	-	-
	30-Jun-2005	5,106	-	-	-
	30-Jun-2004	5,055	-	-	-

## Schedule of Retirants and Beneficiaries Added to and Removed from Rolls

			Added	to Rolls	Removed from Rolls			
Plan	Fiscal Year Ended	Additions		Annual Allowance sed in thousands)	Deletions		Annual Allowances sed in thousands)	
State Employees'	30-Jun-2013	1,603	\$	36,118	835	\$	9,846	
	30-Jun-2012	1,459		35,304	824		9,285	
	30-Jun-2011	1,339		36,190	839		8,567	
	30-Jun-2010	1,673		38,613	843		10,472	
	30-Jun-2009	1,330		31,401	750		8,613	
	30-Jun-2008	1,363		29,455	680		7,497	
Special	30-Jun-2013	-	\$	-	2	\$	7	
_	30-Jun-2012	-		(1)	1		3	
	30-Jun-2011	1		3	3		9	
	30-Jun-2010	-		-	4		12	
	30-Jun-2009	1		4	6		22	
	30-Jun-2008	-		-	2		4	
New State Police	30-Jun-2013	16	\$	1,117	2	\$	66	
	30-Jun-2012	31		2,089	2		16	
	30-Jun-2011	18		1,231	1		20	
	30-Jun-2010	27		1,535	2		-	
	30-Jun-2009	18		1,006	1		40	
	30-Jun-2008	12		613	1		39	
Judiciary	30-Jun-2013	3	\$	308		\$	-	
Judicial	30-Jun-2012	1	۲	79	2	۲	99	
	30-Jun-2011	3		322	2		68	
	30-Jun-2010	3		308	1		75	
	30-Jun-2009	4		378	2		158	
	30-Jun-2008	2		153	3		148	
County & Municipal	30-Jun-2013	9	\$	297	1	\$	16	
Police and Firefighters'	30-Jun-2012	13	Ψ	453	2	۴	14	
1 once and 111 enginery	30-Jun-2011	13		358	1		27	
	30-Jun-2010	12		450	-		-	
	30-Jun-2009	8		252	-		-	
	30-Jun-2008	5		132	1		7	
County & Municipal	30-Jun-2013	15	\$	114	1	\$	1	
Other Employees'	30-Jun-2012	12	Ψ	117	2	Ψ	42	
outer Employees	30-Jun-2011	10		66	2		18	
	30-Jun-2010	9		99	1		41	
	30-Jun-2009	6		75	-		-11	
	30-Jun-2008	3		17	-		-	
Delaware Volunteer	30-Jun-2013	90	\$	100	67	\$	56	
Firemen's	30-Jun-2012	90	φ	108	63	φ	52	
THEIRER 5	30-Jun-2012 30-Jun-2011	115		126	53		46	
	30-Jun-2011 30-Jun-2010	110		118	66		46	
	30-Jun-2010 30-Jun-2009	104		116	61		51	
	30-Jun-2008	123		132	48		41	

### Schedule of Retirants and Beneficiaries Added to and Removed from Rolls (continued)

		Added to Rolls				Removed from Rolls		
Plan	Fiscal Year Ended	Additions	Al	Annual llowance ed in thousands)	Deletions	Annual Allowances (expressed in thousands)		
Diamond State	30-Jun-2013	5	\$	41	1	\$	7	
Port Corporation	30-Jun-2012	2		19	1		16	
	30-Jun-2011	7		77	3		25	
	30-Jun-2010	6		48	1		10	
	30-Jun-2009	2		12	-		-	
	30-Jun-2008	1		3	1		14	
Closed State Police	30-Jun-2013	5	\$	1,018	13	\$	453	
	30-Jun-2012	11		1,572	21		767	
	30-Jun-2011	8		234	9		271	
	30-Jun-2010	12		415	14		585	
	30-Jun-2009	12		1,403	10		385	
	30-Jun-2008	13		1,115	13		437	

			On Roll at Ye	ar End	_			
Plan	Fiscal Year Ended	Annual Year End Allowance Total (expressed in thousands)				Average Annual Ilowance	% Change in Annual Allowance	
State Employees'	30-Jun-2013	23,579	\$	483,005	\$	20,485	5.8%	
	30-Jun-2012	22,811		456,733		20,070	6.0%	
	30-Jun-2011	22,176		430,713		19,496	6.9%	
	30-Jun-2010	21,676		403,091		18,686	7.51%	
	30-Jun-2009	20,846		374,950		18,071	6.5%	
	30-Jun-2008	20,266		352,161		17,450	6.6%	
Special	30-Jun-2013	9	\$	42	\$	4,667	(13.2%)	
	30-Jun-2012	11		48		4,408	(7.2%)	
	30-Jun-2011	12		52		4,352	(10.4%)	
	30-Jun-2010	14		58		4,163	(17.58%)	
	30-Jun-2009	18		70		3,929	(20.5%)	
	30-Jun-2008	23		89		3,866	(4.3%)	
New State Police	30-Jun-2013	173	\$	9,940	\$	57,457	11.8%	
	30-Jun-2012	159		8,889		56,258	30.4%	
	30-Jun-2011	130		6,815		52,829	21.6%	
	30-Jun-2010	113		5,604		49,593	37.72%	
	30-Jun-2009	88		4,069		47,317	31.2%	
	30-Jun-2008	71		3,102		43,701	22.7%	
Judiciary	30-Jun-2013	45	\$	3,396	\$	75,467	10.0%	
	30-Jun-2012	42		3,088		73,520	(0.6%)	
	30-Jun-2011	43		3,107		72,257	8.9%	
	30-Jun-2010	42		2,853		67,917	8.92%	
	30-Jun-2009	40		2,618		65,471	9.2%	
	30-Jun-2008	38		2,399		63,122	0.2%	

### Schedule of Retirants and Beneficiaries Added to and Removed from Rolls (continued)

			On Roll a	t Year End			
	nt 1x			Annual		Average	% Change
Plan	Fiscal Year Ended	Year End Total		Allowance red in thousands)	A	Annual Ulowance	in Annual Allowance
County & Municipal	30-Jun-2013	87	\$	2,652	\$	30,483	11.8%
Police and Firefighters'	30-Jun-2012	79		2,371		30,018	22.7%
	30-Jun-2011	68		1,933		28,845	20.7%
	30-Jun-2010	56		1,602		28,599	39.05%
	30-Jun-2009	44		1,151		26,176	28.1%
	30-Jun-2008	36		899		24,979	16.1%
County & Municipal	30-Jun-2013	70	\$	512	\$	7,314	28.6%
Other Employees'	30-Jun-2012	56		398		7,109	23.2%
	30-Jun-2011	46		323		7,023	17.7%
	30-Jun-2010	38		275		7,224	26.79%
	30-Jun-2009	30		216		7,218	53.7%
	30-Jun-2008	24		141		5,871	14.6%
Delaware Volunteer	30-Jun-2013	1,640	\$	1,712	\$	1,044	2.6%
Firemen's	30-Jun-2012	1,617		1,668		1,034	3.5%
	30-Jun-2011	1,583		1,612		1,022	5.2%
	30-Jun-2010	1,521		1,532		1,007	4.95%
	30-Jun-2009	1,477		1,459		994	4.5%
	30-Jun-2008	1,434		1,397		977	7.0%
Diamond State	30-Jun-2013	49	\$	400	\$	8,163	9.2%
Port Corporation	30-Jun-2012	45		366		8,143	0.8%
	30-Jun-2011	44		364		8,262	16.6%
	30-Jun-2010	40		312		7,795	13.96%
	30-Jun-2009	35		273		7,817	5.0%
	30-Jun-2008	33		261		7,897	(3.7%)
Closed State Police	30-Jun-2013	528	\$	23,764	\$	45,008	2.4%
	30-Jun-2012	536		23,200		43,364	3.6%
	30-Jun-2011	546		22,395		41,168	(0.2%)
	30-Jun-2010	547		22,432		41,161	(0.75%)
	30-Jun-2009	549		22,602		41,170	4.7%
	30-Jun-2008	547		21,584		39,459	3.2%

