

# **MainePERS**

Maine Public Employees Retirement System

For the Fiscal Year Ended

June 30, 2014



### **Maine Public Employees Retirement System**

A Component Unit of the State of Maine

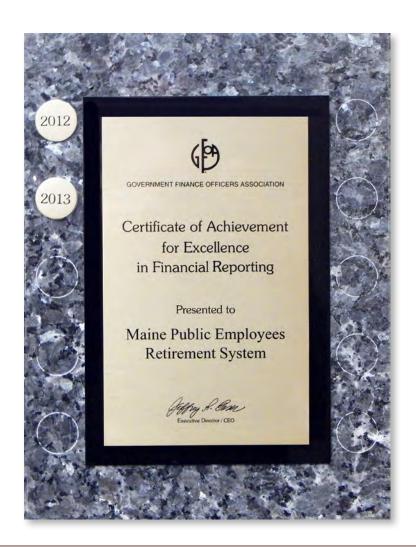
P.O. Box 349, Augusta, Maine 04332-0349

# Comprehensive Annual Financial Report

For the fiscal year ended June 30, 2014

This report has been produced as required by 5 M.R.S.A. §17102 (10), which states that the Maine Public Employees Retirement System must publish an annual report showing "the fiscal transactions of the retirement system for the fiscal year and the assets and liabilities of the retirement system at the end of the fiscal year; and the actuary's report on the actuarial valuation of the financial condition of the retirement system for the fiscal year."

This report was prepared by the Financial, Administrative and Investment staff of the Maine Public Employees Retirement System. Costs for producing this report were paid from the operating budget of the Maine Public Employees Retirement System. This CAFR is printed and also made available online. We respect the environment by printing on recycled paper and using soy-based inks—for a cleaner, healthier planet.





Public Pension Coordinating Council

# Recognition Award for Funding 2014

Presented to

### Maine Public Employees Retirement System

In recognition of meeting professional standards for plan funding 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

## **MainePERS Comprehensive Annual Financial Report**

For the fiscal year ended June 30, 2014

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# INTRODUCTORY SECTION





Sandra J. Matheson, Executive Director

John C. Milazzo, General Counsel

and Chief Deputy Executive Director

**BOARD OF TRUSTEES** 

Peter M. Leslie, Chair Benedetto Viola, Vice Chair Shirrin L. Blaisdell Neria R. Douglass, State Treasurer, ex-officio Richard T. Metivier

Brian H. Noyes Catherine R. Sullivan Kenneth L. Williams

### LETTER OF TRANSMITTAL

### December 19, 2014

In accordance with the requirements of 5 M.R.S.A. §17102, I am pleased to present the Comprehensive Annual Financial Report ("CAFR" or "Annual Report") of the Maine Public Employees Retirement System ("MainePERS" or the "System") for the fiscal year ended June 30, 2014. This CAFR, taken as a whole, provides information on all aspects of the System. It is written to conform to Governmental Accounting Standards Board (GASB) requirements. Management of the System takes full responsibility for the accuracy, completeness and fairness of the representations made in this report.

Baker, Newman, and Noyes, LLC, Certified Public Accountants, have issued an unqualified opinion on the MainePERS' financial statements for the year ended June 30, 2014. The independent auditors' report is located at the front of the financial section.

Management's discussion and analysis (MD&A) immediately follows the independent auditors' report and provides a narrative introduction, overview and analysis of the basic financial statements. MD&A complements this letter of transmittal and should be read in conjunction with it.

### FUNDING OF SYSTEM PROGRAMS

The System administers six retirement plans, often referred to as "programs." In addition, the System operates a Group Life Insurance Program (GLI) and a program of defined contribution retirement plans under sections 401(a), 403(b) and 457(b) of the Internal Revenue Code, collectively referred to as MaineSTART. The System also manages the Retiree Health Insurance Post Employment Investment Trust on behalf of the State of Maine. The Trust is an irrevocable trust established for the purpose of accumulating assets to provide funding for the State's liability for retiree health benefits.

The System's defined benefit retirement plans, or programs, are the dominant element in its financial activities and position. The four major programs are the State and Teacher's Retirement Program, the Judicial Program, the Legislative Program and the Participating Local District Retirement Program.

The System also administers two pay-as-you-go retirement programs, one for judges who retired prior to the establishment of the Judicial Retirement Program in 1984 and the other for former governors and their surviving spouses. The programs are funded each biennium by a direct appropriation from the Legislature and, in the case of the active governor, by employee contributions required by statute.

The basic defined benefit retirement plan equation provides that, over the long term, contributions plus investment earnings must be equal to benefits. While investment market performance affects plan funding requirements, it does not affect benefits owed in the future.

The return on invested contributions has historically supplied a significant amount of the benefit funding resources of defined benefit plans. In periods when the investment markets provide lower returns than expected, the resulting funding shortfall has historically been made up by a combination of increased employer contributions and investment market returns in other periods that exceed expectations. For this reason, the performance of the investment markets is a significant factor affecting the financial activities or position of the System, and the effects of market performance flow through to contributions made by participating employers.

As with all actuarially-funded defined benefit plans, the System uses actuarial methods and procedures that integrate short-term market behavior with the long-term time horizon of the plan. One of these methods is "smoothing" of investment results which moderates the volatility of employer contribution requirements.

The interplay of liabilities (i.e., the obligation to pay benefits) and assets (i.e., contributions and investment earnings on contributions) can be observed in changes in the programs' actuarial funded ratios over time. The funded ratio of the State Employee and Teacher Program had improved steadily and consistently since the mid-1980s until 2008. High negative



investment returns in years 2008 and 2009 adversely affected the funding ratio. Fiscal years 2010 and 2011 experienced strong investment returns, and in combination with changes to Plan provisions, the funding ratio improved. Break-even returns in fiscal year 2012, combined with increased deductions for benefits, contributed to a modest decrease in the funding ratio that year. Strong investment returns in fiscal years 2013 and 2014 contributed to an increase in funding ratio to 77.6 percent and 81.3 percent, respectively. This compares to a funding ratio for this plan at June 30, 2012 of 76.9 percent.

The funded ratio of the Judicial Program has in recent years been above 100 percent. The funded ratio as of June 30, 2012 was 107.3 percent, and as of June 30, 2013 it was 97.5 percent. In fiscal year 2014, the funded ratio of the plan increased to 101.6 percent. This increase was due primarily to strong investment returns.

The funded ratio of the Legislative Program has also been above 100 percent, and continues to be this year. As of June 30, 2014, the funded ratio was 143.6 percent, compared to 142.2 percent at June 30, 2013 and 149.3 percent at June 30, 2012.

The funded ratio of the Participating Local Districts (PLDs) Program including consolidated and withdrawn PLDs was 91.2 percent as of June 30, 2014. This compares to 88.4 percent as of June 30, 2013 and 88.8 percent as of June 30, 2012.

Information regarding overall funding progress appears in the MD&A beginning on page 20. More information on the funding levels of all of the System's retirement programs can be obtained from the System.

The System's defined contribution plans, collectively called MaineSTART, had 66 participating employers with 914 participants at June 30, 2014. This program provides an important supplement for our defined benefit participants and a valuable alternative for other participants. MaineSTART offers a family of funds from Vanguard designed to be very low cost and easy for participants to manage. The investment strategy for these assets is determined by each participant.

The Group Life Insurance Program is funded by premiums paid by its participants and the employers of those participants, and by investment returns on the Group Life Insurance Program assets. The investment strategy for these assets is a similar strategy to the strategy employed for the defined benefit plan assets.

The Retiree Health Insurance Post Employment Investment Trust is funded through direct appropriations from the State of Maine.

### **INVESTMENTS**

The focal point of the investment policy is the mix of investment types in which assets are invested and the allocation of assets among asset classes. The System's Board of Trustees (Board) is responsible for establishing the policy that is the framework for investment of the programs' assets. The Board employs in-house investment professionals and outside investment consultants to advise it on investment matters, including policy.

The defined benefit program had a return of 16.7% while the group life insurance program had a return of 18.6% for fiscal year 2014. Total value of the defined benefit portfolio increased to \$12.7 billion at June 30, 2014 from \$11.2 billion at June 30, 2013. This increase in the total value of the portfolio is due to strong equity market returns over the prior year.

The current asset allocation was modified in December 2012 to increase investments in alternative strategies such as private equity, infrastructure, and hard assets.

The Board's choice of asset classes reflects its assessment of expected investment return and the nature, level, and management of risk. The defined benefit plans assets perform two functions; they collateralize the benefits owed to participants, and they provide investment earnings. All benefit payments must eventually be funded from contributions or from investment earnings.

### HIGHLIGHTS OF THE PAST YEAR

In the spring of 2014, we began planning for a new version of the integrated pension benefits information and operating system which was first put into operation in fiscal year 2012. This project is expected to take several years to complete and will provide for more robust reporting capabilities as well as the introduction of a member self-service portal for active members and retirees.

### **ACKNOWLEDGEMENTS**

Once again, we are pleased to inform you that for the tenth consecutive year, the System was awarded the Certificate of Achievement for Excellence in Financial Reporting by the Government Finance Officers Association (GFOA). In order to be awarded a Certificate of Achievement, a governmental unit must publish an easily readable and efficiently organized Comprehensive Annual Financial Report ("CAFR"), with contents that meet or exceed program standards. We are extremely proud that we are recognized for handling and accounting for retirement funds in a manner that satisfies generally accepted accounting practices and all applicable legal requirements. We fully expect to be in compliance with all of the Certificate of Achievement Program requirements into the future. This 2014 CAFR will also be submitted to the GFOA.

The System, through its management staff, is responsible for establishing and maintaining an internal control structure that is designed to provide reasonable assurance that assets are protected from theft, fraud, or misuse and that financial recordkeeping is complete and accurate. The concept of reasonable assurance recognizes that the cost of a control should not exceed the benefits likely to be derived and that the valuation of costs and benefits requires estimates and judgments by management. Management believes that the existing internal controls accomplish these objectives. Management is also responsible for the completeness, accuracy and fair presentation of financial information and for all disclosures. This responsibility notably encompasses the System's financial statements themselves, including the amounts therein that, necessarily, are based on estimates and judgments.

The preparation of this report has been a collaborative effort of Executive Management, the Accounting and Finance Department, the Investment Department and the Communications Department. The System takes responsibility for all of the information contained in the report and confidently presents it as a basis for the many decisions of the Board of Trustees, staff, and others who will rely on it.

I am joined in transmitting this Comprehensive Annual Financial Report to all of our constituencies by the System's Director of Finance.

Respectfully submitted,

Sandra J. Matheson Executive Director Sherry Tripp Vandrell Director of Finance



### Appendix A to Letter of Transmittal

### **OVERVIEW OF THE SYSTEM**

The Maine Public Employees Retirement System (MainePERS) is an independent public agency of the State of Maine that traces its history to 1942. By the authority granted to it by the Maine Legislature, the System administers retirement programs that cover State employees, the State's public school teachers, judges, legislators, and employees of the 299 municipalities and other public entities, called "participating local districts" (PLDs) that have chosen to provide retirement plans to their employees through MainePERS. The System is also responsible for the payment of retirement and survivors' benefits to former governors and their surviving spouses and to judges who retired prior to the establishment of the Judicial Retirement Program in 1984. In addition, the System administers a Group Life Insurance Program that provides or makes available life insurance benefits for active and retired System members and for the employees of a few PLDs for whom MainePERS administers only the Group Life Insurance Program. The System also administers defined contribution plans for some PLD employees.

### **Board of Trustees**

Responsibility for the operation of the Maine Public Employees Retirement System rests with the System's Board of Trustees, which is comprised of eight members. State law specifies the Board's composition. Each trustee is subject to the legislative confirmation process. Three trustees are System members, one of whom is proposed and elected by the Maine Education Association, one of whom is proposed and elected by the Maine State Employees Association, and one of whom is a PLD member appointed by the governing body of the Maine Municipal Association. Four other trustees are appointed by the Governor. Of these, one must be selected by the Governor from a list of nominees submitted by the Maine Retired Teachers Association and one must be a MainePERS retiree selected from a list of nominees submitted by State and/or PLD retirees. The remaining two appointees are direct gubernatorial appointments, both of whom must be qualified through training or experience in investments, accounting, banking or insurance or as actuaries. All appointed trustees are required to have "a working knowledge of retirement policy and legal issues and a general knowledge and understanding of banking, finance, and investment practices." The eighth trustee is the State Treasurer, who serves ex-officio. All trustee terms are three years, except for the two-year term of the State Treasurer. The Board annually elects its chair and vice chair from among its members.

The MainePERS Trustees serve as Trustees of the State and Teacher, Judicial and Legislative Retirement Programs as well as for the PLD Consolidated Program and the Retiree Health Insurance Post-Employment Benefits Investment Trust.

The Board contracts for the services of an actuary to prepare annual valuations of the assets and liabilities of each of the retirement programs administered by the System. The actuary also provides information and recommendations as to sound and appropriate actuarial assumptions, which are utilized, together with valuation information, to determine the programs' funding requirements. The System's actuary in fiscal years 2013 and 2014 was Cheiron, Inc.

The Board's management of MainePERS investments is embodied in its investment policy. The policy states the Board's underlying investment objectives, sets out the investment strategies intended to realize the objectives, and establishes guidelines and criteria for implementation of the strategies. The Board has engaged Strategic Investment Solutions, Inc. to advise it on the investment policy and the carrying out of the investment program.

The Board is the final administrative decision maker in matters involving the rights, credits, and benefits of members. It has established an administrative appeals process for the making of such decisions; in this process relevant factual information and legal requirements are identified and analyzed by independent Hearing Officers who serve under contract. In decisions on disability retirement appeals, statutorily established medical boards and individual medical advisors provide recommendations as to the medical aspects of disability. The Board's final administrative decisions are appealable to the Maine Superior Court.

### Administration

The Office of the Executive Director has administrative responsibility for all aspects of the System and its operations. The Executive Director oversees all actuarial work and investments, and has administrative responsibility for the internal audit function. Actuarial work is carried out with the assistance of an actuary; investment operations are carried out with the assistance of the System's Chief Investment Officer and staff, one or more investment consultants, investment managers and other appropriate advisors. In addition, the Office performs the executive functions of the System and has day-to-day responsibility for legal and legislative matters, appeals, federal, state, and local governmental relations, planning, organizational development, accounting and financial reporting, and numerous special projects.

The Department of Service Programs administers the service and disability retirement programs, MaineSTART defined contribution plans, employer programs, survivor benefit and group life insurance programs. The Department is the System's primary contact for members, participating employers, and benefit recipients.

### Appendix A to Letter of Transmittal

The Department of Administration is responsible for most administrative and support functions, including information technology supports, communications, facilities, and human resources.

The System's primary responsibility is the administration of defined benefit retirement plans. Retirement and related benefits provided by MainePERS include:

- service retirement benefits, that provide retirement income to qualified members;
- disability retirement benefits, that provide income to a member who becomes disabled under MainePERS law while the member is in service and before the member retires; and
- death benefits that are paid to a member's designated beneficiaries.

Administration of these programs includes financial administration, investments, recordkeeping of members' work and compensation data, and provision of retirement-related services to members, employers, and retirees.

The System also administers the MaineSTART defined contribution retirement plans that are established under sections 401(a), 403(b), and 457(b) of the Internal Revenue Code. These plans are presently available to employees of those employers in the PLD Consolidated Plan that have adopted one or more of the plans.

The System itself and all of its programs are established by and operate within the scope of Maine statutes. The operation of the System's defined benefit retirement plans is also governed by provisions of the Maine Constitution, not all of which apply to all of the plans.

### **Membership and Contributions**

State employees and teachers are covered under the Maine Public Employees Retirement System's State Employee and Teacher Retirement Program. State employees are required by law to become members of MainePERS when hired. There is an exception to this rule for elected and appointed officials, for whom membership is optional. Public school teachers, other than substitute teachers, for whom membership is also optional, must also become members of MainePERS when hired. PLD employees become members of MainePERS when they are hired if their employer participates as a PLD in MainePERS at that time and if they meet the membership eligibility requirements in effect when they are hired. For some PLD employees, membership is optional. These employees include those employed by their PLD before the PLD joined MainePERS, those whose employers provide Social Security under a federal law, elected and appointed officials, and chief administrative officers.

The Legislative Retirement Program, also administered by MainePERS, was established to provide a retirement program for those serving in the Maine Legislature. Except as provided otherwise by statute, membership in the Maine Legislative Retirement Program is mandatory for legislators entering service on or after December 3, 1986.

The Judicial Retirement Program was established to provide a retirement program for Maine's judges. Membership in the Judicial Retirement Program is a condition of employment for all judges serving on or after December 1, 1984.

All members of the System contribute a percentage of their compensation to the System. Each employer also contributes to the System an amount for the normal costs of the programs that is a percentage of total wages paid to members who are employees of that employer.

Prior to July 1, 2013 the State paid the normal cost employer contributions and unfunded actuarial liability contributions on behalf of all State employee and teacher members. As of July 1, 2013, teacher employers began paying the normal cost employer contributions on behalf of those teacher members they employed while the state continued to pay toward the unfunded actuarial liability associated with teacher members. The employer contribution percentages are actuarially determined by plan and vary from year to year.

Employer normal cost contributions, along with current member contributions, support benefits currently being earned by active members. The State's unfunded actuarial accrued liability (UAAL) contribution is a payment on the amortized debt that represents the liability for benefits in excess of the amount supported by assets of the System. The Maine Constitution requires that the UAAL be fully funded in not more than 31 years from July 1, 1997. The amortization period at the end of FY 2014 is 14 years, requiring full payment of the UAL by the end of FY 2028.

### Appendix A to Letter of Transmittal

The System also administers pay-as-you-go retirement programs for judges who retired prior to the establishment of the Judicial Retirement Program in 1984 and former governors and their surviving spouses. The programs are funded each biennium by a direct appropriation from the Legislature and, in the case of the active governor, by employee contributions required by statute.

The Group Life Insurance Program is provided or made available to all State employees, public school teachers, and employees of those PLDs who elect to offer this coverage to their employees, as well as to members of the Legislative and Judicial Retirement Programs. Basic coverage for the employee is equal to the employee's annual base compensation rounded up to the next \$1,000; supplemental coverage for the employee and coverage for dependents are also available.

Further details regarding program and plan provisions can be found elsewhere in this report in the actuarial valuation for each program.

### **Financial Reporting**

Beginning in fiscal year 2008, the System began drawing the funds formerly provided by the State of Maine to support its operating expenses directly from the trust funds. In the past, the State, as employer, contributed a certain amount for the System's administrative costs. Total operating expenses for staff and all other costs of operations, with the exception of certain investment related expenses required by law to be paid directly from investments, are allocated among the System's three employer/employee groups (i.e. State employees (including for this purpose judges and legislators), teachers, and PLDs). The System's administrative budget is approved annually by the Board of Trustees, and is reported to the Legislature.

The System's financial statements have been prepared in accordance with generally accepted accounting principles applied on a consistent basis, in accordance with the standards and requirements of the Governmental Accounting Standards Board (GASB). The financial statements are presented in accordance with GASB Statement No. 67, Financial Reporting for Pension Plans, GASB Statement No. 34, Basic Financial Statements - Management's Discussion and Analysis for State and Local Governments, and, with respect to the Group Life Insurance Program, GASB Statement No. 43, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans. Financial information presented throughout this Report is consistent with the financial statements. The financial statements are prepared on the accrual basis of accounting.

The System has an Internal Audit program, staffed by one internal auditor. This program focuses on a plan of in-depth audits of internal controls in all of the departments at the System. The internal auditor presents audit reports to both management and the Audit Committee of the Board of Trustees.

The independent auditor, Baker Newman Noyes (BNN), has conducted an audit of the financial statements in accordance with, as stated in its audit report, generally accepted auditing standards and including those tests and procedures BNN deemed necessary to express its opinion in its audit report.

The auditors have unrestricted access to the Board and the Board's Audit Committee to discuss the audit and their findings with respect to the integrity of the System's financial reporting and adequacy of the System's internal controls.

The System reports three defined benefit pension plans including two multiple-employer cost sharing plans (the State Employee and Teacher Plan and the PLD Consolidated Plan) and an agent multiple employer plan which is an aggregation of single employer plans of those PLDs that elected not to join the consolidated cost sharing plan. The Judicial and Legislative Programs are included with the State Employee and Teacher Plan for financial reporting purposes. Separate actuarial valuations are performed for each of the retirement programs that the System administers; contributions, inflows, and benefits payments are separately tracked and recorded, and separate trust fund balances are attributed to each such program. The System reports the Group Life Insurance Program and the MaineSTART Defined Contribution plans as separate plans. The System's financial statements, notes thereto and required supplementary information are prepared accordingly.

### BOARD OF TRUSTEES, MANAGEMENT STAFF, and PRINCIPAL PROFESSIONAL CONSULTANTS June 30, 2014

### **BOARD OF TRUSTEES**

Peter M. Leslie, Chair Governor's direct appointee

Benedetto Viola, Vice Chair Maine State Employees Association appointee by election

Shirrin L. Blaisdell Governor's appointee, from recommendations by retired employees

Neria R. Douglass State Treasurer, ex-officio

Richard Metivier Maine Municipal Association appointee

Brian H. Noyes Governor's direct appointee

Catherine R. Sullivan Governor's appointee from Maine Education Association - Retired

Kenneth L. Williams Maine Education Association appointee by election

### SENIOR ADMINISTRATIVE STAFF

Sandra J. Matheson Executive Director

John C. Milazzo General Counsel and Chief Deputy Executive Director

Andrew H. Sawyer, CFA, CAIA Chief Investment Officer

Rebecca A. Grant Deputy Executive Director

Sherry Tripp Vandrell Director of Finance

Marlene McMullen-Pelsor Manager, Employer and Ancillary Services

Kathy J. Morin Manager, Actuarial and Legislative Affairs

### PRINCIPAL PROFESSIONAL CONSULTANTS

Actuary: Cheiron, Inc.

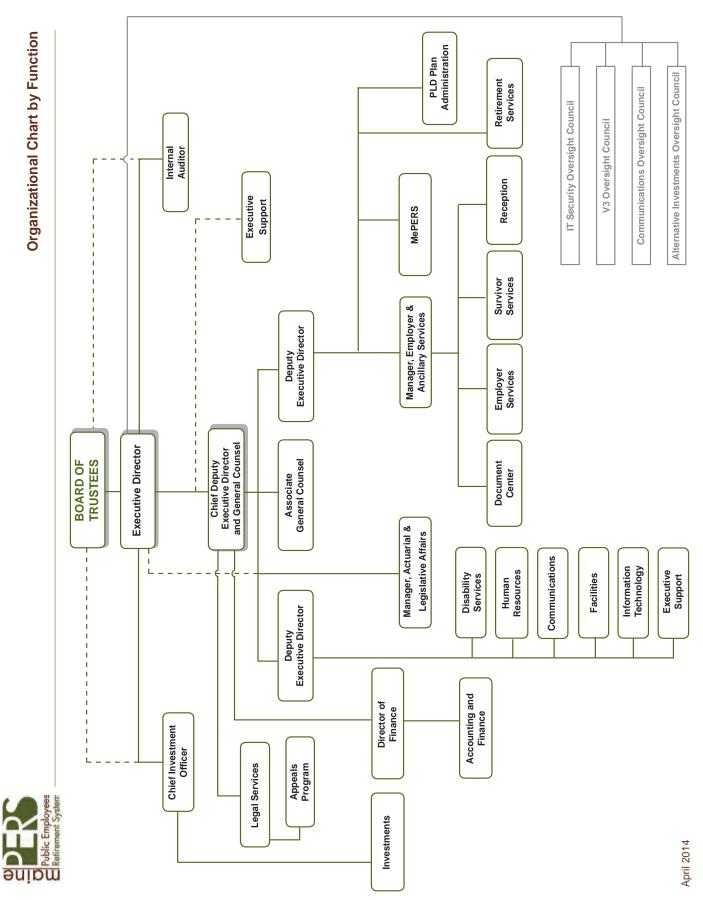
Investment Consultant: Strategic Investment Solutions, Inc.

Auditors: Baker Newman & Noyes, LLC

Internal Auditor: John F. Fleming

See page 74 for a list of professional investment management firms.

# Organizational Chart by Function



### 2014 Legislative Update

# LEGISLATION ENACTED IN THE SECOND REGULAR SESSION OF THE 126TH LEGISLATURE

### An Act to Expand the Number of Qualified Educators

PL 2013, c. 486 [L.D. 39] Effective Date: August 1, 2014

This bill amends the restoration to service provisions that apply to "classroom-based employees" who have reached normal retirement age and who retire after September 1, 2011. The bill also establishes a working group to review the impact that the restoration to service provisions enacted in 2011 has had on employers and to report out the group's findings and recommendations, including any proposed legislation, no later than January 8, 2015.

# An Act to Update Statutory Dates for the Government Evaluation Act Review of Agencies

PL 2013, c. 505 [L.D. 1800] Effective Date: August 1, 2014

This bill updates the date on which various agencies are reviewed under the State Government Evaluation Act. As enacted, MainePERS is scheduled for its next review in 2021.

### An Act to Increase the Base for the Cost-of-living Increase for Retired State Employees and Teachers

PL 2013, c. 578 [L.D. 232] Effective Date: April 29, 2014

This bill increases the base for the calculation of the one-time, noncumulative cost-of-living adjustment payment in 2014 from \$20,000 to \$30,000. This increase applies only to the 2014 one-time payment and does not change the \$20,000 limitation that applies to cumulative cost-of-living adjustments.

### An Act to Correct Errors and Inconsistencies in the Laws of Maine

PL 2013, c. 588 [L.D. 1841] Effective Date: April 30, 2014

This bill was introduced to correct errors and inconsistencies throughout the laws of Maine. Included in this bill are technical changes to the laws that govern the Participating Local District Retirement Program. These changes were requested by MainePERS.

continued on next page

### **2014 Legislative Update** (continued)

# An Act to Implement Recommendations Contained in the State Government Evaluation Act Review of the Maine Public Employees Retirement System

PL 2013, c. 602 [L.D. 1806] Effective Date: August 1, 2014

This bill implements the recommendations contained in the State Government Evaluation Act review of MainePERS. It contains three parts:

- Part A clarifies that the Board may combine the assets of the State Employee and Teacher Retirement Program with the assets of other programs for investment purposes but that those assets may not be combined for benefit purposes or for administrative expenses. MainePERS requested that this language be enacted into law.
- Part B adds emergency medical services persons to the categories of participating local district employees that can be included in a special plan, if a participating local district so elects.
- Part C requires the MainePERS Executive Director to establish a task force to make recommendations to the Board on an environmental, social and governance (ESG) policy. The task force must report the recommendations made and any resulting action taken by the Board to the Legislature by January 15, 2015.

# An Act to Review the Laws Governing Retirement Benefits for Certain State Employees

P&S 2013, c. 30 [L.D. 1175] Effective Date: August 1, 2014

This bill directs MainePERS to determine the number of active members currently in the 1998 Special Plan who also have covered capacity service in a regular plan and to determine the cost if all of the regular plan service were treated as service under the 1998 Special Plan. By January 15, 2015, the System is required to report that information to the Legislature, along with any implementing legislation necessary to allow the service to be treated under the 1998 Special Plan.



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# FINANCIAL SECTION



### BAKER NEWMAN NOYES

### INDEPENDENT AUDITORS' REPORT

The Board of Trustees

Maine Public Employees Retirement System

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

We have audited the accompanying financial statements of Maine Public Employees Retirement Systen1 (the System), a component unit of the State of Maine, which comprise the statement of fiduciary net position as of June 30, 2014 and related statement of changes in fiduciary net position for the year then ended, 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 accounting principles generally accepted in the United States of America; 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 an opinion on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free 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 net position of the System as of June 30, 2014 and changes in net position for the year then ended, in accordance with accounting principles generally accepted in the United States of America.

### **Emphasis of Matter**

As discussed in note 2 to the financial statements, the System adopted Government Auditing Standards Board (GASB) Statement No. 67, Financial Reporting for Pension Plans and Amendment of GASB Statement No. 25, for the year ended June 30, 2014. Our opinion is not modified with respect to this matter.

Baker Newman & Noves, LLC

The Board of Trustees
Maine Public Employees Retirement System

### Other Matters

### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the Management's Discussion and Analysis and required supplementary information as listed in the table of contents 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 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 accompanying additional supplementary information as listed in the table of contents is presented for purposes of additional analysis and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The 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 additional supplementary information is fairly stated in all material respects in relation to the basic financial statements as a whole.

### **Report on Summarized Comparative Information**

We have previously audited the System's 2013 financial statements, and we expressed an unmodified audit opinion on those audited financial statements in our report dated October 31, 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.

Portland, Maine October 31, 2014 Baker Newman & Noyes
Limited Liability Company

### Introduction

This Management Discussion and Analysis (MD&A) is prepared by the management staff of the Maine Public Employees Retirement System (MainePERS or the System) for the purpose of providing an overview of the System's financial statements.

### **Financial Reporting Structure**

The System's financial statements are prepared on an accrual basis of accounting in accordance with Governmental Accounting Standards Board (GASB) pronouncements. The accrual basis of accounting requires the recognition and recording of financial transactions and other related events when they occur and not just in conjunction with the inflows and outflows of cash and other resources.

The funds managed by the System are held in trust and, consistent with state and federal law, can only be used for the payment of pension and related benefits to its members or, in the case of the Retiree Health Insurance Trust Fund, for the payment of retiree health insurance premiums for eligible retirees of the State of Maine. The System's Board of Trustees, as fiduciary, establishes the System's investment policies and oversees their overall implementation.

The System has historically reported as an agent multiple employer pension plan, aggregating the financial activity of all defined benefit pension plans for financial reporting purposes in its basic financial statements. Legislation enacted in 2014 provided clarification regarding plan structure and the System began reporting three separate plans beginning with this report. These plans include the State Employee and Teacher Plan, a multiple-employer cost sharing plan with a special funding situation; the PLD Consolidated Plan, a multiple-employer cost sharing plan; and the PLD Agent Plan, an agent multiple-employer plan.

### **Basic Financial Statements**

The Statement of Fiduciary Net Position reports the balance of Net Position restricted for future benefits as of the fiscal year end, with comparative values reported as of the previous fiscal year end. The Statement of Changes in Fiduciary Net Position reports the net change in Net Position for the fiscal year, with comparative values reported for the previous fiscal year. The System reports the State Employee and Teacher Retirement Plan, the PLD Consolidated Plan, the PLD Agent Plan, the Defined Contribution (DC) Plans, the Group Life Insurance (GLI) Plan, the MainePERS OPEB Trust and the Retiree Health Insurance Trust as separate funds and in separate columns in the financial statements. Condensed versions of both statements are included in the following section.

The Schedules of Changes in the Plan's Net Pension Liability and Related Ratios (Required Supplementary Information) presents the total pension liability and information indicating the source of changes in the liability for each multiple-employer cost sharing defined benefit retirement plan administered by the System. In addition, the Schedules show summary information regarding each Plan's net position for the years presented. The Schedule also presents each Plan's net pension liability as a percentage of the covered payroll of all members.

The Schedules of Employers' Contributions (Required Supplementary Information) presents the actuarially determined contributions for each multiple-employer cost sharing plan and compares them to actual employer contributions for the period presented. It also provides the actual contributions as a percentage of covered payroll for each year.

The Schedule of Funding Progress for the Group Life Insurance Plan (Required Supplementary Information) compares the actuarial value of plan assets with actuarial liabilities, as of actuarial valuation dates over a period of six years, and presents the unfunded actuarial accrued liability (UAAL). The Schedule also presents the actuarial funded ratio and the UAAL as a percentage of covered payroll of all participants.

The Schedule of Employers' Contributions for the Group Life Insurance Plan (Required Supplementary Information) presents the annual required contributions as defined by GASB for all employers participating in MainePERS group life insurance plan and compares them to actual employer contributions, over a period of six years. It also provides the percentage of the required to actual contributions for each year.

### **Financial Highlights and Analysis**

The Net Position of the System increased in fiscal year 2014 by \$1,605.8 million (14%) from the prior year's Net Position. This increase was due primarily to a significant increase in Net Income from investment activities during fiscal year 2014, and in part to a normal increase in employer contributions. For fiscal year 2014, Net Income from investment activities was \$1,943.5

(continued)

million. By comparison, Net Income from investment activities during fiscal year 2013 was \$1,191.9 million. As of June 30, 2014, approximately 32% of the System's assets were invested in domestic common stocks, 26% in foreign common stocks, 24% in domestic bonds, 7% in real estate, 5% in other strategies, 3% in infrastructure, and 3% in private equity, either with direct holdings or through investment in common/collective trusts.

The Net Position of the System increased in fiscal year 2013 by \$835.3 million (8%) from the prior year's Net Position. This increase was due primarily to a significant increase in Net Income from investment activities during fiscal year 2013. For fiscal year 2013, Net Income from investment activities was \$1,191.9 million. By comparison, Net Income from investment activities during fiscal year 2012 was \$56.0 million. As of June 30, 2013, approximately 35% of the System's assets were invested in domestic common stocks, 24% in foreign common stocks, 25% in domestic bonds, 6% in real estate, 5% in opportunistic strategies, 3% in infrastructure, and 2% in private equity, either with direct holdings or through investment in common/collective trusts.

The following are the Condensed Comparative Statements of Fiduciary Net Position and Condensed Comparative Statements of Changes in Fiduciary Net Position for the System for the fiscal years ended June 30, 2014, 2013, and 2012:

Condensed Comparative Statements of Fiduciar (Dollar Values Expressed in Millions)	1,100,000					
	Jur	ne 30, 2014	Jur	e 30, 2013	Jur	ne 30, 2012
Cash and Receivables	\$	55.2	\$	55.1	\$	175.0
Investments at Fair Value		13,179.7		11,568.5		10,610.3
Securities Lending Collateral		260.2		1,484.2		812.2
Other Assets		8.7		8.9		10.9
Total Assets	\$	13,503.8	\$	13,116.7	\$	11,608.4
Investment Management Fees Payable	\$	6.2	\$	5.2	\$	3.8
Other Liabilities		281.6		1,501.3		829.6
Total Liabilities	\$	287.8	\$	1,506.5	\$	833.4
Fiduciary Net Position - Held in Trust	\$	13,216.0	\$	11,610.2	\$	10,775.0

		ne 30, 2014	Jun	e 30, 2013	June 30, 201	
ADDITIONS (SUBTRACTIONS):						
Member Contributions	\$	163.2	\$	160.8	\$	161.7
Employer Contributions		205.3		153.1		142.2
Non-Employer Contributing Entities		142.3		148.8		146.6
Net Investment and Other Income		1,943.5		1,191.9		56.0
Total Additions (Subtractions)	\$	2,454.3	\$	1,654.6	\$	506.5
DEDUCTIONS:						
Benefits	\$	805.9	\$	783.0	\$	735.4
Other		42.6		36.4		55.9
Total Deductions	\$	848.5	\$	819.4	\$	791.3
Net Increase (Decrease)	\$	1,605.8	\$	835.2	\$	(284.8)
Fiduciary Net Position - Held in Trust, Beginning of Year	\$	11,610.2	\$	10,775.0	\$	11,059.8
Fiduciary Net Position - Held in Trust, End of Year	S	13,216.0	S	11,610.2	S	10,775.0

(continued)

### **Assets**

Investments at Fair Value increased by \$1,611.2 million (14%). This increase in Investments at Fair Value combined with a decrease of \$1,224 million in securities lending collateral, contributed to an increase in total assets of \$387.1 million during fiscal year 2014. The System records the cash collateral it holds due to its securities lending activity as an asset and corresponding liability. Securities lending activity decreased by \$1,224 million (82%) due to structural changes implemented by the MainePERS staff regarding acceptable utilization rates. The System's custodian records an Investment Purchase or Sale Receivable between the time it enters into a trade and the time that trade is settled. There were no major trades pending at fiscal year end.

Comparatively, Investments at Fair Value increased in fiscal year 2013 by \$958.2 million (9%). This increase in Investments at Fair Value combined with a decrease of \$119.9 million in cash and receivables and an increase of \$672.0 million in securities lending collateral, contributed to an increase in total assets of \$1,508.3 million during fiscal year 2013. The System records the cash collateral it holds due to its securities lending activity as an asset and corresponding liability. Securities lending activity increased by \$672.0 million (83%) due to higher utilization rates. The System's custodian records an Investment Purchase or Sale Receivable between the time it enters into a trade and the time that trade is settled. The receivable for outstanding trades at June 30, 2013 was approximately \$75 million less than at June 30, 2012, since there were no major trades pending at fiscal year end.

Please refer to the Investment Section for more information on the System's investments.

### Liabilities

The System's custodian records an Investment Purchase or Sale between the time it enters into a trade and the time that trade is settled. At June 30, 2014, trades outstanding totaled \$.1 million. The System records the cash collateral it holds due to its securities lending activity as an asset and corresponding liability. On June 30, 2014, total loans outstanding in the securities lending program were \$253.6 million.

