

Michigan Legislative Retirement System

Comprehensive Annual
Financial Report
for the Fiscal Year
September 30, 2015

A Pension Fund of the State of Michigan

Michigan Legislative Retirement System

Comprehensive Annual Financial Report for the Fiscal Year Ended September 30, 2015



M L R S

A Pension and Other Employee Benefit Trust Fund of the State of Michigan

**Prepared by:
Michigan Legislative Retirement System
Anderson House Office Building, Suite S0927
P.O. Box 30014
Lansing, Michigan 48909
(517) 373-0575**

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INTRODUCTORY SECTION

Michigan Legislative Retirement System

**Comprehensive Annual Financial Report
for the Fiscal Year Ended September 30, 2015**

INTRODUCTORY SECTION



**Certificate of Achievement
Letter of Transmittal
Retirement Board Members
Advisors and Consultants
Organization Chart**

INTRODUCTORY SECTION



Government Finance Officers Association

Certificate of Achievement for Excellence in Financial Reporting

Presented to

Michigan Legislative Retirement System

For its Comprehensive Annual
Financial Report
for the Fiscal Year Ended

September 30, 2014

Executive Director/CEO

INTRODUCTORY SECTION

Letter of Transmittal

CHRISTINE HAMMOND
DIRECTOR

TEL. NO.: (517) 373-0575
FAX NO.: (517) 373-5639
TOLL FREE: (877) 577-5628
EMAIL: chammon@house.mi.gov



STATE OF MICHIGAN
LEGISLATIVE RETIREMENT SYSTEM
P.O. BOX 30014
LANSING, MICHIGAN
48909-7514

December 30, 2015

The Honorable Rick Snyder
Governor, State of Michigan

Members of the Legislature
State of Michigan

Retirement Board Members
and
Members, Retirees, and Beneficiaries

Ladies and Gentlemen:

We are pleased to present the comprehensive annual report of the Michigan Legislative Retirement System (MLRS or System) for fiscal year 2015.

INTRODUCTION TO REPORT

The System was established by legislation under Public Act 261 of 1957. Information regarding the background and description of the System is presented in Note 1 in the financial section of this report. The purpose of the System is to provide benefits for eligible current and former state legislators. The services provided by the staff are performed to facilitate the payment of benefits to members.

Responsibility

Responsibility for both the accuracy of the data and the completeness and fairness of the presentation, including all disclosures, rests with the management of the System. To the best of our knowledge and belief, the enclosed data is accurate in all material respects and is reported in a manner designed to present fairly the financial position and results of operations of the System.

Management's Discussion and Analysis (MD&A)

Generally Accepted Accounting Principles (GAAP) requires that management provide an overview and analysis of the System's financial statements, which is called the MD&A. This letter of transmittal should be read in conjunction with the MD&A. The MD&A is found in the beginning of the financial section of this report.

INTRODUCTORY SECTION

Letter of Transmittal (Continued)

FINANCIAL INFORMATION

Internal Control

The management of the System is responsible for maintaining a system of adequate internal accounting control designed to: (1) provide reasonable assurance that transactions are executed in accordance with management's general or specific authorization; (2) record transactions necessary to maintain accountability for assets; and (3) permit preparation of financial statements in accordance with generally accepted accounting principles in the United States of America. The internal control process is designed to provide reasonable assurance regarding the safekeeping of assets and reliability of all financial records. 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. This internal control structure includes maintaining written policies and procedures.

INVESTMENT

The System Board of Trustees is the investment fiduciary for the System, and pursuant to state law, the state treasurer is the custodian of all investments of the System. The System's overall investment objective is to obtain a competitive total rate of return on investments commensurate with Act No. 314 of the Michigan Public Acts of 1965, as amended (MCL §38.1132 et seq., which is the Michigan statute governing the investments of public pension funds), the System's risk-taking ability, and the responsibilities of the System to provide retirement benefits for its members, retirees, and their beneficiaries. In absolute terms, this return objective should approximate the System's actuarial assumed rate of return, which is currently 7%. The investment activity for the year produced a total rate of return on the portfolio of (4.6%). A summary of asset allocation and investment portfolio information can be found in the investment section of this report.