# Solvency Test

(dollar values expressed in thousands)

	Valuation	abilities for Active Member Employer Financed	Actuarial Value of	/alue of Liabilities Covere				
Plan	Date	Contributions (1)	S Beneficiaries (2)	Contributions (3)	Reported Assets	(1)	eported (2)	Assets (3)
State Employees'	30-Jun-2013	\$ 606,874	\$ 4,600,135	\$ 3,050,261	\$7,519,770	100%	100%	76%
Suite Employees	30-Jun-2012	629,639	4,370,623	2,949,593	7,270,430	100%	100%	77%
	30-Jun-2011	558,065	4,123,360	2,866,526	7,091,821	100%	100%	84%
	30-Jun-2010	527,578	3,873,286	2,695,462	6,808,957	100%	100%	89%
	30-Jun-2009	508,790	3,608,850	2,709,366	6,744,050	100%	100%	97%
	30-Jun-2008	470,813	3,390,993	2,688,050	6,751,949	100%	100%	108%
	30-Jun-2007	444,376	3,182,382	2,581,267	6,437,916	100%	100%	109%
	30-Jun-2006	434,605	2,982,471	2,484,996	5,998,746	100%	100%	104%
	30-Jun-2005	414,001	2,702,359	2,456,359	5,660,057	100%	100%	104%
	30-Jun-2004	396,614	2,437,522	2,395,791	5,387,560	100%	100%	107%
Special	30-Jun-2013	\$ -	\$ 224	\$ -	\$ 329	-	147%	-
	30-Jun-2012	-	264	-	366	-	139%	-
	30-Jun-2011	-	287	-	406	-	141%	-
	30-Jun-2010	-	333	-	457	-	137%	-
	30-Jun-2009	-	399	-	516	-	129%	-
	30-Jun-2008	-	492	-	614	-	125%	-
	30-Jun-2007	-	530	-	673	-	127%	-
	30-Jun-2006	-	704	-	758	-	108%	-
	30-Jun-2005	-	791	-	855	-	108%	-
	30-Jun-2004	-	785	-	933	-	119%	-
New State Police	30-Jun-2013	\$ 49,201	\$ 117,660	\$ 184,024	\$ 317,814	100%	100%	82%
	30-Jun-2012	45,534	105,829	173,535	292,262	100%	100%	81%
	30-Jun-2011	43,865	81,299	161,726	270,625	100%	100%	90%
	30-Jun-2010	40,955	65,550	153,753	245,303	100%	100%	90%
	30-Jun-2009	38,619	47,700	154,932	229,457	100%	100%	92%
	30-Jun-2008	35,707	36,474	142,740	216,368	100%	100%	101%
	30-Jun-2007	31,979	29,887	133,945	194,560	100%	100%	99%
	30-Jun-2006	28,551	22,373	119,953	169,824	100%	100%	99%
	30-Jun-2005	25,260	16,667	107,730	150,209	100%	100%	101%
	30-Jun-2004	22,194	13,036	93,702	134,507	100%	100%	106%

Aggregate accrued Liability at June 30, 2013 is calculated using the funding assumptions and does not agree with the Total Pension Liability shown as of the same date in the Financial Section.

### **Solvency Test (continued)**

(dollar values expressed in thousands)

	Aggregate Accrued Liabilities for											
	Valuation	7	Active Member	Da	tirants &		ve Member over Financed		Actuarial Value of		ion of Ac ilities Co	
	Date		ntributions		eficiaries		tributions		Reported		eported	
Plan			(1)		(2)		(3)		Assets	(1)	(2)	(3)
Judiciary	30-Jun-2013	\$	5,896	\$	28,458	\$	32,213	\$	63,512	100%	100%	91%
	30-Jun-2012		5,986		25,953		34,007		59,279	100%	100%	80%
	30-Jun-2011		5,400		26,482		31,208		55,784	100%	100%	77%
	30-Jun-2010		5,047		23,928		31,129		51,550	100%	100%	73%
	30-Jun-2009		4,816		22,315		30,668		49,036	100%	100%	71%
	30-Jun-2008		4,382		20,398		31,076		47,209	100%	100%	72%
	30-Jun-2007		3,984		19,998		29,704		43,050	100%	100%	64%
	30-Jun-2006		3,473		20,741		25,963		38,407	100%	100%	55%
	30-Jun-2005		3,126		19,624		21,329		35,112	100%	100%	58%
	30-Jun-2004		2,763		18,817		17,284		32,841	100%	100%	65%
County & Municipal	30-Jun-2013	\$	42,945	\$	31,217	\$	133,578	\$	203,832	100%	100%	97%
Police and	30-Jun-2012		38,013		28,007		120,881		179,816	100%	100%	94%
Firefighters'	30-Jun-2011		33,031		22,870		104,249		157,394	100%	100%	97%
	30-Jun-2010		28,585		18,613		94,232		135,684	100%	100%	94%
	30-Jun-2009		24,808		13,383		84,382		119,712	100%	100%	97%
	30-Jun-2008		20,669		10,380		72,862		102,423	100%	100%	98%
	30-Jun-2007		17,135		9,072		62,815		87,395	100%	100%	97%
	30-Jun-2006		13,965		6,992		51,875		72,120	100%	100%	99%
	30-Jun-2005		11,441		6,519		43,375		59,711	100%	100%	96%
	30-Jun-2004		9,334		5,656		30,214		48,893	100%	100%	112%
County & Municipal	30-Jun-2013	\$	3,886	\$	4,872	\$	20,554	\$	27,492	100%	100%	91%
Other Employees'	30-Jun-2012		3,423		3,887		17,879		23,851	100%	100%	93%
	30-Jun-2011		3,098		3,096		16,665		20,664	100%	100%	87%
	30-Jun-2010		2,653		2,637		14,537		17,596	100%	100%	85%
	30-Jun-2009		2,172		2,091		12,524		15,074	100%	100%	86%
	30-Jun-2008		1,756		1,302		11,250		12,980	100%	100%	88%
	30-Jun-2007		1,303		1,136		9,139		10,405	100%	100%	87%
	30-Jun-2006		1,005		860		7,357		8,529	100%	100%	91%
	30-Jun-2005		773		876		5,073		7,048	100%	100%	91%
	30-Jun-2004		626		649		2,065		4,275	100%	100%	145%

Aggregate accrued Liability at June 30, 2013 is calculated using the funding assumptions and does not agree with the Total Pension Liability shown as of the same date in the Financial Section.

### **Solvency Test (continued)**

(dollar values expressed in thousands)