Trades outstanding at June 30, 2013 totaled \$.2 million. At June 30, 2012 there was one outstanding trade for approximately \$75 million. On June 30, 2013 and 2012, the total loans outstanding in the securities lending program were \$1,449.9 million and \$792.4 million, respectively.

### Additions to Net Position Restricted for Benefits

Additions to net position restricted for benefits during fiscal year 2014 totaled \$2,454.3 million compared to additions of \$1,654.6 million to net position in fiscal year 2013. This was largely due to the fact that investment income net of fees and other deductions increased by \$751.6 million. The increase in investment income is primarily attributable to positive returns in the equity markets. US equities rose nearly 25% and international equities were up 22%, while fixed income rose nearly 4%.

Additions to net position restricted for benefits during fiscal year 2013 totaled \$1,654.6 million compared to additions of \$506.5 million to net position in fiscal year 2012. This was largely due to the fact that investment income net of fees and other deductions increased by \$1,135.9 million. The increase in investment income is primarily attributable to positive returns in the equity market. US equities rose nearly 22% and international equities were up 14%, while fixed income fell by 2%.

### **Pension Contributions**

The State's contributions on behalf of State employees totaled \$109.6 million, \$86.4 million, and \$87.3 million for fiscal years 2014, 2013, and 2012, respectively. The State's contributions on behalf of teachers totaled \$142.3 million, \$148.8 million, and \$146.6 million, for fiscal years 2014, 2013, and 2012, respectively. The State's contribution on behalf of judges totaled \$915.2 thousand, \$811 thousand, and \$810.7 thousand, for fiscal years 2014, 2013, and 2012, respectively. Based on the funding methodology used and considering the funded status of the Maine Legislative Retirement Plan, no employer contribution on behalf of Legislative employees was required in fiscal years 2014, 2013 or 2012.

The balance of employer contributions reported are from Participating Local District (PLD) employers. For PLDs in the Consolidated Plan, the range of employer contributions as a percent of earnable compensation in fiscal year 2014 was 3.4% to 12.8%; for fiscal year 2013 the range was 2.8% to 12.2%, and for fiscal year 2012 the range was 1.9% to 8.3%. The Consolidated Plan's funded status and established funding approach results in employers of the Consolidated Plan currently paying less than what the true normal cost would otherwise require. The employer rates are being incrementally increased over time to a point where true normal cost will be collected.

(continued)

Member and employer data, contribution and benefit data for the 13 non-consolidated PLDs are specific to each PLD and are obtainable from the System.

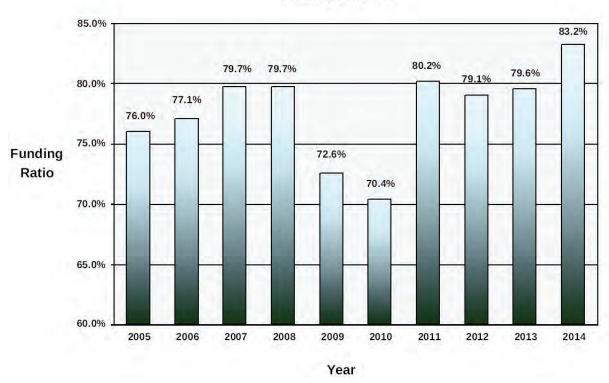
### **Deductions From Net Position Restricted for Benefits**

Total deductions from net position restricted for benefits during fiscal year 2014 increased by 4% (\$29.1 million). The fiscal year 2014 increase was due to an increase in the number of recipients receiving benefits, as well as the increased cost of benefits paid and refunds and withdrawals of contributions. Benefit payments in fiscal year 2014 exceeded contributions by \$295.1 million. Contributions totaled \$510.8 million, and benefit payments totaled \$805.9 million.

Total deductions from net position restricted for benefits during fiscal year 2013 increased by 4% (\$28.1 million). The fiscal year 2013 increase was due to an increase in the number of recipients receiving benefits, as well as the increased cost of benefits paid and refunds and withdrawals of contributions. Benefit payments in fiscal year 2013 exceeded contributions by \$320.3 million. Contributions totaled \$462.7 million, and benefit payments totaled \$783 million.

### **System Funding Status**

### **Funding Progress**

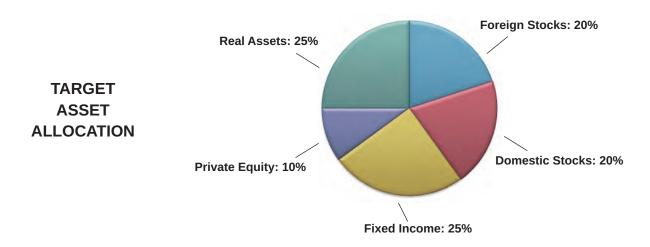


At June 30, 2014, the State/Teacher and PLD defined benefit plans were actuarially funded at 83.2%, an increase from the actuarial funding level of 79.6% at June 30, 2013. As illustrated in the chart, the actuarial funded ratio of the System experienced modest incremental increases in 2005, 2006, and in 2007 to a high of 79.7%. This level remained steady for 2008, followed by two consecutive significant declines in 2009 to 72.6% and in 2010 to 70.4%. The 2009 decline was due primarily to low returns in the investment market downturn. In 2010, investment markets and returns improved, although not enough to offset the prior years' investment declines. Significant improvement in investment returns in 2011, combined with a decrease in the overall unfunded liabilities of the plan resulting from changes in assumptions adopted following the completion of an experience study in 2011, pushed the funding level to a high of 80.2% for this year. Modest investment returns combined with increased deductions from the plan for benefits, contributed to the decrease in 2012. The increase in the funded ratio for 2013 and 2014 is attributable to strong investment returns during those years.

(continued)

### **Investments**

The assets of all the defined benefit retirement plans that the System administers are commingled for investment purposes. Investments of the Group Life Insurance Plan and the Retiree Health Insurance Trust are invested following the same Target Asset Allocation but are not commingled with the assets of the defined benefit retirement plans.



Essentially all of the assets administered by the System in its investment portfolio are currently invested in seven asset classes: publicly traded domestic stocks, publicly traded foreign stocks, cash and cash-like securities, publicly traded domestic bonds, infrastructure, private equity, and real estate. Publicly traded derivative securities are used in some portfolios to emulate one or more of the seven asset classes. The investment policy established by the System's Board of Trustees in 2012 assigns strategic target allocations for each of four asset categories. These targets are 20% for domestic stocks, 20% for foreign stocks, 25% for fixed income, 10% for private equity, and 25% for real assets. Real assets include infrastructure (10%), real estate (10%), and hard assets (5%). The Board of Trustees anticipates it may take three to five years to fully reach the new asset allocation targets.

All of the assets invested by the System are in portfolios managed by professional investment management firms. These managers act as fiduciaries and invest the assets assigned to them in accordance with the Board's investment policy and their separate contractual arrangements. At June 30, 2014, total fair value of assets in these portfolios (together with the amounts otherwise managed) was \$13.2 billion. The total fair value of assets as of June 30, 2013 was \$11.6 billion. The investment return for the fiscal year ending June 30, 2014 was 16.7%. The investment return for the fiscal year ending June 30, 2013 was 11.1%. Investment returns in fiscal year 2014 were more than in fiscal year 2013, and were driven primarily by the strong performance in global equity markets. Over the five, ten and thirty year periods ended June 30, 2014, the average annual investment return for the total fund was 12.2%, 6.9%, and 9.5%, respectively.

### **System Membership**

The following membership counts are derived from actuarial valuation data:

	June 30		Percentage	
	2014	2013	change	
Current active participants:				
Vested and nonvested	50,782	53,191	-4.5%	
Terminated participants				
Vested	9,656	8,951	7.9%	
Retirees and beneficiaries receiving benefits	41,135	40,162	2.4%	
Total Membership	101,573	102,304	-0.7%	

(continued)

The number of active State employees at June 30, 2014 in the Regular and Special plans was 12,906, a decrease of 322 from June 30, 2013. The number of Teachers at June 30, 2014 was 26,763, a decrease of 1,818 from June 30, 2013. Membership for judges was 60, the same as the previous year. Membership for Legislators was 181, a decrease of 1 from June 30, 2013. The Consolidated Plan for Participating Local Districts (PLDs) offers 11 retirement plans. Each PLD participating in the Consolidated Plan chooses the plan or plans under which its employees will be covered. Total active membership in the Consolidated Plan and the 13 non-consolidated plans at June 30, 2014 was 10,872, a decrease of 268 from June 30, 2013.

### **Group Life Insurance Plan**

The following summarized data is derived from actuarial valuation data for the Group Life Insurance Plan:

Group Life Insurance Plan Actuarial (Dollar Values Expressed in Millions)			
	J	lune 30	
	2014	2013	2012
Actuarial Value of Assets	\$92.1	\$76.2	\$66.4
Actuarial Liability	\$186.7	\$180.9	\$173.9
Unfunded Actuarial Liability	\$94.6	\$104.7	\$107.5

### **Defined Contribution Plans**

The Section 401(a), Section 457, and Section 403(b) Plans administered by the System's Board of Trustees are defined contribution plans. These plans are available as supplemental plans to the basic retirement benefits of employees of PLDs that elect to participate in the Defined Contribution Plans. Contributions may be made to the Plans subject to plan and Internal Revenue Code limitations. Investments in the Defined Contribution Plans are individually directed and controlled by plan participants.

### **Retiree Health Insurance Trust Fund**

The Maine State Legislature established the Retiree Health Insurance Post Employment Investment Trust as an irrevocable trust for the sole purpose of holding and investing funds appropriated or otherwise provided to the Fund for the purpose of accumulating assets to provide funding to the State's unfunded liability obligations for retiree health benefits. The Trustees of the Maine Public Employees Retirement System were named Trustees of the Investment Trust Fund. At June 30, 2014, the fiduciary net position held in trust for the Fund was \$189,832,853.

### **Currently Known Facts, Decisions, or Conditions**

Legislation passed in 2011 froze regular COLAs for eligible retirees in the State Employee, Teacher, Judicial, and Legislative plans for a period of three years beginning in 2011. The same legislation provided for potential non-cumulative cost-of-living adjustments (COLAs) for those three years to be paid in 2012, 2013, and 2014 dependent on the availability of budget surpluses in each prior fiscal year. The State of Maine closed its fiscal year 2014 with a budget surplus sufficient to cover the cost of the third and final of these payments and MainePERS distributed these funds to eligible retirees in September 2014.

The Maine Legislature enacted Public Law 390, An Act to Amend the Retirement Laws Pertaining to Participating Local Districts, during the First Regular Session of the 126th Legislature. The law requires changes to member contribution rates, reduces the cap for cost of living increases from 4% to 3%, and increases the normal retirement age from age 60 to age 65 for new members, among other things. Additional information regarding the changes and effective dates can be found on the System's website at www.mainepers.org.

### **Requests for Information**

Questions concerning this Management Discussion and Analysis, other parts of the System's financial statements or the System's financial activities should be directed to Maine Public Employees Retirement System, Sherry Tripp Vandrell, Director of Finance, at PO Box 349, Augusta, Maine 04332 or at (207) 512-3100 or toll-free at (800) 451-9800.

# STATEMENT OF FIDUCIARY NET POSITION June 30, 2014

With Summarized Information as of June 30, 2013

		State Employee/ Teacher Plan		PLD Consolidated Plan	A	PLD gent Plan
Assets:	Φ.	00.050.404	Φ.	4 000 040	Φ.	0.4.400
Cash and cash equivalents (note 3)	\$	26,853,484	\$	4,082,919	\$	84,406
Investments at fair value (notes 3 and 4):  Debt securities:						
U.S. Government and government agencies						
U.S. and foreign corporate		_		_		_
Common equity securities		3,212,369,203		744,129,753	,	L1,304,271
Preferred equity securities		5,212,303,203		744,129,735	-	-
Common/collective trusts		5,835,822,798		1,398,177,722	2	20,536,159
Mutual funds		214,829,656		49,764,248	_	755,982
Partnerships		1,110,315,401		257,199,180		3,907,181
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Total investments		10,373,337,058		2,449,270,903	3	36,503,593
Receivables:						
State and local agency contributions and						
premiums (notes 6 and 7)		14,229,674		4,385,073		61,218
Accrued interest and dividends		3,552,900		823,012		12,503
Due from brokers for securities sold	_	80,301	_	18,601	_	283
Total receivables		17,862,875		5,226,686		74,004
Collateral on loaned securities (note 5)		210,679,757		48,802,944		741,378
Capital assets, net of accumulated depreciation	_	7,059,256	_	1,635,242	_	24,841
Total assets		10,635,792,430		2,509,018,694	3	37,428,222
Liabilities:						
Accounts payable		5,011,783		1,160,955		17,636
Due to brokers for securities purchased		431,708		100,003		1,519
Other liabilities		7,053,632		1,633,940		24,822
Accrued investment management fees		6,666,147		1,544,181		23,458
Obligations under securities lending activities						
(note 5)	_	210,679,757	_	48,802,944	_	741,378
Total liabilities	_	229,843,027	_	53,242,023	_	808,813
Fiduciary net position - held in trust	\$_	10,405,949,403	\$_	2,455,776,671	\$ <u>3</u>	36,619,409

See accompanying notes.

# STATEMENT OF FIDUCIARY NET POSITION June 30, 2014

### With Summarized Information as of June 30, 2013

(continued)

	roup Life Isurance		Defined atribution		ePERS <u>B Trust</u>		tiree Health urance Trust		2014 <u>Total</u>		2013 Summarized (Restated, See Note 2)
\$	216,885	\$	35,073	\$	_	\$	_	\$	31,272,767	\$	31,108,267
	_		_		_		_		_		2,378,810
	_		_		_		_		_		977,545
	_		_		_		_		3,967,803,227		3,828,278,697
	_		_		_		_		_		1,959,830
9	4,313,176	24	4,939,133	11,	447,671	1	89,937,303		7,575,173,962		6,707,944,366
	_		_		_		_		265,349,886		238,333,341
_		_						_	1,371,421,762	_	788,653,709
9	4,313,176	24	1,939,133	11,	447,671	1	89,937,303		13,179,748,837		11,568,526,298
	004 400		04 000						10.000.100		40,000,050
	631,432		61,063		_		_		19,368,460		18,830,950
	_		_		_		_		4,388,415		4,931,834
		_						_	99,185	_	229,771
	631,432		61,063		_		_		23,856,060		23,992,555
	_		_		_		_		260,224,079		1,484,238,413
_								_	8,719,339	_	8,930,108
9	5,161,493	25	5,035,269	11,	447,671	1	89,937,303		13,503,821,082		13,116,795,641
	20,872								6,211,246		5,236,391
	20,072								533,230		209,337
	2,963,176		5,965		771,595		90,030		12,543,160		11,547,554
	10,293		5,505		834		14,420		8,259,333		5,315,831
	10,233				004		17,720		0,233,333		3,313,031
_		_						_	260,224,079	-	1,484,238,413
	<u>2,994,341</u>		5,965		772,429		104,450	_	287,771,048	_	1,506,547,526
\$ <u>9</u>	2,167,152	\$ <u>25</u>	5,029,304	\$_10,	675,242	\$ <u>1</u>	89,832,853	\$_	13,216,050,034	\$_	11,610,248,115

# STATEMENT OF CHANGES IN FIDUCIARY NET POSITION Year Ended June 30, 2014

With Summarized Information for the Year Ended June 30, 2013

		State Employee/ Teacher Plan		PLD Consolidated Plan	A	PLD Agent Plan
Additions:						
Investment income:						
From investing activities:						
Net appreciation in the fair						
value of plan investments	\$	1,456,128,076	\$	344,616,880	\$	5,336,114
Interest		52,857		12,422		194
Dividends		102,386,170		23,717,260		360,295
Less: investment expenses	_	(33,279,424)	_	(7,727,068)	_	(122,321)
Net income from investing activities		1,525,287,679		360,619,494		5,574,282
From securities lending activities:						
Securities lending income		1,209,815		280,248		4,257
Securities lending expenses:						
Borrower rebates refunded		1,353,109		313,441		4,762
Management fees	_	(379,919)	_	(88,006)	_	(1,337)
Total securities lending expenses	_	973,190	_	225,435	_	3,425
Net income from securities lending activities	_	2,183,005	-	505,683	-	7,682
Total net investment income		1,527,470,684		361,125,177		5,581,964
Contributions and premiums (notes 6 and 7):						
Members		121,700,845		33,210,510		94,136
State and local agencies		163,856,225		32,706,160		667,846
Non-employer contributing entities		142,303,104		-		-
Total contributions	_	427,860,174	_	65,916,670	_	761,982
		.=.,				
Total additions		1,955,330,858		427,041,847		6,343,946
Deductions:						
Benefits paid, net		671,034,883		121,559,257		2,702,486
Refunds and withdrawals		21,693,233		5,602,101		1,897,634
Claims processing expenses (note 7)		_		_		_
Administrative expenses		8,296,396		1,779,304		27,981
Total deductions		701,024,512		128,940,662		4,628,101
Net increase in fiduciary net position		1,254,306,346		298,101,185		1,715,845
Fiduciary net position – held in trust,						
beginning of year		9,151,643,057		2,157,675,486		34,903,564
	_		_		_	
Fiduciary net position – held in trust, end of year	\$_	10,405,949,403	\$_	2,455,776,671	\$_	36,619,409

### STATEMENT OF CHANGES IN FIDUCIARY NET POSITION Year Ended June 30, 2014

# With Summarized Information for the Year Ended June 30, 2013 (continued)

Group Life Insurance	Defined Contribution	MainePERS OPEB Trust	Retiree Health Insurance Trust	2014 <u>Total</u>	2013 Summarized (Restated, See Note 2)
\$ 14,808,409 364 - (44,990) 14,763,783	\$ 3,289,578 203 - (79,473) 3,210,308	\$ 1,805,962 - - (5,390) 1,800,572	\$ 29,617,797 - - (53,201) 29,564,596	\$ 1,855,602,816 66,040 126,463,725 (41,311,867) 1,940,820,714	\$ 1,090,338,039 4,493,543 123,904,595 (31,372,622) 1,187,363,555
_	_	_	_	1,494,320	5,030,284
				1,671,312 (469,262) 1,202,050 2,696,370	288,735 (797,734) (508,999) 4,521,285
14,763,783	3,210,308	1,800,572	29,564,596	1,943,517,084	1,191,884,840
4,708,184 7,950,385 ————————————————————————————————————	3,505,423 109,515 ———————————————————————————————————	6,108 	29,564,596	163,219,098 205,296,239 142,303,104 510,818,441 2,454,335,525	160,779,494 153,066,339 148,833,840 462,679,673 1,654,564,513
10,273,054 	2,032,458 - 112,015 2,144,473 4,680,773	278,933 - - - - 278,933 1,527,747	- - - 90,030 90,030 29,474,566	805,848,613 31,225,426 835,215 10,624,352 848,533,606 1,605,801,919	782,972,911 24,669,562 701,421 10,958,749 819,302,643 835,261,870
76,171,695	20,348,531	9,147,495	160,358,287	11,610,248,115	10,774,986,245
\$ <u>92,167,152</u>	\$ <u>25,029,304</u>	\$ <u>10,675,242</u>	\$ <u>189,832,853</u>	\$ <u>13,216,050,034</u>	\$ <u>11,610,248,115</u>

### NOTES TO FINANCIAL STATEMENTS June 30, 2014 and 2013

### 1. Overview of the Maine Public Employees Retirement System Benefit Plans

### Background

The Maine Public Employees Retirement System (the System), which is a component unit of the State of Maine, is the administrator of a public employee retirement system established and administered under the Laws of the State of Maine. The System was formerly named the Maine State Retirement System. The System provides pension, disability, and death benefits to its members, which include employees of the State, public school teachers (as defined by Maine law) and employees of 299 local municipalities and other public entities (Participating Local Districts, or PLDs) in Maine, each of which contracts for participation in the System under provisions of the relevant statutes.

Individual PLDs are permitted by law to withdraw from participation in the System. Withdrawal precludes the PLD's nonmember employees, if any, and its employees hired subsequent to withdrawal from membership in the System. Depending on the circumstances and requirements of the PLD's participation under the System, a withdrawn PLD has continuing funding obligations after withdrawal with respect to its employees who are active members at the time of withdrawal and who continue to be members thereafter, to its terminated vested employee members, and to its former employee members who are retired at the time of withdrawal.

### **Board of Trustees**

The System's Board of Trustees is comprised of eight members. State law specifies the composition of the Board, whose members are confirmed by the Legislature. Three trustees are System members, one of whom is proposed and elected by the Maine Education Association, one of whom is proposed and elected by the Maine State Employees Association, and one of whom is a PLD member appointed by the governing body of the Maine Municipal Association. Four other trustees are appointed by the Governor. Of these, one must be selected by the Governor from a list of nominees submitted by the Maine Retired Teachers Association and one must be a MainePERS retiree selected from a list of nominees submitted by State and/or PLD retirees. The remaining two appointees are direct gubernatorial appointments, both of whom must be qualified through training or experience in investments, accounting, banking or insurance or as actuaries. All appointed trustees are required to have "a working knowledge of retirement policy and legal issues and a general knowledge and understanding of banking, finance, and investment practices." The eighth trustee is the State Treasurer, who serves ex-officio. All trustee terms are three years, except for the two-year term of the State Treasurer. The Board annually elects its chair and vice chair from among its members.

### **Defined Benefit Plans**

Pension funds managed by the System are constitutionally restricted and held in trust for the payment of pension and related benefits. The System's Board of Trustees, in its fiduciary capacity, establishes the System's investment policies and oversees their overall implementation. The System administers three defined benefit pension plans including the State Employee and Teacher Plan, including members of the Judicial, Legislative, and Governor's Plans, the PLD Consolidated Plan, and the PLD Agent Plan. The System maintains separate reserves and accounts and performs separate actuarial valuations for each pension plan. Additional information regarding each plan can be found in Note 6 of this report.

### Group Life Insurance Plan

The Group Life Insurance Plan was established by the State Legislature to provide group life insurance benefits, during active service as well as in retirement, to State employees, Teachers, members of the Judiciary and the Legislature, as well as Elected and Appointed Officers of the State, that are eligible for membership in the System. Group Life Insurance benefits are also provided to the employees of PLDs that elect to participate in the Group Life Insurance Plan. Employees are eligible for coverage under the Plan, subject to their membership in one or more of the aforementioned eligible employment classes and any other conditions of eligibility that the Board of Trustees of the System may prescribe by rule or decision.

Group Life Insurance funds managed by the System are held in trust for the payment of benefits to participants and/or their beneficiaries. The System's Board of Trustees, in its fiduciary capacity, establishes the System's investment policies and oversees their overall implementation. The System maintains separate reserves and accounts for each of the employment classes and a single actuarial valuation for the plan is performed that provides separate data for each of the five classes.

# NOTES TO FINANCIAL STATEMENTS June 30, 2014 and 2013 continued

At June 30, 2014, the Group Life Insurance participant counts are as follows:

		Group Life Insurance Participants								
	<u>State</u>	<u>Teachers</u>	<u>Judges</u>	<u>Legislators</u>	<u>PLD</u>	<u>Total</u>				
Actives Retirees	11,821 <u>8,446</u>	13,829 <u>6,545</u>	58 _ 41	_ 10	5,486 2,673	31,194 17,715				
	20,267	20,374	99	10	8,159	48,909				

### **Defined Contribution Plans**

The Section 401(a), Section 457 and Section 403(b) Plans administered by the System's Board of Trustees are defined contribution plans. These plans are available as supplemental plans to the basic retirement benefits of employees of PLDs that elect to participate in the Defined Contribution Plans. Contributions may be made to the Plans by plan participants subject to plan and Internal Revenue Code limitations. At June 30, 2014, participation in the defined contribution plans was as follows:

	<u>401(a) Plan</u>	<u>457 Plan</u>	403(b) Plan
Employers	10	55	1
Participants	76	508	330

Investments in the Defined Contribution Plans are individually directed and controlled by plan participants.

### MainePERS OPEB Trust

The MainePERS OPEB Trust is an irrevocable trust established for the purpose of accumulating assets to provide funding for retiree health benefits and life insurance in retirement for qualified individuals who retire from the Maine Public Employees Retirement System. The Trustees of the Maine Public Employees Retirement System were named Trustees of the MainePERS OPEB Trust.

### Retiree Health Insurance Trust Fund

The Maine State Legislature established the Retiree Health Insurance Post Employment Investment Trust as an irrevocable trust formed solely to hold and invest funds appropriated or otherwise provided to the Fund for the purpose of accumulating assets to provide funding to the State's unfunded liability obligations for retiree health benefits. The Trustees of the Maine Public Employees Retirement System were named Trustees of the Investment Trust Fund.

### 2. Summary of Significant Accounting Policies

### **Basis of Accounting**

The System's financial statements are prepared using the accrual basis of accounting.

### Adoption of GASB Statement No. 67

The System adopted GASB Statement No. 67, Financial Reporting for Pension Plans – an Amendment of GASB Statement No. 25 for the year ended June 30, 2014. This statement required changes to the content of pension plans' financial statements and footnotes, as well as required supplemental information. The footnotes now provide more information about investments. The required supplemental information now provides more detail about the changes in net pension liability and investment rates of return. The Statement also prescribes certain methods of computing net pension liability.

### NOTES TO FINANCIAL STATEMENTS June 30, 2014 and 2013

In addition, the System began presenting the MainePERS OPEB Trust as a separate trust fund in the financial statements. Prior to adopting Statement No. 67, the fund had been combined with the Group Life Insurance Plan and the net position was previously shown as "other liabilities" to reflect that the MainePERS OPEB Trust assets were not available to participants in the Group Life Insurance Plans. The effect of this change was to reduce liabilities at June 30, 2013 by \$9,147,495 and increase fiduciary net position by the same amount.

### **Comparative Summarized Information**

The financial statements include certain prior-year summarized comparative information in total but not by fund. Such information does not include sufficient detail to constitute a presentation in conformity with generally accepted accounting principles. Accordingly, such information should be read in conjunction with the System's financial statements for the year ended June 30, 2013, from which the summarized information was derived. Liabilities and net position have been restated for the adoption of Statement No. 67, as described above.

### Reclassification

Certain 2013 amounts have been reclassified to conform to the 2014 financial statement presentation.

### **Use of Estimates**

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make significant estimates and assumptions. These estimates affect the reported amounts of net position restricted for benefits at the date of the financial statements, the actuarial information included in the required supplementary information as of the actuarial information date, the changes in net position during the reporting period and, when applicable, the disclosure of contingent assets and liabilities at the date of the financial statements. Actual results could differ from those estimates.

### **Revenue Recognition**

Pension contributions and group life insurance premiums, as well as contributions to the Retiree Health Insurance Trust, are recognized as additions in the period when they become due pursuant to formal commitments or statutory or contractual requirements. Contributions to Defined Contribution Plans are recognized in the period they are contributed.

Net investment income includes net appreciation or depreciation in the fair value of investments, interest and dividend income, foreign currency transaction gains and losses, and securities lending income, less investment expenses, which include investment management and custodial fees and all other significant investment related costs. Investment income is recognized when earned and investment expenses are recorded when incurred.

### **Benefits and Refunds**

Pension and group life insurance benefits and contributions and premium refunds to the System's members and beneficiaries are recognized as deductions when due and payable in accordance with the terms of the statutes. In addition, an estimate is made for group life insurance death benefits incurred before year end but not reported to the System until after year end. These are reflected as other liabilities. Distributions from Defined Contribution Plans and the Retiree Health Insurance Trust are recognized in the period the disbursement is made.

### **Investments**

Investments are reported at fair value. Debt and equity securities that are traded on recognized exchanges are valued at the last sales price and the current exchange rates on the reporting date. Other regularly traded securities, including derivatives, are valued by the System's custodians through a variety of external sources. Investments that do not have an established market are reported at estimated fair value. The fair value of shares in common collective trusts is based on unit values reported by the funds. The fair value of other investments, including private market partnerships, is based on third-party appraisals and valuations provided by the sponsor of the partnerships. Management reviews and approves all such appraisals and valuations prepared by other parties. Investment purchases and sales are recorded as of their trade date. Proceeds related to securities sold not yet purchased are carried as a liability and are adjusted to the fair value of the securities.

# NOTES TO FINANCIAL STATEMENTS June 30, 2014 and 2013 continued

Assets of the defined benefit pension plans are pooled for investment purposes and are allocated to each plan based on each plan's net fiduciary position, as are investment expenses and administrative expenses. Assets of the Group Life Insurance Plan are invested separately from the assets of the defined benefit pension plans.

### Due to/from Brokers

Amounts due to/from brokers for securities purchased or sold consist of trades not yet settled.

### Cash and Cash Equivalents

The System considers all highly liquid debt instruments that have a maturity of 90 days or less when purchased to be cash equivalents.

### **Administrative Expenses**

The cost of administering the Plans is financed primarily by investment income, with a small percentage of contributions from select employers.

### **Capital Assets**

All capital assets with a unit cost of \$5,000 or greater are capitalized and reported in the accompanying financial statements. Purchased assets are valued at cost where historical records exist. Where necessary, for real estate, estimates of original cost are derived from historical real estate appraisals, historical real estate tax valuation records, and relevant accounting information derived from the records.

Capital asset costs include the purchase price or construction cost, plus those costs necessary to place the asset in its intended location and condition for use.

Depreciation is calculated using the straight-line method with estimated useful lives of 3 to 40 years.

### Risks and Uncertainties

The System makes investments in accordance with the Board of Trustees' investment policy in a combination of equities, fixed income securities, infrastructure, private equity, real estate, derivative financial instruments, other investment securities and mutual funds and common/collective trusts holding such investments. The investment policy specifically prohibits investment managers from using derivative financial instruments to introduce leverage without specific prior approval by the Board. Investment securities and securities underlying certain investments are exposed to various risks, such as interest rate risk, market risk, custodial credit risk and credit risk. Investments in the Defined Contribution Plans are individually directed and controlled by plan participants. Due to the level of risk associated with certain investment securities and the level of uncertainty related to changes in the value of investment securities, changes in the values of investment securities are likely to occur in the near term and it is at least possible that such changes could materially affect the amounts reported in the statement of fiduciary net position and the statement of changes in fiduciary net position.

Employers' contributions to the Defined Benefit Plans are established by an actuarial valuation on the basis of actuarial assumptions related to economic indicators (e.g., interest rates, inflation rates), and member and retiree compensation and demographics. By law, the assumptions are adopted by the Board of Trustees based on recommendation of the System's actuary. The System is also required by Maine law to perform an actuarial experience study whenever the Board of Trustees, on recommendation of its actuary, determines such a study to be necessary for actuarial soundness or prudent administration.

### New Accounting Pronouncements

The following paragraphs describe the status of new pronouncements other than GASB Statement No. 67.

The System adopted GASB Statement No. 65, Items Previously Reported as Assets and Liabilities for the year ended June 30, 2014. This Statement establishes accounting and financial reporting standards that reclassify, as deferred outflows of resources or deferred inflows of resources, certain items that were previously reported as assets and liabilities

### NOTES TO FINANCIAL STATEMENTS

June 30, 2014 and 2013 continued

and recognizes, as outflows of resources or inflows of resources, certain items that were previously reported as assets and liabilities. This Statement also provides other financial reporting guidance related to the impact of the financial statement elements deferred outflows of resources and deferred inflows of resources, such as changes in determination of the major fund calculations and limiting the use of the term deferred in financial statement presentations. Adoption of Statement No. 65 had no effect on the System's financial statements.

In June 2012, GASB issued Statement No. 68 (Statement 68), Accounting and Financial Reporting for Pensions. Statement 68 replaces the requirements of Statement No. 27, Accounting for Pension by State and Local Government Employers and Statement No. 50, Pension Disclosures, as they relate to governments that provide pensions through pension plans administered as trust or similar arrangements that meet certain criteria. Statement 68 requires governments providing defined benefit pensions to recognize their long-term obligation for pension benefits as a liability for the first time, and to more comprehensively and comparably measure the annual cost of pension benefits. The Statement also enhances accountability and transparency through revised and new note disclosures and required supplementary information. The provisions of this Statement are effective for financial statements for fiscal years beginning after June 15, 2014. The System expects liabilities to increase by approximately \$3.5 million upon adoption.

In January 2013, GASB issued Statement No. 69, Government Combinations and Disposals of Government Operations. This statement establishes accounting and financial reporting standards related to government combinations or disposals of government operations. The provisions of this Statement are effective for financial statements for fiscal years beginning after December 15, 2013. Adoption of Statement No. 69 had no impact on the System's financial statements.

The System adopted GASB Statement No. 70, Accounting and Financial Reporting for Nonexchange Financial Guarantees for the year ended June 30, 2014. This statement requires governments that extend nonexchange financial guarantees to recognize a liability when it is more likely than not that the government will have to make a payment on that guarantee. In addition, the statement requires a government that issued an obligation that is guaranteed in a nonexchange financial guarantee to report the obligation until legally released as an obligor. Adoption of Statement No. 70 had no impact on the System's financial statements.

In November 2013, GASB issued Statement No. 71, Pension Transition for Contributions Made Subsequent to the Measurement Date an amendment of GASB Statement No. 68. This statement requires that, at transition, a government recognize a beginning deferred outflow of resources for its pension contributions, if any, made subsequent to the measurement date of the beginning net pension liability being reported under GASB Statement No. 68. The System is currently evaluating the impact this guidance will have on its financial statements.

### 3. Cash and Investments

The Board of Trustees is responsible for identifying the System's investment objective and establishing an investment policy to meet that objective. The Board relies on staff and consultants with appropriate expertise to establish investment policy, monitor compliance with policy, and determine whether the investment objective has been met. The Board established the strategic asset allocation as part of its overall investment policy. The policy identifies the following investment classes and targets: US equities (20%), non-US equities (20%), private equity (10%), fixed income (25%), and real assets (25%). Within real assets, the allocation is further defined to include: real estate (10%), infrastructure (10%), and hard assets (5%). The investment policy was revised in November 2013 to refine the rebalancing process.

Custodial credit risk is the risk that in the event of a financial institution failure, the System's deposits may not be returned to it. The System has no formal policy for custodial credit risk. Cash and cash-like securities are held at two institutions: Bangor Savings Bank and JP Morgan. Cash balances at Bangor Savings Bank are insured by the Federal Deposit Insurance Corporation (FDIC) up to \$250,000. Bangor Savings Bank mitigates custodial credit risk through use of securities repurchase arrangements.

Cash equivalents at JP Morgan are invested in the JP Morgan Prime Money Market Fund. The JP Morgan Prime Money Market fund is composed of short term debt securities held in a collective fund for the benefit of the System and other investors. All securities purchased in the Prime Money Market must either be payable on demand or have a maturity not

exceeding eighteen months from the time of purchase. The System's aggregate custodial credit risk exposure for cash and investments at June 30 is summarized in the table below:

Exposed to Custodial Credit Risk		2014	2013	
(uninsured and uncollateralized) Not Exposed to Custodial Credit Risk	\$	393,417 13,210,628,187	\$ 368,923 	
Total Fair Value	\$_	13,211,021,604	\$ <u>11,599,634,565</u>	J

Amounts are not exposed to custodial credit risk (a) because the underlying investments are registered in the name of the System and held by the System's custodian or (b) because their existence is not evidenced by securities that exist in physical or book entry form.

These amounts are disclosed in the financial statements at June 30 as follows:

	2014	2013	
Cash and Cash Equivalents Investments	\$ 31,272,767 13,179,748,837	31,108,267 11,568,526,298	
Total Fair Value	\$ 13,211,021,604	\$ <u>11,599,634,565</u>	

Credit risk is the risk an issuer or other counterparty to an investment will not fulfill its obligations to the System. The following table summarizes the System's aggregate fixed income portfolio credit ratings for the fiscal years ended June 30, 2014:

Quality Rating	2014	2013
AAA AA+	\$ 2,281,107,617 56,500,000	\$ 2,194,191,599 -
AA	123,408,101	113,393,287
Α	304,785,141	324,870,050
BBB	278,191,144	263,312,721
BB+	23,000,000	5,915,592
ВВ	_	287,800
Not rated	<u>597,618</u>	<u>3,644,156</u>
Total credit risk debt	\$ <u>3,067,589,621</u> (1)	\$ <u>2,905,615,205</u> <sup>(2)</sup>

- (1) Includes direct investments in debt securities held by the System as well as debt securities underlying investments in common collective trusts and mutual funds. In 2014, the amount included from common collective trusts is \$2,988,089,621; the amount included from mutual funds is \$79,500,000.
- (2) Includes direct investments in debt securities held by the System as well as debt securities underlying investments in common collective trusts and mutual funds. In 2013, the amount included from common collective trusts is \$2,878,004,923; the amount included from mutual funds is \$24,253,937.