FUNDING

Funds are derived from the excess of revenue over expenses. Funds are accumulated by the System in order to meet future benefit obligations to retirees and beneficiaries. The percentage computed by dividing the actuarial value of assets over the actuarial accrued liability is referred to as the "funded ratio." This ratio provides an indication of the funded status of the System and, generally, the greater this percentage, the stronger the System. A higher level of funding gives participants a greater degree of assurance that their pension benefits are secure. Effective in fiscal year 2011, the system uses actuarial valuations from the previous fiscal year.

Pension Plan

As of September 30, 2014, the actuarial value of the assets and actuarial accrued liability of the fund were \$135.8 million and \$192.8 million respectively, resulting in a funded ratio of 70%. A historical perspective of funding levels for the System is presented in the statistical section of this report.

Other Postemployment Benefits Plan (OPEB)

As of September 30, 2014, the actuarial value of the assets and actuarial accrued liability of the fund were \$23.6 million and \$158.6 million respectively, resulting in a funded ratio of 15%. OPEB valuations were required beginning fiscal year 2007 and do not require retroactive application. Therefore, seven (7) valuation years of historical funding levels for the System are presented in the Required Supplementary Information in the financial section of this report.

INTRODUCTORY SECTION

Letter of Transmittal (Continued)

PROFESSIONAL SERVICES

Audit Services

The Office of the Auditor General (OAG), independent auditors, conducts audits of the System. The independent auditor's report on the System's financial statements is included in the financial section of this report. The financial statements of the System are audited by the Auditor General as part of his constitutional responsibility.

Actuarial Services

Statute requires an annual actuarial valuation be conducted for the pension benefits. The purpose of the valuation is to evaluate the mortality, service, compensation, and other financial experience of the System and to recommend funding rates. This annual actuarial valuation was completed for the fiscal years ended September 30, 2014. Actuarial certification and supporting statistics are included in the actuarial section of this report.

Financial Services

The Board of Trustees for the System retains thirteen (13) investment managers and a financial consultant to assist the board in its statutory responsibility to invest the System's funds. These advisors are identified in the introductory section of this report. By statute, the State Treasurer acts as the custodian for the System. Investment information is included in the investment section of this report.

HONORS

The Government Finance Officers Association of the United States and Canada (GFOA) awarded a Certificate of Achievement for Excellence in Financial Reporting to the Michigan Legislative Retirement System for its comprehensive annual financial report for the fiscal year ended September 30, 2014. In order to be awarded a Certificate of Achievement, a government must publish an easily readable and efficiently organized comprehensive annual financial report. This report must satisfy both generally accepted accounting principles and applicable legal requirements.

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

ACKNOWLEDGEMENTS

The preparation of this report was accomplished with the dedication and cooperation of several people, including Lorie Blundy, the System's Chief Accountant. It is intended to provide complete and reliable information as a basis for making management decisions, as a means of determining compliance with legal provisions, and as a means for determining responsible stewardship of the funds of the System.

We would like to express our appreciation for the assistance given by staff, the advisors, and other persons who contributed to the preparation of this report. We believe their combined efforts have produced a report that will enable the System Board of Trustees, plan members, and other interested parties to evaluate and understand the Michigan Legislative Retirement System.

Sincerely,

A handwritten signature in black ink, appearing to read "Christine Hammond", with a stylized flourish at the end.