	Aggregate Accrued Liabilities for									D C CA			
	Valuation	7	Active Member	R	etirants &		ve Member oyer Financed		ctuarial Value of		ion of Ac ilities Co		
	Date		tributions		neficiaries		tributions		eported		eported .		
Plan			(1)		(2)		(3)		Assets	(1)	(2)	(3)	
Delaware	30-Jun-2013	\$	5,087	\$	14,291	\$	11,663	\$	15,773	100%	75%	-	
Volunteer	30-Jun-2012		4,896		13,998		11,255		14,972	100%	72%	-	
Firemen's	30-Jun-2011		4,797		13,457		11,261		14,379	100%	71%	-	
	30-Jun-2010		4,727		12,692		9,963		13,663	100%	70%	-	
	30-Jun-2009		4,702		12,050		9,810		13,241	100%	71%	-	
	30-Jun-2008		4,531		11,513		9,675		12,972	100%	73%	-	
	30-Jun-2007		4,474		10,709		9,626		12,225	100%	72%	-	
	30-Jun-2006		4,299		9,925		9,701		11,340	100%	71%	-	
	30-Jun-2005		4,105		9,435		9,373		10,665	100%	70%	-	
	30-Jun-2004		3,918		8,842		9,190		10,121	100%	70%	-	
Diamond State Port	30-Jun-2013	\$	3,550	\$	3,870	\$	17,716	\$	20,964	100%	100%	76%	
Corporation	30-Jun-2012		3,480		3,564		15,995		18,930	100%	100%	74%	
	30-Jun-2011		3,043		3,602		13,987		17,198	100%	100%	75%	
	30-Jun-2010		2,689		2,991		12,674		15,418	100%	100%	77%	
	30-Jun-2009		2,528		2,658		11,098		14,353	100%	100%	83%	
	30-Jun-2008		2,181		2,576		9,382		13,391	100%	100%	92%	
	30-Jun-2007		1,905		2,689		9,010		11,911	100%	100%	81%	
	30-Jun-2006		1,718		2,498		8,522		10,361	100%	100%	72%	
	30-Jun-2005		1,476		2,126		6,130		8,948	100%	100%	87%	
	30-Jun-2004		1,217		2,057		5,775		8,140	100%	100%	84%	
Closed State Police	30-Jun-2013	\$	-	\$	294,533	\$	-	\$	2,668	100%	1%	-	
	30-Jun-2012		125		292,866		817		2,748	100%	1%	-	
	30-Jun-2011		119		285,185		706		2,414	100%	1%	-	
	30-Jun-2010		326		296,089		2,078		1,440	100%	-	-	
	30-Jun-2009		519		302,526		3,859		727	100%	-	-	
	30-Jun-2008		515		292,027		7,370		618	100%	-	-	
	30-Jun-2007		752		285,795		10,636		514	68%	-	-	
	30-Jun-2006		863		281,515		11,771		1,663	100%	-	-	
	30-Jun-2005		1,168		266,344		16,390		749	64%	-	-	
	30-Jun-2004		1,200		267,614		16,230		2,979	100%	1%	-	

Aggregate accrued Liability at June 30, 2013 is calculated using the funding assumptions and does not agree with the Total Pension Liability shown as of the same date in the Financial Section.

# 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	2013	2012	20	11	2010	2009	2008	2007		
Investment Income/(Loss) on Actuarial Assets	\$ (31,048)	\$ (88,902)	\$ (8,	726)	\$ (224,949)	\$(337,848)	\$ (27,225)	\$120,673		
Combined Liability Experience	71,572	(79,092)	26,	105	34,271	31,060	(44,449)	(19,423)		
(Loss)/Gain During Year from										
Financial Experience	40,524	(167,994)	17,	379	(190,678)	(306,788)	(71,674)	101,250		
Non-Recurring Items	(84,221)	39,896	(173,	261)	-	-	-	-		
Composite (Loss)/Gain During Year	\$ (43,697)	\$(128,098)	\$ (155,	882)	\$ (190,678)	\$(306,788)	\$ (71,674)	\$101,250		



# STATISTICAL SECTION

Delaware Public Employees' Retirement System

— A component unit of the State of Delaware

### **About the Statistical Section**

This section provides the reader with detailed information about the economic and demographic trends experienced over the past ten years in the System:

*Schedule of Principal Participating Employers* lists the entities that make up at least 50% of the System's two multiple-employer plans (County Municipal Police & Firefighter and County & Municipal Other Employees').

*Schedules of Additions by Source and Deductions by Type* display for each plan the changes in plan net assets as a result of payments made to and by the System.

*Schedule of Benefit Deductions by Type* identifies the type of payments made to beneficiaries and to former employees.

*Schedule of Retired Members by Type of Benefit by Plan* identifies the range of benefit payments made to retirees sorted by plan and type of retirement for the current fiscal year.

*Schedule of Average Benefit Payments by Plan* presents the average monthly benefit paid as of June 30, 2013, for plans that calculate benefits based on years of service or salary.

*Schedule of Participating Employers* lists all the current participating entities in the plans and funds within the System.

# Principal Participating Employers in Multiple-Employer Plans of the Delaware Public Employees' Retirement System

Current Year and Nine Years Ago

	201	3	2004		
County & Municipal Police and Firefighters' Plan	# of Participants	% of total	# of Participants	% of total	
City of Wilmington Police/Fire	370	34.2%	202	35.9%	
New Castle County Police/Fire	322	29.8%	190	33.7%	
City of Dover Police	91	8.4%	78	13.9%	
All Others	299	27.6%	93	16.5%	
	1,082	100.0%	563	100.0%	

	201	3	200	4
County & Municipal Other Employees' Plan	# of Participants	% of total	# of Participants	% of total
Kent Conservation District	81	14.9%	73	33.0%
City of Wilmington	73	13.4%	-	0.0%
City of Milford	68	12.5%	-	0.0%
Town of Bethany Beach	25	4.6%	-	0.0%
City of New Castle	23	4.2%	22	10.0%
Sussex Conservation District	22	4.1%	25	11.3%
Town of Georgetown	21	3.9%	24	10.9%
City of Harrington	20	3.7%	18	8.1%
All Others	210	38.7%	59	26.7%
	543	100.0%	221	100.0%

# Schedule of Additions by Source

Plan	Fiscal Year Ended June 30,	Employer Contri- butions	Transfer of Contri- butions From PRI Fund	Transfer of Assets from Outside the System	Member Contri- butions	Other	Net Investment Income	Net Increase/ (Decrease) in Fair Value of Investments	Total Additions	Employer Contri- butions As a Percent of Covered Payroll
State Employee	s' 2014	\$ 174,863	26,877	-	52,793	-	93,944	1,160,771	\$ 1,509,248	9.5%
	2013	160,651	25,949	-	50,555	-	108,849	627,223	973,227	8.6%
	2012	147,464	8,179	-	47,850	-	86,946	25,782	316,221	7.8%
	2011	128,019	13,640	-	46,403	-	113,771	1,277,375	1,579,208	7.2%
	2010	101,457	26,116	-	44,915	-	75,498	681,066	929,052	5.8%
	2009	96,576	38,835	-	45,899	-	71,803	(1,120,066)	(866,953)	5.5%
	2008	101,660	46,856	-	45,761	-	82,719	(193,188)	83,808	6.1%
	2007	97,000	45,110	-	42,856	-	90,768	851,864	1,127,598	5.9%
	2006	91,013	38,306	-	41,139	-	64,309	602,359	837,126	6.1%
	2005	70,638	33,839	-	37,857	-	62,423	437,425	642,182	4.9%
Special	2014	\$ -	-	-	-	-	3	45	\$ 48	-
	2013	-	-	-	-	-	5	28	33	-
	2012	-	-	-	-	-	4	-	4	-
	2011	-	-	-	-	-	6	64	70	-
	2010	-	-	-	-	-	4	48	52	-
	2009	-	-	-	-	-	7	(103)	(96)	-
	2008	-	-	-	-	-	8	(3)	5	-
	2007	-	-	-	-	-	10	107	117	-
	2006	-	-	-	-	-	8	83	91	-
	2005	-	-	-	-	-	9	69	78	-
New State Police	e 2014	\$ 10,500	494	-	3,862	31	4,115	50,520	\$ 69,522	19.1%
	2013	9,292	477	-	3,772	9	4,655	26,058	44,263	16.5%
	2012	8,309	143	-	3,560	29	3,446	1,385	16,872	15.3%
	2011	7,810	86	-	3,434	-	4,254	47,611	63,195	15.4%
	2010	6,562	151	-	3,276	38	2,677	23,358	36,062	13.2%
	2009	6,791	205	-	3,422	40	2,276	(35,658)	(22,924)	13.5%
	2008	6,643	210	-	3,221	37	2,567	(6,308)	6,370	14.3%
	2007	6,334	202	-	3,191	26	2,639	24,960	37,352	13.5%
	2006	5,276	135	-	2,881	22	1,810	16,276	26,400	12.8%
	2005	3,785	81	-	2,636	36	1,650	11,146	19,334	10.0%