Individual investments that constitute 5% or more of total investments are as follows:

Pooled fixed income funds:

BlackRock 0-5 Year TIPS BlackRock MSCI ACWI Ex US \$ 1,115,126,128 3,316,107,683

### NOTES TO FINANCIAL STATEMENTS

June 30, 2014 and 2013 continued

Concentration of credit risk is the risk of loss that may be attributed to the magnitude of investment in a single issue. The System's investment policy places no limit on the amount the System may invest in any one issuer. The impact of credit risk on the System's portfolio has been mitigated since active management has been eliminated. The resulting credit risk is consistent with the Barclays Capital Aggregate Index.

Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The System has no formal investment policy related to managing interest rate risk. All of the System's fixed income portfolios are managed in accordance with contractual guidelines. These guidelines specify a level of tracking error. The investment manager has the responsibility of determining the amount of interest rate risk that is compatible with the specified tracking error. In addition, contractual guidelines generally specify a range of effective duration for the portfolio. Duration is widely used in the management of fixed income portfolios as a measure of a debt investment's exposure to fair value changes arising from changing interest rates. The System's interest rate risk is closely aligned with the Barclays Capital Aggregate Index. The following table details the System's interest rate risk for its debt investments at June 30, 2014, using the segmented time distribution method.

		Maturities as of June 30, 2014					
Investment Type	Fair <u>Value</u>	Less than _1 Year_	1 to 6 <u>Years</u>	6 to 10 <u>Years</u>	10+ <u>Years</u>		
Common/ Collective Trusts <sup>(1)</sup> Mutual Funds <sup>(1)</sup>	\$ 2,988,089,621 79,500,000	\$ 222,612,676 11,600,000	\$ 2,069,252,063 56,500,000	\$ 422,814,682 	\$ 273,410,200 		
Total	\$ 3,067,589,621	\$ 234,212,676	\$ <u>2,125,752,063</u>	\$ <u>434,214,682</u>	\$ <u>273,410,200</u>		

<sup>(1)</sup> Maturities are based on the weighted average maturities of underlying investments in the common/collective trusts and mutual funds.

Foreign currency risk is the risk that changes in exchange rates will adversely impact the recorded fair value of an investment. The System does not have a formal investment policy limiting the amount of foreign currency exposure of its investments. The System's currency exposures reside primarily in the System's international equity investments. The System may or may not hedge a portfolio's foreign currency exposure with currency forward contracts depending on their views of the currency relative to the dollar. All of the System's portfolios are managed in accordance with contractual guidelines. These guidelines specify a level of tracking error. The investment manager has the responsibility of determining the amount of foreign currency risk that is compatible with the specified tracking error. Furthermore, the System has nearly eliminated all direct exposure to foreign currency by using index funds which means the System owns units of dollar denominated commingled funds rather than conducting transactions directly in foreign currency. The System is still indirectly exposed to all the foreign currencies within the index. The System's direct exposure to foreign currency risk in U.S. dollars as of June 30, 2014 is highlighted in the table below:

Currency	<u>Cash</u>	<u>Equity</u>	<u>Total</u>
Canadian Dollar	833	_	833
Swiss Franc	382,347	_	382,347
Euro	10,238	62,044,038	62,054,276
Total	393,418	62,044,038	62,437,456

The System has entered into contracts to invest up to approximately \$2.9 billion into common collective trusts and partnerships with a focus on private equity, infrastructure, opportunistic and real estate investment strategies. As of June 30, 2014, approximately \$1.4 billion has been invested; the remaining commitment is approximately \$1.5 billion.

For the year ended June 30, 2014, the annual money-weighted rate of return on all pension plan investments, net of pension plan investment expense, was 16.7% The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested, based on monthly calculations.

### 4. Derivative Securities

Derivative financial instruments are financial contracts whose value depends on the value of one or more underlying assets, reference rates or financial indices. They include futures, forwards, options, and swap contracts. In addition, some traditional securities can have derivative-like characteristics, e.g., asset-backed securities, including collateralized mortgage obligations (CMOs), which are sensitive to changes in interest rates and to prepayments.

The System may be a party, both directly and indirectly, to various derivative financial investments that are used in the normal course of investing to enhance expected returns on investments, to manage the risk of exposure to changes in value of investments due to fluctuations in market conditions, and to gain passive exposure to markets. In addition to normal market risks these investments may involve, to varying degrees, elements of interest rate risk, credit risk, leverage risk, counterparty risk, and custodial credit risk.

Interest rate risk is the risk that fixed income securities and derivatives will decline in value because of changes in interest rates.

Credit risk is the risk that an issuer or guarantor of a fixed income security or derivative is unable or unwilling to make timely principal payments and/or interest payments.

Leverage risk may be created with derivatives. Financial leverage generally involves borrowing and then reinvesting the proceeds with the hope of earning a higher rate of return than the borrowing costs. With derivative instruments economic leverage may be effectively created without any explicit borrowing. Leveraged investments may be more volatile than if an investment had not been leveraged. Leveraging tends to exaggerate the effect of any increase or decrease in the value of an underlying investment. In a leveraged transaction an amount more than the initial investment may be lost. The System's investment policy requires specific Board approval of any investment strategy that involves the use of direct financial leverage.

Counterparty risk is the risk that the counterparty to a derivative transaction is unwilling or unable to deliver on their obligations to the System.

The System manages interest rate risk, leverage risk, and counterparty risk on a manager by manager basis by establishing quidelines with each manager. The manager is customarily allowed to invest within these predetermined quidelines.

Custodial credit risk is the risk that in the event of a financial institution failure, the System's investments may not be returned to it. Derivative securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the System, and are held by either the counterparty or the counterparty's trust department or agent but not in the System's name.

The System's investments in derivative securities only have nominal exposure to custodial credit risk. Credit risk is managed, in the case of exchange-traded derivatives, by the execution of trades through a clearinghouse and, in the case of over-the-counter transactions, by managers' due diligence assessment and approval of counterparties. Market risk arises due to adverse changes in market price or to interest rate or foreign exchange rate fluctuations that may result in a decrease in the market value of a financial investment and/or increase its funding cost. Market risk is managed by imposing strict limits as to the types, amounts and degree of risk that investment managers may undertake. These limits are approved by the Board of Trustees and are monitored by the Chief Investment Officer, and the risk positions of the investment managers are reviewed on a periodic basis to monitor compliance with the limits.

Foreign currency forward contracts may be used to hedge against the currency risk in the System's foreign equity and fixed income security portfolios. A foreign currency forward contract is an agreement to buy or sell a specific amount of a foreign currency at a specified delivery or maturity date for an agreed upon price. The contracts are valued at forward exchange rates, and the changes in value of open contracts are recognized in the statement of changes in fiduciary net position. The unrealized gain or loss on forward currency contracts represents the difference between the value of the original contracts and the closing value of such contracts and is included in the statement of changes in fiduciary net position.

### NOTES TO FINANCIAL STATEMENTS

June 30, 2014 and 2013 continued

The System's fixed income managers may invest in CMOs and Asset-Backed Securities to improve the yield or adjust the duration of the fixed income portfolio. As of June 30, 2014 and 2013, the System held no CMO and Asset-Backed Securities.

The System's managers may also invest in swaps. Interest rate swaps are used to adjust interest rate and yield curve exposures and substitute for physical securities. Long swap positions increase exposure to long term rates; short positions decrease exposure. Credit default swaps are used to manage credit exposure. Purchased credit default swaps decrease credit exposure, while written credit default swaps increase exposure. Total return swaps are a means to gain exposure to an index.

The System may also hold investments in futures and options, which are used to manage various risks within the portfolio. A financial futures contract is an agreement between two parties to buy or sell units of a particular index or a certain amount of a security at a set price on a future date. The System may purchase and sell financial futures contracts to hedge against the effect of changes in the values of securities it owns or expects to purchase.

Upon entering into such a contract, the System is required to pledge to the broker an amount of cash or securities equal to a certain percentage of the contract amount (initial margin deposit). Pursuant to the contract, the System agrees to receive from, or pay to, the broker an amount of cash equal to the daily fluctuation in value of the contract. Such receipts or payments are known as "variation margin" and are recorded by the custodial bank on behalf of the System as unrealized gains or losses. When the contract is closed, the custodial bank on behalf of the System records a realized gain or loss equal to the difference between the value of the contract at the time it was opened and the value at the time it was closed. The potential risk to the System is that the change in value of futures contracts primarily corresponds to the value of the underlying instruments, which may not correspond to the change in value of the hedged instruments. In addition, there is a risk the System may not be able to close out its futures positions due to an illiquid secondary market or the potential inability of a counterparty to meet the terms of a contract.

In addition to the derivative financial instruments directly held, the System may have indirect exposure to risk through its ownership interests in commingled investment funds, which use, hold or write derivative financial instruments. There also may be indirect exposure in the securities lending programs in which the System participates, in which some collateral pools may include derivatives (note 5). Where derivatives are held in those funds/pools, risks and risk management are as described above.

The following table details the System's aggregate derivative investments at June 30. All changes in fair value are reported in net appreciation (depreciation) in fair value of plan investments in 2014 and 2013.

	2014 Change	Fair Value <u>at June 30, 2014</u>		June 30, 2014 Notional
	<u>in Fair Value</u>	<u>Classification</u>	<u>Amount</u>	<u>Amount</u>
Investment derivatives:				
Futures:				
Equity Index Futures Contracts	\$ <u>304,630</u>	Investments	\$ <u>95,310</u>	\$ <u>75,920,310</u>
	2013	Fair Valu	e	June 30, 2013
	Change	at June 30, 2	2013	Notional
	in Fair Value	Classification	Amount	Amount
Investment derivatives:				
Futures:				
Equity Index Futures Contracts	\$ <u>(1,664,470</u> )	Investments	\$ <u>(209,320)</u>	\$ <u>50,268,960</u>

### 5. Securities Lending

The System has entered into agreements with its master custodian to lend to broker-dealers and other entities any type of security held in the System's portfolio and held with the master custodian. Securities are loaned against collateral that may include cash, U.S. government securities and irrevocable letters of credit. U.S. securities are loaned against collateral generally valued at 102% of the market value of the securities plus any accrued interest. Non-U.S. securities are loaned against collateral valued at 105% of the market value of the securities plus any accrued interest.

Noncash collateral cannot be pledged or sold unless the borrower defaults.

All securities loans can be terminated on demand by either the lender or the borrower. The average term of the System's loans was approximately 110 days and 68 days as of June 30, 2014 and 2013, respectively.

Cash collateral is invested in a short-term investment account which had an interest sensitivity of 29 and 39 days as of June 30, 2014 and 2013, respectively. Cash collateral may also be invested separately in "term loans," in which case the investments match the loan term. These loans can be terminated on demand by either lender or borrower.

During fiscal years 2014 and 2013, there were no violations of legal or contractual provisions, and no borrower or lending agent default losses identified to the System by the securities lending agent. Securities lending earnings are credited to the System on approximately the fifteenth day of the following month.

Custodial credit risk is the risk that the System's securities are not returned due to the insolvency of a borrower and the master custodian has failed to live up to its contractual responsibilities relating to the lending of those securities. The master custodian's responsibilities include performing appropriate borrower and collateral investment credit analyses, demanding adequate types and levels of collateral, and complying with applicable Department of Labor and Federal Financial Institutions Examination Council regulations concerning securities lending. At June 30, 2014 and 2013, all of the collateral for securities lending is subject to custodial credit risk.

Because of the program's collateralization of loans, generally at 102% (or more), plus accrued interest for fixed income securities, the System believes that there is no credit risk as defined in GASB Statement No. 28 and GASB Statement No. 40.

Some of the System's assets are held in common/collective trusts and are subject to similar agreements arranged by those trusts. The income from those arrangements and the associated collateral are not included in the securities lending amounts reported.

Aggregate securities on loan by asset class:

	<u>2014</u>	2013
Domestic equity	\$ 253,639,212	\$ <u>1,449,946,454</u>
Aggregate securities lending collateral: Short-term investment collateral pool Noncash collateral (debt and equity securities, at fair value)	\$ 253,859,313 6,364,766	\$ 1,481,518,780 2,719,633
Total collateral	\$ 260,224,079	\$ <u>1,484,238,413</u>
Collateral ratio	<u>102.6</u> %	102.4%

### 6. Defined Benefit Plan

### State Employee and Teacher Plan

The State Employee and Teacher Plan administered by MainePERS is a multiple-employer cost sharing plan with a special funding situation. As of June 30, 2014 there were 229 employers, including the State of Maine, participating in the plan. The State of Maine is also a non-employer contributing entity in that the State pays the unfunded actuarial liability on behalf of teachers, while school districts contribute the normal cost, calculated actuarially, for their teacher members. Also included in the State Employee and Teacher Plan are judges, legislators, and the current and past governors of the State of Maine.

Plan membership counts for the State Employee and Teacher Plan at June 30 are as follows:

State Employee and Teacher Plan Membership	2014	2013
Current participants:  Vested and non-vested  Terminated participants:	39,910	42,051
Vested Retirees and beneficiaries receiving benefits	7,571 <u>32,611</u>	6,921 <u>31,844</u>
	80,092	80,816

### Participating Local District (PLD) Consolidated Plan

The PLD Consolidated Plan is a multiple-employer cost sharing plan. Eligible employers (districts) are defined in Maine statute. As of June 30, 2014 there were 286 employers participating in the plan.

Plan membership counts for the PLD Consolidated Plan at June 30 are as follows:

PLD Consolidated Plan Membership	2014	2013
Current participants:  Vested and non-vested  Terminated participants:	10,848	11,112
Vested Retirees and beneficiaries receiving benefits	2,071 <u>8,333</u>	2,017 <u>8,122</u>
	21,252	21,251

### PLD Agent Plan

The PLD Agent Plan is an agent multiple-employer plan for financial reporting purposes. This plan is an aggregation of single employer plans that were open when the PLD Consolidated Plan began. Under the legislation that created the consolidated plan, single employers could either join the consolidated plan whereby the single employer plan would be closed, or they could opt to not join the plan and continue to maintain their single employer plan as a closed plan until there were no further liabilities for pension, at which time the single employer plan would be closed. As of June 30, 2014 there were 13 employers in the plan.

Plan membership counts for the PLD Agent Plan at June 30 are as follows:

PLD Agent Plan Membership	2014	2013
Current participants:  Vested and non-vested	24	28
Terminated participants: Vested Retirees and beneficiaries receiving benefits	14 	13 <u>196</u>
		237

### **Benefits**

Benefit terms are established in Maine statute; in the case of the PLD Consolidated Plan, an advisory group, also established by statute, reviews the terms of the plan and periodically makes recommendations to the Legislature to amend the terms. The System's retirement programs provide defined retirement benefits based on members' average final compensation and service credit earned as of retirement. Vesting (i.e., eligibility for benefits upon reaching qualification) occurs upon the

earning of five years of service credit (effective October 1, 1999, the prior ten year requirement was reduced by legislative action to five years for State employees and teachers; separate legislation enacted the same reduced requirement for judges, legislators, and employees of PLDs). In some cases, vesting occurs on the earning of one year of service credit immediately preceding retirement at or after normal retirement age. Normal retirement age for State employees and teachers, judges and legislative members is age 60, 62 or 65. The normal retirement age is determined by whether a member had met certain creditable service requirements on specific dates, as established by statute. For PLD members, normal retirement age is 60. The monthly benefit of members who retire before normal retirement age by virtue of having at least 25 years of service credit is reduced by a statutorily prescribed factor for each year of age that a member is below her/his normal retirement age at retirement. The System also provides disability and death benefits which are established by statute for State employee and teacher members and by contract with other participating employers under applicable statutory provisions.

Upon termination of membership, members' accumulated employee contributions are refundable with interest, credited in accordance with statute. Withdrawal of accumulated contributions results in forfeiture of all benefits and membership rights. The annual rate of interest credited to members' accounts is set by the System's Board of Trustees and is currently 5.0%.

### **Funding Policy**

The Maine Constitution, Maine statutes and the System's funding policy provide for periodic employer contributions in addition to the normal cost contributions for the State Employee and Teacher Program. These are actuarially determined amounts that, based on certain actuarial assumptions are sufficient to fully fund, on an actuarial basis, the State Employee and Teacher Retirement Program by the year 2028 (Unfunded Actuarial Accrued Liability (UAAL) payments). Level percentage of payroll employer contribution rates are determined using the entry age normal actuarial funding method. The System also uses the level percentage of payroll method to amortize the unfunded liability of the State Employee and Teacher Retirement Program. For participating employers in the PLD Agent Plan, the level percentage of payroll method is also used.

### Net Pension Liability – State Employee and Teacher Plan Employers

The components of the net pension liability of the State of Maine and participating teacher employers, stated in millions of dollars as of June 30, 2014, was as follows:

Total pension liability (TPL) Plan fiduciary net position	\$ 12,382.2 
Net pension liability (NPL)	\$ <u>1,976.3</u>
Plan fiduciary net position as a percentage of the total pension liability	84.04%

### Net Pension Liability – PLD Consolidated Plan Employers

The components of the net pension liability of the PLD Consolidated Plan participating employers, stated in millions of dollars as of June 30, 2014, was as follows:

Total pension liability (TPL) Plan fiduciary net position	\$ 2,609.7 2,455.8
Net pension liability (NPL)	\$ <u>153.9</u>
Plan fiduciary net position as a percentage of the total pension liability	94.10%

Actuarial valuations of ongoing plans involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Assumptions in an actuarial valuation typically include projections concerning future employment, mortality, and inflation. Actuarially determined contributions are subject to continual periodic revision as actual results are compared to past expectations and new estimates are made concerning the future. The Schedules of Changes in Net Pension Liabilities and Related Ratios, presented as Required Supplementary Information immediately following the Notes to Financial Statements, present multi-year trend information about whether the fiduciary net position of the plan is increasing or decreasing over time relative to the total pension liability of the plan.

### NOTES TO FINANCIAL STATEMENTS

**June 30, 2014 and 2013** continued

### **Actuarial Methods and Assumptions**

Projections of benefits for financial reporting purposes are based on the provisions of the plan in effect at the time of each valuation and the historical pattern of sharing of costs between the employer and plan members. Actuarial methods and assumptions include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the funding methodologies.

The actuarial method employed sets the actuarial value equal to the expected value plus one-third of the difference between the actual market value of assets and the expected value of assets. The expected value of assets takes the prior year's actuarial value of assets and adjusts it for contributions, benefit payments, and expected interest earnings at the assumed rate for each plan.

Costs are developed using the entry age normal cost method (based on a level percentage of covered payroll).

The net pension liability of the State Employee and Teacher Program is amortized on a level percentage of payroll on a closed basis. The remaining amortization period as of June 30, 2014 was 14.7 years. The net pension liability of the Judicial and Legislative Plans is amortized on an open basis over a period of ten years. The net pension liability of the PLD Consolidated Plan is amortized on an open basis over a period of fifteen years.

The total pension liability was determined by an actuarial valuation as of June 30, 2014, using the following actuarial assumptions, applied to all periods included in the measurement period. These same assumptions were used in the actuarial valuation as of June 30, 2013, except as noted.

Investment Rate of Return – State Employee and Teacher Plan - 7.125% per annum, compounded annually; 7.25% was used in the valuation for the year ended June 30, 2013.

Investment Rate of Return - PLD Plans - 7.25% per annum, compounded annually.

Inflation Rate - 3.5%

Salary Increases, Merit and Inflation – State employees, 3.50% to 10.5% per year; Teachers, 3.50% to 13.5% per year; Judicial plan, 3.5% per year; Legislative plan, 3.5% per year; Consolidated plan for PLDs, 3.5% to 9.5% per year.

Mortality Rates – For active State employee members and non-disabled retirees of the State employees, participating local districts, legislator and judicial plans, the RP2000 Tables projected forward to 2015 using Scale AA are used; for active members and non-disabled retirees of the teachers plan, the ages are set back two years; for all recipients of disability benefits, the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females is used.

Cost of Living Benefit Increases – 2.55% per annum for the State Employee and Teacher Plan; for the PLD Plans, 3.12% per annum is used.

The actuarial assumptions used in the June 30, 2014 and June 30, 2013 valuations were based on the results of an actuarial experience study for the period of July 1, 2005 to June 30, 2010.

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 pension plan investment expense and inflation) are developed for each major class of assets. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by the target asset allocation percentage and by adding

expected inflation. Best estimates of arithmetic real rates of return for each major asset class included in the pension plan's target asset allocation as of June 30, 2014 are summarized in the following table:

Asset Class	Long-Term Expected Real Rate of Return
US equities Non-US equities Private equity Real assets	5.2% 5.5 7.6
Real estate Infrastructure	3.7 4.0
Hard assets Fixed income	4.8 0.0

### **Discount Rate**

The discount rate used to measure the total pension liability was 7.125% for the State Employee and Teacher Plan, including the Legislative and Judicial Plans and 7.25% for the PLD Plans. The projection of cash flows used to determine the discount rate assumed that plan member contributions will be made at the current contribution rate and that employer and non-employer entity contributions will be made at contractually required rates, actuarially determined. Based on these assumptions, the pension plan's fiduciary net position was projected to be available to make all projected future benefit payments to 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.

### Sensitivity of the net pension liability to changes in the discount rate

The following presents the net pension liability for the State Employee and Teacher Plan calculated using the discount rate of 7.125% as well as what the net pension liability would be if it were calculated using a discount rate of one percentage point lower (6.125%) or one percentage point higher (8.125%) than the current rate:

	1% Decrease (6.125%)	Current Rate (7.125%)	1% Increase (8.125%)
Net Pension Liability: State Employee and Teacher Plan	\$ 3,462,633,631	\$ 1,976,298,759	\$ 727,616,650

The following presents the net pension liability for the PLD Consolidated Plan calculated using the discount rate of 7.25% as well as what the net pension liability would be if it were calculated using a discount rate of one percentage point lower (6.25%) or one percentage point higher (8.25%) than the current rate:

	1% Decrease ( <u>6.25%</u> )	Current Rate (7.25%)	1% Increase (8.25%)
Net Pension Liability: PLD Consolidated Plan	\$ 480,063,871	\$ 153,881,174	\$ (118,767,041)

### Contributions

Retirement benefits are funded by contributions from members and employers and by earnings from investments. Disability and death benefits are funded by employer normal cost contributions and by investment earnings. Member and employer normal cost contributions are each a percentage of applicable member compensation. Member contribution rates are defined by law or Board rule and depend on the terms of the plan under which a member is covered. Employers' contributions are determined by actuarial valuations.

### NOTES TO FINANCIAL STATEMENTS

June 30, 2014 and 2013 continued

Included in the State and Local Agency Contributions reported in the statement of changes in fiduciary net position are contributions received from the State of Maine on behalf of state employees, judges, and teachers in the total amount of \$252.8 million and \$236 million for the years ended June 30, 2014 and 2013, respectively. There were no contributions due from the State of Maine on behalf of legislators in 2014 or 2013. Also included are contributions from the State of Maine to fund a one-time, non-cumulative COLA payment for eligible state employees, judges, legislators, and teachers. The total amount of this contribution was \$7 million and \$12.1 million for the years ended June 30, 2014 and 2013, respectively.

Retirement contribution rates for all employee members are set by law. Employer normal cost retirement contribution rates as applied to State employee members' and teacher members' compensation are the actuarially determined rates. The UAAL rate as applied to State employee members' compensation is first established through the annual valuation process as an amount that will meet the required unfunded actuarial accrued liability payment amount; it is then adjusted in the State's budget process to take into account differences in salary growth projections of the State Budget Office. This adjusted rate, expressed as a percentage of payroll, is the actual rate paid by the State as payment of the required UAAL payment amount for State employees. For teachers, the actuarially determined UAAL amount is paid in twelve equal monthly installments. PLD employer contribution rates are the actuarially determined rates. The rates in effect in 2014 and 2013 are as follows:

Contribution Rates<sup>(1)</sup> (effective July 1 through June 30 of each fiscal year)

State:	<u>2014</u>	2013
	7.65 – 8.65%	7.65 – 8.65%
Employees <sup>(2)</sup>		
Employer <sup>(2)</sup>	13.25 – 40.43%	11.98 – 39.36%
Teachers:		
Employees	7.65%	7.65%
Employer	2.65%	0.00%
Non-employer entity	13.03%	13.85%
Participating local districts:		
Employees <sup>(2)</sup>	3.0 - 8.0%	3.0 - 8.0%
Employers <sup>(2)</sup>	3.4 - 12.8%	2.8 - 12.2%

<sup>(1)</sup> Employer Contribution Rates include normal cost and UAAL required payment, expressed as a percentage of payroll.

### 7. Group Life Insurance Plan

### Plan Description

Group Life Insurance Plan coverage is available to eligible participants and includes Basic insurance which consists of life insurance and accidental death and dismemberment insurance in the amount equal to the participant's annual base compensation rounded up to the next \$1,000. Additional Supplemental insurance coverage is available to those participants who elect Basic coverage. Participants may also elect to insure the life of a dependent not otherwise insured under the Basic and Supplemental insurance provisions of the plan.

The Group Life Insurance Plan provides Basic group life insurance benefits, during retirement, to retirees who participated in the group life insurance plan prior to retirement for a minimum of 10 years (the 10-year participation requirement does not apply to recipients of disability retirement benefits). The level of coverage in retirement is initially set to an amount equal to the retiree's average final compensation. The initial amount of Basic life is then subsequently reduced at the rate of 15% per year to the greater of 40% of the initial amount or \$2,500. Eligible employment classes include retirees who were State

<sup>(2)</sup> Employer and Employee retirement contribution rates vary depending on specific terms of plan benefits for certain classes of employees or, in the case of PLDs, on benefit plan options selected by a particular PLD. The contributions of withdrawn entities that do not have active employees but continue to have other liabilities are set in dollar amounts, not as rates.

employees, Teachers, and members of the Judiciary and the Legislature. Group Life Insurance benefits are also provided to the retired employees of PLDs in the retirement program and those that elect to participate only in the Group Life Insurance Plan. At June 30, 2014, the employees of the State of Maine, the Judiciary, the Legislature, as well as 228 school districts, and 163 PLDs were participating in the Group Life Insurance Plan.

### **Funding Policy**

Premium rates are those determined by the System's Board of Trustees to be actuarially sufficient to pay anticipated claims. For state employee, legislative and judicial employment classes, the premiums for retiree life insurance coverage are factored into the premiums paid for Basic coverage while participants are active members. Premiums for basic life insurance coverage for retired teachers are paid by the State of Maine as the total dollar amount of each year's annual required contribution. Employers of retired PLD employees are required to remit a premium of \$0.46 per \$1,000 of coverage per month during the post-employment retired period.

### **Annual Required Contribution**

The annual required contributions and contributions made for all employment classes are as follows:

Year <u>Ended</u>	Annual Required <u>Contribution</u>	Annual <u>Contribution</u>	Percentage of Annual <u>Cost Contributed</u>
2014	\$ 9,018,298	\$ 7,950,385	88.2%
2013	8,955,065	7,138,693	79.7
2012	10,900,000	7,005,992	64.3

### **Funded Status and Funding Progress**

The funded status of the plan, stated in millions of dollars, as of June 30, 2014 was as follows:

Actuarial accrued liability (AAL) Actuarial value of plan assets	\$ 186.7 92.1
Unfunded actuarial accrued liability (UAAL)	\$ <u>94.6</u>
Funded ratio (actuarial value of plan assets/AAL) Covered payroll (active plan members) UAAL as a percentage of covered payroll	49.3% \$1,481.3 6.4%

Actuarial valuations of ongoing plans involve estimates of the values of reported amounts and assumptions about the probability of occurrence of events far into the future. Assumptions in an actuarial valuation typically include projections concerning future employment, mortality, and inflation. Actuarially determined contribution requirements are subject to continual periodic revision as actual results are compared to past expectations and new estimates are made concerning the future. The Schedules of Funding Progress, presented as Required Supplementary Information immediately following the Notes to Financial Statements, present multi-year trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

### **Actuarial Methods and Assumptions**

Projections of benefits for financial reporting purposes are based on the provisions of the plan in effect at the time of each valuation and the historical pattern of sharing of premium costs between the employer and plan members. Actuarial methods and assumptions include techniques that are designed to reduce short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the funding methodologies.

### NOTES TO FINANCIAL STATEMENTS

**June 30, 2014 and 2013** continued

Costs are developed using the individual entry age normal cost method.

Significant actuarial assumptions employed by the actuary for funding purposes as of June 30, 2014 and June 30, 2013 are as follows:

*Investment Rate of Return – State Employee and Teacher Plan –* 7.125% per annum, compounded annually; 7.25% was used in the valuation for the year ended June 30, 2013.

Investment Rate of Return – PLD Plans – 7.25% per annum, compounded annually.

Salary Increases, Merit and Inflation – State employees, 3.5% to 10.5% per year; Teachers, 3.5% to 13.5% per year; Consolidated Plan for PLDs, 3.5% to 9.5% per year; Legislative and Judicial, 3.5% per year.

Mortality Rates – For active State employee members and non-disabled retirees of the State employees, participating local districts, legislator and judicial plans, the RP2000 Tables projected forward to 2015 using Scale AA are used; for active members and non-disabled retirees of the teachers' plan, the ages are set back two years; for all recipients of disability benefits, the RPA 1994 Tables for pre-1995 disabilities are used.

The unfunded actuarial accrued liability is being amortized as a level percentage of payroll over a 30-year period on a closed basis.

As of June 30, 2014, there were 23 years (PLDs over 16 years) remaining in the amortization schedule.

### **Premiums**

The basic life benefits for participants are funded by the State, school districts, participating local districts and individuals. Participants pay additional premiums for Supplemental and Dependent insurance based upon the coverage selected.

The statutes require the System's Board of Trustees to establish on a regular basis the premium rates for participants in the Group Life Insurance Plan. The premium rates are determined to be actuarially sufficient to pay anticipated claims and cover administrative costs. The State remits premiums at a single rate that supports basic coverage for active and retired state employees (including Judicial and Legislative employees). This rate is \$.63 per month for every \$1,000 of coverage. The State remits premiums for retired teachers at a rate of \$.33 per month for every \$1,000 of coverage. As per individual collective bargaining agreements between employers and employees, individual school districts or teachers themselves pay premiums at the rate of \$.11 per month for every \$1,000 of coverage while active, and employees of participating local districts or the district itself pay premiums of \$.46 per month for every \$1,000 in coverage for employees while active and retired. Employees' premiums are usually deducted from employees' compensation and remitted to the System.

Included in the State and Local Agencies Premiums in the statement of changes in fiduciary net position are group life insurance premiums received from the State of Maine on behalf of active and retired state employees, retired teachers, judges, and legislators in the total amount of \$7.6 and \$6.9 million, respectively, for the years ended June 30, 2014 and 2013.

### **Benefits**

Upon service retirement, only basic life insurance in an amount equal to the retiree's average final compensation will continue at no cost to the participant as long as the retiree participated in the group life insurance plan prior to retirement for a minimum of 10 years.

If a participant becomes eligible for disability retirement, the amount of Basic insurance in force at the time of such retirement will be continued until normal retirement age, after which the amount will be reduced at the same rate as for a service retiree. The 10-year participation requirement does not apply to recipients of disability retirement benefits.

Under the Accidental Death and Dismemberment provisions of the plan, no legal action can be brought to recover under any benefit after 3 years from the deadline for filing claims. The deadline for filing claims under the Accidental Death and Dismemberment provisions of the plan is 90 days after the date of the loss giving rise to the claim.

All benefits are processed and paid by a third-party administrator (TPA). The fees incurred for services performed by the TPA totaled \$835,215 and \$701,421 for the years ended June 30, 2014 and 2013, respectively, and are listed as claims processing expenses in the basic financial statements.

### 8. Defined Contribution Plans

The Defined Contribution Plans are funded by participants through voluntary deferrals of compensation into the plan, within the limits of plan provisions, and by employer contributions made into the Plan on behalf of employees. The recognition of deferred compensation, employer contributions, and earnings on the accounts are not recognized by Plan participants for income tax purposes until actually paid to the participant or beneficiary.

### 9. MainePERS OPEB Trust

The MainePERS OPEB Trust is an irrevocable trust established for the purpose of accumulating assets to provide funding for retiree health benefits and life insurance in retirement for qualified individuals who are employees of the System and who retire from the Maine Public Employees Retirement System. Contributions are made to the Trust on an annual basis in an amount equal to the actuarially determined contribution amount.

### 10. Retiree Health Investment Trust Fund

The Maine State Legislature established the Retiree Health Insurance Post Employment Investment Trust as an irrevocable trust for the sole purpose of holding and investing funds appropriated or otherwise provided to the Fund for the purpose of accumulating assets to provide funding to the State's unfunded liability obligations for retiree health benefits. The Trustees of the Maine Public Employees Retirement System were named Trustees of the Investment Trust Fund. The effective date of the establishment of the Fund was July 1, 2007. The assets in the Investment Trust Fund are unrelated to and not available to pay benefits for any plan administered by the System. Additionally, the State of Maine is obligated to comply with reporting requirements under GASB Statement No. 43, Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans, and GASB Statement No. 45, Accounting and Financial Reporting by Employers for Postemployment Benefits Other Than Pensions.

### 11. Statutory and Constitutional Requirements

An amendment to the Maine constitution approved in November 1995 requires the State to fund the unfunded actuarial liabilities of the State Employee and Teacher Retirement Program existing on June 30, 1996, over a period not to exceed 31 years beginning July 1, 1997, and not later than June 30, 2028. The amendment prohibits the creation of new unfunded liabilities in that Program except those arising from experience losses, which must be funded over a period of not more than ten years. In addition, the amendment requires the use of actuarially sound current cost accounting, reinforcing existing statutory requirements.

### 12. System's Employee Benefits

### **Defined Benefit Plan**

The System, as the employer of its staff, is a participating employer (i.e., a PLD) in the Consolidated Plan for Participating Local Districts administered by the System. As such, System employees are required by statute to contribute 6.5% of their annual covered salaries. The System is required to contribute at the contribution rate established by the Board of Trustees under the actuarial valuation of the Consolidated Plan. The contribution rate was 6.5% of annual covered payroll for 2014, 5.3% of annual covered payroll for 2013, and 4.4% of annual covered payroll for 2012. The employer contributions on behalf of its employees, equal to the required contribution, were \$369,870, \$275,355 and \$248,525 for 2014, 2013 and 2012, respectively. The actuarial assumptions used in the Consolidated Plan valuation are described in the actuarial assumptions and methods footnote to the required supplementary information.

### Group Life Insurance Plan

The System, as the employer of its staff, is a participating employer (i.e., a PLD) in the Group Life Insurance plan administered by the System. The System pays the premiums for Basic only coverage for all active employees. Employees

### NOTES TO FINANCIAL STATEMENTS

**June 30, 2014 and 2013** continued

who elect additional coverage under the Supplemental and/or Dependent provisions have the additional required premiums withheld from their pay in order to fund such coverage.

The System was required to pay premiums for Basic coverage at the rate of \$0.46 per \$1,000 of coverage for the 2014, 2013, and 2012 fiscal years. The total premiums the System paid on behalf of its active employees, equal to the required contributions, were \$29,530, \$27,491, and \$25,975 for 2014, 2013, and 2012, respectively.

### Other Post-Employment Benefits

The System provides Other Post-Employment Benefits to its retirees in the form of health insurance coverage and group life insurance coverage. The System's annual other post-employment benefits (OPEB) costs are actuarially determined based on the parameters of the Governmental Accounting Standards Board Statement No. 45.

The total contributions for retiree health insurance coverage, equal to the required contributions, were \$0, \$109,377, and \$109,482, for 2014, 2013, and 2012, respectively. The other post-employment benefits liability for this plan is immaterial and the Plan's assets exceed its actuarial liability at June 30, 2014 and 2013. The actuarial liability is calculated using assumptions similar to those used for the System's defined benefit plan.

The total contributions for retiree group life insurance coverage, equal to the required contributions, were \$6,108, \$6,105, and \$6,888, for 2014, 2013, and 2012, respectively. The other post-employment benefits liability for this plan is immaterial.

### 13. Litigation

The System's Board of Trustees were named as defendants in a lawsuit filed in the United States District Court for the District of Maine in February 2012 by groups representing retired State and teacher employees. The Plaintiffs allege that certain legislation enacted by the Maine State Legislature which changed existing law by reducing cost of living adjustments for retirees is unconstitutional. The United States District Court dismissed the claim in June 2013. The Plaintiffs filed a timely appeal of the dismissal to the First Circuit Court of Appeals and oral argument was heard on March 4, 2014. On June 27, 2014 the First Circuit issued its opinion affirming the District Court's grant of summary judgment in favor of MainePERS. The Plaintiffs' sole remedy was to file a petition for a writ of certiorari to the United States Supreme Court, essentially appealing the decision of the First Circuit. The deadline for filing the writ was September 26, 2014 and no petition was filed. Therefore, the grant of summary judgment in favor of MainePERS stands. Consequently, the System will experience no liability as a consequence of this litigation.