Christine Hammond, Director
Michigan Legislative Retirement System

INTRODUCTORY SECTION

Administrative Organization

Retirement Board Members

The Honorable R. Robert Geake
Retiree Member
Chairperson of the Board

The Honorable Alma Smith
Retiree Member
Vice-Chairperson of the Board

The Honorable Burton Leland
Retiree Member

The Honorable John Cherry
Retiree Member

The Honorable Philip Hoffman
Retiree Member

The Honorable Joseph Palamara
Retiree Member

The Honorable Donald Gilmer
Defined Contribution Plan Member

The Honorable John Jamian
Retiree Member

The Honorable Maxine Berman
Retiree Member

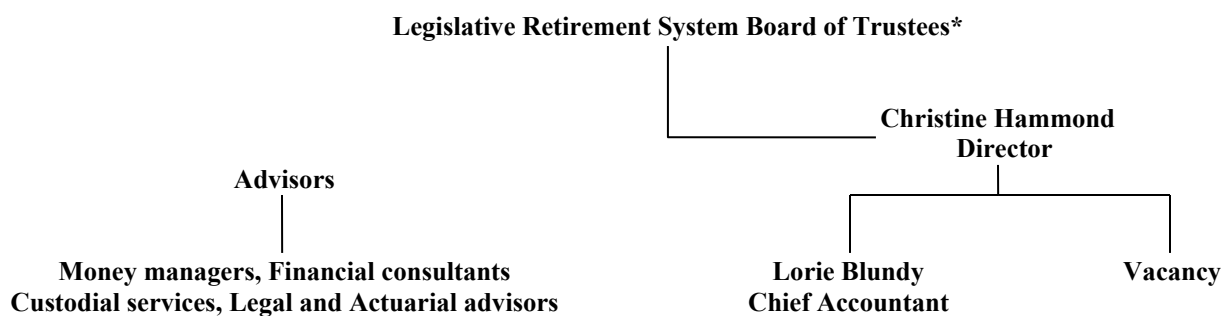
The Honorable George McManus
Retiree Member

The Honorable Gary Randall
Retiree Member

Administrative Organization

Anderson House Office Building
Suite S0927
P.O. Box 30014
Lansing, Michigan 48909
(517) 373-0575
(877) 577-5628 toll-free

Organization Chart



*The investments of the System are managed by the System's Board of Trustees with the assistance of private investment professionals. Information regarding the System's investments can be found in the Investment Section.

INTRODUCTORY SECTION

Administrative Organization (continued)

Investment Advisors*

The American Fund Group
Capital Research and Management
EuroPacific Growth Fund
333 South Hope Street
Los Angeles, CA 90071

Barrow Hanley Mewhinney & Strauss, Inc.
JPMorgan Chase Tower
2200 Ross Ave., 31st Floor
Dallas, TX 75201

Lazard Asset Management
30 Rockefeller Plaza
New York, NY 10112

DoubleLine Funds Trust
333 South Grand Ave., 18th Floor
Los Angeles, CA 90071

Cramer Rosenthal McGlynn, LLC
520 Madison Avenue, 20th Floor
New York, NY 10022

JP Morgan Alerian MLP Index ETN
270 Park Avenue
New York, NY 10017

Franklin Templeton Investments
One Franklin Parkway
San Mateo, CA 94403

Parametric Clifton
3600 Minnesota Drive, Suite 325
Minneapolis, MN 55435

Rice Hall James
600 West Broadway, Suite 1000
San Diego, CA 92101

Ironwood Capital Management
One Market Plaza
Steuart Tower, Suite 2500
San Francisco, CA 94105

Morgan Stanley
MSIF Frontier Emerging Markets
522 Fifth Avenue
New York, NY 10036

Wellington Management Co., LLP
100 Federal Street
Boston, MA 02210

World Asset Management
411 West Lafayette Street
Mail Code 3462
Detroit, MI 48226

*The investments of the System are managed by the Investment Advisors, in accordance with Board directive, and applicable law.
Information on the investments and the fiduciary, the System's Board of Trustees, can be found in the Investment Section.

Advisors and Consultants

Actuary

Gabriel Roeder Smith & Company
Mark Buis
Southfield, MI 48076

Financial Consultant

Fund Evaluation Group
David Wetzel
Cincinnati, OH 45202

Independent Auditors

Doug A. Ringler, C.P.A., C.I.A.
Auditor General
State of Michigan

Custodian

Nick Khouri
State Treasurer
State of Michigan

Legal Advisor

Bill Schuette
Attorney General
State of Michigan

INTRODUCTORY SECTION

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FINANCIAL SECTION

Michigan Legislative Retirement System

**Comprehensive Annual Financial Report
for the Fiscal Year Ended September 30, 2015**

FINANCIAL SECTION



**Independent Auditor's Report
Management's Discussion and Analysis
Basic Financial Statements
Notes to Basic Financial Statements
Required Supplementary Information
Note to Required Supplementary Information
Supporting Schedules**