# Schedule of Deductions by Type

Plan	Fiscal Year Ended June 30,	Transfer of Contri- butions from PRI Fund	Transfer of Assets Outside the System	Benefit Payments	Refund of Contri- butions	Burial Benefit Payments	Adminis- trative Expenses	Total Deductions	Total Change in Net Assets
State Employees	' 2014	\$ -	-	500,978	3,624	5,216	5,242	\$ 515,060	\$ 994,188
	2013	-	-	478,018	3,640	5,270	5,548	492,476	480,751
	2012	-	-	443,919	4,024	4,976	5,392	458,311	(142,090)
	2011	-	-	418,585	2,988	4,843	5,035	431,451	1,147,757
	2010	-	-	399,253	3,099	4,825	5,376	412,553	516,499
	2009	-	-	369,243	3,072	4,966	6,148	383,429	(1,250,382)
	2008	-	-	348,070	2,955	4,735	5,613	361,373	(277,565)
	2007	-	-	327,824	3,164	4,142	5,005	340,135	787,463
	2006	-	-	300,321	2,880	4,779	4,511	312,491	524,635
	2005	-	-	271,281	2,408	4,454	4,210	282,353	359,829
Special	2014	\$ -	-	42	-	-	1	\$ 43	\$ 5
	2013	-	-	46	-	7	1	54	(21)
	2012	-	-	48	-	7	1	56	(52)
	2011	-	-	56	-	21	1	78	(8)
	2010	-	-	61	-	14	2	77	(25)
	2009	-	-	78	-	35	3	116	(212)
	2008	-	-	91	-	13	4	108	(103)
	2007	-	-	102	-	49	-	151	(34)
	2006	-	-	129	-	28	1	158	(67)
	2005	-	-	122	-	14	3	139	(61)
New State Police	2014	\$ -	-	10,591	21	7	82	\$ 10,701	\$ 58,821
	2013	-	-	9,456	60	-	88	9,604	34,659
	2012	-	-	7,949	78	7	76	8,110	8,762
	2011	-	-	6,213	22	-	78	6,313	56,882
	2010	-	-	5,182	60	-	74	5,316	30,746
	2009	-	-	3,662	63	14	71	3,810	(26,734)
	2008	-	-	2,882	14	7	72	2,975	3,395
	2007	-	-	2,245	15	-	64	2,324	35,028
	2006	-	-	1,723	44	-	60	1,827	24,573
	2005	-	-	1,254	99	-	61	1,414	17,920

98 Schedule of Additions by Source (continued from page 94)

Plan	Fiscal Year Ended June 30,	Employer Contri- butions	Transfer of Contri- butions From PRI Fund	Transfer of Assets from Outside the System	Member Contri- butions	Other	Net Investment Income	Net Increase/ (Decrease) in Fair Value of Investments	A	Total additions	Employer Contri- butions As a Percent of Covered Payroll
Judiciary	2014	\$ 2,839	165	-	317	-	813	9,970	\$	14,104	27.7%
	2013	2,762	159	-	310	-	918	5,223		9,372	26.5%
	2012	2,674	49	-	305	-	701	260		3,989	25.7%
	2011	2,557	99	-	298	-	881	9,852		13,687	26.6%
	2010	2,473	190	-	304	-	564	4,953		8,484	25.2%
	2009	2,549	294	-	304	-	498	(7,723)		(4,078)	26.0%
	2008	2,644	350	-	338	-	593	(1,775)		2,150	28.0%
	2007	2,495	337	-	342	-	591	5,616		9,381	25.4%
	2006	2,002	307	-	320	-	411	3,768		6,808	22.1%
	2005	1,391	294	-	275	-	386	2,678		5,024	17.0%
County &	2014	\$ 10,283	-	-	4,897	-	2,706	33,297	\$	51,183	15.5%
Municipal	2013	8,671	-	-	4,166	-	2,866	16,411		32,114	12.7%
Police and	2012	9,265	-	-	4,569	-	2,063	1,033		16,930	13.8%
Firefighters'	2011	7,569	-	-	3,986	-	2,420	27,158		41,133	12.7%
	2010	7,307	-	-	3,734	-	1,446	12,316		24,803	12.8%
	2009	12,007	-	-	3,852	-	1,057	(16,658)		258	21.6%
	2008	6,246	-	-	3,270	-	1,177	(2,776)		7,917	13.6%
	2007	5,780	-	-	2,877	-	1,141	10,972		20,770	12.8%
	2006	5,488	-	-	2,348	-	759	6,556		15,151	13.8%
	2005	5,627	-	-	2,003	-	649	4,110		12,389	12.4%
County &	2014	\$ 2,049	-	-	748	-	363	4,519	\$	7,679	6.6%
Municipal	2013	1,604	-	-	600	-	380	2,196		4,780	6.1%
Other	2012	1,362	-	-	547	-	270	144		2,323	6.1%
Employees'	2011	1,186	-	-	489	-	314	3,556		5,545	5.8%
	2010	1,276	-	-	509	-	182	1,559		3,526	6.2%
	2009	2,293	-	-	481	-	135	(2,122)		787	12.0%
	2008	1,492	-	-	451	-	145	(328)		1,760	6.2%
	2007	820	-	-	366	-	134	1,421		2,741	5.1%
	2006	734	-	-	291	-	89	778		1,892	5.6%
	2005	2,271	-	-	215	-	76	362		2,924	4.9%

Schedule of Deductions by Type (continued from page 95)

Plan	Fiscal Year Ended June 30,	Transfer of Contri- butions from PRI Fund	Transfer of Assets Outside the System	Benefit Payments	Refund of Contri- butions	Burial Benefit Payments	Adminis- trative Expenses	Tota Deduct		otal Change Net Assets
Judiciary	2014	\$ -	-	3,588	-	-	13	\$ 3,	601	\$ 10,503
	2013	-	-	3,261	-	-	11	3,	272	6,100
	2012	-	-	3,067	-	-	10	3,	077	912
	2011	-	-	2,844	-	-	10	2,	854	10,833
	2010	-	-	2,726	-	-	15	2,	741	5,743
	2009	-	-	2,643	15	-	8	2,	666	(6,744)
	2008	-	-	2,340	-	-	9	2,	349	(199)
	2007	-	-	2,403	-	-	13	2,	416	6,965
	2006	-	-	2,346	-	-	10	2,	356	4,452
	2005	-	-	2,209	-	-	9	2,	218	2,806
County &	2014	\$ -	-	2,989	171	-	100	\$ 3,	260	\$ 47,923
Municipal	2013	-	-	2,586	193	-	116	2,	895	29,219
Police and	2012	-	-	2,254	227	-	109	2,	590	14,340
Firefighters'	2011	-	-	1,810	116	-	113	2,	039	39,094
	2010	-	-	1,365	142	-	101	1,	608	23,195
	2009	-	-	1,054	177	-	110	1,	341	(1,083)
	2008	-	-	836	267	-	96	1,	199	6,718
	2007	-	-	715	128	-	84		927	19,843
	2006	-	-	567	153	-	87		807	14,344
	2005	-	-	524	235	-	76		835	11,554
County &	2014	\$ -	-	581	78	-	60	\$	719	\$ 6,960
Municipal	2013	-	-	448	50	-	50		548	4,232
Other	2012	-	-	345	53	-	44		442	1,881
Employees'	2011	-	-	301	64	-	48		413	5,132
	2010	-	-	236	30	-	43		309	3,217
	2009	-	-	164	34	-	62		260	527
	2008	-	-	133	22	-	53		208	1,552
	2007	-	-	113	74	-	40		227	2,514
	2006	-	-	94	41	-	43		178	1,714
	2005	-	-	84	13	-	30		127	2,797

Schedule of Additions by Source (continued from page 96)