### 14. Risk Management

The system carries insurance to cover its exposure to various risks of loss. There were no uninsured losses during the last three years.

### SCHEDULE OF HISTORICAL PENSION INFORMATION STATE EMPLOYEE AND TEACHER PLAN

June 30, 2014 (UNAUDITED)

### SCHEDULE OF CHANGES IN THE PLAN'S NET PENSION LIABILITY AND RELATED RATIOS Last Ten Fiscal Years \*

Total pension liability Service cost Interest Changes of benefit terms Differences between expected and actual experience	\$ 188,306,945 846,513,834 - (18,065,650)
Changes of assumptions Benefit payments, including refunds of member contributions	168,162,506 (692,590,298)
Net change in total pension liability Total pension liability, beginning	492,327,337 
Total pension liability, ending (a)	\$ <u>12,382,224,618</u>
Plan fiduciary net position Contributions – member Contributions – employer Contributions – non-employer contributing entities Net investment income Benefit payments, including refunds of member contributions Administrative expenses Other	\$ 121,700,845 163,856,225 142,303,104 1,527,470,684 (692,728,116) (8,296,396)
Net change in fiduciary net position Plan fiduciary net position, beginning	1,254,306,346 9,151,643,057
Plan fiduciary net position, ending (b)	\$ 10,405,949,403
Plan's net pension liability, ending (a)-(b)	\$ <u>1,976,275,215</u>
Plan fiduciary net pension as a percentage of the total pension liability	84.04%
Covered employee payroll	\$ 1,686,134,478
Plan net pension liability as a percentage of covered-employee payroll	117.21%

See notes to historical pension information.

See accompanying independent auditors' report.

<sup>\*</sup> Retroactive information is not required to be presented. This information will be presented each year until 10 years of such information is available.

# SCHEDULE OF HISTORICAL PENSION INFORMATION STATE EMPLOYEE AND TEACHER PLAN

June 30, 2014 (UNAUDITED)

SCHEDULE OF EMPLOYER CONTRIBUTIONS Last Ten Fiscal Years

Actuarially determined	2014	<u>2013</u>	2012	2011	2010	2009	2008	2007	<u>2006</u>	2005
	\$305,264,466	\$264,381,108	\$252,829,973	\$328,074,785	\$317,991,957	\$320,112,172	\$305,361,296	\$303,075,774	\$286,438,610	\$ 261,697,901
Contributions in relation to the actuarially determined contribution	305,264,466	<u>264,381,108</u>	252,829,973	333,943,622	329,207,114	320,112,172	305,361,296	303,075,774	303,438,610	274,697,90 <u>1</u>
Contribution deficiency (excess)	-   	1	-   	\$(5,868,837)	\$ <u>(11,215,157)</u>	-   -   <del>S</del>	     <del>S</del>	-   S	\$_(17,000,000)	\$ <u>(13,000,000)</u>
	\$1,686,134,478	\$1,671,667,741	\$1,686,134,478 \$1,671,667,741 \$1,727,663,926	\$1,652,575,662	\$1,652,575,662 \$1,681,593,615 \$1,678,930,948 \$1,628,421,362 \$1,595,199,514 \$1,546,315,522 \$1,516,390,862	\$1,678,930,948	\$1,628,421,362	\$1,595,199,514	\$1,546,315,522	\$1,516,390,862
Contributions as a percentage of covered-employee payroll	18.10%	15.82%	14.63%	5 20.21%	19.58%	19.07%	18.75%	19.00%	6 19.62%	18.12%

See notes to historical pension information.

See accompanying independent auditors' report.

### SCHEDULE OF HISTORICAL PENSION INFORMATION PLD CONSOLIDATED PLAN

June 30, 2014 (UNAUDITED)

### SCHEDULE OF CHANGES IN THE PLAN'S NET PENSION LIABILITY AND RELATED RATIOS Last Ten Fiscal Years \*

Total pension liability Service cost Interest Changes of benefit terms Differences between expected and actual experience Changes of assumptions	\$	72,651,025 178,293,576 - 19,939,857
Benefit payments, including refunds of member contributions	_	(127,161,357)
Net change in total pension liability Total pension liability, beginning	_	143,723,101 2,465,934,744
Total pension liability, ending (a)	\$_	2,609,657,845
Plan fiduciary net position Contributions – member Contributions – employer Net investment income Benefit payments, including refunds of member contributions Administrative expenses	\$	33,210,510 32,706,160 361,125,177 (127,161,358) (1,779,304)
Net change in fiduciary net position Plan fiduciary net position, beginning	_	298,101,185 2,157,675,486
Plan fiduciary net position, ending (b)	\$_	2,455,776,671
Plan's net pension liability, ending (a)-(b)	\$_	153,881,174
Plan fiduciary net pension as a percentage of the total pension liability		94.10%
Covered employee payroll	\$	460,029,637
Plan net pension liability as a percentage of covered-employee payroll		33.45%

See notes to historical pension information.

See accompanying independent auditors' report.

\* Retroactive information is not required to be presented. This information will be presented each year until 10 years of such information is available.

SCHEDULE OF HISTORICAL PENSION INFORMATION

PLD CONSOLIDATED PLAN

## June 30, 2014 (UNAUDITED)

SCHEDULE OF EMPLOYER CONTRIBUTIONS

Last Ten Fiscal Years

2005	\$ 10,639,366	10,646,170	\$ (6,804)	\$300,582,274	3.54%
2006	\$ 12,214,494	12,343,375	\$ (128,881)	\$323,834,104	3.81%
2007	\$ 14,022,965	14,292,405	\$ (269,440)	\$342,528,740	4.17%
2008	\$ 13,699,552	13,699,552	۱ <del>ده</del>	\$360,693,816	3.80%
2009	\$ 14,701,513	14,701,513	69	\$380,541,135	3.86%
2010	\$ 15,384,689	15,384,689	г <del>У</del>	\$395,747,663	3.89%
2011	\$ 19,995,608	19,995,608	69	\$435,012,940	4.60%
2012	\$ 25,056,574	25,372,687	\$ (316,113)	\$474,828,262	5.34%
2013	\$ 29,704,314	29,704,314	1	\$458,424,764 \$474,828,262	6.48%
2014	\$ 35,263,952	35,263,952	н Ө	\$460,029,637	7.67%
A de socialis de descriais a de	contribution	Contributions in relation to the actuarially determined contribution	Contribution deficiency (excess)	Covered-employee payroll	Contributions as a percentage of coveredemployee payroll

See notes to historical pension information.

See accompanying independent auditors' report.

### SCHEDULE OF HISTORICAL PENSION INFORMATION ALL DEFINED BENEFIT PLANS

June 30, 2014 (UNAUDITED)

### SCHEDULE OF INVESTMENT RETURNS

Last Ten Fiscal Years \*

Annual money-weighted rate of return, net of investment expenses

16.66%

See notes to historical pension information.

See accompanying independent auditors' report.

\* Retroactive information is not required to be presented. This information will be presented each year until 10 years of such information is available.

### SCHEDULE OF HISTORICAL PENSION INFORMATION GROUP LIFE INSURANCE PLAN

June 30, 2014 (UNAUDITED)

### SCHEDULE OF FUNDING PROGRESS Dollars in Millions

Actuarial Valuation <u>Date</u>	(a) Actuarial Value of <u>Assets</u>	(b) Actuarial Accrued Liability (AAL) Entry Age	(b-a) Unfunded AAL <u>(UAAL</u> )	(a/b) Funded <u>Ratio</u>	(c) Annual Covered <u>Payroll</u>	((b-a)/c) UAAL as a Percentage of Covered Payroll
June 30, 2014	\$ 92.1	\$ 186.7	\$ 94.6	49.3%	\$ 1,481.3	6.4%
June 30, 2013	76.2	180.9	104.7	42.1	1,481.2	7.1
June 30, 2012	66.4	173.9	107.5	38.2	1,431.2	7.5
June 30, 2011	63.6	167.4	103.8	38.0	1,546.1	6.7
June 30, 2010	50.8	150.9	100.1	33.7	1,519.5	6.6
June 30, 2009	43.5	139.8	96.3	31.1	1,494.0	6.4

See notes to historical pension information.

See accompanying independent auditors' report.

### SCHEDULE OF EMPLOYERS' CONTRIBUTIONS

<u>Year Ended</u> :	Annual Required <u>Contribution</u>	Annual Contribution	Percentage Contributed
2014	\$ 9,018,298	\$ 7,950,385	88.2%
2013	8,955,065	7,138,693	79.7
2012	10,900,000	7,005,992	64.3
2011	8,200,000	6,836,808	83.4
2010	7,900,000	6,825,209	86.4
2009	6,500,000	6,812,155	104.8

See notes to historical pension information.

See accompanying independent auditors' report.

### NOTES TO HISTORICAL PENSION INFORMATION June 30, 2014 (UNAUDITED)

### 1. Basis of Presentation

For reporting purposes, the historical pension information includes combined amounts for all participating entities in the State Employee and Teacher Plan, including state employees, teachers, judicial and legislative employees. The schedule of investment returns applies to the State Employee and Teacher Plan as well as the PLD Consolidated Plan as investments of these plans are commingled.

### 2. Actuarial Methods and Assumptions - State, Teacher, Judicial, Legislative, and PLD Valuations

The information in the historical pension information was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation date, June 30, 2014, is as follows:

### **Actuarial Cost Method**

The Entry Age Normal actuarial funding method is used to determine costs. Under this funding method, the total employer contribution rate consists of two elements, the normal cost rate and the unfunded actuarial liability (UAL) rate.

The individual entry age normal method is used to determine liabilities. Under the individual entry age normal method, a normal cost rate is calculated for each employee. This rate is determined by taking the value, as of age at entry into the plan, of the member's projected future benefits, and dividing it by the value, also as of the member's entry age, of his expected future salary. The normal cost for each employee is the product of his pay and his normal cost rate. The normal cost for the group is the sum of the normal costs for all members.

Experience gains and losses, i.e., decreases or increases in liabilities and/or in assets when actual experience differs from the actuarial assumptions, affect the unfunded actuarial accrued liability.

### **Asset Valuation Method**

The actuarial valuation employs a technique for determining the actuarial value of assets which dampens the swing in the market value. The specific technique adopted in this valuation recognizes in a given year one-third of the investment return that is different from the actuarial assumption for investment return.

### **Amortization**

The net pension liability of the State Employee and Teacher Retirement Program is amortized on a level percentage of payroll over the amortization period then in effect under statutory and constitutional requirements (note 11 to the Financial Statements). The net pension liabilities of the Judicial Retirement Program and the Legislative Retirement Program are amortized on a level percentage of payroll over open ten year periods.

The Initial Unpooled Unfunded Actuarial Liabilities (IUUALs) of PLDs are amortized over periods established for each PLD separately. There were no additional, or excess, contributions in fiscal year 2014 to payoff individual IUUALs. The total net pension liability of the PLD Consolidated Plan is amortized on an open basis over a period of fifteen years.

Significant actuarial assumptions employed by the actuary for funding purposes as of June 30, 2014 are as follows:

Investment Return – For the State Employee and Teacher Plans, 7.125% per annum, compounded annually; for the PLD Plans, 7.25% per annum, compounded annually.

Inflation Rate - 3.5%

Salary Increases, Merit and Inflation – State employees, 3.50% to 10.5% per year; Teachers, 3.50% to 13.5% per year; Judicial plan, 3.5% per year; Legislative plan, 3.5% per year; Consolidated plan for PLDs, 3.5% to 9.5% per year.

 $Mortality\ Rates-For\ active\ State\ employee\ members\ and\ non-disabled\ retirees\ of\ the\ State\ employees,\ participating\ local\ districts,\ legislator\ and\ judicial\ plans,\ the\ RP2000\ Tables\ projected\ forward\ to\ 2015\ using\ Scale\ AA\ are\ used;\ for\ projected\ forward\ to\ 2015\ using\ Scale\ AA\ are\ used;$ 

### NOTES TO HISTORICAL PENSION INFORMATION continued June 30, 2014 (UNAUDITED)

active members and non-disabled retirees of the teachers' plan, the ages are set back two years; for all recipients of disability benefits, the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females is used.

Cost of Living Benefit Increases – 2.55% per annum for State employees, teachers, judges, legislators; for the participating local districts, 3.12% per annum is used.

### 3. Actuarial Methods and Assumptions - Group Life Insurance Plan

Many of the assumptions used to determine the actuarial liability in this plan are the same as for the pension plan.

The information in the historical group life information was determined as part of the actuarial valuations at the dates indicated. Additional information as of the latest actuarial valuation date, June 30, 2014, is as follows:

### **Actuarial Cost Method**

The individual entry age normal method is used to determine liabilities. Under the individual entry age normal method, a normal cost rate is calculated for each employee. This rate is determined by taking the value, as of age at entry into the plan, of the member's projected future benefits, and dividing it by the value, also as of the member's entry age, of his expected future salary. The normal cost for each employee is the product of his pay and his normal cost rate. The normal cost for the group is the sum of the normal costs for all members.

The actuarial accrued liability is defined as the present value of future benefits less the present value of future normal costs. The unfunded actuarial accrued liability is the total of the actuarial liability for all members less the actuarial value of the System's assets.

Experience gains and losses, i.e., decreases or increases in liabilities and/or in assets when actual experience differs from the actuarial assumptions, affect the unfunded actuarial accrued liability.

### **Asset Valuation Method**

Asset amounts are taken as reported to the actuaries by the System without audit or change, except that State assets are allocated to State, Judges and Legislators based on total actuarial liability.

### **Amortization**

The unfunded actuarial accrued liability is being amortized as a level percentage of pay over a 30-year period on a closed basis. As of June 30, 2014, there were 23 years (PLDs over 16 years) remaining in the amortization schedule.

Significant actuarial assumptions employed by the actuary for funding purposes as of June 30, 2014 are as follows:

Investment Return – 7.25% per annum, compounded annually

Salary Increases – State employees, 3.5% to 10.5% per year; Teachers, 3.5% to 13.5% per year; Consolidated Plan for PLDs, 3.5% to 9.5% per year; Legislative and Judicial, 3.5% per year.

Mortality Rates – For active State employee members and non-disabled retirees of the State employees, participating local districts, legislator and judicial plans, the RP2000 Tables projected forward to 2015 using Scale AA are used; for active members and non-disabled retirees of the teachers' plan, the ages are set back two years; for all recipients of disability benefits, the RPA 1994 Tables for pre-1995 disabilities are used.

Cost of Living Benefit Increases - N/A

Participation Percent for Future Retirees – 100% of those currently enrolled

Conversion Charges - Apply to the cost of active group life insurance not retiree group life insurance

Form of Benefit Payment - Lump Sum

## SUPPLEMENTARY INFORMATION SCHEDULE OF INVESTMENT EXPENSES For the Year Ended June 30, 2014

Retiree	ĕ	<u>Irust</u>	\$ - \$ 50,001	- 550,000	- 296,206		- 356,250		- 629,054	- 839,244	- 1,367,014	- 294,418	- 599,887	- 644,151	- 1,218,301	- 989,821	- 232,867	495,590	200	- 2,831,432	- 6,168	000 000 0
		OPEB ITUST	Ι <del>•</del>	I	I		I		ı	I	I	ı	I	I	I	I	I	I		I	I	
Defined	Contri- bution	Plans	l ₩	I	I		I		I	I	I	I	I	I	I	I	I	I		I	I	
	Group Life Insurance	Flan	Ι <del>છ</del>	I	ı		I		I	I	I	ı	ı	ı	ı	ı	I	I		I	I	
	PLD Pre- Consolidated	Plan	\$ 149	1,636	881		1,060		1,871	2,496	4,066	876	1,784	1,916	3,623	2,944	693	1,474	0	8,471	18	1909
ā	PLD Consolidated	rian Lian	\$ 9,394	103,331	55,650		086'99		118,183	157,673	256,827	55,314	112,704	121,020	228,888	185,962	43,750	93,109	, , , ,	53T,955	1,159	700 000
State	Employee and Teacher	Pian	\$ 40,458	445,033	239,675		288,260		209,000	679,075	1,106,121	238,228	485,399	521,215	985,790	800,915	188,424	401,007	, , ,	2,291,056	4,991	1640 120
		Consultants:	Cliffwater Infrastructure	Cliffwater – Private Equity	ORG – Real Estate	Strategic Investment Solutions –	General	Infrastructure:	Alinda Infrastructure	ArcLight V	Brookfield Infrastructure II	Carlyle Infrastructure	Cube Infrastructure	First Reserve Energy Infrastructure	GIPII	Global Infrastructure	KKR Infrastructure	Meridiam	Other investments:	Grantnam, Mayo, van Otenoo (GMO)	PIMCO	Windham Capital

### SUPPLEMENTARY INFORMATION SCHEDULE OF INVESTMENT EXPENSES For the Year Ended June 30, 2014 (continued)

<u>Total</u>	13,118 1,660,913	946,360	292,172	37,430	385,452	50,001	168,313	123,600	487,681	1,086,413	298,229	304,246	92,626	1,030,991	81,752	92,163
Retiree Health Insurance Trust	\$ 8,457 \$	13,068	1 5	24,406	I	ı	I	I	I	I	I	I	I	I	I	I
MainePERS <u>OPEB Trust</u>	\$ 517	785	1 3	1,416	I	ı	I	I	I	I	I	I	I	I	I	I
Defined Contri- bution Plans	I I <del>∽</del>	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Group Life Insurance Plan	\$ 4,144	6,705	1 6	11,608	I	I	I	I	I	I	I	I	I	I	I	I
PLD Pre- Consolidated Plan	\$ 4,940	2,753	869	I	1,146	149	501	368	1,450	3,231	887	902	275	3,066	243	274
PLD Consolidated Plan	\$ 312,044	173,935	54,892	I	72,417	9,394	31,622	23,221	91,623	204,110	56,030	57,160	17,402	193,697	15,359	17,315
State Employee and Teacher Plan	\$ 1,343,929	749,114	236,411	I	311,889	40,458	136,190	100,011	394,608	879,072	241,312	246,181	74,949	834,228	66,150	74,574
Domockis on its	Donnestic equity. Blackrock Extended Equity Blackrock DJ Total Stock Market	International equity: Blackrock ACWIEX_US	Fixed income: Blackrock Custom Fixed Income	Blackrock US Debt Index Fund B Private equity:	ABRY ASF II	ABRY ASF III	ABRY Partners VII	ABRY Senior Equity IV	Advent GPE VII	Affinity Asia Pacific IV	Berkshire VIII	Blackstone Capital Partners VI	Carlyle Asia Partners III	Carlyle Asia Partners IV	Charterhouse IX	Charterhouse VIII

### SUPPLEMENTARY INFORMATION SCHEDULE OF INVESTMENT EXPENSES For the Year Ended June 30, 2014 (continued)

																										- 1	IIVA
			Total		584,282	450,000	154,059	448,682	440,890	600,000	550,089	371,498	224,146	(87,499)	44,939	293,279	664,565	257,406	96,467	1,835,870	48,155	276,132	188,337	268,454	38,557	440,159	412,339
					↔																						
Retiree	Health	Insurance	Trust		l ₩	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
		MainePERS	OPEB Trust		l ₩	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Defined	Contri-	bution	<u>Plans</u>		 <del>()</del>	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
Group	Life	Insurance	Plan		l ₩	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
	PLD Pre-	Consolidated	Plan		\$ 1,738	1,338	458	1,334	1,311	1,784	1,636	1,105	299	(260)	134	872	1,976	992	287	5,460	143	821	260	798	115	1,309	1,226
	PLD	Consolidated	Plan		\$ 109,772	84,544	28,944	84,296	82,832	112,725	103,348	69,795	42,111	(16,439)	8,443	55,100	124,855	48,360	18,124	344,914	9,047	51,878	35,384	50,436	7,244	82,695	77,468
State	Employee	and Teacher	Plan		\$ 472,772	364,118	124,657	363,052	356,747	485,491	445,105	300,598	181,368	(70,800)	36,362	237,307	537,734	208,280	78,056	1,485,496	38,965	223,433	152,393	217,220	31,198	356,155	333,645
				Private equity (continued):	CVC Capital VI	Encap Energy IX	Encap Energy VIII	GTCR X	Hellman & Friedman PE	HIG Bayside III Europe	HIG Bayside PE	HIG Capital Europe II	HIG Capital V	HIG Buyouts II	Kelso VIII	KKR North America	KKR Special Situations	Oaktree	Onex Partners III	Riverside Capital Appreciation VI	Shoreview Capital III	Summit GE VIII	Summit VC III	TCV VIII	Thomas Bravo XI	Water Street Healthcare III	Wayzata OPP III

### SUPPLEMENTARY INFORMATION SCHEDULE OF INVESTMENT EXPENSES For the Year Ended June 30, 2014 (continued)

	State Employee and Teacher Plan	PLD Consolidated Plan	PLD Pre- Consolidated Plan	Group Life Insurance Plan	Defined Contri- bution	MainePERS <u>OPEB Trust</u>	Retiree Health Insurance Trust	Total
Real estate:								
Blackrock US Real Estate								
Securities Fund B	Ι <del>•</del>	Ι <del>છ</del>	l ₩	\$ 3,656	ا <del>ن</del>	\$ 463	\$ 7,270	\$ 11,389
BREP VII	910,295	211,359	3,346	I	I	I	I	1,125,000
H/2 Credit Partners	675,088	156,747	2,481	I	I	I	I	834,316
Harrison Street Real Estate	515,378	119,664	1,894	I	I	I	I	636,936
High Street IV	584,339	135,676	2,148	I	I	I	I	722,163
KKR REPA I	207,118	48,090	761	I	I	I	I	255,969
JP Morgan	1,344,072	312,077	4,940	I	I	I	I	1,661,089
Mesa West Core	265,533	61,653	926	I	I	I	I	328,162
PMIT	164,999	38,311	909	I	1	I	I	203,916
Principal	629,244	146,103	2,313	I	I	I	I	777,660
Prudential	789,330	183,273	2,901	I	I	I	I	975,504
Smart Markets	262,931	61,049	996	I	I	I	I	324,946
Walton Street RE VII	196,476	45,619	722	I	I	I	I	242,817
Westbrook IX	287,636	982'99	1,057	1	I	I	I	355,479
Other investment expenses	715,912	166,224	2,634	I	79,473	I	I	964,243
In-house investment management	2,168,868	503,584	7,972	18,877	1	2,209	ı	2,701,510
Total investment expenses	\$ 33,279,424	\$_7,727,068	\$ 122,321	\$ 44,990	\$_79,473	\$ 5,390	\$ 53,201	\$_41,311,867

## SUPPLEMENTARY INFORMATION SCHEDULE OF ADMINISTRATIVE EXPENSES For the Year Ended June 30, 2014 (continued)

	State			Group	Defined	Retiree	
	Employee	PLD	PLD Pre-	Life	Contri-	Health	
	and Teacher	Consolidated	Consolidated	Insurance	bution	Insurance	
	Plan	Plan	Plan	Plan	Plans	Trust	<u>Total</u>
Personal services	\$ 4,629,396	\$ 992,853	\$ 15,613	\$ 177,794	\$ 62,504	\$ 50,237	\$ 5,928,397
Professional services	1,366,670	293,106	4,609	52,487	18,452	14,831	1,750,155
Communications	315,313	67,624	1,063	12,110	4,257	3,422	403,789
Computer support and system development	545,404	116,971	1,839	20,946	7,364	5,919	698,443
Office rent and building operations	209,754	44,985	707	8,056	2,832	2,276	268,610
Miscellaneous:							
Computer maintenance and supplies	582,634	124,956	1,965	22,376	7,867	6,323	746,121
Depreciation	330,841	70,954	1,116	12,706	4,467	3,590	423,674
Office equipment and supplies	29,827	6,397	101	1,146	403	324	38,198
Professional development	38,224	8,198	129	1,468	516	415	48,950
Medical records and exams	22,978	4,928	77	882	310	249	29,424
Miscellaneous operating expenses	225,355	48,332	762	8,655	3,043	2,444	288,591
Total miscellaneous	1,229,859	263,765	4,150	47,233	16,606	13,345	1,574,958
Total administrative expenses	\$ 8,296,396	\$ 1,779,304	\$ 27,981	\$ 318,626	\$ 112,015	\$ 90,030	\$ 10,624,352

### SUPPLEMENTARY INFORMATION SCHEDULE OF PROFESSIONAL FEES For the Year Ended June 30, 2014

Professional services:

Audit	\$ 129,359
Actuarial services	344,932
Legal services	205,257
Medical consulting	137,915
Other services	932,692

### INVESTMENT SECTION





Board of Trustees Maine Public Employees Retirement System 46 State House Station Augusta, ME 04333-0046 November 6, 2014

RE: 2014 Annual MainePERS Plan Verification

Ladies and Gentlemen of the Board:

As independent investment advisor to the Board of Trustees of the Maine Public Employees Retirement System (MainePERS), we comment on the reporting of MainePERS' investment results, MainePERS' investment policy and the Board's oversight of System investments.

### **Investment Results**

Investment results are calculated independently by MainePERS' custodian, and reviewed by Strategic Investment Solutions for reasonableness. It is our understanding that all measurements and comparisons have been made using standard performance evaluation methods, time-weighted rates of return and assets reported at fair value, consistent with industry standards. MainePERS' investment results, as presented in this report, fairly represent, in our opinion, the investment performance of MainePERS' assets.

### **Investment Policy**

MainePERS' assets are managed under well-articulated policies, which, in our opinion, are appropriate to the circumstances of MainePERS. Investment policy is progressive, yet prudent. The policies ensure diversification and exhibit attention to risk control generally. Throughout the year, the Board, Executive Director, and staff have taken appropriate measures to ensure that investments have conformed with the Board's policies.

### **Prudent Oversight**

While delegating day-to-day investment management responsibility to its staff, the Board retains the responsibility to monitor all aspects of investment. In our opinion, the Board has established and executed an appropriately comprehensive process for overseeing the management of assets. Through regular reviews by the Board, quarterly performance appraisals by an independent firm, and the day-to-day oversight activities of the staff, the Board has achieved a high degree of awareness and critical oversight of MainePERS' investments.

Sincerely

John P. Meier, CFA

Managing Director



### **INVESTMENT ACTIVITY**

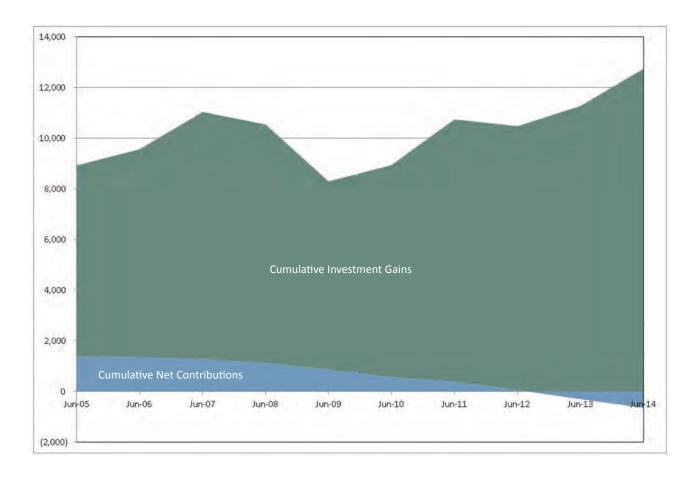
The table and graph below summarize the defined benefit portfolio activity for the ten years ended June 30, 2014. During this period, assets grew by \$4.7 billion from \$8.0 billion to \$12.7 billion. Substantially all of this increase is attributable to net investment gains. In the year ended June 30, 2014, benefit payments exceeded contributions, and this is expected to continue in the future.

The rates of return displayed in the table are time weighted rates of return. The table displays the net invested assets of the investment portfolio. Securities lending liabilities are netted against securities lending collateral. Certain assets, such as cash in the System's operating bank accounts are not considered part of the investment portfolio, and are therefore not included in the table or graph.

### SUMMARY OF INVESTMENT ACTIVITY

FY Ended June 30	Opening Market Value (\$ millions)	Closing Market Value (\$ millions)	Rate of Return
2014	\$11,264	\$12,732	16.7%
2013	\$10,470	\$11,264	11.1%
2012	\$10,739	\$10,470	0.6%
2011	\$8,934	\$10,739	22.4%
2010	\$8,291	\$8,934	11.1%
2009	\$10,538	\$8,291	-18.8%
2008	\$11,031	\$10,538	-3.1%
2007	\$9,559	\$11,031	16.2%
2006	\$8,921	\$9,559	7.5%
2005	\$8,021	\$8,921	11.8%
	Annualized 10-year period	I	6.9%
	Cumulative 10-year period	I	94.9%

### SUMMARY OF INVESTMENT ACTIVITY (continued)



### **INVESTMENT PORTFOLIO**

The graph above illustrates the importance of investment returns to the financing of the System's benefit plans. In this section, the investment strategy MainePERS has adopted to optimize the financial health of the plans is reviewed.

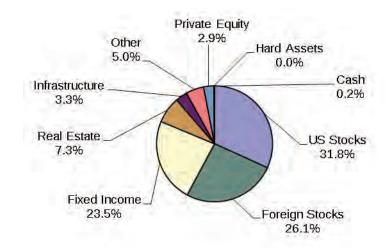
The System invests essentially all of the plan assets in seven major asset classes: publicly traded domestic stocks, publicly traded foreign stocks, cash and cash-like securities, publicly traded domestic bonds, infrastructure, private equity, and real estate. MainePERS may use derivative positions to emulate these asset classes. The table and pie charts on the following page display the actual allocations at June 30, 2014. MainePERS assigns target allocations for each asset class, with minor variations permitted between actual allocations and the targets. The current strategic targets are 20% for domestic stocks, 20% for foreign stocks, 35% for alternatives and 25% for fixed income.

The Board of Trustees is of the view that a prudent investment strategy for these plan assets involves accepting some level of investment risk. The Board allocates 60% to 80% of assets to equities and equity like securities and is of the view that this provides a prudent compromise between low risk and high return for the plans.

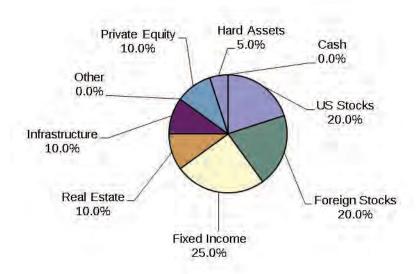
### STRATEGIC ASSET ALLOCATION

	US <u>Stocks</u>	Foreign <u>Stocks</u>	Fixed Income	Real <u>Estate</u>	Infrastructure	<u>Other</u>	Private <u>Equity</u>	Hard <u>Assets</u>	<u>Cash</u>	<u>Total</u>
Actual Allocation	31.8%	26.1%	23.5%	7.3%	3.3%	5.0%	2.9%	0.0%	0.2%	100.0%
Target Allocation	20.0%	20.0%	25.0%	10.0%	10.0%	0.0%	10.0%	5.0%	0.0%	100.0%

Actual Allocation at June 30, 2014



Strategic Target Allocation



### **INVESTMENT SECTION**

The System's Investment Policy has long-term, strategic asset class targets and requires the investment team to rebalance the portfolio to these targets as needed. In 2012, the System changed its target allocation to 20% domestic publicly traded stocks, 20% international publicly traded stocks, 25% fixed income investments, and 35% alternative investments. Alternative investments include private equity, infrastructure, real estate, and hard assets. While the Board has approved the new Asset Allocation targets, it will take several years to implement and fully fund the alternatives allocation.

Because most of its benefit payments are not due for several decades into the future, the System has concluded it is prudent to invest a substantial portion of its assets in equities and other return-seeking investments. For the past ten years, the System has invested between 60% and 70% of its assets in equities. Over sufficiently long periods, equities have been shown to outperform bonds. The System expects this relationship to hold in the future.

Essentially all of the assets of the System's plans are in portfolios managed by professional investment management firms. These managers act as fiduciaries and invest the assets assigned to them in accordance with the System's investment policies and the individual agreements between MainePERS and the investment managers.

Approximately 80% of assets were invested in passively managed index funds and separate accounts at June 30, 2014. The Board of Trustees views index funds as a cost-effective way of investing in most of the world's capital markets. However, the System does make use of actively managed portfolios where it has identified managers who are thought to be able to add value over an index fund, net of all costs. At June 30, 2013, approximately 85% of assets were invested in passively managed index funds.

The System uses a single firm to manage all of its passive investments. This enables the System to obtain attractive fees and also provides other cost savings on certain kinds of transactions. Since passively managed portfolios have a low risk of significantly underperforming their benchmarks, the Board, the investment staff, and the System's investment consultant find this concentration of assets to be appropriate.

In fiscal year 2013, the System conducted a thorough review of its strategic asset allocation. This type of review is typically conducted every three years with the assistance of the System's actuary and the general investment consultant.

### BENEFIT PLANS - INVESTMENT PORTFOLIO

Passive Equity         \$ 4,045           BlackRock (Domestic)         \$ 3,316           BlackRock (International)         3,316           Total Passive Equity         \$ 7,361           Passive Fixed Income         BlackRock Custom Index Fund         \$ 2,988	31.8% 26.0% 57.8% 23.5% 23.5% 0.5% 0.7% 0.7% 0.1% 1.5%	\$ \$ \$	3,879 2,717 <b>6,596</b> 2,878 <b>2,878</b>	34% 24% <b>59%</b>
BlackRock (International) 3,316  Total Passive Equity \$ 7,361  Passive Fixed Income BlackRock Custom Index Fund \$ 2,988	26.0% 57.8% 23.5% 23.5% 0.5% 0.7% 0.7% 0.1% 1.5%	\$ \$ \$	2,717 <b>6,596</b> 2,878 <b>2,878</b>	24% <b>59%</b> 26%
Passive Fixed Income BlackRock Custom Index Fund \$ 2,988	23.5% 23.5% 0.5% 0.7% 0.7% 0.1% 1.5%	\$ <b>\$</b>	2,878 <b>2,878</b>	26%
BlackRock Custom Index Fund \$ 2,988	0.5% 0.7% 0.7% 0.1% 1.5%	\$	2,878	
	0.5% 0.7% 0.7% 0.1% 1.5%	\$	2,878	
Total Passive Fixed Income \$ 2,988	0.7% 0.7% 0.1% 1.5%	\$	·	26%
Real Estate	0.7% 0.7% 0.1% 1.5%	\$		
Blackstone RE Partners VII \$ 63	0.7% 0.1% 1.5%		45	0%
Harrison Street 87 H/2 Credit Partners 92	0.1% 1.5%		80 87	1% 1%
High Street IV 9				
JP Morgan Strategic Property Fund 186 KKR REPA I 12	0.1%		168	1%
Mesa West Core 64	0.5%		70	40/
Principal US Property Fund 84 Prima Advisors Mortgage Fund 85	0.7% 0.7%		78 84	1% 1%
Prudential PRISA Fund 127	1.0%		116	1%
Smart Markets 102 Walton Street VII 19	0.8% 0.1%			
Westbrook IX5	0.0%		5	0%
Total Real Estate \$ 933	7.3%	\$	661	6%
Infrastructure Alinda Infrastructure Fund II \$ 44	0.3%	\$	31	0%
ArcLight Co-Invest 9	0.1%	Ψ		
ArcLight Energy Partners V 54 Brookfield II 26	0.4% 0.2%		25	0%
Carlyle Infrastructure Fund 42	0.3%		35	0%
Cube Infrastructure Fund 50 First Reserve Energy 31	0.4% 0.2%		42 26	0% 0%
Global Infrastructure Partners Fund 44	0.3%		52	0%
Global Infrastructure Partners Fund II 33 KKR Infrastructure 64	0.3% 0.5%		29 40	0% 0%
Meridiam Infrastructure25	0.2%		20	0%
Total Infrastructure \$ 421	3.3%	\$	299	3%
Other Strategies Grantham, Mayo, Van Oterloo \$ 330	2.6%	\$	296	3%
Windham Capital 311	2.4%		264	2%
Private Equity \$ 641	5.0%	\$	560	5%
ABRY Advanced Securities Fund II \$ 13	0.1%	\$	10	0%
ABRY Advanced Securities Fund III 0 ABRY Senior Equity IV 3	0.0% 0.0%		2	0%
ABRY VII 9	0.1%		7	0%
Advent International 15 Affinity Asia Pacific IV 2	0.1% 0.0%		7	0%
Berkshire VIII 5	0.0%		4	0%
Blackstone Cap VI 16 Carlyle Asia Partners Fund III 12	0.1% 0.1%		8 11	0% 0%
Carlyle Asia Partners Fund IV 6	0.0%			
CVC Capital Partner VI 0 EnCap Energy Capital Fund VIII 22	0.0% 0.2%		15	0%
EnCap Energy Capital Fund VIII Co-Invest 13	0.1%		9	0%
EnCap Energy Capital Fund IX 5 GTCR 29	0.0% 0.2%		2 22	0% 0%
Hellman & Friedman 19 HIG Bavside Loan Opportunity II 15	0.2%		8 11	0% 0%
HIG Bayside Loan Opportunity II 15 HIG Bayside Loan Opportunity III (Europe) 9	0.1% 0.1%		3	0%
HIG Buyouts II 4 HIG Capital Partners V 0	0.0% 0.0%		3	0%
HIG Capital Partners II (Europe) 0	0.0%			
KKR North America XI 30 KKR Special Situations 46	0.2% 0.4%		3 25	0% 0%
Oaktree Opportunity Fund VIII 25	0.2%		30	0%
Riverside Capital Appreciation VI 6 Shoreview Capital III 4	0.0% 0.0%			
Summit GE VİII 13	0.1%		3	0%
Summit VC III 8 TCV III 3	0.1% 0.0%		4	0%
Thoma Bravo 1	0.0%			
Water Street Healthcare 2 Wayzata 3	0.0% 0.0%		2	0% 0%
MainePERS Secondary Fund23	0.2%		25	0%
Total Private Equity \$ 364	2.9%	\$	216	2%
Cash Liquidity Account 23	0.2%		51	0%
Total Cash \$ 23	0.2%	\$	51	0%

### LARGEST HOLDINGS at June 30, 2014

T 400' 10 01 1111		0/ 5 8
Top 10 Direct Common Stock Holdings	Market Value	% of Assets
Apple	\$ 102,214,172	0.80%
Exxon Mobil	78,945,806	0.62%
Google	59,862,049	0.47%
Microsoft	57,239,463	0.45%
Johnson & Johnson	53,926,379	0.42%
General Electric	48,081,284	0.38%
Wells Fargo	45,873,264	0.36%
Chevron	45,301,764	0.36%
Berkshire Hathaway	41,519,020	0.33%
JP Morgan Chase	39,664,686	0.31%

Some of the System's index fund investments are made through commingled funds, with MainePERS owning units in the funds, and having beneficial, rather than direct ownership of the securities. The largest holdings list reports direct holdings held outside of the commingled funds. For a complete list of the System's holdings, please contact MainePERS.

### **SECURITIES LENDING**

MainePERS earns additional income on its investment portfolio by lending its securities. The System pays its custodian for managing the securities lending program. Information regarding the results of the securities lending program for the current and prior fiscal years may be found in the Financial Section starting on page 18.

Several of the collective trusts through which the System holds interests in commingled funds also lend securities. Because these trusts are legal entities separate from MainePERS, their lending activities are not reflected in the securities lending results reported in the financial statements. The System shares in the income and the risks of the securities lending activity in the commingled funds, and the income is included in the total income and return figures in this Investment Section and the Financial Statements.



### **INVESTMENT PERFORMANCE**

The table on the following pages displays the rates of return on the System's investment portfolio over the last ten fiscal years, and for the three, five, and ten-year periods ended June 30, 2014. Because the System's investment strategy has changed very little from year to year, these results are determined almost entirely by the behavior of the capital markets. Negative returns for the fiscal years ended June 30, 2008, and 2009 were the result of declines in domestic and foreign stock markets, partially offset by gains in the domestic bond market.

Over the ten-year period, the annualized rate of return on the System's assets was 6.9%. MainePERS experienced eight years of positive returns and two years of negative returns. These results are consistent with the long-term risk/return strategy that forms the basis of the System's policies. At 6.9%, the ten-year return has underperformed relative to the 7.125% and 7.25% investment return assumptions utilized in the actuarial process.

Because the Board of Trustees rarely changes its asset class allocation targets, most of the System's investment return is determined by the choice of targets, i.e., by the System's choice of investment strategy and, as mentioned above, the behavior of the capital markets in general. A small portion of the investment return is determined by how well the investment managers perform their assignments. To measure this, the Board compares the return on each manager's portfolio to an appropriate benchmark. Over the ten years ended June 30, 2014, the return on the System's actual total portfolio approximated the return on its total performance benchmark. Positive relative performance in five of the ten years was offset by negative performance in five of the ten years. In terms of asset classes, negative relative performance in domestic and international equities over the ten years was offset by positive or equal relative performance in other categories.

The total return figures in the table on pages 72 and 73 are net of all expenses that can be directly attributed to the investment program (see Expenses, page 74). The table reports time weighted rates of return and all figures for periods greater than one year are annualized.



(All returns are time weighted)

		TOTAL FUND		D	OMESTIC EQUIT	TY		FOREIGN EQUI	TY
Fiscal Yead Ended June 30	Actual Return	Benchmark <sup>(5)</sup> <u>Return</u>	Excess Return (1)	Actual Return	Benchmark <sup>(6)</sup> <u>Return</u>	Excess Return (1)	Actual Return	Benchmark (7) Return	Excess Return (1)
2014	16.7%	15.6%	1.1%	24.8%	25.0%	-0.2%	22.0%	22.3%	-0.3%
2013	11.1%	10.4%	0.8%	21.5%	21.5%	0.1%	13.9%	14.1%	-0.2%
2012	0.6%	1.4%	-0.8%	3.8%	4.0%	-0.2%	-14.3%	-14.2%	-0.2%
2011	22.4%	21.5%	0.9%	32.6%	32.4%	0.2%	30.0%	30.3%	-0.3%
2010	11.1%	11.9%	-0.8%	18.3%	16.1%	2.2%	9.7%	10.9%	-1.2%
2009	-18.8%	-19.4%	0.5%	-29.3%	-26.4%	-2.9%	-32.1%	-30.5%	-1.6%
2008	-3.1%	-1.9%	-1.2%	-15.0%	-12.5%	-2.4%	-7.5%	-6.2%	-1.3%
2007	16.2%	16.3%	-0.2%	19.9%	20.5%	-0.6%	29.8%	30.2%	-0.4%
2006	7.5%	7.3%	0.2%	9.4%	9.9%	-0.6%	28.0%	27.9%	0.1%
2005	11.8%	12.1%	-0.4%	7.9%	8.2%	-0.3%	15.7%	16.5%	-0.8%
2004	16.6%	15.9%	0.7%	21.3%	21.2%	0.1%	30.5%	32.0%	-1.5%
2003	5.3%	4.3%	1.0%	0.9%	1.3%	-0.4%	-4.5%	-4.6%	0.1%
2002	-7.5%	-6.8%	-0.7%	-17.4%	-16.6%	-0.9%	-9.5%	-8.4%	-1.1%
2001	-7.9%	-7.8%	-0.1%	-14.8%	-15.3%	0.6%	-24.0%	-24.1%	0.1%
3 years ending 2014	9.3%	8.9%	0.3%	16.3%	16.4%	-0.1%	6.0%	6.2%	-0.2%
5 years ending 2014	12.1%	12.0%	0.2%	19.8%	19.4%	0.4%	11.2%	11.6%	-0.4%
10 years ending 2014	6.9%	6.9%	0.0%	7.7%	8.4%	-0.7%	7.5%	8.1%	-0.7%

### Notes:

- 1. Excess Return is Actual Return minus Benchmark Return.
- 2. The asset class of General Fixed Income was closed in the 1st quarter of 2007 and re-opened in the 4th quarter of 2008.
- 3. Fixed Income includes TIPS as of 7/31/04.
- 4. The Real Estate Return for the year ending 06/30/05 is attributable to REIT's only.
- 5. Total Fund Benchmark: A combination of the the benchmarks for the five major asset classes using the target asset class weights.
- 6. Domestic Equity Benchmark: Dow Jones US Total Stock Market Index.

TABLE CONTINUED ON NEXT PAGE

# PERFORMANCE: ACTUAL RETURNS VS. BENCHMARK RETURNS

(All returns are time weighted)

	FIXED INCOME	(2,3)		REAL ESTATE (4	9	1	NFRASTRUCTU	RE		PRIVATE EQUIT	ΓY
Actual Return	Benchmark <sup>(a)</sup> Return	Excess Return (1)	Actual Return	Benchmark (9) Return	Excess Return (1)	Actual Return	Benchmark (10) Return	Excess Return (1)	Actual Return	Benchmark (11) Return	Excess Return (1)
3.8%	4.4%	-0.6%	10.7%	5.5%	5.1%						
-1.9%	-0.7%	-1.3%	10.2%	7.8%	2.4%						
8.8%	9.0%	-0.1%	11.1%	13.4%	-2.3%						
6.2%	3.9%	2.3%	22.5%	16.0%	6.5%			- / /			
10.8%	9.5%	1.3%	-4.1%	-1.5%	-2.6%	D	ata Not Meaning	ful <sup>12</sup>	Ď	ata Not Meaning	ful <sup>12</sup>
-0.8%	6.1%	-6.9%	-35.0%	-19.6%	-15.4%						
17.5%	7.1%	10.3%	3.0%	9.2%	-6.2%						
3.4%	6.1%	-2.7%	16.5%	17.2%	-0.7%						
-5.6%	-0.8%	-4.8%	20.2%	20.5%	-0.4%						
16.1%	6.8%	9.3%	6.6%	6.6%	0.0%						
4.2%	0.3%	3.9%									
13.1%	10.4%	2.7%									
7.2%	8.6%	-1.4%									
9.7%	11.2%	-1.6%									
3.5%	4.1%	-0.7%	10.7%	8.8%	1.8%						
5.4%	5.1%	0.3%	9.7%	8.1%	1.7%						
5.6%	5.1%	0.5%	4.8%	6.9%	-2.2%						

# Notes (continued):

- 7. Foreign Equity Benchmark: Morgan Stanley Capital International All Country World Ex-U.S. Free, since Jan. 1, 1998
- 8. General Fixed Income Benchmark: Barclays Capital Aggregate Bond Index less Governments plus TIPS, since Oct 2008
- 9. Real Estate Benchmark: A combination of DJ Wilshire Real Estate Securities Index and National Council of Real Estate Investment Fiduciaries Property Index since July 1, 2005
- 10. Infrastructure Benchmark: Consumer Price Index + 5%
- 11. Private Equity Benchmark: Dow Jones US Total Stock Market Index + 3%
- 12. Infrastructure and Private Equity returns are not meaningful at this stage of the program.

TABLE CONTINUED FROM PREVIOUS PAGE

### **INVESTMENT EXPENSES**

The adjacent table displays investment management expenses directly attributable to the investment program and paid directly by the System. Examples of directly attributable expenses include fees paid to investment managers and compensation and expenses of the System's own investment professionals. Examples of expenses not directly attributable to the investment program and therefore not included in expenses include office space expense and time spent on investment matters by staff other than full-time investment professionals. Other expenses not paid directly by the System include the expenses of securities lending programs conducted by managers of the commingled funds.

Where the table displays an expense as a percentage of assets, the percentage is calculated with respect to the assets associated with the particular expense item. For example, Prudential Real Estate Fund's \$1.0 million of management fees in 2014 was approximately 0.90% of the average assets managed by Principal.

The increase of expenses in 2014 can be attributed to continued funding of the Alternatives Programs and adding internal investment professionals.

Total for <u>FY ended June 30</u>	\$ Millions	% of <u>Total Assets</u>
2014	41.1	0.32%
2013	31.4	0.28%
2012	24.3	0.23%
2011	19.7	0.18%
2010	22.0	0.25%
2009	23.1	0.28%
2008	34.6	0.19%
2007	19.7	0.33%
2006	18.8	0.20%
2005	15.3	0.17%

### INVESTMENT MANAGEMENT EXPENSES

Detail for year ended 6/30/2014	<u>Dollar Expense</u>
Investment management fees	41,311,867
Passive Equity BlackRock (Domestic) BlackRock (International)	1,660,913 925,802
Passive Fixed Income BlackRock Custom Index Fund	292,172
Real Estate Blackstone Real Estate Partners VII Harrison Real Estate H/2 Credit Partners High Street Real Estate IV JP Morgan Strategic Property Fund KKR REPA I Mesa West Core Prima Advisors Mortgage Fund Prudential PRISA Fund Smart Markets Walton Real Estate VII Westbrook IX	1,125,000 636,936 834,316 722,163 1,661,089 255,969 328,162 203,916 777,660 975,504 324,946 242,817 355,479
Infrastructure Alinda Infrastructure Fund II ArcLight V Brookfield II Carlyle Infrastructure Cube Infrastructure Fund First Reserve Energy Global Infrastructure Partners I Global Infrastructure Partners II KKR Infrastructure Meridiam Infrastructure	629,054 839,244 1,367,014 294,418 599,887 644,151 989,821 1,218,301 232,867 495,590
Private Equity  ABRY Advanced Securities Fund II  ABRY Advanced Securities Fund III  ABRY Senior Equity IV  ABRY SVII  Advent International  Affinity Asia IV  Berkshire VIII  Blackstone Capital Partners Fund  Carlyle Asia Partners Fund III  Carlyle Asia Partners Fund III  Carlyle Asia Partners Fund IV  CVC Capital VI  EnCap Energy Capital Fund VIII  EnCap Energy Capital Fund IX  GTCR  Hellman & Friedman  HIG Bayside Loan Opportunity Fund II  HIG Bayside Loan Opportunity III (Europe)  HIG Capital Europe II  HIG Capital Europe II  HIG Capital Situations  Oaktree Opportunity Fund VIII  Riverside Capital Appreciation VI  Shoreview III  Summit GE VIII  TCV VIII  Thoma Bravo XI  Water Street Healthcare  Wayzata  MainePERS Secondary Fund	385,452 50,001 123,600 168,313 487,681 1,086,413 298,229 304,246 92,626 1,030,991 584,282 154,059 450,000 448,682 440,890 550,089 600,000 175,000 371,498 224,146 293,279 664,565 257,406 1,835,870 48,155 276,132 188,337 268,454 38,557 440,159 412,339 315,321
Opportunistic Strategies Grantham, Mayo, Van Oterloo Pacific Investment Management Company Windham Capital	2,831,432 6,168 2,038,098
Consultants Cliffwater - Private Equity Cliffwater - Infrastructure ORG - Real Estate Strategic Investment Solutions - General	550,000 50,001 296,206 356,250
Other Investment Expenses In House Expenses DC Investment Expenses Retiree Health Insurance Trust Expenses Group Life Insurance Expenses MainePERS OPEB	622,271 2,680,424 79,473 53,201 44,990 5,390

# BROKERAGE COMMISSIONS Year Ended June 30, 2014

Broker	Con	nmissions			nt Traded lions)	Cost of Trade (%)	Total Shares (Millions)	Commissions (Cents per Share)
Wallabach	\$	43,494	\$	6	223.5	0.019%	4.3	0.010
UBS		25,038			438.8	0.006%	2.2	0.009
Morgan Stanley		7,107			162.4	0.004%	3.5	0.050
Deutsche Bank		6,259			106.7	0.006%	2.6	0.041
Merrill Lynch		5,008			140.4	0.004%	3.3	0.067
Citigroup		3,635			74.7	0.005%	1.5	0.040
Bank of New York/Goldman		3,418			73.6	0.005%	1.4	0.040
Barclays		3,156			55.3	0.006%	1.2	0.038
Instinet		1,439			8.7	0.017%	0.6	0.040
Credit Suisse First Boston		909			8.7	0.010%	0.6	0.061
Other		302			1.2	0.025%	0.0	0.010
Total	\$	99,767	9	6	1,293.9	0.008%	21.2	0.021

Commissions reported above are those paid directly by MainePERS. The table does not include other transaction costs the System may incur, nor does it include brokerage commissions incurred indirectly through investments in commingled funds. Brokerage commissions and other transaction costs are excluded from the expense table on page 72. Those commissions and expenses are accounted for in the net income and total return figures reported elsewhere in this report.

Selection of brokers is at the discretion of the System's investment managers, subject to their fiduciary obligations. MainePERS does not have any directed brokerage programs, commission recapture programs, or similar arrangements. Some of the System's managers have soft dollar arrangements with brokers, in which the broker agrees to provide additional services to the manager beyond trade execution. In addition some of the System's managers employ placement agents to market their funds. MainePERS does not pay placement agent fees and requires managers that do use placement agents to disclose the identity of said parties and the method and amount of payment.

### **GROUP LIFE INSURANCE PROGRAM**

The Group Life Insurance program is supported by premiums paid by its participants and by reserves. Substantially all the reserves are maintained in an investment portfolio, for which the summary results are displayed below. (Certain assets, such as the cash in the operating bank account, are not considered part of the investment portfolio.) Over this period, the increase in portfolio value is attributable to positive investment return and positive cash flow.

### SUMMARY OF INVESTMENT ACTIVITY

FY Ended June 30	Opening Fair Market Value	Closing Fair Market Value	Actual Return	Benchmark Return	<u>Performance</u>
2014	78.3	94.3	18.6%	18.3%	0.3%
2013	68.1	78.3	13.4%	13.1%	0.3%
2012	66.4	68.1	0.6%	0.5%	0.1%
2011	58.0	66.4	24.5%	24.4%	0.1%
2010	50.2	58.0	15.1%	15.1%	0.1%
2009	53.0	50.2	-18.8%	-19.0%	0.2%
2008	52.3	53.0	-3.1%	-1.9%	-1.2%
2007	44.3	52.3	16.2%	16.3%	-0.1%
2006	42.9	44.3	3.1%	3.9%	-0.8%
2005	41.8	42.9	2.7%	2.1%	0.6%
2004	41.5	41.8	0.7%	0.5%	0.2%
2003	39.3	41.5	5.5%	4.9%	0.6%
2002	36.6	39.3	7.5%	7.0%	0.5%
2001	34.4	36.6	9.5%	9.3%	0.2%
		3 yrs ended 2014	10.6%	10.4%	0.2%
		5 yrs ended 2014	14.1%	14.0%	0.2%
		10 yrs ended 2014	6.5%	6.6%	-0.1%

In fiscal year 2009, the Group Life Insurance assets were separated from the defined benefit plan assets while maintaining the same type of investment strategy. Up until this change, beginning in November 2005, the assets had been combined with those of the other plans in the general investment portfolio. Prior to November 2005, the assets had been invested in either a medium term, investment grade fixed income portfolio or similar commingled funds. While the assets were invested in a mutual fund, they were not available for the System's own securities lending program. Any securities lending undertaken by the mutual fund is not covered in this report, although any results are reflected in the total return or gain/loss figures.

Over the ten-year period ended June 30, 2014, the actual return on the portfolio was essentially equivalent to the return of the performance benchmark. A portion of investment return is determined by how well the investment manager performs its assignment. To measure this, MainePERS compares the returns on the actual portfolio to an appropriate benchmark.

The fees paid by the portfolio are consistent with those detailed in the fees and expenses tables of the previous section. For the period of time the portfolio was invested in a mutual fund, fees were consistent with other holders of the institutional class of shares, as detailed in the fund's prospectus.

# ACTUARIAL SECTION





Classic Values, Innovative Advice

October 31, 2014

Board of Trustees Maine Public Employees Retirement System #46 State House Station Augusta, Maine 04333-0046

Dear Members of the Board:

At your request, we have conducted our annual actuarial valuation of each of the funded pension programs administered by the Board of the Maine Public Employees Retirement System as of June 30, 2014. The purpose of this report is to present the annual actuarial valuation results for the various Programs. This report is for the use of the Public Employees Retirement Board and its auditors in preparing financial reports in accordance with applicable law and accounting requirements. Any other user of this report is not an intended user and is considered a third party. This valuation report is not intended to benefit any third party, and Cheiron assumes no duty or liability to any such party.

### **Funding Objective**

The funding objective of the Programs administered by 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 amortization of the unfunded liability over a specified period.

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 have been recommended by the actuary, and adopted by the Board of Trustees, based on the actuary's most recent review of each Program's experience.

We believe that all the 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 Programs administered by the System and reasonable expectations) and which, in the aggregate, offer our best estimate of anticipated experience affecting the Programs. 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.

The calculations in the following exhibits have been made on a basis consistent with our understanding of the System's funding requirements and goals. The Group Life Insurance numbers disclosed in the Financial Section were produced in accordance with the requirements of Governmental Accounting Standards Board (GASB) Statement No. 43. 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.

### **Reliance on Others**

In preparing our report, we relied on information (some oral and some written) supplied by the Maine Public Employees Retirement System. This information includes, but is not limited to, the plan provisions, employee data, and financial information. We performed an informal examination of the obvious characteristics of the data for reasonableness and consistency in accordance with Actuarial Standard of Practice No. 23.

Page 1 of 2



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

#### **Determination of Discount Rate**

We have not performed a formal cash flow projection as described under Paragraph 41 of GASB Statement No. 67. However, Paragraph 43 allows for alternative methods to confirm the sufficiency of the Net Position if the evaluations "can be made with sufficient reliability without a separate projection of cash flows into and out of the pension plan..." In our professional judgment, adherence to the actuarial funding policy described above will result in the pension plan's projected fiduciary net position being greater than or equal to the benefit payments projected for each future period..

### **Supporting Schedules**

The figures disclosed in the Required Supplemental Schedules to the Financial Section were provided by Cheiron. In addition, we were responsible for all of the schedules to be found in this Actuarial Section. Numbers reported for previous years were developed by the prior actuary and are reported per their valuation reports.

### Certification

We believe that 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.

To the best of our knowledge, this report and its contents have been prepared in accordance with generally recognized and accepted actuarial principles and practices that are consistent with the Code of Professional Conduct and applicable Actuarial Standards of Practice set out by the Actuarial Standards Board. Furthermore, as credentialed actuaries, we 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 our firm does not provide any legal services or advice.

Sincerely, Cheiron

Gene Kalwarski, FSA, EA Principal Consulting Actuary Fiona E. Liston, FSA, EA Principal Consulting Actuary

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# SECTION I DEMOGRAPHIC INFORMATION

	Cohodul	o of A	ativo Mombor Volu	otion F	) oto	
	Schedul	e or Ac	tive Member Valu	iation L	ata	
Valuation						
Date	Number of		nnual Salaries		erage	Percentage Increase
June 30,	Active Members	of A	ctive Members*	Ann	ual Pay	in Average Pay
State Emplo	yee and Teacher Progra	m				
2014	39,669	\$	1,702,310,338	\$	42,913	7.92%
2013	41,809		1,662,390,557		39,762	(8.93%)
2012	39,360		1,718,449,172		43,660	2.97%
2011	38,759		1,643,389,735		42,400	1.13%
2010	39,884		1,672,252,868		41,928	1.65%
2009	40,486		1,669,885,710		41,246	5.84%
2008	41,561		1,619,705,846		38,972	3.63%
Consolidate	ed Plan for Participating	Local I	Districts			
2014	10,848	\$	460,029,637	\$	42,207	2.79%
2013	11,112	•	458,424,764		41,255	(6.41%)
2012	10,772		474,828,262		44,080	7.55%
2011	10,614		435,012,940		40,985	6.99%
2010	10,331		395,747,663		38,307	(2.16%)
2009	9,719		380,541,135		39,154	3.80%
2008	9,562		360,693,816		37,722	5.58%
	 	cte				33333
			1 212 514	Φ.	F0 FC0	(0.000()
2014	24	\$	1,213,514		50,563	(0.92%)
2013	28		1,428,984		51,035	0.97%
2012	28		1,415,305		50,547	0.38%
2011	31		1,561,053		50,357	23.11%
2010	43		1,758,909		40,905	(10.90%)
2009 2008	43 50		1,974,113 2,089,427		45,910 41,789	9.86% (0.56%)
			2,069,427		41,709	(0.50%)
	irement System		0.000.450			(0.0404)
2014	60	\$	6,688,159		11,469	(0.81%)
2013	60		6,742,444		12,374	(2.36%)
2012	59		6,790,274		15,089	0.00%
2011	59		6,790,233		15,089	(2.39%)
2010	59		6,956,364		.17,904	0.03%
2009	57		6,718,453		17,868	7.63%
2008	59		6,461,343	1	.09,514	(0.61%)
Legislative	Retirement Program*					
2014	181	\$	2,517,431	\$	13,908	(0.14%)
2013	182		2,534,740		13,927	0.53%
2012	175		2,424,480		13,854	0.04%
2011	173		2,395,694		13,848	(1.25%)
2010	170		2,384,083		14,024	3.67%
2009	172		2,326,786		13,528	2.02%
2008	170		2,254,173		13,260	4.75%

<sup>\*</sup> Legislative salaries in even-numbered valuation years have been increased to approximate a full session amount because data was based on previous, odd numbered year, data.

# SECTION I DEMOGRAPHIC INFORMATION (continued)

	Schedule (	of Bene	efit Recipients Va	aluation	Data	
Valuation Date June 30,	Total Number of Benefit Recipients at Year End		ial Payments to efit Recipients		/erage al Benefit	Percentage Increase in Average Benefit
State Emplo	yee and Teacher Prog	ram				
2014 2013 2012 2011 2010 2009 2008	32,391 31,624 30,485 28,900 28,248 27,544 26,821	\$	658,595,271 637,482,081 614,303,923 569,141,838 547,042,219 525,718,969 485,529,823	\$	20,333 20,158 20,151 19,693 19,366 19,087 18,103	0.87% 0.03% 2.32% 1.69% 1.46% 5.43% 4.21%
Consolidate	ed Plan for Participatin	g Local	Districts			
2014 2013 2012 2011 2010 2009 2008	8,333 8,122 7,520 7,409 7,172 7,021 6,939	\$	123,149,154 116,539,396 110,230,682 102,681,024 96,787,246 93,249,060 87,059,562	\$	14,778 14,349 14,658 13,859 13,495 13,281 12,546	2.99% (2.11%) 5.77% 2.70% 1.61% 5.86% 4.94%
Withdrawn	Participating Local Dis	tricts				
2014 2013 2012 2011 2010 2009 2008	191 196 199 201 198 214 252	\$	2,712,331 2,605,703 2,631,584 2,485,447 2,355,639 2,355,639 2,636,025	\$	14,201 13,294 13,224 12,365 11,897 11,008 10,460	6.82% 0.53% 6.95% 3.93% 8.08% 5.24% 6.68%
Judicial Ret	irement Program					
2014 2013 2012 2011 2010 2009 2008	67 65 63 62 56 53	\$	3,250,749 3,258,916 3,129,136 3,099,334 2,794,145 2,603,792 2,484,586	\$	48,519 50,137 49,669 49,989 49,895 49,128 49,692	(3.23%) 0.94% (0.64%) 0.19% 1.56% (1.13%) 0.84%
Legislative	Retirement Program					
2014 2013 2012 2011 2010 2009 2008	153 155 141 145 131 130 120	\$	284,588 281,433 264,716 268,980 239,823 229,960 205,417	\$	1,860 1,816 1,877 1,855 1,831 1,769 1,712	2.42% (3.25%) 1.19% 1.31% 3.50% 3.32% 10.94%

# SECTION I DEMOGRAPHIC INFORMATION (continued)

	Schedule	of F	Retirees and B	eneficiari	es A	dded to and R	Removed from th	ie Ro	lls
							On Rolls		
Year	Ad	<u>aea 1</u>	to Rolls	Remo	<u>vea</u>	from Rolls	at Year End	1	
Ended June 30,	No.		Annual Allowance	No.		Annual Allowance	No.		Annual Allowance
State Empl	oyee and <sup>-</sup>	<b>Teac</b> l	ner Program						
2014 2013 2012 2011 2010 2009 2008	1,668 1,995 2,402 1,515 1,659 1,645 1,462	\$	36,572,188 37,073,840 58,170,235 35,608,087 36,147,606 53,170,359 42,000,560	901 856 817 863 955 912 942	\$	15,458,998 13,895,682 13,008,150 13,508,468 14,824,356 12,981,213 13,334,208	32,391 31,624 30,485 28,900 28,248 27,544 26,821	\$	658,595,271 637,482,081 614,303,923 569,141,838 547,042,219 525,718,969 485,529,823
Participatir	ng Local D	istric	ts (Consolida	ted and n	on-C	Consolidated F	Plans)		
2014 2013 2012 2011 2010 2009 2008	522 881 425 516 422 326 366	\$	9,978,396 9,563,286 10,710,058 8,796,407 6,462,161 8,821,806 7,295,589	316 300 316 276 287 287 295	\$	3,262,010 3,280,453 3,014,263 2,862,417 2,834,379 2,912,694 2,239,222	8,524 8,318 7,719 7,610 7,370 7,235 7,196	\$	125,861,485 119,145,099 112,862,266 105,166,471 99,232,481 95,604,699 89,695,587
Judicial Re	tirement P	rogr	am						
2014 2013 2012 2011 2010 2009 2008	6 3 3 6 3 5 8	\$	254,033 148,384 142,235 305,189 190,353 266,650 394,227	4 1 2 0 0 2 1	\$	262,201 18,604 112,433 0 0 147,444 71,836	67 65 63 62 56 53	\$	3,250,749 3,258,916 3,129,136 3,099,334 2,794,145 2,603,792 2,484,586
Legislative	Retiremen	nt Pr	ogram						
2014 2013 2012 2011 2010 2009 2008	5 18 2 18 5 18	\$	10,934 24,752 9,025 36,695 15,259 34,185 28,388	7 4 6 4 4 8 6	\$	7,779 8,035 13,289 7,538 5,396 9,642 3,501	153 155 141 145 131 130 120	\$	284,588 281,433 264,716 268,980 239,823 229,960 205,417

# SECTION II ACCOUNTING INFORMATION

Sched	ule o	Schedule of Change in Net Pension Liability as of June 30, 2014	Pen: 2014	sion Liability				
	S	State Employee & Teacher Program	ш	Consolidated Plan for PLD & Withdrawn		Judicial Retirement Program	-1 tF	Legislative Retirement Program
Total Pension Liability								
Service Cost	<del>()</del>	186,376,756	₩	72,802,833	↔	1,530,119	↔	400,072
Interest		842,229,062		181,018,066		3,773,959		510,813
Change in benefit terms		0		0		0		0
Difference between expected and actual experience		(17,694,278)		21,675,374		(324,891)		(46,483)
Change in assumptions		167,650,573		0		426,150		85,783
Benefit payments, including refunds		(689,053,212)		(131,761,477)		(3,219,480)		(317,606)
Net change in Total Pension Liability	↔	489,508,901	↔	143,734,796	↔	2,185,857	↔	632,579
Total Pension Liability – beginning of year	↔	11,830,649,882	↔	2,505,669,823	↔	52,374,785	↔	6,872,614
Total Pension Liability – end of year	↔	12,320,158,783		\$ 2,649,404,619	↔	54,560,642	↔	7,505,193
Plan Fiduciary Net Position								
Contributions – Employer	↔	304,328,386	₩	33,374,006	↔	932,223	↔	3,857
Contributions – Member		121,033,152		33,304,646		528,192		139,501
Net Investment Income		1,517,426,988		366,707,141		8,416,042		1,622,296
Benefit payments, including refunds		(689,053,212)		(131,761,477)		(3,219,480)		(317,606)
Administrative Expenses		(7,467,351)		(1,807,286)		(41,681)		(7,675)
Net Change in Plan Fiduciary Net Position	↔	1,246,267,963	₩	299,817,030	↔	6,615,296	↔	1,440,073
Plan Fiduciary Net Position – beginning of year	↔	9,091,347,964	↔	2,192,579,050	↔	50,574,604	↔	9,679,959
Plan Fiduciary Net Position – end of year	₩	10,337,615,927	↔	2,492,396,080	↔	57,189,900	↔	11,120,032
Net Pension Liability/(Asset) – end of year	↔	1,982,542,856	₩	157,008,539	↔	(2,629,258)	↔	(3,614,839)

# SECTION II ACCOUNTING INFORMATION (continued)

Ō	ensitivity of Net Pensio	Sensitivity of Net Pension Liability to Changes in Discount Rate as of June 30, 2014	in Discount Rate	
	State Employee & Teacher Program	Consolidated Plan for PLD & Withdrawn	Judicial Retirement Program	Legislative Retirement Program
Otco tangooid				
Discoult Ivaic				
1% Decrease	6.125%	6.25%	6.125%	6.125%
Current Discount Rate	7.125%	7.25%	7.125%	7.125%
1% Increase	8.125%	8.25%	8.125%	8.125%
Net Pension Liability				
1% Decrease	\$ 3,463,277,129	\$ 332,811,788	\$ 2,168,262	\$ (2,811,760)
Current Discount Rate	1,982,542,856	157,008,539	(2,629,258)	(3,614,839)
1% Increase	738,715,359	(278,189,312)	(6,810,102)	(4,288,607)

# SECTION II ACCOUNTING INFORMATION (continued)

Resulting from		ANALYSIS OF FINANCIAL EXPERIENCE Gain and Loss in Accrued Liability During Year Differences Between Assumed Experience and Actual Experience For Year Ended June 30, 2014	E Year nd Actual Experience	
	State Employee & Teacher Program	Consolidated Plan for PLD	Judicial Retirement Program	Legislative Retirement Program
Type of Activity				
Investment Income	\$ 639,521,136	\$ 110,262,333	\$ 2,483,976	\$ 475,733
Combined Liability Experience	17,694,276	(19,939,857)	324,891	46,483
Gain (or Loss) During Year from Financial Experience	\$ 657,215,412	90,322,476	\$ 2,808,867	\$ 522,216
Non-Recurring Items	(167,650,573)	0	(426,150)	(85,783)
Composite Gain (or Loss) During Year	\$ 489,564,839	\$ 90,322,476	\$ 2,382,717	\$ 436,433

# SECTION II ACCOUNTING INFORMATION (continued)

Valuation	(1) Active	Ф		(2) Retirees	(3) Active Members	nbers			Po	Portion of Accrued Liabilities Covered	pe.
Date	Member	er	Vest	sted Terms,	(Employer Financed	inanced		Reported	by	by Reported Assets	sets
June 30,	Contributions	tions	B	Beneficiaries	Portion	(μ		Assets	(1)	(2)	(3)
tate Empl	State Employee and Teacher Program	cher Progr	am								
2014	\$ 2,315	2,315,075,905	↔	7,572,038,285	\$ 2,43	2,433,044,593	↔	10,017,512,006	100%	100%	2%
2013	2,290	2,290,505,939		7,251,821,900	2,45	2,455,677,235		9,177,749,627	100%	95%	%0
2012	2,271	2,271,164,594		6,656,860,191	2,62	2,625,281,496		8,880,730,120	100%	%66	%0
2011	2,229	2,229,984,968		6,453,384,730	2,59	2,598,295,489		8,736,885,121	100%	100%	2%
2010	2,117	2,117,903,830		6,856,828,427	3,62	3,642,411,748		8,313,459,810	100%	%06	%
2008	2,002 1,898	2,002,784,788 1,898,148,565		6,209,005,616	3,05	3,696,290,955		8,631,557,629	100%	95% 100%	0% 15%
onsolidat	Consolidated Plan for Participating Local	articipating	y Local	Districts & Withdrawn	drawn						
2014	\$ 423	423,097,001	↔	1,493,728,396	\$ 73	732,579,221	↔	2,415,219,122	100%	,000	%89
2013	412	412,347,408		1,408,353,946	89	684,893,241		2,213,416,717	100%	100%	21%
2012	398	398,895,449		1,289,996,376	71	716,816,415		2,136,653,347	100%	100%	97
2011	379	379,478,840		1,202,315,483	89	685,780,199		2,119,465,931	100%	100%	78%
2010	352	352,496,429		1,110,451,355 1,065,571,576	30 20	659,894,751 642 568 466		2,045,337,000	100%	100%	708%
2008	300	300,245,422		1,019,812,922	63	533,570,676		2,201,652,592	100%	100%	139%
udicial Re	Judicial Retirement Program	gram									
2014	6	9,466,378	₩	28,785,537	\$	16,308,727	↔	55,419,017	7000	70007	105%
2013	O	9,464,604		26,716,806	П	16,619,525		51,055,251	100%	100%	%68
2012	<b>σ</b>	9,379,428		24,731,810	П	12,229,440		49,735,004	100%	100%	128%
2011	ຫ 0	9,028,737		24,690,578		14,148,981		49,324,784	100%	100%	110%
2009	υ /-	6,510,723 7,980,202		25.570.008		16.993.110		48,478,344	100%	100%	%88 88%
2008	7	7,481,505		24,943,576	П	15,209,371		50,418,942	100%	100%	118%
egislative	Legislative Retirement Program	Program									
2014	8	2,464,847	↔	5,073,388	₩	(33,042)	↔	10,775,701	100%	100%	9,798%
2013	7 0	2,303,217 2,321,819		3 895 976		(427,342)		9,771,955 0,322,410	100%	100%	2 013%
2012	10	2,321,019		3,693,970		(506.033)		9,322,419	100%	100%	2,013% 555%
2010	7	2,099,683		3,680,940		292,741		8,634,635	100%	100%	875%
2009	. 7	2,005,895		3,636,651		(142,737)		8,717,885	100%	100%	2,155%
2008	_	.,892,250		3.237.876		474.879		9.099.133			70360

# State Employee and Teacher Program

#### 1. Membership:

Membership is a condition of employment for state employees and teachers, and optional for elected and appointed officials.

Membership ceases on the earlier of withdrawal of contributions, retirement, or death.

### 2. Member Contributions:

Except as otherwise described below, members are required to contribute 7.65% of earnable compensation.