Plan	Fiscal Year Ended June 30,	Employer Contri- butions	Transfer of Contri- butions From PRI Fund	Transfer of Assets from Outside the System	Member Contri- butions	Other	Net Investment Income	Net Increase/ (Decrease) in Fair Value of Investments	Total Additions	Employer Contri- butions As a Percent of Covered Payroll
Delaware	2014	\$ 1,561	-	-	166	-	315	1,956	\$ 3,998	-
Volunteer	2013	1,456	-	-	172	-	397	1,033	3,058	-
Firemen's	2012	1,311	-	-	177	-	341	(165)	1,664	-
	2011	1,221	-	-	180	-	317	2,008	3,726	-
	2010	1,191	-	-	181	-	346	785	2,503	-
	2009	1,108	-	-	185	-	377	(1,714)	(44)	-
	2008	1,045	-	-	200	-	142	140	1,527	-
	2007	978	-	-	198	-	167	1,590	2,933	-
	2006	899	-	-	203	-	120	1,100	2,322	-
	2005	810	-	-	213	-	116	772	1,911	-
Diamond	2014	\$ 1,009	-	-	236	-	270	3,342	\$ 4,857	8.6%
State Port	2013	854	-	-	223	-	292	1,692	3,061	7.5%
	2012	814	-	-	216	-	218	94	1,342	6.7%
	2011	704	-	-	209	-	265	2,992	4,170	6.3%
	2010	594	-	-	204	-	164	1,452	2,414	5.3%
	2009	694	-	-	211	-	138	(2,166)	(1,123)	6.3%
	2008	715	-	-	203	-	156	(378)	696	7.0%
	2007	626	-	-	209	-	158	1,465	2,458	5.6%
	2006	703	-	-	226	-	109	967	2,005	6.4%
	2005	352	-	-	173	-	98	662	1,285	4.0%
Closed	2014	\$ 23,064	-	-	-	-	(3)	-	\$ 23,061	-
State Police	2013	23,064	-	-	-	-	(2)	-	23,062	-
	2012	23,064	-	-	2	-	(1)	-	23,065	-
	2011	23,367	-	-	4	-	4	-	23,375	-
	2010	23,367	-	-	6	-	2	-	23,375	-
	2009	21,775	-	-	20	-	24	-	21,819	-
	2008	21,267	-	-	24	1	98	-	21,390	-
	2007	19,159	-	-	35	1	227	-	19,422	-
	2006	20,655	-	-	43	1	78	-	20,777	-
	2005	17,020	-	-	49	1	79	-	17,149	-

Schedule of Deductions by Type (continued from page 97)

Plan	Fiscal Year Ended June 30,	Transfer of Contri- butions from PRI Fund	Transfer of Assets Outside the System	Benefit Payments	Refund of Contri- butions	Burial Benefit Payments	Adminis- trative Expenses	Total Deductions	tal Change Net Assets
Delaware	2014	\$ -	-	1,819	68	-	34	\$ 1,921	\$ 2,077
Volunteer	2013	-	-	1,742	71	-	32	1,845	1,213
Firemen's	2012	-	-	1,660	72	-	30	1,762	(98)
	2011	-	-	1,644	65	-	29	1,738	1,988
	2010	-	-	1,520	99	-	34	1,653	850
	2009	-	-	1,487	65	-	45	1,597	(1,641)
	2008	-	-	1,393	62	-	38	1,493	34
	2007	-	-	1,294	72	-	26	1,392	1,541
	2006	-	-	1,230	56	-	25	1,311	1,011
	2005	-	-	1,172	43	-	20	1,235	676
Diamond	2014	\$ -	-	611	18	-	43	\$ 672	\$ 4,185
State Port	2013	-	-	400	14	-	37	451	2,610
	2012	-	-	366	36	-	27	429	913
	2011	-	-	363	23	-	25	411	3,759
	2010	-	-	342	56	-	29	427	1,987
	2009	-	-	270	24	-	43	337	(1,460)
	2008	-	-	267	16	-	35	318	378
	2007	-	-	269	13	-	31	313	2,145
	2006	-	-	239	24	-	26	289	1,716
	2005	-	-	212	21	-	99	332	953
Closed	2014	\$ -	-	23,196	-	105	46	\$ 23,347	\$ (286)
State Police	2013	-	-	23,118	-	84	47	23,249	(187)
	2012	-	-	22,666	-	140	47	22,853	212
	2011	-	-	22,401	-	63	44	22,508	867
	2010	-	-	22,592	-	91	50	22,733	642
	2009	-	-	21,605	-	70	70	21,745	74
	2008	-	-	21,106	-	84	58	21,248	142
	2007	-	-	20,343	-	40	50	20,433	(1,011)
	2006	-	-	19,676	-	121	54	19,851	926
	2005	-	-	19,234	-	133	46	19,413	(2,264)

# Schedule of Benefit Deductions by Type

(aollar value.	Fiscal Year Ended	ci iii		nefit Deducti	ons				efund eath	Deduct Sepa	tions		
Plan	June 30		Service	Survivor	Disability	Total		Re	funds	Ref	unds	7	<b>Fotal</b>
State Employees	2014	\$ 4	448,106	32,268	20,604	\$ 500,97	78	\$	455	\$ 3	,169	\$ 3	,624
	2013	4	426,144	30,765	21,109	478,01	18		587	3	,053	3	,640
	2012	3	393,801	29,158	20,960	443,91	19		809	3	,215	4	,024
	2011	3	369,593	28,064	20,928	418,58	35		391	2	,597	2	,988
	2010	3	350,695	26,958	21,600	399,25	53		546	2	,553	3	,099
	2009	3	321,214	25,791	22,238	369,24	<b>£</b> 3		426	2	,646	3	,072
	2008	3	300,964	24,430	22,676	348,07	70		441	2	,514	2	,955
	2007	1	281,194	23,346	23,284	327,82	24		591	2	,573	3	,164
	2006	2	255,291	21,931	23,099	300,32	21		367	2	,513	2	,880
	2005	2	229,908	20,211	21,162	271,28	31		349	2	,059	2	,408
Special	2014	\$	16	18	8	\$ 4	í2	\$	-	\$	-	\$	-
	2013		16	23	7	4	<del>1</del> 6		-		-		-
	2012		16	25	7	4	í8		-		-		-
	2011		24	24	8	5	56		-		-		-
	2010		29	25	7	6	61		-		-		-
	2009		38	33	7	7	78		-		-		-
	2008		45	39	7	9	)1		-		-		-
	2007		48	47	7	10	)2		-		-		-
	2006		61	61	7	12	29		-		-		-
	2005		62	54	6	12	22		-		-		-
New State Police	2014	\$	9,337	187	1,067	\$ 10,59	)1	\$	-	\$	21	\$	21
	2013		8,240	184	1,032	9,45	56		2		58		60
	2012		6,781	180	988	7,94	<b>í</b> 9		-		78		78
	2011		5,095	198	920	6,21	13		-		22		22
	2010		4,137	198	847	5,18	32		27		33		60
	2009		2,655	198	809	3,66	62		-		63		63
	2008		1,882	196	804	2,88	32		-		14		14
	2007		1,499	177	569	2,24	<b>£</b> 5		-		15		15
	2006		1,076	140	507	1,72	23		-		44		44
	2005		646	111	497	1,25	54		-		99		99
Judiciary	2014	\$	2,874	596	118	\$ 3,58	38	\$	-	\$	-	\$	-
	2013		2,502	642	117	3,26	61		-		-		-
	2012		2,327	625	115	3,06	67		-		-		-
	2011		2,129	601	114	2,84	14		-		-		-
	2010		2,068	544	114	2,72	26		-		-		-
	2009		2,028	501	114	2,64	<del>1</del> 3		-		15		15
	2008		1,731	495	114	2,34	ί0		-		-		-
	2007		1,761	528	114	2,40	)3		-		-		-
	2006		1,729	505	112	2,34	<del>1</del> 6		-		-		-
	2005		1,605	494	110	2,20	)9		-		-		-