### **Contribution Requirements for Special State Employee Groups**

State police and inland fisheries and wildlife officers employed before 9/1/84 - 8.65% of earnable compensation for 20 years; 7.65% thereafter.

Forest rangers and state prison employees employed before 9/1/84 - 8.65% of earnable compensation until eligible for retirement; 7.65% thereafter.

1998 Special Plan employees which include state prison employees, airplane pilots, forest rangers, defense, veterans and emergency management firefighters employed at Bangor International Airport, corrections employees, Baxter State Park Authority rangers, fire marshals, investigators and inspectors, oil and hazardous materials emergency response workers and capitol security officers – 8.65% of earnable compensation for 25 years; 7.65% thereafter.

State police employed on or after 9/16/84 and special agent investigators hired before 6/21/82 - 8.65% of earnable compensation for 25 years; 7.65% thereafter.

Inland fisheries and wildlife officers and marine resources officers employed on or after 9/1/84 - 8.65% of earnable compensation for 25 years; 7.65% thereafter.

### 3. Average Final Compensation:

For purposes of determining benefits payable, average final compensation is the average annual rate of earnable compensation for the three years of creditable service (not necessarily consecutive) which produce the highest such average.

For compensation paid on or after July 1, 1993, increases in earnable compensation of greater than 5% per year or 10% over the highest three years are not included in calculating average final compensation unless the employer pays the cost of including such compensation. Earnable compensation does not include sick and vacation pay for those members who had less than ten years of service at July 1, 1993. For members for whom sick and vacation pay is includible in earnable compensation, these payments are included in applying the caps described above.

# 4. Creditable Service:

Creditable service includes service while a member, certain service prior to the establishment of the Program, purchased military service credit, other purchased service credit, and service while receiving disability benefits under the Program.

# 5. Service Retirement Benefits:

### A. Regular Plan (State Employees and Teachers)

i. Provisions for Members with at Least Ten Years of Creditable Service on July 1, 1993

Normal Retirement Age: 60

(continued)

Eligibility for Members in Active Service and Inactive Members: 25 years of creditable service.

Eligibility Alternative for Members in Active Service: At least one year of creditable service immediately before retirement and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, and not in Active Service on or After October 1, 1999: At least ten years of creditable service and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, but in Active Service on or After October 1, 1999: At least five years of creditable service and at least normal retirement age.

Benefit: 1/50 of average final compensation multiplied by years of membership service and up to 25 years of prior service, reduced by approximately 21/4% for each year retirement age is less than age 60.

Form of Payment: Life annuity.

### ii. Provisions for Members with Less Than Ten Years of Creditable Service on July 1, 1993

Normal Retirement Age: 62

Eligibility for Members in Active Service and Inactive Members: 25 years of creditable service.

Eligibility Alternative for Members in Active Service: At least one year of creditable service immediately before retirement age and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, and not in Active Service on or After October 1, 1999: At least ten years of creditable service and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, but in Active Service on or After October 1, 1999: At least five years of creditable service and at least normal retirement age.

Benefit: 1/50 of average final compensation multiplied by years of membership service and up to 25 years of prior service, reduced by 6% for each year retirement age is less than age 62.

Form of Payment: Life annuity.

### iii. Provisions for Members with Less Than Five Years of Creditable Service on July 1, 2011

Normal Retirement Age: 65

Eligibility for Members in Active Service and Inactive Members: 25 years of creditable service.

Eligibility Alternative for Members in Active Service: At least one year of creditable service immediately before retirement age and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, and not in Active Service on or After October 1, 1999: At least ten years of creditable service and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement, but in Active Service on or After October 1, 1999: At least five years of creditable service and at least normal retirement age.

Benefit: 1/50 of average final compensation multiplied by years of membership service and up to 25 years of prior service, reduced by 6% for each year retirement age is less than age 65.

Form of Payment: Life annuity.

(continued)

### B. Special Plans (State Employees)

## i. State Police Employed Before 9/16/84 and Inland Fisheries and Wildlife Officers Employed Before 9/1/84

Eligibility: 20 years of creditable service in named positions.

Benefit: one-half of average final compensation plus 2% for each year of service in excess of 20. If greater, the prorated portion of the benefit for service before July 1, 1976 is based on annual pay instead of average final pay.

Form of Payment: 50% joint and survivor annuity, or life annuity.

### ii. Forest Rangers Employed Before 9/1/84

Eligibility: Age 50 with 25 years of creditable service as a forest ranger.

Benefit: one-half of average final compensation plus 2% for each year of service earned after qualification for retirement. If greater, the pro-rated portion of the benefit for service before July 1, 1976 is based on annual pay instead of average final pay.

Form of Payment: Life annuity.

### iii. Liquor Inspectors Employed Before 9/1/84

Eligibility: Age 55 and 25 years of creditable service as a liquor inspector.

Benefit: one-half of average final compensation plus 2% for each year of service earned after qualification for retirement. If greater, the pro-rated portion of the benefit for service before July 1, 1976 is based on annual pay instead of average final pay.

Form of Payment: Life annuity.

### iv. State Prison Employees Employed Before 9/1/84

Eligibility: Age 50 and 20 years of creditable service as a prison employee.

Benefit: one-half of average final compensation plus 2% for each year of service earned after qualification for retirement.

Form of Payment: Life annuity.

### v. 1998 Special Plan

1998 Entrants: State prison employees, airline pilots, forest rangers and liquor inspectors, employed after 8/31/84; defense, veterans and emergency management firefighters employed on and after 7/1/98.

2000 Entrants: Baxter State Park Authority rangers, correctional employees and state fire marshals employed on or after 1/1/2000.

2002 Entrants: Capitol security officers and oil and hazardous materials emergency response workers.

Eligibility: Ten years of creditable service under the 1998 Special Plan in one or a combination of the covered capacities and the attainment of age 55 - OR - 25 years of creditable service in one or a combination of the covered capacities.

(continued)

Benefit: For service prior to coverage in the 1998 Special Plan, 1/50 of average final compensation multiplied by years of service reduced for retirement before age 60 or 62, except oil and hazardous materials emergency response workers and certain prison employee benefits are reduced for retirement before age 55.

-AND-

For service under the 1998 Special Plan, 1/50 of average final compensation multiplied by years of service reduced for retirement before age 55.

Form of Payment: Life annuity.

### vi. 25 & Out Plan

1998 Entrants: State police employed on or after 9/16/84 and special agent investigators hired before 6/21/82.

2002 Entrants: Inland fisheries and wildlife officers and marine resources officers employed on and after 8/31/84.

Eligibility: 25 years of creditable service in named positions.

Benefit: 1/50 of average final compensation multiplied by years of service.

Form of Payment: Life annuity.

Members in Special Plans who fail to qualify for special plan benefits can receive regular plan benefits when and as eligible and qualified.

# 6. Disability Retirement Benefits Other Than No Age Benefits (See Item 7):

Eligibility: Disabled as defined in the MainePERS statutes prior to normal retirement age; employed prior to October 16, 1992 and did not elect No Age Disability Benefits.

Benefit: 66%% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit, in combination with Worker's Compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after five or two years, depending on disability plan, unless the member is unable to engage in any substantially gainful activity, in which case payments cease on the earlier of ten years following normal retirement age or on the date the service retirement benefit equals or exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 66%% of average final compensation or ten years after the normal retirement date, if earlier, the disability benefit converts to a service retirement benefit based on service and average final compensation at that point.

### 7. No Age Disability Retirement Benefits

Eligibility: Disabled as defined in the MainePERS statutes; employed on or after October 16, 1992 or employed prior to October 16, 1992 and elected the provisions of No Age Disability.

Benefit: 59% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit, in combination with Worker's Compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after five or two years, depending on disability plan, unless the member is unable to engage in any substantially gainful activity; in which case payments cease on the date the service retirement benefit equals or exceeds the disability benefit.

(continued)

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 59% of average final compensation, the disability benefit converts to a service retirement benefit based on service and average final compensation at that point.

### 8. Pre-Retirement Ordinary Death Benefits:

Eligibility: Death while active, inactive eligible to retire, or disabled.

Benefit: Designated beneficiary, spouse, child(ren), or parents entitled to benefit calculated as if deceased member had retired under Option 2 (see item 12); however, beneficiary may elect survivor benefits payable to a surviving spouse, dependent child(ren), parent, or other designated beneficiaries in monthly amounts varying by status of beneficiary and number of eligible survivors. Otherwise accumulated contributions with interest are payable to designated beneficiary, spouse, child(ren), older parents, or estate.

### 9. Pre-Retirement Accidental Death Benefits:

Eligibility: Death while active or disabled resulting from an injury received in the line of duty.

- If the member is survived by a spouse who has the care of dependent child(ren) of the member, the surviving spouse shall receive an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive 2/3 of member's average final compensation until death.
- If the member is survived by a spouse who does not have the care of the member's dependent child(ren), the surviving spouse and dependent child(ren) shall share equally an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive 2/3 of member's average final compensation until death.
- If the member leaves no spouse, the dependent child(ren) shall be paid an annual sum equal to the member's average
  final compensation. Benefits will cease when the last dependent child no longer meets the definition of "dependent child".

### 10. Refund of Contributions:

Eligibility: Termination of service without retirement or death. Benefit: Member's accumulated contributions with interest.

### 11. Cost-of-Living Adjustments:

All service and disability retirement and survivor benefits are adjusted each year that there is a percentage change in the Consumer Price Index, based on the Index. If the percentage change is negative then no adjustment is made in that year. In subsequent years, the adjustment that would have been made will be adjusted downward to the extent necessary to recoup the full actuarial value of not having made the previous year's negative adjustment. This process of adjustment may occur over a multi-year period if needed to recoup the full value of the non-zero COLA.

Cost-of-living adjustments are effective September 1 and are applied to that portion of the benefit which is not in-excess of \$20,000 (indexed) for all benefits which have been in payment for twelve months. The maximum annual increase is 3%. Average final compensation used in determining disability benefits for disabled members is similarly adjusted for purposes of determining the recipient's service retirement benefit if and when the recipient moves to service retirement.

Members on service retirement who did not have ten years of service on July 1, 1993 will not receive a cost-of-living adjustment until 12 months after their normal retirement age.

No cost-of-living adjustments will be made until September 2014.

(continued)

# 12. Methods of Payment of Service Retirement Benefits:

At retirement, a member who retires with a benefit must choose from the following methods of payment:

Full Benefit: Unadjusted benefit paid for the life of the member only.

Option 1: Cash refund equal to the remaining employee contribution balance, if any, at the date of death (where the

employee contribution balance has been reduced each month by the portion of the monthly benefit deemed to

be provided by employee contributions).

Option 2: 100% joint and survivor annuity.

Option 3: 50% joint and survivor annuity.

Option 4: Joint and survivor annuity at any percentage other than those available under Option 2 and Option 3.

Option 5: Designated percentage of the benefit (not less than 51%) payable to the member, with the remaining

percentage (the two to equal 100%) payable to a beneficiary (may only be a sole beneficiary) while both are alive. At the death of either, the higher of the two percentages is paid to the survivor for the survivor's life, and

the lower-percentage benefit ceases to be paid.

Option 6: 100% joint and survivor annuity (Option 2) with pop-up\*.

Option 7: 50% joint and survivor annuity (Option 3) with pop-up.\*

Option 8: Option 4 with pop-up\*.

\* The "pop-up" feature attached to a given Option means that in the case of a beneficiary predeceasing the member, the member's benefit will be revised prospectively to the amount that the benefit would have been had the member selected Full Benefit payment upon retirement.

### 13. Changes since Prior Valuation:

None

# STATE EMPLOYEE AND TEACHER PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

# **A. Actuarial Assumptions**

# 1. Rate of Investment Return:

State Employees	7.125%
Teachers	7.125%

Rate is net of both administrative and investment expense.

# 2. Cost-of-Living Increases in Benefits:

State Employees	2.55%
Teachers	2.55%

# 3. Rates of Salary Increase (% at Selected Years of Service):

Service	State Employees	Teachers
0	10.50%	13.50%
5	6.00	6.25
10	4.50	5.00
15	3.95	4.50
20	3.70	3.70
25 and over	3.50	3.50

The above rates include a 3.50% across-the-board increase at each year of service.

# 4. Rates of Termination (% at Selected Service):

Service	State Employees	Teachers
0	30.00%	37.00%
5	7.50	12.00
10	4.40	6.90
15	4.00	5.50
20	4.00	5.50
25	4.00	5.50

Non-vested members are assumed to take a refund of contributions with interest. Once vested, the member is assumed to elect the greater of the deferred vested benefit or a refund.



(continued)

5. Rate of Mortality for Active Healthy Lives and Retired Healthy Lives at Selected Ages (number of deaths per 10,000 members)\*:

	State Employees		Teac	hers
Age	Male	Female	Male	Female
50	16	13	14	11
55	27	24	22	20
60	53	47	41	36
65	103	90	81	71
70	177	155	142	125
75	306	249	246	204
80	554	413	448	338
85	997	708	807	571
90	1,727	1,259	1,418	1,026
95	2,596	1,888	2,267	1,654

<sup>\*</sup> For State Regular and Teachers 5% of deaths assumed to arise out of and in the course of employment; for State Special 20% of deaths are assumed to arise out of and in the course of employment.

Rates for State Employees are based on the RP 2000 Mortality Table for Males and Females projected forward for 2015 using Scale AA. Rates for Teachers are based on the same projected table but with a two-year set back.

6. Rates of Mortality for Disabled Lives and Retired Disabled Lives at Selected Ages (number of deaths per 10,000 members):

	State En	nployees	Tea	achers
Age	Male	Female	Male	Female
25	92	72	92	72
30	112	89	112	89
35	134	109	134	109
40	160	126	160	126
45	193	144	193	144
50	236	165	236	165
55	295	191	295	191
60	362	226	362	226
65	446	272	446	272
70	576	331	576	331

Rates are based on the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females.

# STATE EMPLOYEE AND TEACHER PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

(continued)

### 7. Rates of Retirement at Selected Ages (number retiring per 1,000 members):

		State Employees				Teache	rs
Age	Tier 1	Tier 2	Tier 3	Т	ier 1	Tier 2	Tier 3
45	3	NA	NA		13	NA	NA
50	19	NA	NA		29	NA	NA
55	19	NA	NA		79	NA	NA
59	58	75	75		150	225	225
60	300	100	100		225	225	225
61	300	100	100		230	225	225
62	270	250	125		250	300	225
63	270	250	125		260	300	225
64	250	250	125		270	300	225
65	250	250	250	;	300	300	300
70	1,000	1,000	1,000	1,	000	1,000	1,000

<sup>\*</sup> Members of Special Groups are assumed to retire at a rate of 50% per year, once they reach eligibility for unreduced benefits at every age.

In the case of State Regular and Teacher employees, Tier 1 refers to those who had accrued at least ten years of service by July 1, 1993. Tier 2 are those who had not or were hired after that date but had five years of service by July 1, 2011. Tier 3 are those who did not have five years of service by July 1, 2011.

# 8. Rates of Disability at Selected Ages (members becoming disabled per 10,000 members)\*:

Age	State Employees	Teachers
25	6.8	3.5
30	7.6	3.8
35	10.2	3.8
40	19.0	5.1
45	27.9	11.6
50	42.7	18.2
55	53.0	24.8
60	63.0	31.3

 $<sup>^*</sup>$  10% assumed to receive Workers Compensation benefits offsetting disability benefit; also, rates for State Special groups are higher by 7 per 10,000 at all ages.

# 9. Family Composition Assumptions:

80% of active members are married and have two children born when the member is 24 and 28; children are dependent until age 18; female spouse is three years younger than male spouse; member has no dependent parents; unmarried members have beneficiaries entitled to benefits worth 80% as much as those of married members' beneficiaries.

# STATE EMPLOYEE AND TEACHER PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

(continued)

### 10. Vacation/Sick Leave Credits:

For members who had ten years of service on July 1, 1993, credits for unused vacation and sick leave may be used to increase final average compensation and/or creditable service. In order to reflect this, projected retirement benefits are increased by 0.48% for state (regular) employees and 0.75% for teachers.

### 11. Date of Adoption of Assumptions

The assumptions were adopted by the Trustees as a result of the latest experience study review performed in 2011 and covering the period July 1, 2005 through June 30, 2010.

### 12. Changes since Last Valuation

The rate of investment return assumption was changed from 7.25% to 7.125%.

### **B.** Actuarial Methods

### 1. Funding Method:

The Individual Entry Age Normal method is used to determine costs. Under this funding method, a total contribution rate is determined which consists of two elements: the normal cost rate and the unfunded actuarial liability (UAL) rate.

For Teachers and State Employees, including each of the State Special Plans, a normal cost rate is determined for each active member. This rate is determined by taking the value, as of age at entry into a plan in the Program, of the member's projected future benefits, reducing it by the value of future member contributions, and dividing it by the value, also as of the member's entry age, of the member's expected future salary.

In addition to contributions required to meet a plan's normal cost, contributions are required to fund the plan's unfunded actuarial liability. The actuarial liability is defined as the present value of future benefits less the present value of future normal costs and future member contributions. The unfunded actuarial liability is the total of the actuarial liability for all members less the actuarial value of assets. The actuarial liability includes projections of future member pay increases and future service credits and should not be confused with the Accrued Benefit Liability.

The unfunded actuarial liability is amortized by annual payments. The payments are determined so that they will be a level percentage of pay, assuming payroll increases 3.50% per year. The UAL measured as of June 30, 2011 is amortized over the remaining 14-years of the statutory period. Net gains or losses to the System are amortized over a 10-year period from the date when they are first measured.

#### 2. Asset Valuation Method:

For purposes of determining the State contribution to the plans in the Program, we use an actuarial value of assets. The asset adjustment method dampens the volatility in asset values that could occur because of fluctuations in market conditions. Use of an asset smoothing method is consistent with the long-term nature of the actuarial valuation process.

In determining the actuarial value of assets, we calculate an expected actuarial value based on cash flow for the year and imputed returns at the actuarial assumption. This expected value is compared to the market value and one-third of the difference is added to the preliminary actuarial value to arrive at the final actuarial value.

In the 2014 valuation there was an additional recognition of 37.5% of the remaining balance of past investment gains.

### 3. Changes since Last Valuation:

There was an additional recognition of 37.5% of the past investment gains in the asset smoothing method.

# **Consolidated Plan for Participating Local Districts**

### 1. Member Contributions:

Members are required to contribute a percent of earnable compensation, which varies by Plan as follows:

 Regular AC & AN
 7.0%

 Regular BC
 3.5%

 Special 1C & 1N
 7.0%

 Special 2C & 2N
 7.0%

Special 3C & 3N 8.5% for first 25 years, 7.0% after Special 4C & 4N 8.0% for first 25 years, 7.0% after

Member contributions to increase by 0.5% in FY 16 and FY 17.

### 2. Average Final Compensation:

For purposes of determining benefits payable under the Plan, average final compensation is the average annual rate of earnable compensation for the three years of creditable service (not necessarily consecutive) which produce the highest such average.

### 3. Creditable Service:

Creditable service includes service while a member, certain service prior to the establishment of the Plan, purchased service credit of which there are several types, and service while receiving disability benefits under the Plan.

# 4. Service Retirement Benefits:

# Regular Plan AC

Normal Retirement Age:

Plan Members prior to July 1, 2014: 60
New Members to the Plan on or after July 1, 2014: 65

Eligibility for Member in Active Service and Inactive Members: 25 years of creditable service.

Eligibility Alternative for Members in Active Service: At least one year of creditable service immediately before retirement and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement and not in Active Service on or after October 1, 1999: At least ten years of creditable service and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement but in Active Service on or after October 1, 1999: At least five years of creditable service and at least normal retirement age.

Benefit: 1/50 of average final compensation multiplied by years of membership service under Consolidated Plan AC reduced by:

Plan Members prior to July 1, 2014: approximately 21/4% for each year

that a member is younger than age

60 at retirement.

New Members to the Plan on or after July 1, 2014: 6% for each year that a member is

younger than age 65 at retirement.



(continued)

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

### Regular Plan AN

This benefit plan is the same as Regular Benefit Plan AC, except that there is no provision for cost-of-living adjustments.

### Regular Plan BC

Normal Retirement Age:

Plan Members prior to July 1, 2014: 60 New Members to the Plan on or after July 1, 2014: 65

Eligibility for Member in Active Service and Inactive Members: 25 years of creditable service.

Eligibility Alternative for Members in Active Service: At least one year of creditable service immediately before retirement and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement and not in Active Service on or after October 1, 1999: At least 10 years of creditable service and at least normal retirement age.

Eligibility for Members not in Active Service at Retirement but in Active Service on or after October 1, 1999: At least five years of creditable service and at least normal retirement age.

Benefit: 1/100 of average final compensation multiplied by years of membership service under Consolidated Plan BC reduced by:

Plan Members prior to July 1, 2014: approximately 21/4% for each year

that a member is younger than age

60 at retirement.

New Members to the Plan on or after July 1, 2014: 6% for each year that a member is

younger than age 65 at retirement.

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

### Regular Plan Notes

- Under certain circumstances, Regular Plan service can count, on a pro rata basis, toward meeting Special Plan benefit eligibility requirements.
- 2. The actual benefit for service earned prior to coverage under the Consolidated Plan may be based on a variable percentage of average final compensation multiplied by years of service under any previous plan(s) (the percentage depends on the previous plan(s)).

### Special Plan 1C

Eligibility: 20 years of creditable service in named positions.

Benefit: One-half of average final compensation plus 2% for each year of service in excess of 20.

(continued)

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

### Special Plan 1N

This benefit plan is identical to Special Benefit Plan 1C, except that there is no provision for cost-of-living adjustments.

### Special Plan 2C

Eligibility: 25 years of creditable service in named positions.

Benefit: One-half average final compensation plus 2% for each year of service in excess of 25.

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

### Special Plan 2N

This benefit plan is identical to Special Benefit Plan 2C, except that there is no provision for cost-of-living adjustments.

### Special Plan 3C

Eligibility: 25 years of creditable service in named positions.

Benefit: Two thirds of average final compensation plus 2% for each year of service in excess of 25.

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

## Special Plan 3N

This benefit is identical to Regular Benefit Plan 3C, except that there is no provision for cost-of-living adjustments.

### Special Plan 4C

Eligibility: Age 55 with 25 years of creditable service in named positions.

Benefit: 1/50 of average final compensation multiplied by years of membership service under Consolidated Plan 4C reduced by:

Plan Members prior to July 1, 2014: approximately 2¼% for each year

that a member is younger than age

55 at retirement.

New Members to the Plan on or after July 1, 2014: 6% for each year that a member is

younger than age 55 at retirement.

Form of Payment: Life annuity ("full benefit"), unless an optional method of payment is selected.

Cost-of-Living Adjustment: See item 10.

(continued)

### Special Plan 4N

This benefit plan is identical to Special Benefit Plan 4C, except that there is no provision for cost-of-living adjustments.

### Special Plan Notes

- 1. If a Special Plan member fails to meet the Special Plan eligibility criteria, their service retirement benefit is that provided by the applicable underlying Regular Plan; Special Plan service credits are used toward Regular Plan eligibility requirements.
- 2. Service in all Special Plans counts, on a percentage basis, toward meeting the benefit eligibility requirements of any Special Plan.
- 3. The actual benefit for service earned prior to coverage under the Consolidated Plan may be based on a variable percentage of average final compensation multiplied by years of service under any previous plan(s) (the percentage depends on the previous plan(s)).

### 5. Pre-Retirement Accidental Death Benefits:

Eligibility: Death while active or disabled resulting from injury received in the line of duty.

#### Benefit:

- If the member leaves no dependent children, two-thirds of the member's average final compensation to the surviving spouse until death.
- If the member is survived by a spouse who has the care of dependent child(ren) of the member, the surviving spouse shall receive an annual sum equal to the member's average final compensation. When there is no longer any dependent child(ren), the surviving spouse shall receive two-thirds of member's average final compensation until death.
- If the member is survived by a spouse who does not have the care of the member's dependent child(ren), the surviving spouse and dependent child(ren) shall share equally an annual sum equal to the member's average final compensation. When there is no longer any dependent child(ren), the surviving spouse shall receive two-thirds of member's average final compensation until death.

If the member leaves no spouse, the dependent child(ren) shall be paid an annual amount equal to the member's average final compensation. Benefits will cease when the last dependent child no longer meets the definition of "dependent child."

### 6. Pre-Retirement Ordinary Death Benefits:

Eligibility: Death while active, inactive, eligible to retire, or disabled.

Benefit: Designated beneficiary, spouse, child(ren), or parents entitled to benefit calculated as if deceased member had retired under Option 2 (see item 12); however, beneficiary may elect survivor benefits payable to a surviving spouse, dependent child(ren), parents, or other designated beneficiaries in monthly amounts varying by status of beneficiary and number of eligible survivors. Otherwise, accumulated contributions with interest are payable to designated beneficiary, spouse, child(ren), older parent or estate.

### 7. Disability Retirement Benefits Other Than No Age Benefits (See Item 8):

Eligibility: Disabled as defined in the MainePERS statutes, prior to normal retirement age, employed prior to October 16, 1992 and did not elect No Age Disability Benefits.

Benefit: 663/3% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit in combination with Worker's Compensation and Social Security, exceeds 80% of average final compensation.

(continued)

Form of Payment: Payment begins upon termination of service and ceases on cessation of disability or after five years, unless the member is unable to engage in any substantially gainful activity, in which case payments cease on the earlier of ten years following normal retirement age or date the service retirement benefit equals or exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, service is credited and average final compensation may be increased with cost-of-living adjustments (see item 10). On the date when service benefits reach a level of 66%% of average final compensation or ten years after the normal retirement date, if earlier, the disability converts to a service retirement benefit based on service and average final compensation at that point.

# 8. No-Age Disability Benefits:

Eligibility: Disabled as defined in the MainePERS statutes, employed on or after October 16, 1992 or employed prior to October 16, 1992 and elected the provisions of No Age Disability.

Benefit: 59% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit in combination with Worker's Compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins upon termination of service and ceases on cessation of disability or after five years, unless the member is unable to engage in any substantially gainful activity, in which case payments cease on the date the service retirement benefit equals or exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, service is credited and average final compensation may be increased with cost-of-living adjustments (see item 10). On the date when service benefits reach a level of 59% of average final compensation, the disability benefit converts to a service retirement benefit based on service and average final compensation at that point.

# 9. Refund of Contributions:

Eligibility: Termination of service other than by retirement or death.

Benefit: Member's accumulated contributions with interest.

### 10. Cost-of-Living Adjustments (COLA):

All service and disability retirement (and survivor) benefits payable to (or in relation to) benefit recipients who were employed by a PLD that elected a plan which provides for a COLA are adjusted each year that there is a percentage change in the Consumer Price Index, based on the Index. If the percentage change is negative, then no adjustment is made in that year. In subsequent years the adjustment that would have been made will be adjusted downward to the extent necessary to recoup the full actuarial value of not having made the previous year's negative adjustment. This process of adjustment may occur over a multi-year period if needed to recoup the full value of the non-zero COLA.

Cost-of-living adjustments are effective September 1 and are applied to all benefits which have been in payment for twelve months for retirees who retire on or after September 1, 2015 or six months for retirees who retire prior to September 1, 2015. The maximum annual increase is 3% (4% prior to the 2014 COLA).

(continued)

### 11. Methods of Payment of Service Retirement Benefits:

At retirement, a member must choose one of the following methods of payment.

Full Benefit: Unadjusted benefit paid for the life of the member only.

- Option 1: Cash refund equal to the remaining employee contribution balance, if any, at the date of death (the employee contribution balance having been reduced each month by the portion of the monthly benefit deemed to be provided by employee contributions).
- Option 2: 100% joint and survivor annuity
- Option 3: 50% joint and survivor annuity
- Option 4: Joint and survivor annuity at any percentage other than those available under Option 2 and Option 3.
- Option 5: Designated percentage of the benefit (not less than 51%) payable to the member, with the remaining percentage (the two to equal 100%) payable to a beneficiary (may only be a sole beneficiary) while both are alive. At the death of either, the higher of the two percentages is paid to the survivor for the survivor's life, and the lower-percentage benefit ceases to be paid.
- Option 6: 100% joint and survivor annuity (Option 2) with pop-up\*
- Option 7: 50% joint and survivor annuity (Option 3) with pop-up\*
- Option 8: Option 4 with pop-up\*
- \* The "pop-up" feature attached to a given Option means that in the case of a beneficiary predeceasing the member, the member's benefit will be revised prospectively to the amount that the benefit would have been had the member selected Full Benefit payment upon retirement.

### 12. Changes in Plan Provisions:

None.

# CONSOLIDATED PLAN FOR PARTICIPATING LOCAL DISTRICTS ACTUARIAL ASSUMPTIONS and METHODS

# **A. Actuarial Assumptions**

1. Annual Rate of Investment Return: 7.25%

2. Cost-of-Living Increases in Benefits: 3.12% through 2014 then 2.55% thereafter

(where Applicable)

3. Rates of Termination at Selected Years of Service\*:

Service	Regular	Special
0	20.0%	25.0%
1	17.5	12.5
2	15.0	10.0
3	12.5	7.5
4	10.0	5.0
5	7.5	4.0
10	2.5	2.5
15	2.5	2.5

<sup>\*</sup> Members with five or more years of service are assumed to elect deferred vested benefits; other terminations are assumed to elect refunds.

4. Rates of Active Healthy Life Mortality at Selected Ages (number of deaths per 10,000 members)\*:

Age	Male	Female
50	16	13
55	27	24
60	53	47
65	103	90
70	177	155
75	306	249
80	554	413
85	997	708
90	1,727	1,259
95	2,596	1,888

<sup>\*</sup> For Regulars, 5% of deaths are assumed to arise out of and in the course of employment; for Specials, 20% of deaths are assumed to arise out of and in the course of employment.

Rates are based on the RP 2000 Mortality Table for Males and Females projected forward for 2015 using Scale AA.



(continued)

5. Rates of Mortality for Disabled Lives at Selected Ages (number of deaths per 10,000 members):

Age	Male	Female
25	92	72
30	112	89
35	134	109
40	160	126
45	193	144
50	236	165
55	295	191
60	362	226
65	446	272
70	576	331

Rates are based on the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females.

6. Rates of Retirement at Selected Ages (number retiring per 1,000 members):

# **Regular Plans**

Age	Assumption
45	50
50	50
55	100
60	270
65	300
70	1,000
I .	

# **Special Plans**

Service	Assumption
20 21-24	400 300
25	400
26-29	300
30	400
31-34	300
35+	1,000

Note that the rates are only applied once the member is eligible to retire, so those in 25 year plans are not assumed to retire at 20 years of service.

# CONSOLIDATED PLAN FOR PARTICIPATING LOCAL DISTRICTS ACTUARIAL ASSUMPTIONS and METHODS

(continued)

### 7. Rates of Disability at Selected Ages (members becoming disabled per 10,000 members)\*:

Age	All Plans
25	3
30	4
35	5
40	7
45	15
50	33
55	61
	01

<sup>\* 10%</sup> assumed to receive Worker's Compensation benefits offsetting disability benefit.

### 8. Family Composition Assumptions:

80% of active members are married and have two children born when the member is 24 and 28; children are dependent until age 18; spouses are same age; member has no dependent parents; unmarried members have beneficiaries entitled to benefits worth 80% as much as those of married members' beneficiaries.

### 9. Salary Growth Assumption:

Rates of Increases at Selected Years		
Years of Service	Increase	
0	9.5%	
1	7.5	
2	6.0	
3	4.7	
4	4.3	
5	4.0	
10	3.5	
15	3.5	
20	3.5	
25	3.5	
30	3.5	

### 10. Date of Adoption of Assumptions:

The economic assumptions and mortality tables were adopted by the Trustees as a result of the latest experience study review performed in 2011 and covering the period July 1, 2005 through June 30, 2010. The remaining assumptions were adopted by the Trustees as a result of the experience study review performed in 2008 and covering the period July 1, 2000 through June 30, 2008.

# 11. Assumption Changes Since Last Valuation:

None



(continued)

#### **B.** Actuarial Methods

### 1. Funding Method:

The Individual Entry Age Normal method is used to determine costs. Under this funding method, the total employer contribution rate is determined which consists of two elements: the normal cost rate and the pooled unfunded actuarial liability (PUAL) rate. The actual contribution for a given PLD will include an IUUAL payment as well, unless the PLD came into the Plan with surplus assets or has paid off its IUUAL.

For each Regular and Special Plan, a normal cost rate is determined for each active member. This rate is determined by taking the value, as of age at entry into the Plan, of the member's projected future benefits, reducing it by the value of future member contributions, and dividing it by the value, also as of the member's entry age, of the member's expected future salary.

In addition to normal cost contributions calculated per Plan, the employers in each Plan are required to make contributions to fund that plan's PUAL, if any. The actuarial liability is defined as the present value of future benefits less the present value of future normal costs, less future member contributions, and less expected IUUAL payments. The PUAL is the total of the actuarial liability for all members less the actuarial value of the Plan's assets. The actuarial liability includes projections of future member pay increases and future services credits.

The Initial Unpooled Unfunded Actuarial Liability (IUUAL) was calculated at entry into the Consolidated Plan for each PLD. For PLDs with liabilities greater than assets, these amounts are amortized by annual payments over a fixed number of years. Additional unpooled unfunded liability amounts that arise for a given PLD after its entry to the Consolidated Plan are amortized over a period of not more than 15 years.

### 2. Asset Valuation Method:

For purposes of determining the State contribution to the plans in the Program, we use an actuarial value of assets. The asset adjustment method dampens the volatility in asset values that could occur because of fluctuations in market conditions. Use of an asset smoothing method is consistent with the long-term nature of the actuarial valuation process.

In determining the actuarial value of assets, we calculate an expected actuarial value based on cash flow for the year and imputed returns at the actuarial assumption. This expected value is compared to the market value and one-third of the difference is added to the preliminary actuarial value to arrive at the final actuarial value.

### 3. Changes since Last Valuation:

There was an additional recognition of 37.5% of the past investment gains in the asset smoothing method.

### **Judicial Retirement Program**

### 1. Membership:

Membership is a condition of employment for all judges serving on or after December 1, 1984.

Membership ceases on the earlier of withdrawal of contributions, retirement, or death.

Judges who retired prior to December 1, 1984 are covered under a different plan.

### 2. Member Contributions:

Members are required to contribute 7.65% of earnable compensation.

### 3. Average Final Compensation:

For purposes of determining benefits payable, average final compensation is the average annual rate of earnable compensation for the three years of creditable service (not necessarily consecutive) that produce the highest such average.

For active judges as of July 1, 2003, July 1, 2004, and July 1, 2010, average final compensation shall be increased to reflect missed salary increases.

### 4. Creditable Service:

Creditable service includes the following:

- A. all judicial service as a member after November 30, 1984;
- B. all judicial service before December 1, 1984;
- C. service credited while receiving disability benefits under the Program; and,
- D. all service creditable under the State Employee and Teacher Program provided the member elects to have the member's own and the employer's contributions on behalf of such service transferred to the Judicial Program.

### 5. Service Retirement Benefits:

### Eligibility:

### A. Eligibility for Members with at Least Ten Years of Creditable Service on July 1, 1993

- i. Eligibility for members in active service and inactive members:
  - 25 years of creditable service.
- ii. Eligibility alternative for members in active service:
  - Attainment of age 70 with at least one year of service immediately before retirement.
- iii. Eligibility for members not in active service at retirement and not in active service on or after October 1, 1999:
  - Attainment of age 60 and ten years of creditable service.
- iv. Eligibility for members not in active service at retirement but in active service on or after October 1, 1999:
  - Attainment of age 60 and five years of creditable service.

(continued)

### B. Eligibility for Members with Less Than Ten Years of Creditable Service on July 1, 1993

- i. Eligibility for members in active service and inactive members:
  - 25 years of creditable service.
- ii. Eligibility alternative for members in active service:
  - Attainment of age 70 with at least one year of service immediately before retirement.
- iii. Eligibility for members not in active service at retirement and not in active service on or after October 1, 1999:
  - Attainment of age 62 with ten years of creditable service.
- v. Eligibility for Members not in active service at retirement but in active service on or after October 1, 1999:
  - Attainment of age 62 and five years of creditable service.

### C. Eligibility for Members with Less Than Five Years of Creditable Service on July 1, 2011

- i. Eligibility for members in active service and inactive members:
  - 25 years of creditable service.
- ii. Eligibility alternative for members in active service:
  - Attainment of age 70 with at least one year of service immediately before retirement.
- iii. Eligibility for members not in active service at retirement and not in active service on or after October 1, 1999:
  - Attainment of age 65 with ten years of creditable service.
- iv. Eligibility for Members not in active service at retirement but in Active Service on or after October 1, 1999:
  - Attainment of age 65 and five years of creditable service.