### Schedule of Benefit Deductions by Type (continued)

I	iscal Year									Deductions	_	
ni.	Ended			nefit Deducti			m . 1	1	eath .	Separation	1	M 4 1
Plan Country 8	June 30		Service 2.150	Survivor	Disability 647	ø	Total		efunds	Refunds \$ -	\$	Total
County &	2014	\$	2,159	183		\$	2,989	\$	171		Þ	171
Municipal Police			1,787	179	620		2,586		-	193		193
and Firefighters'	2012		1,516	170	568		2,254		- /2	227		227
	2011		1,386	115	309		1,810		43	73		116
	2010		1,046	66	253		1,365		-	142		142
	2009		745	60	249		1,054		-	177		177
	2008		617	60	159		836		-	267		267
	2007		499	61	155		715		-	128		128
	2006		365	59	143		567		3	150		153
	2005		323	57	144		524		-	235		235
County &	2014	\$	494	28	59	\$	581	\$	77	\$ 1	\$	78
Municipal	2013		383	27	38		448		-	50		50
Other Employees	3' 2012		288	23	34		345		2	51		53
	2011		267	9	25		301		-	64		64
	2010		213	6	17		236		13	17		30
	2009		143	4	17		164		6	28		34
	2008		112	4	17		133		-	22		22
	2007		93	3	17		113		7	67		74
	2006		81	-	13		94		-	41		41
	2005		72	-	12		84		-	13		13
Delaware	2014	\$	1,819	-	-	\$	1,819	\$	52	\$ 16	\$	68
Volunteer	2013		1,742	-	-		1,742		20	51		71
Firemen's	2012		1,660	-	_		1,660		21	51		72
	2011		1,644	-	-		1,644		7	58		65
	2010		1,520	_	_		1,520		13	86		99
	2009		1,483	4	-		1,487		13	52		65
	2008		1,393	-	_		1,393		10	52		62
	2007		1,294	-	_		1,294		-	72		72
	2006		1,230	-	_		1,230		_	56		56
	2005		1,172	-	_		1,172		_	43		43
Diamond	2014	\$	486	76	49	\$	611	\$	13	\$ 5	\$	18
State Port	2013	ψ	284	67	49	Ψ	400	Ψ	1.0	φ <i>j</i>	Ψ	14
Corporation	2013		261	56	49		366		14	22		36
oorporauon	2012		259	55	49		363			18		23
	2011		259	55 49	49				5			56
							342		33	23		
	2009		181	43	46		270		-	24		24
	2008		175	43	49		267		-	16		16
	2007		171	37	61		269		3	10		13
	2006		167	14	58		239		1	23		24
	2005		142	7	63		212		2	19		21

### **Schedule of Benefit Deductions by Type (continued)**

(dollar values expressed in thousands)

	Fiscal Year				I	Refund 1	<b>Deductions</b>	I
	Ended	Be	nefit Deducti	ons		Death	Separation	
Plan	June 30	Service	Survivor	Disability	Total	Refunds	Refunds	Total
Closed State	2014	\$ 16,198	3,688	3,310	\$ 23,196	\$ -	\$ -	\$ -
Police	2013	16,169	3,707	3,242	23,118	-	-	-
	2012	15,781	3,714	3,171	22,666	-	-	-
	2011	15,745	3,547	3,109	22,401	-	-	-
	2010	15,918	3,483	3,191	22,592	-	-	-
	2009	15,249	3,162	3,194	21,605	-	-	-
	2008	14,960	3,025	3,121	21,106	-	-	-
	2007	14,385	2,905	3,053	20,343	-	-	-
	2006	13,881	2,783	3,012	19,676	-	-	-
	2005	13,693	2,537	3,004	19,234	-	-	-

# Schedule of Retired Members by Type of Benefit by Plan

As of June 30, 2013

	<b>Amount of</b>	Number of		Type of Retiremen	t	
	<b>Monthly Benefit</b>	Retirants	Service	Survivor	Disability	
State Employees'	Deferred	3,094	-	-	-	
	\$1 - 499	4,580	2,360	1,559	661	
	500 - 999	4,641	3,103	974	564	
	1,000 - 1,499	3,718	2,933	477	308	
	1,500 - 1,999	2,783	2,433	211	139	
	2,000 - 2,499	2,225	2,052	90	83	
	2,500 - 2,999	1,669	1,570	54	45	
	over \$3,000	3,963	3,853	53	57	
Special	Deferred	-	-	-	-	
	\$1 - 499	6	1	5	-	
	500 - 999	2	-	1	1	
	over \$1,000	1	1	-	-	
New State Police	Deferred	11	-	-	-	
	\$1 - 499	2	2	-	-	
	500 - 999	1	1	-	-	
	1,000 - 1,499	2	1	-	1	
	1,500 - 1,999	-	-	-	-	
	2,000 - 2,499	9	3	-	6	
	2,500 - 2,999	15	10	3	2	
	over \$3,000	144	128	2	14	

### Schedule of Retired Members by Type of Benefit by Plan (continued)

As of June 30, 2013

	<b>Amount of</b>	Number of		<b>Type of Retirement</b>	
	<b>Monthly Benefit</b>	Retirants	Service	Survivor	Disability
Judiciary	Deferred	-	-	-	-
	\$1 - 499	-	-	-	-
	500 - 999	-	-	-	-
	1,000 - 1,499	-	-	-	-
	1,500 - 1,999	1	-	1	-
	2,000 - 2,499	-	-	-	-
	2,500 - 2,999	6	1	5	-
	over \$3,000	38	27	9	2
County & Municipal	Deferred	28	-	-	-
Police and	\$1 - 499	2	2	-	-
Firefighters'	500 - 999	10	7	3	-
_	1,000 - 1,499	5	1	-	4
	1,500 - 1,999	8	3	1	4
	2,000 - 2,499	18	8	3	7
	2,500 - 2,999	24	23	-	1
	over \$3,000	20	13	1	6
County & Municipal	Deferred	27	-	-	-
Other Employees'	\$1 - 499	34	24	8	2
1 7	500 - 999	26	23	2	1
	1,000 - 1,499	6	5	-	1
	1,500 - 1,999	3	2	-	1
	over \$2,000	1	1	-	-
Delaware Volunteer	Deferred	174	-	-	-
Firemen's	\$1 - 74	614	614	-	-
	75 - 99	381	381	-	-
	over \$100	645	645	_	_
Diamond State Port	Deferred	25	-		_
Corporation	\$1 - 499	22	14	8	
Corporation	500 - 999	17	10	5	2
	1,000 - 1,499	7	4	1	2
	1,500 - 1,499	3	3	-	<u>-</u>
	over \$2,000	-	-	-	-
Closed State Police	Deferred	-		-	_
Gioseu siale Fonce	\$1 - 499	-	-	-	-
	\$1 - 499 500 - 999	-	-	-	-
	1,000 - 1,499	-	-	-	-
		2	-	2	-
	1,500 - 1,999	3	-	3	-
	2,000 - 2,499	29	-	24	5
	2,500 - 2,999	76	2	68	6
	over \$3,000	420	345	17	58

# 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, 2013, whose benefits are based on years of service or salary. Accordingly, the Special Pension Plan is not included.

		State 1	Emnlo	2013 yees' Per	nsior	Plan		New S	tate Pa	2013 olice Pens	sion	Plan
<b>Credited Service</b>	R	etirants				isabilities	I	Retirants		eficiaries		
Less than 5 years												
Average Monthly Benefit	\$	678	\$	593	\$	510	\$	13	\$	3,357	\$	2,322
Average Final Salary	\$	19,770	\$	-	\$	52,331	\$	14,160	\$	-	\$	46,507
Number of Active Retirees		29		14		3		2		2		1
5 - 9.99 years												
Average Monthly Benefit	\$	428	\$	214	\$	317	\$	-	\$	2,705	\$	4,104
Average Final Salary	\$	48,823	\$	-	\$	27,355	\$	-	\$	-	\$	42,454
Number of Active Retirees		1,322		453		409		-		1		3
10 - 14.99 years												
Average Monthly Benefit	\$	671	\$	366	\$	576	\$	888	\$	2,947	\$	14,295
Average Final Salary	\$	42,465	\$	-	\$	33,792	\$	88,632	\$	-	\$	64,520
Number of Active Retirees		1,616		532		451		2		1		6
15 - 19.99 years												
Average Monthly Benefit	\$	1,077	\$	539	\$	886	\$	2,569	\$	2,937	\$	14,354
Average Final Salary	\$	45,078	\$	-	\$	37,942	\$	78,595	\$	-	\$	36,835
Number of Active Retirees		2,574		574		382		9		1		9
20 - 24.99 years												
Average Monthly Benefit	\$	1,491	\$	710	\$	1,269	\$	4,182	\$	-	\$	10,645
Average Final Salary	\$	47,894	\$	-	\$	41,582	\$	87,902	\$	-	\$	64,158
Number of Active Retirees		2,879		578		305		70		-		4
25 - 29.99 years												
Average Monthly Benefit	\$	2,120	\$	942	\$	1,808	\$	6,433	\$	-	\$	-
Average Final Salary	\$	52,301	\$	-	\$	40,632	\$	101,309	\$	-	\$	-
Number of Active Retirees		3,626		474		196		54		-		-
30 - 34.99 years												
Average Monthly Benefit	\$	2,800	\$	1,260	\$	2,384	\$	8,173	\$	-	\$	-
Average Final Salary	\$	55,602	\$	-	\$	53,470	\$	110,415	\$	-	\$	-
Number of Active Retirees		4,248		506		81		8		-		-
35 - 39.99 years												
Average Monthly Benefit	\$	3,665	\$	1,773	\$	3,036	\$	-	\$	-	\$	-
Average Final Salary	\$	66,338	\$	-	\$	47,040	\$	-	\$	-	\$	-
Number of Active Retirees		1,593		225		24		-		-		-
40 years and over												
Average Monthly Benefit	\$	4,266	\$	2,097	\$	2,827	\$	-	\$	-	\$	-
Average Final Salary	\$	70,063	\$	-	\$	33,749	\$	-	\$	-	\$	-
Number of Active Retirees		417		62		6		-		-		-

## **Schedule of Average Benefit Payments by Plan (continued)**

	Ju	diciar	2013 ry Pension	Pla	ın			2013 Municipal hters' Pens		
<b>Credited Service</b>	Retirants	Ben	eficiaries	Di	sabilities	Retirants	В	eneficiarie	s I	Disabilities
Less than 5 years										
Average Monthly Benefit	\$ 8,701	\$	-	\$	-	\$ 138	\$	2,295	\$	1,790
Average Final Salary	\$ 72,650	\$	-	\$	-	\$ 42,000	\$	-	\$	38,680
Number of Active Retirees	2		-		-	2		1		3
5 - 9.99 years										
Average Monthly Benefit	\$ -	\$	-	\$	-	\$ 585	\$	2,167	\$	5,097
Average Final Salary	\$ -	\$	-	\$	-	\$ 48,330	\$	-	\$	43,655
Number of Active Retirees	-		-		-	3		2		6
10 - 14.99 years										
Average Monthly Benefit	\$ 5,721	\$	2,422	\$	4,901	\$ 792	\$	561	\$	7,556
Average Final Salary	\$ 124,477	\$	-	\$	48,635	\$ 43,472	\$	-	\$	58,944
Number of Active Retirees	10		3		2	4		3		8
15 - 19.99 years										
Average Monthly Benefit	\$ 4,847	\$	4,084	\$	-	\$ 2,259	\$	5,159	\$	7,114
Average Final Salary	\$ 84,657	\$	-	\$	-	\$ 64,539	\$	-	\$	62,963
Number of Active Retirees	2		1		-	9		1		5
20 - 24.99 years										
Average Monthly Benefit	\$ 8,826	\$	3,643	\$	-	\$ 2,783	\$	-	\$	-
Average Final Salary	\$ 106,845	\$	-	\$	-	\$ 61,722	\$	-	\$	-
Number of Active Retirees	6		5		-	33		-		-
25 - 29.99 years										
Average Monthly Benefit	\$ 10,382	\$	3,806	\$	-	\$ 5,819	\$	1,854	\$	-
Average Final Salary	\$ 130,674	\$	-	\$	-	\$ 96,200	\$	-	\$	-
Number of Active Retirees	3		5		-	5		1		-
30 - 34.99 years										
Average Monthly Benefit	\$ 10,066	\$	-	\$	-	\$ 5,925	\$	-	\$	-
Average Final Salary	\$ 168,593	\$	-	\$	-	\$ 82,213	\$	-	\$	-
Number of Active Retirees	4		-		-	1		-		-
35 - 39.99 years										
Average Monthly Benefit	\$ 11,033	\$	-	\$	-	\$ -	\$	-	\$	-
Average Final Salary	\$ 168,844	\$	-	\$	-	\$ -	\$	-	\$	-
Number of Active Retirees	1		-		-	-		-		-
40 years and over										
Average Monthly Benefit	\$ -	\$	4,882	\$	-	\$ -	\$	-	\$	-
Average Final Salary	\$ -	\$	-	\$	-	\$ -	\$	-	\$	-
Number of Active Retirees	-		1		-	-		-		-

### **Schedule of Average Benefit Payments by Plan (continued)**

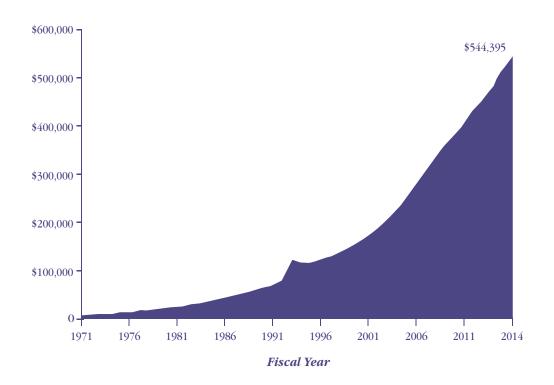
				2013 & Munici yees' Pen	_			Delaw		2013 Olunteer I Usion Plan	
<b>Credited Service</b>	R	etirants	Bene	eficiaries	Di	isabilities	R	etirants	Ben	eficiaries	Disabilities
Less than 5 years											
Average Monthly Benefit	\$	154	\$	38	\$	-	\$	-	\$	-	\$ -
Average Final Salary	\$	23,366	\$	-	\$	-	\$	-	\$	-	\$ -
Number of Active Retirees		2		1		-		-		-	-
5 - 9.99 years											
Average Monthly Benefit	\$	398	\$	79	\$	184	\$	-	\$	-	\$ -
Average Final Salary	\$	60,576	\$	-	\$	24,070	\$	-	\$	-	\$ -
Number of Active Retirees		24		4		1		-		-	-
10 - 14.99 years											
Average Monthly Benefit	\$	641	\$	231	\$	375	\$	60	\$	-	\$ -
Average Final Salary	\$	61,909	\$	-	\$	24,099	\$	-	\$	-	\$ -
Number of Active Retirees		13		3		1		692		-	-
15 - 19.99 years											
Average Monthly Benefit	\$	750	\$	579	\$	-	\$	85	\$	-	\$ -
Average Final Salary	\$	37,755	\$	-	\$	-	\$	-	\$	-	\$ -
Number of Active Retirees		7		1		-		317		-	-
20 - 24.99 years											
Average Monthly Benefit	\$	1,162	\$	697	\$	1,204	\$	110	\$	-	\$ -
Average Final Salary	\$	57,673	\$	-	\$	24,241	\$	-	\$	-	\$ -
Number of Active Retirees		6		1		2		280		-	-
25 - 29.99 years											
Average Monthly Benefit	\$	-	\$	-	\$	1,368	\$	125	\$	-	\$ -
Average Final Salary	\$	-	\$	-	\$	57,632	\$	_	\$	-	\$ -
Number of Active Retirees		-		-		1		351		-	-
30 - 34.99 years											
Average Monthly Benefit	\$	1,994	\$	-	\$	-	\$	_	\$	-	\$ -
Average Final Salary	\$	68,641	\$	-	\$	-	\$	_	\$	-	\$ -
Number of Active Retirees		3		-		-		_		-	-
35 - 39.99 years											
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -
Average Final Salary	\$	_	\$	-	\$	-	\$	_	\$	-	\$ -
Number of Active Retirees		-		-		-		-		-	-
40 years and over											
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	-	\$	-	\$ -
Average Final Salary	\$	_	\$	-	\$	-	\$	_	\$	-	\$ -
Number of Active Retirees		-		-	-	-		-		-	-