### Benefit:

### Sum of:

- (1) for service after November 30, 1984 and before July 1, 1998 and creditable service allowed under Section 1302(3), 2% of average final compensation multiplied by years of service;
- (2) for service on or after July 1, 1998, 3% of average final compensation multiplied by years of service; and,
- (3) for judicial service prior to December 1, 1984, 75% of November 30, 1984 salary for the position held at retirement, prorated for prior service less than ten years.

The benefit is reduced for retirement before age 60 at the rate of approximately 2¼% for each year retirement age is less than 60, for members with at least ten years creditable service on July 1, 1993; reduced for retirement before age 62 by 6% for each year the member's age is less than age 62, if less than ten years creditable service on July 1, 1993, but at least five years creditable service on July 1, 2011; reduced for retirement before age 65 by 6% for each year the member's age is less than age 65, if less than five years creditable service on July 1, 2011.

Maximum Benefit: Total benefit cannot exceed 70% of average final compensation except as provided under the minimum benefit provision.

(continued)

Minimum Benefit: For a judge in service and age 50 or older on December 1, 1984, 75% of salary on 6/30/84 for the position held at retirement, increased by 6% per year from 6/30/84 to 6/30/89 or retirement date if earlier, and increased beyond 6/30/89 by the cost-of-living increase granted the previous September.

Form of Payment: Life annuity; except, for a judge in service and age 50 before December 1, 1984, 50% joint and survivor annuity to surviving spouse.

### 6. Disability Retirement Benefits Other Than No Age Benefits (See Item 7):

Conditions: Disabled as defined in the Judicial Retirement Program statutes, prior to normal retirement age; employed as a judge prior to October 16, 1992, and did not elect No Age Disability Option.

Benefit: 66-2/3% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit, in combination with Worker's Compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after two years, unless the member is unable to engage in any substantially gainful activity, in which case payments cease on the earlier of age 70 and the date the service retirement benefit exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 66-2/3% of average final compensation, or at age 70 if earlier, the disability benefit converts to a service retirement benefit based on service and pay at that point.

### 7. No Age Disability Retirement Benefits:

Conditions: Disabled as defined in the Judicial Retirement Program statutes; employed as a judge on or after October 16, 1992 or a judge employed prior to October 16, 1992, who elected the provisions of No Age Disability.

Benefit: 59% of average final compensation, reduced by the amount by which employment earnings plus the disability allowance exceeds the current salary of the position held at disability, and to the extent that the benefit, in combination with Worker's Compensation exceeds 80% of average final compensation. A member in service on November 30, 1984, may elect benefits applicable for retirement before December 1, 1984.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after two years, unless the member is unable to engage in any substantially gainful activity; in which case payments cease on the date the service retirement benefit exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 59% of average final compensation, the disability benefit converts to a service retirement benefit based on service and pay at that point.

### 8. Pre-Retirement Ordinary Death Benefits:

Eligibility: Death while active, inactive eligible to retire or disabled.

Benefit: Designated beneficiary, spouse, child(ren), or parents entitled to benefit calculated as if deceased member had retired under Option 2 (see item 12); however, beneficiary may elect survivor benefits payable to a surviving spouse, dependent child(ren), parents, or other designated beneficiaries in monthly amounts varying by status of beneficiary and number of eligible survivors. Otherwise, accumulated contributions with interest are payable to designated beneficiary, spouse, child(ren), older parent, or estate.

Minimum Benefit: For a judge in service prior to December 1, 1984, one-half of the judge's retirement benefit determined on date of death, payable to the spouse and/or dependent children.



(continued)

### 9. Pre-Retirement Accidental Death Benefits:

Eligibility: Death while active or disabled resulting from injury received in the line of duty.

Benefit: If the member leaves no dependent children, two-thirds of the member's average final compensation to the surviving spouse until death.

- If the member is survived by a spouse who has the care of dependent child(ren) of the member, the surviving spouse shall receive an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive two-thirds of member's average final compensation until death.
- If the member is survived by a spouse who does not have the care of the member's dependent child(ren), the surviving spouse and dependent child(ren) shall share equally an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive two-thirds of member's average final compensation until death.

If the member leaves no spouse, the dependent child(ren) shall be paid an annual amount equal to the member's average final compensation. Benefits will cease when the last dependent child no longer meets the definition of "dependent child".

### 10. Refund of Contributions:

Eligibility: Termination of service without retirement or death.

Benefit: Member's accumulated contributions with interest.

### 11. Cost-of-Living Adjustments:

All service and disability retirement and survivor benefits are adjusted each year that there is a percentage change in the Consumer Price Index, based on the Index. If the percentage change is negative, then no adjustment is made in that year. In subsequent years, the adjustment that would have been made will be adjusted downward to the extent necessary to recoup the full actuarial value of not having made the previous year's negative adjustment. This process of adjustment may occur over a multi-year period if needed to recoup the full value of the non-zero COLA.

Cost-of-living adjustments are effective September 1 and are applied to that portion of the benefit not in excess of \$20,000 (indexed) for all benefits that have been in payment for 12 months. The maximum annual increase is 3%. Average final compensation used in determining disability benefits for disabled members is similarly adjusted for purposes of determining the recipient's service retirement benefit if and when the recipient moves to service retirement.

Members on service retirement who did not have ten years of service on July 1, 1993 will not receive a cost-of-living adjustment until 12 months after their normal retirement age.

No cost-of-living adjustments will be made until September 2014.

Minimum benefits are increased 6% per year from July 1985 through June 1989, and as described above thereafter.

(continued)

### 12. Methods of Payment of Service Retirement Benefits:

At retirement, a member must choose from the following methods of payment:

Full Benefit: Unadjusted benefit is paid for the life of the member only.

Option 1: Cash refund equal to the remaining employee contribution balance at the date of death (where the employee

contribution balance has been reduced each month by the portion of the monthly benefit deemed to be provided

by employee contributions).

Option 2: 100% joint and survivor annuity.

Option 3: 50% joint and survivor annuity.

Option 4: Joint and survivor annuity at any percentage other than those available under Option 2 and Option 3.

Option 5: Designated percentage of the benefit (not less than 51%) payable to the member, with the remaining percentage

(the two to equal 100%) payable to a beneficiary (may only be a sole beneficiary) while both are alive. At the death of either, the higher of the two percentages is paid to the survivor for the survivor's life, and the lower-

percentage benefit ceases to be paid.

Option 6: 100% joint and survivor annuity (Option 2) with pop-up\*.

Option 7: 50% joint and survivor annuity (Option 3) with pop-up\*.

Option 8: Option 4 with pop-up\*.

\* The "pop-up" feature attached to a given Option means that in the case of a beneficiary predeceasing the member, the member's benefit will be revised prospectively to the amount that the benefit would have been had the member selected Full Benefit payment upon retirement.

### 13. Plan Changes since Last Valuation:

None.

### JUDICIAL RETIREMENT PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

### **A. Actuarial Assumptions**

1. Annual Rate of Investment Return: 7.125%

2. Annual Rate of Salary Increase: 3.50%

3. Annual Cost-of-Living Increase: 2.55%

### 4. Normal Retirement Age:

100% retirement assumed to occur at age 60 for members with at least ten years of creditable service on July 1, 1993.

For members with less than ten years of creditable service on July 1, 1993, 50% are assumed to retire each year after reaching age 62.

For members with less than five years of creditable service on July 1, 2011, 50% are assumed to retire each year after reaching age 65.

### 5. Probabilities of Employment Termination at Selected Ages Due to:

			De	eath
Age	Disability	Termination	Male	Female
25	.0006	.07	.0003	.0002
30	.0006	.06	.0004	.0002
35	.0007	.05	.0007	.0004
40	.0011	.04	.0010	.0006
45	.0022	.03	.0012	.0009
50	.0042	.02	.0016	.0013
55	.0072	.01	.0027	.0024

### 6. Rate of Healthy Life Mortality at Selected Ages:

Age	Male	Female
55	.0027	.0024
60	.0053	.0047
65	.0103	.0090
70	.0177	.0155
75	.0306	.0249
80	.0554	.0413

Rates are based on the RP-2000 Mortality Table for Males and Females, projected with Scale AA to 2015.

### 7. Rates of Disabled Life Mortality at Selected Ages:

Age	Male	Female
25	.0092	.0072
30	.0112	.0089
35	.0134	.0109
40	.0160	.0126
45	.0193	.0144
50	.0236	.0165
55	.0295	.0191

Rates are based on the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females.

### JUDICIAL RETIREMENT PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

(continued)

### 8. Family Composition Assumptions:

80% of active members are married and have two children born when the member is 24 and 28; children are dependent until age 18; female spouse is three years younger than male spouse; member has no dependent parents; unmarried members have beneficiaries entitled to benefits worth 80% as much as those of married members' beneficiaries.

### 9. Date of Adoption of Assumptions:

The assumptions were adopted by the Trustees as a result of the latest experience study review performed in 2011, covering the period July 1, 2005 through June 30, 2010.

### 10. Assumption Changes since Last Valuation:

The rate of investment return assumption was changed from 7.25% to 7.125%.

### **B.** Actuarial Methods

### 1. Funding Method:

The Entry Age Normal actuarial funding method is used to determine costs. Under this funding method, the total employer contribution rate consists of two elements: the normal cost rate and the unfunded actuarial liability (UAL) rate.

The normal cost rate is developed for each active employee. This rate is determined by taking the value, as of entry age into the plan, of the member's projected future benefits, reducing it by the value of future member contributions, and dividing it by the value, also as of the member's entry age, of the member's expected future salary.

In addition to contributions required to meet the plan's normal cost, contributions will be required to fund the plan's unfunded actuarial liability. The actuarial liability is defined as the present value of future benefits, less the present value of future normal costs and future member contributions. The unfunded actuarial liability is the total actuarial liability less the actuarial value of plan assets.

The unfunded liability is amortized by annual payments over an open ten-year period. The payments are determined so that they will be a level percentage of pay, assuming total pay increases 3.50% per year.

### 2. Asset Valuation Method:

For purposes of determining the State contribution to the plans in the Program, we use an actuarial value of assets. The asset adjustment method dampens the volatility in asset values that could occur because of fluctuations in market conditions. Use of an asset smoothing method is consistent with the long-term nature of the actuarial valuation process.

In determining the actuarial value of assets, we calculate an expected actuarial value based on cash flow for the year and imputed returns at the actuarial assumption. This expected value is compared to the market value and one-third of the difference is added to the preliminary actuarial value to arrive at the final actuarial value.

In the 2014 valuation, there was an additional recognition of 37.5% of the remaining balance of past investment gains.

### 3. Changes since Last Valuation:

There was an additional recognition of 37.5% of the past investment gains in the asset smoothing method.

### **Legislative Retirement Program**

### 1. Membership:

Except as provided by statute, membership is mandatory for every Legislator in service in the Legislature on or after December 3, 1986, and optional for those who were members of the Retirement System on December 2, 1986.

Membership ceases on the earlier of withdrawal of contributions, retirement, or death.

### 2. Member Contributions:

Members are required to contribute 7.65% of earnable compensation.

### 3. Average Final Compensation:

For purposes of determining benefits payable, average final compensation is the average annual rate of earnable compensation for the three years of creditable service (not necessarily consecutive) as a legislator that produce the highest such average.

### 4. Creditable Service:

Creditable service includes the following:

- A. all legislative service as a member after December 2, 1986;
- B. all legislative service before December 3, 1986, for which contributions have been made to the Retirement System at the applicable rate, including appropriate interest;
- C. service credited while receiving disability benefits under the Program; and,
- D. all service creditable under the Retirement System as a State Employee, provided the member elects to have the member's own and the employer's contributions on behalf of such service transferred to the Legislative Program.

### 5. Service Retirement Benefits:

### Eligibility:

### A. Eligibility for Members with at Least Ten Years of Creditable Service on July 1, 1993

- i. Eligibility for members in active service and inactive members:
  - 25 years of creditable service.
- ii. Eligibility alternative for members in active service:
  - Attainment of age 60.
- iii. Eligibility for members not in active service at retirement, and not in active service on or after October 1, 1999:
  - Attainment of age 60 and ten years of creditable service.
- iv. Eligibility for members not in active service at retirement, but in active service on or after October 1, 1999:
  - Attainment of age 60 and five years of creditable service.

(continued)

### B. Eligibility for Members with Less Than Ten Years of Creditable Service on July 1, 1993

i. Eligibility for members in active service and inactive members:

25 years of creditable service.

ii. Eligibility alternative for members in active service:

Attainment of age 62.

iii. Eligibility for members not in active service at retirement, and not in active service on or after October 1, 1999:

Attainment of age 62 with ten years of creditable service.

iv. Eligibility for members not in active service at retirement, but in active service on or after October 1, 1999:

Attainment of age 62 and five years of creditable service.

### C. Eligibility for Members with Less Than Five Years of Creditable Service on July 1, 2011

i. Eligibility for members in active service and inactive members:

25 years of creditable service.

ii. Eligibility alternative for members in active service:

Attainment of age 65.

iii. Eligibility for members not in active service at retirement, and not in active service on or after October 1, 1999:

Attainment of age 65 with ten years of creditable service.

iv. Eligibility for Members not in Active Service at Retirement, but in Active Service on or After October 1, 1999:

Attainment of age 65 and five years of creditable service.

Benefit: 1/50 of average final compensation multiplied by years of creditable service, reduced for retirement before age 60 at the rate of approximately 2¼% for each year retirement age is less than age 60, for members with at least ten years creditable service on July 1, 1993; reduced for retirement before age 62 at the rate of 6% for each year retirement age is less than age 62, for members with less than ten years creditable service on July 1, 1993, but at least five years creditable service on July 1, 2011; reduced for retirement before age 65 at the rate of 6% for each year retirement age is less than age 65, for members with less than five years creditable service on July 1, 2011; minimum benefit \$100 per month if at least ten years of creditable service.

Form of Payment: Life annuity.

### 6. Disability Retirement Benefits Other Than No Age Benefits (See Item 7):

Eligibility: Disabled as defined in the MainePERS statutes, prior to normal retirement age; employed prior to October 16, 1992 and did not elect No Age Disability Option.

Benefit: 66-2/3% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit, in combination with worker's compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after five years, unless the member is unable to engage in any substantially gainful activity; in which case, payments cease on the earlier of ten years following normal retirement age or the date the service retirement benefit equals or exceeds the disability benefit.

(continued)

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 66-2/3% of average final compensation or ten years after the normal retirement date, if earlier, the disability benefit converts to a service retirement benefit based on service and average final compensation at that point.

### 7. No Age Disability Retirement Benefits:

Eligibility: Disabled as defined in the MainePERS statutes; employed on or after October 16, 1992 or employed prior to October 16, 1992 and elected the provisions of No Age Disability.

Benefit: 59% of average final compensation, reduced by employment earnings over the specified statutory limit, and to the extent that the benefit, in combination with worker's compensation and Social Security, exceeds 80% of average final compensation.

Form of Payment: Payment begins on termination of service and ceases on cessation of disability or after five years, unless the member is unable to engage in any substantially gainful activity; in which case, payments cease on the date the service retirement benefit equals or exceeds the disability benefit.

Conversion to Service Retirement: During the period of disability, average final compensation is increased with cost-of-living adjustments and service is credited. On the date when service benefits reach a level of 59% of average final compensation, the disability benefit converts to a service retirement benefit based on service and average final compensation at that point.

### 8. Pre-Retirement Ordinary Death Benefits:

Eligibility: Death while active, inactive eligible to retire or disabled.

Benefit: Designated beneficiary, spouse, child(ren), or parents entitled to benefit calculated as if deceased member had retired under Option 2 (see item 12); however, beneficiary may elect survivor benefits payable to a surviving spouse, dependent child(ren), parents, or other designated beneficiaries in monthly amounts varying by status of beneficiary and number of eligible survivors. Otherwise, accumulated contributions with interest are payable to designated beneficiary, spouse, child(ren), older parent or estate.

### 9. Pre-Retirement Accidental Death Benefits:

Eligibility: Death while active or disabled resulting from injury received in the line of duty.

Benefit: If the member leaves no dependent children, two-thirds of the member's average final compensation to the surviving spouse until death.

- If the member is survived by a spouse who has the care of dependent child(ren) of the member, the surviving spouse shall receive an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive two-thirds of member's average final compensation until death.
- If the member is survived by a spouse who does not have the care of the member's dependent child(ren), the surviving spouse and dependent child(ren) shall share equally an annual sum equal to the member's average final compensation. When there is no longer any dependent child, the surviving spouse shall receive two-thirds of member's average final compensation until death.
- If the member leaves no spouse, the dependent child(ren) shall be paid an annual amount equal to the member's average final compensation. Benefits will cease when the last dependent child no longer meets the definition of "dependent child."

### 10. Refund of Contributions:

Eligibility: Termination of service without retirement or death.

Benefit: Member's accumulated contributions with interest.

(continued)

### 11. Cost-of-Living Adjustments:

All service and disability retirement and survivor benefits are adjusted each year that there is a percentage change in the Consumer Price Index, based on the Index. If the percentage change is negative then no adjustment is made in that year. In subsequent years, the adjustment that would have been made will be adjusted downward to the extent necessary to recoup the full actuarial value of not having made the previous year's negative adjustment. This process of adjustment may occur over a multi-year period, if needed to recoup the full value of the non-zero COLA.

Cost-of-living adjustments are effective September 1 and are applied to that portion of the benefit not in excess of \$20,000 (indexed) for all benefits that have been in payment for 12 months. The maximum annual increase is 3%. Average final compensation used in determining disability benefits for disabled members is similarly adjusted for purposes of determining the recipient's service retirement benefit if and when the recipient moves to service retirement.

Members on service retirement who did not have ten years of service on July 1, 1993 will not receive a cost-of-living adjustment until 12 months after their normal retirement age.

No cost-of-living adjustments will be made until September 2014.

### 12. Methods of Payment of Service Retirement Benefits:

At retirement, a member who retires with a benefit must choose from the following methods of payment:

Full Benefit: Unadjusted benefit is paid for the life of the member only.

- Option 1: Cash refund equal to the remaining employee contribution balance, if any, at the date of death (where the employee contribution balance has been reduced each month by the portion of the monthly benefit deemed to be provided by employee contributions).
- Option 2: 100% joint and survivor annuity.
- Option 3: 50% joint and survivor annuity.
- Option 4: Joint and survivor annuity at any percentage other than those available under Option 2 and Option 3.
- Option 5: Designated percentage of the benefit (not less than 51%) payable to the member, with the remaining percentage (the two to equal 100%) payable to a beneficiary (may only be a sole beneficiary) while both are alive. At the death of either, the higher of the two percentages is paid to the survivor for the survivor's life, and the lower-percentage benefit ceases to be paid.
- Option 6: 100% joint and survivor annuity (Option 2) with pop-up\*.
- Option 7: 50% joint and survivor annuity (Option 3) with pop-up\*.
- Option 8: Option 4 with pop-up\*.
- \* The "pop-up" feature attached to a given Option means that in the case of a beneficiary predeceasing the member, the member's benefit will be revised prospectively to the amount that the benefit would have been had the member selected Full Benefit payment upon retirement.

### 13. Changes since Last Valuation:

None.



### **A. Actuarial Assumptions**

1. Annual Rate of Investment Return: 7.125%

2. Annual Rate of Salary Increase: 3.50%

3. Annual Cost-of-Living Increase: 2.55%

Normal Retirement Age: Age 60 for members with at least ten years of creditable service on July 1, 1993.

Age 62 for members with less than ten years of creditable service on July 1, 1993. Age 65 for members with less than five years of creditable service on July 1, 2011.

5. Probabilities of Employment Termination at Selected Ages Due to:

Age	Disability	Termination	De Male	eath Female
25	.0006	.07	.0003	.0002
30	.0006	.06	.0004	.0002
35	.0007	.05	.0007	.0004
40	.0011	.04	.0010	.0006
45	.0022	.03	.0012	.0009
50	.0042	.02	.0016	.0013
55	.0072	.01	.0027	.0024

### 6. Rate of Healthy Life Mortality at Selected Ages:

Age	Male	Female
55	.0027	.0024
60	.0053	.0047
65	.0103	.0090
70	.0177	.0155
75	.0306	.0249
80	.0554	.0413

Rates are based on the RP-2000 Mortality Table for Males and Females, projected with scale AA to 2015.

### 7. Rates of Disabled Life Mortality at Selected Ages:

Age	Male	Female
25	.0092	.0072
30	.0112	.0089
35	.0134	.0109
40	.0160	.0126
45	.0193	.0144
50	.0236	.0165
55	.0295	.0191

Rates are based on the Revenue Ruling 96-7 Disabled Mortality Table for Males and Females.

### LEGISLATIVE RETIREMENT PROGRAM ACTUARIAL ASSUMPTIONS and METHODS

(continued)

### 8. Family Composition Assumptions:

80% of active members are married and have two children born when the member is 24 and 28; children are dependent until age 18; female spouse is three years younger than male spouse; member has no dependent parents; unmarried members have beneficiaries entitled to benefits worth 80% as much as those of married members' beneficiaries.

### 9. Date of Adoption of Assumptions:

The assumptions were adopted by the Trustees as a result of the latest experience study review performed in 2011, covering the period July 1, 2005 through June 30, 2010.

### 10. Assumption Changes since Last Valuation:

The rate of investment return was reduced from 7.25% to 7.125%.

### **B.** Actuarial Methods

### 1. Funding Method:

The Entry Age Normal actuarial funding method is used to determine costs. Under this funding method, the total employer contribution rate consists of two elements: the normal cost rate and the unfunded actuarial liability (UAL) rate.

The normal cost rate is developed for each active employee. This rate is determined by taking the value, as of entry age into the plan, of the member's projected future benefits, reducing it by the value of future member contributions, and dividing it by the value, also as of the member's entry age, of the member's expected future salary.

In addition to contributions required to meet the program's normal cost, contributions will be required to fund the program's unfunded actuarial liability. The actuarial liability is defined as the present value of future benefits, less the present value of future normal costs and future member contributions. The unfunded actuarial liability is the total actuarial liability less the actuarial value of plan assets.

The unfunded liability is amortized by annual payments over an open ten-year period. The payments are determined so that they will be a level percentage of pay, assuming total pay increases 3.50% per year.

### 2. Asset Valuation Method:

For purposes of determining the State contribution to the plans in the Program, we use an actuarial value of assets. The asset adjustment method dampens the volatility in asset values that could occur because of fluctuations in market conditions. Use of an asset smoothing method is consistent with the long-term nature of the actuarial valuation process.

In determining the actuarial value of assets, we calculate an expected actuarial value based on cash flow for the year and imputed returns at the actuarial assumption. This expected value is compared to the market value and one-third of the difference is added to the preliminary actuarial value to arrive at the final actuarial value.

In the 2014 valuation, there was an additional recognition of 37.5% of the remaining balance of past investment gains.

### 3. Changes since Last Valuation:

There was an additional recognition of 37.5% of the past investment gains in the asset smoothing method.

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### STATISTICAL SECTION



### MAINE PUBLIC EMPLOYEES RETIREMENT SYSTEM STATISTICAL SECTION

(unaudited)

This section of the Maine Public Employees Retirement System's Comprehensive Annual Financial Report presents detailed information as a context for understanding this year's financial statements, note disclosures, and supplementary information. This information has not been audited by the independent auditor.

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# CHANGES IN NET POSITION - STATE EMPLOYEE AND TEACHER PLAN

### LAST TEN FISCAL YEARS

					Fiscal Year	ar				
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2002
Additions										
Member contributions	121,700,845	121,771,881	121,722,498	125,056,977	126,474,575	124,695,281	122,914,714	122,129,490	119,289,350	113,520,916
Employer contributions	163,856,225	115,714,242	106,359,578	134,475,998	135,979,470	136,536,621	128,500,038	122,965,826	123,705,027	107,239,345
Non-employer entity contributions	142,303,104	148,833,840	146,634,324	199,662,984	193,415,278	183,701,708	177,054,037	189,169,755	187,878,631	175,064,541
Investment Income (net of expenses)	1,527,470,684	935,978,195	44,109,550	1,593,856,350	753,671,243	(1,586,466,256)	(269,530,809)	1,221,916,143	524,591,806	741,819,075
Total additions to plan net position	1,955,330,858	1,322,298,158	418,825,950	2,053,052,309	1,209,540,566	(1,141,532,646)	158,937,980	1,656,181,214	955,464,814	1,137,704,477
Deductions										
Benefit payments	671,034,883	655,088,429	615,958,651	577,425,247	551,734,313	526,813,792	488,003,781	457,510,151	424,133,531	395,612,689
Refunds	21,693,233	17,974,023	21,030,202	20,841,168	17,273,199	37,553,687	21,758,917	16,996,926	14,883,136	12,904,811
Administrative expenses	8,296,396	7,702,835	7,316,204	7,604,509	7,499,691	7,923,702	8,188,765	8,877,620	7,719,867	7,666,584
Total deductions from plan net position	701,024,512	680,765,287	644,305,057	605,870,924	576,507,203	572,291,181	517,951,463	483,384,697	446,736,534	416,184,084
Change in net position	\$ 1,254,306,346 \$	641,532,871 \$	(225,479,107) \$	1,447,181,385 \$		633,033,363 \$ (1,713,823,827) \$	(359,013,483) \$	1,172,796,517 \$	508,728,280 \$	721,520,393

# DEFINED BENEFIT PLAN CHANGES IN NET POSITION - PLD CONSOLIDATED PLAN LAST TEN FISCAL YEARS

					FISCAL LEAD					
	2014	2013	2012	2011	2010	2009	2008	2002	2006	2002
Additions										
Member contributions	33,210,510	31,658,619	32,343,655	35,022,928	32,332,068	29,710,526	27,473,405	32,751,311	24,838,611	24,771,716
Employer contributions	32,706,160	26,465,471	22,257,294	17,462,511	12,311,355	11,582,485	12,179,699	11,236,146	10,312,516	9,248,551
Non-employer entity contributions	1	7	-1		J.	i			,	-1
Investment Income (net of expenses)	361,125,177	221,304,489	10,111,043	381,299,731	182,525,441	(390,037,197)	(66,322,263)	309,156,215	133,121,252	191,392,082
Total additions to plan net position	427,041,847	279,428,579	64,711,992	433,785,170	227,168,864	(348,744,186)	(26,669,159)	353,143,672	168,272,379	225,412,349
Deductions										
Benefit payments	121,559,257	114,627,512	108,646,611	101,270,632	96,702,118	93,095,725	85,735,837	81,416,856	75,348,098	71,236,424
Refunds	5,602,101	6,051,774	22,911,290	11,353,634	5,822,392	8,041,146	5,496,757	4,913,684	3,913,903	3,019,436
Administrative expenses	1,779,304	1,810,389	1,732,139	1,827,135	1,668,738	1,754,829	1,941,924	1,965,164	1,656,346	1,570,448
Total deductions from plan net position	128,940,662	122,489,675	133,290,040	114,451,401	104,193,248	102,891,700	93,174,518	88,295,704	80,918,347	75,826,308
Change in net position	\$ 298,101,185 \$	298,101,185 \$ 156,938,904 \$	(68,578,048) \$	319,333,769 \$	122,975,616 \$		(451,635,886) \$ (119,843,677) \$	264,847,968 \$	87,354,032 \$ 149,586,041	149,586,041

# DEFINED BENEFIT PLAN CHANGES IN NET POSITION - PLD AGENT PLAN LAST TEN FISCAL YEARS

					Fiscal Year					
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Additions										
Member contributions	94,136	106,000	105,380	124,472	132,049	146,253	155,015	180,492	269,986	329,534
Employer contributions	667,846	656,047	105,342	299,504	9,024	2,776	3,133	5,121	4,847	2,563
Non-employer entity contributions	4		2	7	4		1	3	ā	4
Investment Income (net of expenses)	5,581,964	3,601,386	79,872	6,760,501	6,005,408	(11,619,730)	(1,576,140)	7,794,089	6,180,099	9,092,090
Total additions to plan net position	6,343,946	4,363,433	290,594	7,184,477	6,146,481	(11,470,701)	(1,417,992)	7,979,702	6,454,932	9,424,187
Deductions										
Benefit payments	2,702,486	2,644,060	2,608,985	2,460,591	2,397,937	2,695,479	2,606,044	2,460,991	3,546,256	3,369,245
Refunds	1,897,634	10	201,244	9,190	141	17,109	52,877	28,141	110,539	51,129
Administrative expenses	27,981	30,704	30,884	33,977	31,457	41,741	49,134	49,585	83,119	86,109
Total deductions from plan net position	4,628,101	2,674,764	2,841,113	2,503,758	2,429,535	2,754,329	2,708,055	2,538,717	3,739,914	3,506,483
Change in net position	\$ 1,715,845 \$	1,715,845 \$ 1,688,669 \$	(2,550,519) \$	4,680,719 \$	3,716,946 \$	(14,225,030) \$	(4,126,047) \$	5,440,985 \$	2,715,018 \$	5,917,704

### GROUP LIFE INSURANCE PLAN CHANGES IN NET POSITION

### LAST TEN FISCAL YEARS

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	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Additions										
Member contributions	4,708,184	4,580,678	4,504,407	4,633,560	4,578,292	4,501,396	5,643,608	6,614,117	6,462,425	6,299,199
Employer contributions	7,950,385	7,138,693	7,005,992	6,836,808	6,825,209	6,812,155	6,363,100	2,223,692	2,170,510	2,157,420
Other contributions		•	•	•		•	220,933	243,115	216,103	211,576
Investment Income (net of expenses)	14,763,783	9,380,206	467,352	11,060,639	5,522,062	(8,851,694)	(1,755,010)	6,978,299	1,290,819	1,122,921
Total additions to plan net position	27,422,352	21,099,577	11,977,751	22,531,007	16,925,563	2,461,857	10,472,631	16,059,223	10,139,857	9,791,116
Deductions										
Benefit payments	10,273,054	10,426,687	8,197,040	8,664,079	8,555,182	9,966,568	8,210,909	8,020,342	7,571,942	7,215,050
Refunds	•	•	3,702	18,145	25,819	32,291	20,511	30,157	32,002	17,279
Administrative expenses	1,153,841	892,115	1,035,953	970,354	1,053,242	987,371	842,136	856,436	812,833	841,752
Total deductions from plan net position	11,426,895	11,318,802	9,236,695	9,652,578	9,634,243	10,986,230	9,073,556	8,906,935	8,416,777	8,074,081
Change in net position	\$15,995,457	\$9,780,775	\$2,741,056	\$12,878,429	\$7,291,320	\$(8,524,373)	\$1,399,075	\$7,152,288	\$1,723,080	\$1,717,035

### DEFINED CONTRIBUTION PLAN CHANGES IN NET POSITION

### LAST TEN FISCAL YEARS

**Fiscal Year** 

I	2014	2013	2012	2011	2010	2009	2008
Additions							
Member contributions	3,505,423	2,662,317	2,888,874	2,790,771	2,381,995	1,967,488	1,181,618
Employer contributions	109,515	111,327	43,434	47,377	53,956	153,334	16,583
Other contributions	ı	,			•		•
Investment Income (net of expenses)	3,210,308	1,815,398	318,640	1,939,674	742,235	(1,173,821)	(512,020)
Total additions to plan net position	6,825,246	4,589,042	3,250,948	4,777,822	3,178,186	947,001	686,181
Deductions							
Benefit payments	•	٠	•		•		٠
Refunds and withdrawals	2,032,458	643,765	1,055,018	770,630	411,390	470,750	570,014
Administrative expenses	112,015	113,827	45,964	50,143	56,686	159,635	16,583
Total deductions from plan net position	2,144,473	757,592	1,100,982	820,773	468,076	630,385	586,597
Change in net postion	\$4,680,773	\$3,831,450	\$2,149,966	\$3,957,049	\$2,710,110	\$316,616	\$99,584

<sup>\*</sup>The System currently has this information available for the years indicated. Additional information will be added to the schedule each year until the requisite ten years is obtained.

## RETIREE HEALTH INVESTMENT TRUST CHANGES IN NET POSITION

### LAST TEN FISCAL YEARS

### Fiscal Year

		2014	2013	2012	2011	2010	2009
Additions							
Member contributions							•
Em ployer contributions		•	1,840,385	6,000,000	14,411,368	•	•
Other contributions		•	•	ı	•	•	•
Investment Income (net of expenses)		29,564,596	18,706,315	959,334	23,350,728	13,143,997	(16,084,427)
Total additions to plan net position		29,564,596	20,546,700	6,959,334	37,762,096	13,143,997	(16,084,427)
Deductions							
Benefit payments			ı	ı	,		
Refunds			ı	ı			
Administrative expenses		90,030	85,609	68,643	64,510	56,754	55,695
Total deductions from plan net position		90,030	85,609	68,643	64,510	56,754	55,695
Change in net position	↔	29,474,566 \$	20,461,091 \$	6,890,691 \$	37,697,586	13,087,243 \$	(16,140,122)

### DEFINED BENEFIT PLAN BENEFIT AND REFUND DEDUCTIONS FROM NET POSITION BY TYPE

### LAST TEN FISCAL YEARS

						Fisca	l Year					
	2014	- 2	2013	2012	2011	2010		2009	2008	2007	2006	2005
Type of Benefit Service retirement benefits Disability benefits Pre-Retirement death benefits	625,474,198 28,963,934 16,596,751											
Total benefits	\$ 671,034,883	\$	Ú,	\$ 	\$ - 1	\$ . 8	\$	(L)	\$ -	\$ - 3	\$ _ 8	\$ - 2
Type of Refund Death Separation Other	3,247,581 18,445,652											
Total refunds	\$ 21,693,233	\$	ů,	\$ -	\$ - 6	\$ 8	\$	-	\$ 	\$ , ú,	\$ ė	\$ 14

\*Data by type of refund, by plan, was not readily available for the years prior to 2014. This information will continue to be populated until the requisite ten years is displayed.

							Fisca	l Year						
	2	2014	- 2	2013	2012	2011	2010	2 11:	2009	2008	2007	2006	2	005
Type of Benefit Service retirement benefits Disability benefits Pre-Retirement death benefits		0,537,271 7,133,396 3,888,590												
Total benefits	\$ 12	1,559,257	\$		\$ - ×	\$ -	\$ -	\$	>	\$ )e	\$ -	\$ -	\$	ж.
Type of Refund Death Separation Other		613,327 4,988,774	Ī											
Total refunds	\$	5,602,101	\$	- 4.0	\$ - 1,2-	\$ -2	\$ - 1	\$		\$ 1,00	\$ -	\$ - 1	\$	

\*Data by type of refund, by plan, was not readily available for the years prior to 2014. This information will continue to be populated until the requisite ten years is displayed.

							Fisca	l Year						
		2014	2013	2012		2011	2010		2009	2008	2007	2006	- 2	2005
Type of Benefit														
Service retirement benefits		2,702,486												
Disability benefits														
Pre-Retirement death benefits	_	- 0												
Total benefits	\$	2,702,486	\$ 14	\$ 	\$	120	\$ -	\$	-74	\$	\$ - 1	\$ -	\$	14
Type of Refund														
Death														
Separation														
Other	_	1,897,634												
Total refunds	\$	1,897,634	\$	\$	*		\$	\$		\$	\$	\$	\$	

<sup>\*</sup>Data by type of refund, by plan, was not readily available for the years prior to 2014. This information will continue to be populated until the requisite ten years is displayed.

# BENEFIT AND REFUND DEDUCTIONS FROM NET POSITION BY TYPE (continued)

### LAST TEN FISCAL YEARS

					Fisca	Fiscal Year				
	2014	2013	2012	2011	2010	2009	2008	2002	2006	2002
Type of Benefit										
Service retirement benefits	738,713,955	714,823,347	670,876,190	625,577,713	595,870,176	564,341,497	516,877,544	484,050,311	448,493,907	419,704,172
Disability benefits	36,097,330	37,020,969	36,778,342	36,289,226	35,862,703	45,703,611	53,404,352	51,475,049	48,853,164	44,900,918
Pre-Retirement death benefits	20,485,341	20,515,684	19,559,715	19,289,534	19,001,489	12,559,888	6,063,767	5,862,639	5,680,814	5,613,268
Total benefits	\$ 795,296,626	\$ 772,360,000	\$ 727,214,247	\$ 681,156,473	\$ 650,734,368	\$ 622,604,996	\$ 576,345,663	\$ 541,387,999	\$ 795,296,626 \$ 772,360,000 \$ 727,214,247 \$ 681,156,473 \$ 650,734,368 \$ 622,604,996 \$ 576,345,663 \$ 541,387,999 \$ 503,027,886 \$ 470,218,358	5 470,218,358
Type of Refund										
Death	3,860,908	4,359,439	4,406,322	5,139,665	2,533,464	4,833,774	3,517,392	3,272,721	2,002,560	1,917,019
Separation	23,434,426	18,412,052	21,003,032	20,567,589	18,099,434	38,700,530	21,950,987	17,176,811	15,494,157	12,704,938
Other	1,897,634	1,254,306	18,733,381	6,496,738	2,462,834	2,077,637	1,840,172	1,489,218	1,410,862	1,353,419
Total refunds	\$ 29,192,968 \$ 24,025,797 \$	\$ 24,025,797		\$ 32,203,992	\$ 23,095,732	\$ 45,611,942	\$ 27,308,551	\$ 21,938,751	44,142,736 \$ 32,203,992 \$ 23,095,732 \$ 45,611,942 \$ 27,308,551 \$ 21,938,751 \$ 18,907,578 \$ 15,975,376	5 15,975,376

\*Historical aggregate information for the three plans will continue to be displayed until the requisite ten years of data by individual plan is available.