### **Schedule of Average Benefit Payments by Plan (continued)**

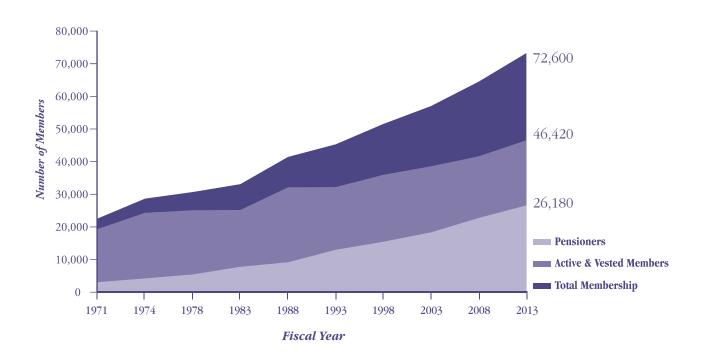
	2013 Diamond State Port Corporation Pension Plan						2013 Closed State Police Pension Plan					
<b>Credited Service</b>		Retirants		Beneficiaries		Disabilities		tirants	Beneficiaries		Disabilities	
Less than 5 years												
Average Monthly Benefit	\$	-	\$	201	\$	-	\$	-	\$	2,809	\$	3,142
Average Final Salary	\$	-	\$	-	\$	-	\$	-	\$	-	\$	22,172
Number of Active Retirees		-		2		-		-		2		3
5 - 9.99 years												
Average Monthly Benefit	\$	374	\$	275	\$	1,213	\$	-	\$	5,358	\$	9,738
Average Final Salary	\$	23,196	\$	-	\$	24,000	\$	-	\$	-	\$	25,793
Number of Active Retirees		7		3		1		-		3		19
10 - 14.99 years												
Average Monthly Benefit	\$	661	\$	478	\$	990	\$	-	\$	5,498	\$	10,241
Average Final Salary	\$	49,197	\$	-	\$	25,500	\$	-	\$	-	\$	28,825
Number of Active Retirees		11		4		2		-		11		22
15 - 19.99 years												
Average Monthly Benefit	\$	845	\$	188	\$	-	\$	-	\$	6,977	\$	16,430
Average Final Salary	\$	77,660	\$	-	\$	-	\$	-	\$	-	\$	47,695
Number of Active Retirees		9		1		-		-		7		15
20 - 24.99 years												
Average Monthly Benefit	\$	1,170	\$	632	\$	-	\$	3,611	\$	2,666	\$	10,080
Average Final Salary	\$	49,325	\$	-	\$	-	\$	63,167	\$	-	\$	51,154
Number of Active Retirees		3		2		-		278		86		10
25 - 29.99 years												
Average Monthly Benefit	\$	1,892	\$	665	\$	917	\$	4,618	\$	2,639	\$	-
Average Final Salary	\$	72,187	\$	-	\$	34,585	\$	85,305	\$	-	\$	-
Number of Active Retirees		1		1		1		50		3		-
30 - 34.99 years												
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	5,335	\$	-	\$	-
Average Final Salary	\$	-	\$	-	\$	-	\$	94,307	\$	-	\$	-
Number of Active Retirees		-		-		-		19		-		-
35 - 39.99 years												
Average Monthly Benefit	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Average Final Salary	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Number of Active Retirees		-		-		-		-		-		-
40 years and over												
Average Monthly Benefit	\$	-	\$	1,082	\$	-	\$	-	\$	-	\$	-
Average Final Salary	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-
Number of Active Retirees		-		1		-		-		-		-

# Total Benefit Payments Chart

expressed in thousands



## Total Membership Chart



## Schedule of Participating Employers

### State Employees' Pension Plan (established 1970)

State of Delaware, which includes:

Delaware Department of Finance, State Lottery Office

Delaware Department of Transportation

Delaware Solid Waste Authority (1986)

Delaware State University

Delaware Technical & Community College

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

### **Closed State Police Plan (established 1970)**

Delaware State Police (Appointed before July 1, 1980)

### New State Police Plan (established 7/1980)

Delaware State Police (Appointed after July 1, 1980)

### **Judiciary Pension Plans (established 1970)**

Appointed members of the State Judiciary

### Diamond State Port Corporation Plan (established 1996)

Diamond State Port Corporation Employees

### County & Municipal Police and Firefighters' Plans

Town of Bethany Beach (7/2006)

Town of Blades (1/2011)

Town of Bridgeville (2/2009)

Town of Camden (7/2003)

Town of Cheswold (9/2002)

Town of Clayton (7/2006)

Town of Dagsboro (7/1989)

Town of Delmar (7/1990)

Town of Dewey Beach (5/1991)

City of Dover (7/1985)

Town of Elsmere (7/2011)

Town of Felton (1/2001)

Town of Fenwick Island (8/2007)

Town of Georgetown (7/1990)

Town of Greenwood (7/2010)

City of Harrington (7/1989)

Town of Laurel (1/2006)

Town of Lewes (7/2008)

Town of Middletown (1/2007)

City of Milford (1/2005)

Town of Millsboro (7/1999)

Town of Milton (10/2003)

City of New Castle (7/1995)

New Castle County (2/1993)

Town of Newport (8/2005)

Town of Ocean View (5/2003)

Town of Rehoboth Beach (4/2005)

Town of Seaford (12/2008)

Town of Selbyville (2/2012)

Town of South Bethany (7/2005)

City of Wilmington (8/1991)

Town of Wyoming (5/2003)

### County & Municipal Other Employees' Plan

Town of Bethany Beach (7/2006)

Town of Blades (1/2011)

Bowers/Frederica EMS (7/2009)

Town of Camden (10/2006)

Town of Cheswold (9/2002)

Cheswold Fire Company (7/2007)

Town of Clayton (7/2004)

Cranston Heights Fire Company (1/2013)

Delaware City Fire Company (7/2002)

Elsmere Fire Company (8/2007)

Felton Fire Company (7/2000)

Town of Felton (4/2006)

Five Points Fire Company (10/2007)

Town of Georgetown (7/1990)

Good-Will Fire Company (7/2002)

City of Harrington (7/2002)

Harrington Fire Company (7/1999)

Kent Conservation District (11/2002)

Lewes Fire Company (7/2002)

Town of Laurel (7/2009)

City of Milford (1/2005)

Mill Creek Fire Company (1/2007)

Town of Millsboro (7/1999)

Millville Fire Company (11/2003)

Town of Milton (10/2003)

City of New Castle (7/1995)

Town of Newport (7/2004)

Town of Ocean View (5/2003)

Port Penn Fire Co. (11/2003)

Riverfront Development Corp. (7/2006)

Town of Selbyville (2/2012)

Town of South Bethany (5/2003)

Sussex Conservation District (7/1987)

Talleyville Fire Company (7/2009)

Townsend Fire Company (7/1999)

Volunteer Hose Co. of Middletown (5/1998)

City of Wilmington (7/2011)

Town of Wyoming (5/2003)

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#### **Delaware Local Gov't Retirement Investment Pool**

Town of Elsmere (3/2002) Town of Newport (2/2005) Sussex County Government (12/1996)

### **County & Municipal COLA Fund**

City of Dover (1991) Town of Elsmere (2011) Town of New Castle (1996) New Castle County (1993) City of Wilmington (1992)

#### Delaware Volunteer Firemen's Pension Plan (established 1987)

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. Wilmington Manor Fire Co. & Auxiliary Port Penn Volunteer Fire Co. 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. & Auxiliary 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 Mid-Sussex Rescue Squad Georgetown Volunteer Ambulance Service

**Pension Office Programmatic Goal** is to maintain comprehensive and responsive systems for benefits and funds management, which helps retain a quality workforce and provides a secure and supportive retirement commitment.