# GROUP LIFE INSURANCE PLAN BENEFIT AND REFUND DEDUCTIONS FROM NET POSITION BY TYPE

### LAST TEN FISCAL YEARS

					Fiscal Year	ar				
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2005
Type of Benefit		i	į				ĺ			
Basic active claims	3,201,313	3,150,890	2,579,586	1,670,491	1,401,542	2,109,195	1,667,981	1,650,657	1,553,776	1,680,927
Supplemental claims	1,506,000	1,861,008	549,000	972,344	1,242,024	1,520,346	1,471,000	1,505,000	1,280,000	846,410
Dependent claims	205,000	190,000	160,000	300,000	210,000	190,477	245,000	182,942	218,988	250,344
Accidental Death & Dismemberment claims	233,000	415,000	212,000	408,000	166,000	801,156	95,000	21,000	147,042	233,000
Basic retiree claims	5,081,721	4,670,754	4,600,319	5,131,699	5,373,083	5,215,134	4,647,103	4,509,130	4,169,092	4,111,284
	10,227,034	10,287,652	8,100,905	8,482,534	8,392,649	9,836,308	8,126,084	7,868,729	7,368,899	7,121,965
Conversion expense	46,020	139,035	96,135	181,545	162,533	130,260	84,825	151,613	203,044	93,085
Total benefits	\$ 10,273,054	\$ 10,273,054 \$ 10,426,687 \$ 8,197,040 \$ 8,664,079 \$ 8,555,182 \$ 9,966,568 \$ 8,210,909 \$ 8,020,342 \$ 7,571,942 \$ 7,215,050	8,197,040 \$	8,664,079 \$	8,555,182 \$	\$ 895,996,6	8,210,909 \$	8,020,342 \$	7,571,942 \$	7,215,050
Type of Refund Group Life Insurance premiums	4	-1	3,702	18,145	25,819	32,291	20,511	30,157	32,002	17,279
Total refunds	\$	\$	3,702 \$	18,145 \$	25,819 \$	32,291 \$	20,511 \$	30,157 \$	32,002 \$	17,279

### DEFINED BENEFIT PLAN - RETIRED MEMBERS BY TYPE OF BENEFIT LAST TEN FISCAL YEARS

### STATE AND TEACHER PLAN

Fiscal Year		Service Retiree Beneficiary	Disability Benefit	Pre-Retirement Death Benefits	Total Pension
Ending June 30:	Service Retirees	<u>Recipients</u>	<u>Recipients</u>	<u>Recipients</u>	Benefit Recipients
2014	24,210	6,057	1,701	643	32,611
2013	23,486	6,023	1,687	648	31,844
2012	22,304	5,986	1,756	643	30,689
2011	20,848	5,882	1,716	661	29,107
2010	20,164	5,861	1,721	689	28,435
2009	19,512	5,832	1,683	700	27,727
2008	18,878	5,620	1,691	802	26,991
2007	18,378	5,582	1,688	813	26,461
2006	17,870	5,460	1,673	878	25,881
2005	17,395	4,883	2,096	896	25,270

### PARTICIPATING LOCAL DISTRICT (PLD) CONSOLIDATED PLAN

		Service Retiree		Pre-Retirement	
Fiscal Year		Beneficiary	Disability Benefit	Death Benefits	Total Pension
Ending June 30:	Service Retirees	<b>Recipients</b>	<u>Recipients</u>	<b>Recipients</b>	Benefit Recipients
2014	5,853	1,898	408	174	8,333
2013	5,659	1,883	406	174	8,122
2012	5,181	1,826	347	166	7,520
2011	5,060	1,827	348	174	7,409
2010	4,830	1,824	347	171	7,172
2009	5,382	1,134	339	166	7,021
2008	5,253	1,065	396	225	6,939
2007	5,182	1,056	397	237	6,872
2006	5,118	1,045	386	228	6,777
2005	4,216	1,732	432	238	6,618

### PARTICIPATING LOCAL DISTRICT (PLD) PLAN - WITHDRAWN

		Service Retiree		Pre-Retirement	
Fiscal Year		Beneficiary	Disability Benefit	Death Benefits	Total Pension
Ending June 30:	Service Retirees	<b>Recipients</b>	<b>Recipients</b>	<b>Recipients</b>	Benefit Recipients
2014	137	54	0	0	191
2013	140	56	0	0	196
2012	143	56	0	0	199
2011	201	0	0	0	201
2010	198	0	0	0	198
2009	214	0	0	0	214
2008	252	0	0	0	252
2007	253	0	0	0	253
2006	260	0	0	0	260
2005	362	0	0	0	362

### **DEFINED BENEFIT PLAN - AVERAGE BENEFIT PAYMENTS**

### LAST TEN FISCAL YEARS

### STATE EMPLOYEE AND TEACHER PLAN

Retirement Effective Dates July 1, 2012 - June 30, 2014\*

### Years of Creditable Service

	Less than 5	5-10	10-15	15-20	20-25	25-30	Greater than 30
Period 7/1/2012 to 6/30/2013							
Average Monthly Benefit	206	445	738	1151	1706	1992	2878
Average Final Salary	39436	32566	31278	34029	38145	41268	47314
Number of Active Retirants	675	1101	2347	2173	3129	6346	8364
Period 7/1/2013 to 6/30/2014							
Average Monthly Benefit	186	449	748	1167	1720	2007	2908
Average Final Salary	12364	30399	30761	34684	39003	41984	48294
Number of Active Retirants	809	1198	2455	2261	3220	6439	8591

<sup>\*</sup>This table will continue to be populated until the requisite ten years of data is presented.

### PLD CONSOLIDATED PLAN

Retirement Effective Dates July 1, 2012 - June 30, 2014\*

### Years of Creditable Service

	Less than 5	5-10	10-15	15-20	20-25	25-30	Greater than 30
Period 7/1/2012 to 6/30/2013							
Average Monthly Benefit	136	449	629	1103	1710	2086	2858
Average Final Salary	39573	35552	28806	36407	32317	39707	46137
Number of Active Retirants	882	779	1002	906	1083	1076	656
Period 7/1/2013 to 6/30/2014							
Average Monthly Benefit	139	471	675	1178	1748	2138	2919
Average Final Salary	8018	23316	25525	31381	31737	40026	46278
Number of Active Retirants	1007	926	1064	1046	1072	1063	656

<sup>\*</sup>This table will continue to be populated until the requisite ten years of data is presented.

### PLD AGENT PLAN

Retirement Effective Da	ates
July 1 2012 - June 30	2014*

### Years of Creditable Service

	Less than 5	5-10	10-15	15-20	20-25	25-30	Greater than 30
Period 7/1/2012 to 6/30/2013							
Average Monthly Benefit	37	273	450	797	1748	2065	2319
Average Final Salary	39810	20825	13898	26695	29884	35644	42989
Number of Active Retirants	23	4	25	23	35	34	19
Period 7/1/2013 to 6/30/2014							
Average Monthly Benefit	45	275	457	833	1795	2118	2483
Average Final Salary	1661	16653	13692	24627	30255	36436	45304
Number of Active Retirants	20	4	23	22	34	34	21

<sup>\*</sup>This table will continue to be populated until the requisite ten years of data is presented.

### **DEFINED BENEFIT PLAN - AVERAGE BENEFIT PAYMENTS**

### LAST TEN FISCAL YEARS (continued)

### ALL DEFINED BENEFIT PENSION PLANS, COMBINED

**Retirement Effective Dates** 

July 1, 2004 - June 30, 2014

### Years of Creditable Service

	<u>Less than 5</u>	<u>5-10</u>	<u>10-15</u>	<u>15-20</u>	<u>20-25</u>	<u>25-30</u>	Greater than 30
Period 7/1/2004 to 6/30/2005	132	329	511	855	1 400	1 004	2.242
Average Monthly Benefit Average Final Salary	17,769	20,676	18,974	23,337	1,408 28,063	1,634 32,716	2,343 36,905
Number of Active Retirants	375	20,676 957	2,827	23,337 2,442	3,607	5,843	5,925
Number of Active Nethants	313	951	2,021	2,442	3,007	5,045	3,923
Period 7/1/2005 to 6/30/2006							
Average Monthly Benefit	137	339	534	884	1,449	1,688	2,429
Average Final Salary	18,131	21,370	19,934	24,207	28,918	33,712	38,236
Number of Active Retirants	372	972	2,801	2,472	3,644	6,033	6,205
Period 7/1/2006 to 6/30/2007							
Average Monthly Benefit	143	357	561	931	1,514	1,769	2,549
Average Final Salary	18,663	22,659	20,722	25,350	29,825	34,774	39,620
Number of Active Retirants	371	1,009	2,806	2,484	3,682	6,264	6,476
Period 7/1/2007 to 6/30/2008	1.40	271	FOF	000	1 505	1 001	2.642
Average Monthly Benefit Average Final Salary	148 19644	371 23,981	585 21,766	966 26,250	1,565 30,720	1,831 35,744	2,643 41,078
Number of Active Retirants	371	1065	2796	2510	3718	6412	6789
ramber of Adams Reducine	0.1	1000	2,00	2010	0.10	0.112	0.00
Period 7/1/2008 to 6/30/2009							
Average Monthly Benefit	388	398	616	1,017	1,625	1,907	2,737
Average Final Salary	23532	24,858	22,828	27,456	31,630	36,735	42,107
Number of Active Retirants	451	1132	2810	2570	3827	6657	7501
Period 7/1/2009 to 6/30/2010							
Average Monthly Benefit	617	388	617	1,016	1,583	1,867	2,653
Average Final Salary	25338	26,322	23,944	28,556	32,700	37,655	43,265
Number of Active Retirants	559	1175	2819	2594	3898	6782	7868
Period 7/1/2010 to 6/30/2011							
Average Monthly Benefit	419	399	636	1,035	1,599	1,877	2,681
Average Final Salary	26382	27,791	25,452	29,842	34,108	38,836	44,693
Number of Active Retirants	551	1276	2913	2681	4083	7060	8221
Period 7/1/2011 to 6/30/2012	C 47	407	671	1.002	1.670	1.070	2.045
Average Monthly Benefit Average Final Salary	647 25,200	427 59,515	671 27,199	1,083 31,429	1,678 35,443	1,979 40,189	2,845 46,386
Number of Active Retirants	25,200 568	1,402	3,013	2,777	4,182	7,413	8,863
rumber of Active Retirants	300	1,402	0,010	2,111	4,102	7,410	0,000
Period 7/1/2012 to 6/30/2013							
Average Monthly Benefit	364	433	681	1,105	1,698	2,006	2,881
Average Final Salary	28,688	30,446	28,554	32,680	36,429	41,244	47,413
Number of Active Retirants	440	1,482	3,112	2,860	4,288	7,658	9,194
Period 7/1/2013 to 6/30/2014							
Average Monthly Benefit	179	470	727	1168	1728	2026	2908
Average Final Salary	9877	27332	29082	33579	37127	41680	48133
Number of Active Retirants	1821	2123	3537	3320	4328	7537	9274

### DEFINED BENEFIT PLAN RETIRED MEMBERS BY TYPE OF BENEFIT AND OPTION As of June 30, 2014

STATE															
	Туре о	f Retireme	ent							Option	Selected				
Amount of Monthly Benefit	Number of Retired Members	1	2	3	4	0	1	2	3	4	5	6	7	8	Other
0 - 250	2259	1195	856	8	200	623	187	277	63	16	750	66	24	22	231
251 - 500	3277	1329	1314	9	625	707	193	268	107	11	1196	79	17	24	675
501 - 750	2780	1437	982	19	342	774	186	252	134	13	884	86	23	32	396
751 - 1000	2272	1612	513	35	112	824	190	230	183	22	489	81	36	39	178
1001 - 1250	2311	1798	316	65	132	852	208	241	165	15	448	80	44	45	213
1251 - 1500	2579	2116	263	121	79	959	277	279	153	11	504	86	40	63	207
1501 - 1750	2621	2216	192	148	65	1011	283	250	161	23	480	89	47	59	218
1751 - 2000	2593	2205	169	151	68	1000	279	260	124	27	462	76	64	79	222
2001 -	12153	11065	405	570	113	5404	1366	1140	603	214	1497	378	392	474	685
Totals	32845	24973	5010	1126	1736	12154	3169	3197	1693	352	6710	1021	687	837	3025

CONSOLIDATED PLD															
	Type of Re	etirement								Option	Selected				
Amount of Monthly Benefit	Number of Retired Members	1	2	3	4	0	1	2	3	4	5	6	7	8	Other
0 - 250	1853	1235	490	8	120	625	169	263	91	17	423	70	31	30	134
251 - 500	1449	896	454	17	82	393	154	259	71	8	358	54	20	18	114
501 - 750	1309	814	282	22	191	330	124	200	78	10	246	52	18	25	226
751 - 1000	840	608	160	32	40	256	88	144	74	11	125	36	15	12	79
1001 - 1250	708	553	108	29	18	202	86	132	55	5	110	32	18	17	51
1251 - 1500	602	486	61	32	23	170	64	101	27	7	126	26	11	13	57
1501 - 1750	536	436	48	34	18	141	55	95	34	4	117	23	10	5	52
1751 - 2000	482	395	33	48	6	165	42	52	27	5	104	18	7	8	54
2001 -	1604	1411	59	112	22	557	152	195	91	24	264	99	40	48	134
Totals	9383	6834	1695	334	520	2839	934	1441	548	91	1873	410	170	176	901

	Type of Ret	irement								Option	Selected				
Amount of Monthly Benefit	Number of Retired Members	1	2	3	4	0	1	2	3	4	5	6	7	8	Other
0 - 250	48	30	15	0	3	17	1	8	1	0	12	4	0	2	3
251 - 500	37	14	19	0	4	9	1	1	3	0	18	1	0	0	4
501 - 750	32	18	12	0	2	9	6	3	1	0	10	1	0	0	2
751 - 1000	14	9	2	1	2	4	0	2	2	0	2	0	0	0	4
1001 - 1250	17	16	1	0	0	5	0	3	1	1	4	1	2	0	0
1251 - 1500	9	9	0	0	0	4	0	3	1	0	0	0	0	1	0
1501 - 1750	12	11	0	0	1	2	2	3	1	1	2	0	0	0	1
1751 - 2000	8	7	1	0	0	1	0	3	0	0	4	0	0	0	0
2001 -	47	44	3	0	0	6	3	7	6	1	20	4	0	0	0
Totals	224	158	53	1	12	57	13	33	16	3	72	11	2	3	14

## EMPLOYEE CONTRIBUTION RATES LAST TEN FISCAL YEARS

					Fiscal Year	ear				
	2014	2013	2012	2011	2010	2009	2008	2007	2006	2002
Judicial Employees	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%
Legislative Employees	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%
School Teacher Employees	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%
State of Maine Employees										
General	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%	7.65%
Police - Grandfathered	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
Marine Wardens - Grandfathered	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
Game Wardens - Grandfathered	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
Prison Wardens - Grandfathered	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
Forest Rangers - Grandfathered	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
1998 Special Groups	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
HazMat/DEP 24030	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%	8.65%
Participating Local District Employees										
Employee Class:										
AC - General COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
BC - General COLA	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%	3.00%
1C - Special COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
2C - Special COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
3C - Special COLA	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
4C - Special COLA	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%
AN - General No COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
1N - Special No COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
2N - Special No COLA	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
3N - Special No COLA	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%	8.00%
4N - Special No COLA	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%	7.50%

## EMPLOYER CONTRIBUTION RATES LAST TEN FISCAL YEARS

					Fiscal Year	ar				
	2014	2013	2012	2011	2010	2009	2008	2002	2006	2005
Judicial Employees	13.25%	11.98%	11.99%	14.12%	14.35%	15.85%	15.87%	15.01%	15.09%	18.08%
Legislative Employees	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	%00.0	0.00%	0.00%
School Teacher Employees	15.68%	13.85%	13.85%	17.28%	17.28%	16.72%	16.72%	17.23%	17.23%	16.02%
State of Maine Employees										
Employee Class:										
General	18.14%	14.21%	14.18%	16.92%	16.38%	17.37%	17.01%	15.88%	15.52%	13.74%
Police - Grandfathered	40.43%	39.36%	39.22%	51.26%	50.19%	48.69%	47.70%	44.04%	43.02%	35.00%
Marine Wardens - Grandfathered	31.20%	33.44%	33.33%	54.49%	53.32%	40.67%	39.94%	45.63%	44.55%	38.27%
Game Wardens - Grandfathered	35.98%	38.60%	38.47%	54.48%	53.30%	50.14%	49.11%	47.07%	45.94%	39.03%
Prison Wardens - Grandfathered	29.05%	26.83%	26.74%	27.03%	25.81%	25.68%	25.15%	24.29%	23.70%	17.79%
Forest Rangers - Grandfathered	22.36%	13.69%	13.65%	22.32%	21.84%	22.18%	21.70%	18.21%	17.79%	15.78%
1998 Special Groups	22.65%	17.39%	17.33%	19.06%	18.27%	19.50%	19.09%	18.11%	17.68%	15.55%
HazMat/DEP	22.65%	17.39%	17.33%	19.06%	18.27%	19.50%	19.09%	18.11%	17.68%	15.55%
Participating Local District Employees										
Employee Class:										
AC - General COLA	6.50%	5.30%	4.40%	3.50%	2.80%	2.80%	2.80%	2.80%	2.80%	2.80%
BC - General COLA	3.90%	3.20%	2.70%	2.10%	1.70%	1.70%	1.70%	1.70%	1.70%	1.70%
1C - Special COLA	12.80%	12.20%	10.20%	8.10%	6.50%	6.50%	6.50%	6.50%	6.50%	6.50%
2C - Special COLA	7.90%	7.50%	6.30%	2.00%	4.00%	4.00%	4.00%	4.00%	4.00%	4.00%
3C - Special COLA	10.50%	10.00%	8.30%	%09'9	5.30%	5.30%	5.30%	5.30%	5.30%	5.30%
4C - Special COLA	6.90%	%09'9	2.50%	4.40%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
AN - General No COLA	3.40%	2.80%	2.40%	1.90%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
1N - Special No COLA	7.10%	6.80%	2.60%	4.50%	3.60%	3.60%	3.60%	3.60%	3.60%	3.60%
2N - Special No COLA	4.20%	4.00%	3.30%	2.60%	2.20%	2.20%	2.20%	2.20%	2.20%	2.20%
3N - Special No COLA	5.80%	5.50%	4.50%	3.60%	2.90%	2.90%	2.90%	2.90%	2.90%	2.90%
4N - Special No COLA	3.80%	3.60%	3.00%	2.40%	1.90%	1.90%	1.90%	1.90%	1.90%	1.90%

## PRINCIPAL PARTICIPATING EMPLOYERS

## CURRENT YEAR AND NINE YEARS AGO

	2014				2005		
Participating Entity	Covered Employees	Rank	Percentage of Total <u>System</u>	Participating Entity	Covered <u>Employees</u>	Rank	Percentage of Total <u>System</u>
State of Maine	14,488	₽	25.71	State of Maine	16,383	Н	24.65
Maine Veterans Home - Central Office	1,452	2	2.58	Portland School Department	1,296	2	1.95
Portland School Department	1,192	ო	2.12	Maine Veterans Home - Central Office	1,257	ო	1.89
City of Portland	988	4	1.57	City of Portland	863	4	1.3
Lewiston School Department	622	2	1.38	Bangor School Department	746	2	1.12
Bangor School Department	009	9	1.06	RSU #75 - MSAD #75 Topsham	721	9	1.08
RSU #14	547	7	0.97	Lewiston School Department	869	7	1.05
RSU #6 - MSAD #6 Bar Mills	545	80	0.97	Auburn School Department	627	80	0.94
South Portland School Department	523	6	0.93	Sanford School Department	809	6	0.91
Auburn School Department	523	10	0.93	RSU #6 - MSAD #6 Bar Mills	605	10	0.91
All Others	34,817	11	61.78	All Others	42,666	11	64.19
Total (540 Participating Entities)	56,352		100.00	Total (547 Participating Entities)	66,470		66.66

Note: All Others includes employees covered under two or more employer types. In 2014, "All Others" consisted of:

	<b>Employer Count</b>	Member Count
Judicial Retirement System	П	99
Legislative Retirement System	Н	182
Participating Local Districts	314	9,824
School Districts	214	24,745
Totals:	530	34,817

Note: Covered employees of these employers are eligible to participate in the Defined Benefit Plans administered by MainePERS, which provide normal and disability retirement benefits and certain survivor benefits, as well as benefits under the Group Life Insurance Plan.

ata for this table are derived from the System's Benefit dministration System.

**PROGRAM:** STATE EMPLOYEE / TEACHER

RETIREMENT PROGRAM

Participants: **State Employees Employer:** State of Maine Reporting Entity: State of Maine

**Participants: State Employees** 

**Employers: Various** Reporting Entity: (as follows)

Central Maine Community College Eastern Maine Community College Kennebec Valley Community College Maine Community College System - Admin

Maine Dairy & Nutrition Council

Maine Developmental Disabilities Council

Maine Potato Board

ME Community College - Career Advantage MECDHH/Gov. Baxter School for the Deaf Northern Maine Community College

Northern New England Passenger Rail Authority

Southern Maine Community College Washington County Community College Wild Blueberry Commission of Maine York County Community College

**Participants: Teachers** 

**Employers:** State of Maine; School Administrative

**Units for Grant-funded Teachers** 

Reporting Entity: (as follows)

Acton School Department

AOS #43 Central Office

AOS #43 Howland

AOS #43 Milo

AOS #47 Central Office

AOS #47 Dedham

AOS #47 Orrington

AOS #66 Central Office

AOS #66 East Millinocket

AOS #66 Medway

AOS #77 Alexander

AOS #77 Central Office

AOS #77 Charlotte

AOS #77 Eastport

AOS #77 Lubec

AOS #77 Pembroke

AOS #77 Perrv

AOS #77 Robbinston

AOS #81 Central Office

AOS #81 - CSD #8 Airline

AOS #81 Holden

AOS #90 Baileyville

AOS #90 Central Office

AOS #90 East Range

AOS #90 Lee

AOS #90 Princeton

AOS #91 Bar Harbor

AOS #91 Central Office AOS #91 Cranberry Isle

AOS #91 Frenchboro

AOS #91 Mt Desert

AOS #91 Mt. Desert Island High School

AOS #91 Southwest Harbor

AOS #91 Swans Island

AOS #91 Tremont

AOS #91 Trenton

AOS #92 Central Office

AOS #92 Vassalboro

AOS #92 Waterville

AOS #92 Winslow

AOS #93 Bristol AOS #93 Central Office

AOS #93 Great Salt Bay

AOS #93 Jefferson

AOS #93 Nobleboro

AOS #93 South Bristol

AOS #94 / MSAD #46 AOS #94 Central Office

AOS #94 Harmony

AOS #95 St John Valley Allagash

AOS #95 St. John Valley Central Office

AOS #95 St. John Valley Ft. Kent

AOS #96 Central Office

AOS #96 Cutler

AOS #96 East Machias

AOS #96 Jonesboro

AOS #96 Machias

AOS #96 Machiasport

AOS #96 Marshfield

AOS #96 Northfield

AOS #96 Roque Bluffs

AOS #96 Wesley

AOS #96 Whiting AOS #96 Whitneyville

AOS #97 Central Office

AOS #97 Fayette

AOS #97 Winthrop

AOS #98 Boothbay Harbor

AOS #98 Central Office Rocky Channels School System

AOS #98 Edgecomb

AOS #98 Georgetown

AOS #98 Southport

Athens School Department

**Auburn School Department** 

Augusta School Department

**Bangor School Department** 

**Biddeford School Department** 

Brewer School Department

**Brunswick School Department** Calais School Department

Cape Elizabeth School Department

Caswell School Department

Chebeague Island School Department

Cherryfield School Department

CSD #13 - Deer Isle/Stonington

CSD #17 - Moosabec

CSD #18 - Wells/Ogunquit

CSD #19 - Five Town CSD

**Easton School Department** 

**Erskine Academy** 

**Eustis School Department** 

Falmouth School Department

**Foxcroft Academy** 

Fryeburg Academy

(continued)

TEACHERS (continued)	Regional School Unit #6 - MSAD #6 Bar Mills
	Regional School Unit #9 - MSAD #9 Farmington
George Stevens Academy	Regional School Unit #10
Glenburn School Department	Regional School Unit #11 - MSAD #11 Gardiner
Gorham School Department	Regional School Unit #12 - Sheepscot Valley
Gould Academy	Regional School Unit #13
Greenbush School Department	Regional School Unit #14
Hermon School Department	Regional School Unit #15 - MSAD #15 Gray
Indian Island	Regional School Unit #16
Indian Township	Regional School Unit #10 - MSAD #17 South Paris
Isle Au Haut School Department	Regional School Unit #18
Islesboro School Department	Regional School Unit #19
Kittery School Department	Regional School Unit #20
Lee Academy	Regional School Unit #21
Lewiston School Department	Regional School Unit #22 - MSAD #22 Hampden
Lincoln Academy	Regional School Unit #23
Lincolnville School Department	Regional School Unit #24
Lisbon School Department	Regional School Unit #25
Long Island School Department	Regional School Unit #26
Madawaska School Department	Regional School Unit #29 - MSAD # 29 Houlton
Maine Central Institute	Regional School Unit #34
Maine Education Association	Regional School Unit #37 - MSAD #37 Harrington
Maine Indian Education	Regional School Unit #38
Maine School of Science & Mathematics	Regional School Unit #39 - Eastern Aroostook
Milford School Department	Regional School Unit #44 - MSAD #44 Bethel
Millinocket School Department	Regional School Unit #49 - MSAD #49 Fairfield
Monhegan Plantation School Department	Regional School Unit #50
MSAD #4 Guilford	Regional School Unit #51 - MSAD #51 Cumberland Center
MSAD #7 North Haven	Regional School Unit #52 - MSAD #52 Turner
MSAD #8 Vinalhaven	Regional School Unit #54 - MSAD #54 Skowhegan
MSAD #12 Jackman	Regional School Unit #55 - MSAD #55 Cornish
MSAD #13 Bingham	Regional School Unit #57 - MSAD #57 Waterboro
MSAD #20 Fort Fairfield	Regional School Unit #60 - MSAD #60 North Berwick
MSAD #23 Carmel	Regional School Unit #61 - MSAD #61 Bridgton
MSAD #24 Van Buren	Regional School Unit #64 - MSAD #64 East Corinth
MSAD #28 Camden	Regional School Unit #67 - MSAD #67 Lincoln
MSAD #32 Ashland	Regional School Unit #68 - MSAD #68 Dover-Foxcroft
MSAD #33 St. Agatha	Regional School Unit #70 - MSAD #70
MSAD #35 Eliot	Regional School Unit #72 - MSAD #72 Fryeburg
MSAD #40 Waldoboro	Regional School Unit #73
MSAD #42 Mars Hill	Regional School Unit #74 - MSAD #74 North Anson
MSAD #45 Washburn	Regional School Unit# 75 - MSAD #75 Topsham
MSAD #53 Pittsfield	Regional School Unit #78
MSAD #58 Kingfield	Regional School Unit #79 - MSAD #1 Presque Isle
MSAD #59 Madison	Regional School Unit #84 - MSAD #14
MSAD #65 Matinicus	Sanford School Department
Otis School Department	Scarborough School Department
Oxford Hill Technical School #11	School Agent Carrabassett
Pleasant Point School	School Agent Coplin Plantation
Portland School Department	School Agent Pleasant Ridge Plantation
Region 2 School of Applied Southern Aroostook County	South Portland School Department
Region 3 Northern Penobscot County	Thornton Academy
Region 4 Southern Penobscot County	Union 60 Greenville
Region 7 Waldo County Technical Center	Union 60 Shirley
Region 8 Cooperative Board for Vocational Education	Union 69 Appleton
Region 9 School of Applied Technology	Union 69 Hope
Region 10 Cumberland-Sagadahoc County	Union 76 Brooklin
Regional School Unit #1	Union 76 Sedgewick
Regional School Unit #2 - K.I.D.S	Union 92 Surry School Department
Regional School Unit #3 - MSAD #3 Unity	Union 93 Blue Hill
Regional School Unit #4	Union 93 Brooksville
Regional School Unit #5	Union 93 Castine

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### **TEACHERS** (continued)

Union 93 Penobscot Union 103 Beals Union 103 Jonesport Union 122 New Sweden Union 122 Westmanland Union 122 Woodland

Vanceboro School Department

Washington Academy

Participants:

**Employer:** 

Westbrook School Department Yarmouth School Department York School Department

LEGISLATIVE RETIREMENT **PROGRAM:** 

> **PROGRAM** Legislators State of Maine

Office of the Executive Director of **Reporting Entity:** 

the Maine Legislature

JUDICIAL RETIREMENT PROGRAM:

**PROGRAM Participants: Judges** 

**Employer:** State of Maine

**Reporting Entity: Administrative Office of the Courts** 

**PROGRAM:** PARTICIPATING LOCAL DISTRICT

RETIREMENT PROGRAM

**Employers:** PLDs (Active and Withdrawn)

**Reporting Entities:** (as follows)

Androscoggin County

Androscoggin Valley Council of Government

**Aroostook County** Auburn Housing Authority

Auburn Lewiston Airport Auburn Public Library Augusta Housing Authority Bangor Housing Authority **Bangor Water District** 

Bath Water District

Baxter Academy for Technology and Sciences

Belfast Water District Berwick Sewer District **Biddeford Housing Authority Boothbay Region Water District** Bowdoinham Water District **Brewer Housing Authority** Brunswick Fire And Police

Brunswick Public Library Association

**Brunswick Sewer District** Cape Elizabeth Police Caribou Fire & Police City of Auburn

City of Augusta City of Bath City of Belfast City of Biddeford City of Brewer

City of Calais

City of Ellsworth City of Gardiner

City of Hallowell City of Lewiston

City of Old Town

City of Portland

City of Rockland

City of Saco

City of Sanford City of South Portland

City of Westbrook

Coastal Counties Workforce Incorporated

Community School Dist. #912 Community School District #918

Corinna Sewer District

Cornville Regional Charter School

**Cumberland County** 

Dover-Foxcroft Water District

Eagle Lake Water & Sewer District

Eastern Aroostook RSU No. 39

Erskine Academy

Falmouth Memorial Library Farmington Village Corporation Fort Fairfield Housing Authority Fort Fairfield Utilities District

Franklin County

Gardiner Water District Good Will Home Association

Gould Academy

Greater Augusta Utility District

Hampden Water District

Hancock County

Harpswell Coastal Academy Houlton Water Company Jackman Utility District

Kennebec County Kennebec Sanitary Treatment District

Kennebec Water District

Kennebunk Kennebunkport Wells Water Dist

Kennebunk Light & Power District

Kennebunk Sewer District Kittery Water District Lewiston Auburn 911 Lewiston Housing Authority

Lewiston-Auburn Water Pollution Cont. Au

Lincoln & Sagadahoc Multi-Co Jail Auth Lincoln Academy Lincoln County

Lincoln County Sheriffs Lincoln Sanitary District Lincoln Water District Lisbon Water Department Livermore Falls Water District

Lubec Water District M.A.D.S.E.C.

Madawaska Water District

Maine Academy of Natural Sciences Maine County Commissioners Association

Maine Maritime Academy Maine Municipal Association Maine Municipal Bond Bank Maine Principals' Association

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### **CONSOLIDATED PLAN FOR PLDs** (continued)

Maine Public Employees Retirement System Maine School Management Association

Maine State Housing Authority

Maine Turnpike Authority

Maine Veterans Home - Central Office

Mars Hill Utility Dist

Mechanic Falls Sanitary Dist Midcoast Council of Governments

Milo Water District

Mount Desert Island Regional Mount Desert Water District

MSAD #13 Bingham MSAD #31 Howland MSAD #41 Milo MSAD #53 Pittsfield **Newport Water District** North Berwick Water District

Norway Water District Old Town Housing Authority Old Town Water District

Oxford County Paris Utility District Penobscot County Penquis C.A.P. Piscataguis County

PI Pt Passamaquoddy Resv Housing Auth

Portland Housing Authority Portland Public Library

Region 4 United Technologies Center

Regional School Unit 1 Regional School Unit No. 2 Regional School Unit No. 4 Regional School Unit No. 5 Regional School Unit No. 10 Regional School Unit No. 16 Regional School Unit No. 20 Regional School Unit No. 21 Regional School Unit No. 23 Regional School Unit No. 24 Regional School Unit No. 25 Regional School Unit No. 26 Regional School Unit No. 34 Richmond Utility District

RSU #29 - MSAD #29 Houlton RSU #49 - MSAD #49 Fairfield RSU #51 - MSAD #51 Cumberland Center RSU #54 - MSAD #54 Skowhegan RSU #60 - MSAD #60 North Berwick

RSU #67 - MSAD #67 Lincoln

RSU #73

Rumford Fire & Police

Rumford Mexico Sewerage District

**Rumford Water District** Sagadahoc County Sanford Housing Authority Sanford Sewerage District Sanford Water District Searsport Water District Somerset County

South Berwick Sewer District South Berwick Water District

South Portland Housing Authority

Thompson Free Library **Topsham Sewer District** Town of Baileyville Town of Bar Harbor Town of Berwick Town of Bethel

Town of Boothbay Harbor Town of Brownville Town of Brunswick Town of Buckfield

Town of Bucksport Town of Camden

Town of Carrabassett Valley

Town of Chesterville Town of China Town of Corinna Town of Cumberland Town of Damariscotta Town of Dexter Town of Dover-Foxcroft Town of Durham

Town of East Millinocket

Town of Easton Town of Eliot Town of Fairfield Town of Falmouth Town of Farmington Town of Fort Fairfield Town of Freeport Town of Frenchville Town of Frveburg Town of Glenburn Town of Grand Isle Town of Greenville Town of Hampden Town of Harrison Town of Hermon

Town of Houlton Town of Jay Town of Kennebunk Town of Kennebunkport

Town of Hodgdon

Town of Holden

Town of Kittery Town of Lebanon Town of Levant Town of Limestone Town of Lincoln Town of Linneus Town of Lisbon

Town of Livermore Falls

Town of Lovell Town of Lubec Town of Madawaska Town of Mapleton Town of Mars Hill Town of Mechanic Falls Town of Medway Town of Milford Town of Millinocket Town of Monmouth Town of Monson

(continued)

### **CONSOLIDATED PLAN FOR PLDs** (continued)

Town of Mt. Desert Town of New Gloucester

Town of Newport

Town of North Berwick

Town of Norway

Town of Ogunquit

Town of Old Orchard Beach

Town of Orland

Town of Orono

**Town of Orrington** 

Town of Otisfield

Town of Oxford

Town of Paris

Town of Phippsburg

Town of Pittsfield Town of Poland

Town of Princeton

Town of Richmond

Town of Rockport

Town of Rumford

Town of Sabattus

Town of Scarborough

Town of Searsport

Town of Skowhegan

Town of South Berwick

Town of St. Agatha

Town of Thomaston

Town of Topsham

Town of Trenton

Town of Union

Town of Van Buren

Town of Vassalboro

Town of Waldoboro

Town of Washburn

Town of West Bath

Town of Wilton

Town of Windham

Town of Winthrop

Town of Wiscasset

Town of Yarmouth

Town of York

Training and Development Corporation

Tri-Community Recycle\Sanitary Landfill

Van Buren Housing Authority

Veazie Fire & Police

Waldo County

Washburn Water and Sewer District

Washington County

Waterville Fire & Police

Waterville Sewerage District

Wells Fire and Police

Westbrook Fire & Police

Winter Harbor Utility District

Winterport Water & Sewer Districts

Winthrop Utilities District

Yarmouth Water District

York County

York Sewer District

York Water District

PROGRAM: PARTICIPATING LOCAL DISTRICT

**RETIREMENT PROGRAM** 

Individual

**Employers:** Withdrawn (Non-Consolidated)

**Participating Local Districts** 

Reporting Entities: (as follows)

Bingham Water District

Bridgton, Town of

Cape Elizabeth School Support

Cape Elizabeth, Town of

Community School District #903

Fort Kent, Town of

**Knox County** 

Limestone Water & Sewer District

Milo, Town of

New Canada, Town of

Norway-Paris Solid Waste Incorporated

Presque Isle, City of

Western Maine Community Action

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