Doug A. Ringler, CPA, CIA
Auditor General

201 N. Washington Square, Sixth Floor • Lansing, Michigan 48913 • Phone: (517) 334-8050 • www.audgen.michigan.gov

Independent Auditor's Report on the Financial Statements
and Other Reporting Required by *Government Auditing Standards*

The Honorable R. Robert Geake, Chair
Board of Trustees
and
Ms. Christine I. Hammond, Director
Michigan Legislative Retirement System
Anderson House Office Building
Lansing, Michigan

Dear Mr. Geake and Ms. Hammond:

Report on the Financial Statements

We have audited the accompanying financial statements of the Michigan Legislative Retirement System as of and for the fiscal year ended September 30, 2015 and the related notes to the financial statements, which collectively comprise the System's basic financial statements as listed in the table of contents.

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.

Auditor's 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 and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's 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 in the first paragraph present fairly, in all material respects, the fiduciary net position of the Michigan Legislative Retirement System as of September 30, 2015 and the changes in fiduciary net position for the fiscal year then ended in accordance with accounting principles generally accepted in the United States of America.



Doug A. Ringler, CPA, CIA
Auditor General

The Honorable R. Robert Geake, Chair
Ms. Christine I. Hammond, Director
Page 2

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages 14 through 16 and the schedule of funding progress - other postemployment benefit plan, schedule of changes in net pension liability, schedule of net pension liability, schedules of contributions, schedule of investment returns, and related note on pages 35 through 39 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.

Other Information

Our audit was conducted for the purpose of forming an opinion on the financial statements that collectively comprise the System's basic financial statements. The supporting schedules and the introductory, investment, actuarial, and statistical sections are presented for purposes of additional analysis and are not a required part of the basic financial statements.

The supporting schedules are the responsibility of management and were derived from and relate directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the supporting schedules are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

The introductory, investment, actuarial, and statistical sections have not been subjected to the auditing procedures applied in the audit of the basic financial statements, and accordingly, we do not express an opinion or provide any assurance on them.

Other Reporting Required by Government Auditing Standards

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

Sincerely,

A handwritten signature in dark ink that reads "Doug Ringler".

Doug Ringler
Auditor General
December 30, 2015

FINANCIAL SECTION

Management's Discussion and Analysis

The management's discussion and analysis (MD&A) of the System provides an overview of the financial activities and performance for the fiscal years ended September 30, 2015 and 2014. This should be read in conjunction with the financial statements and required supplemental information (RSI), which provides information for September 30, 2015.

THE STATEMENT OF NET POSITION AND THE STATEMENT OF CHANGES IN NET POSITION

This Comprehensive Annual Financial Report (CAFR) consists of two financial statements; Statement of Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position (page 18) and Statements of Changes in Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position (page 19). These financial statements report information about the System, as a whole, and about its financial condition that should help answer the question: Is the System, as a whole, better off or worse off as a result of this year's activities? These statements include all assets and liabilities using the economic resources measurement focus and the accrual basis of accounting. Under the accrual basis of accounting, all revenues and expenses are taken into account regardless of when cash is received or paid.

The Statement of Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position, presents all of the System's assets and liabilities, with the difference between the two reported as net position. Over time, increases and decreases in net position measure whether the System's financial position is improving or deteriorating. The Statement of Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position, presents how the System's net position changed during the most recent fiscal year. These two financial statements should be reviewed along with the Schedule of Net Pension Liability (page 36) and Schedules of Contributions (page 37) to determine whether the System is becoming financially stronger or weaker and to understand changes over time in the funded status of the System.

FINANCIAL ANALYSIS

The Statement of Pension Plan and Other Postemployment Benefit Plan Net Position, presents information on the System's assets and liabilities using the accrual basis of accounting. Over time, increases or decreases in net position may serve as a useful indicator of the System's financial strength or weakness. System's net position, for the fiscal year ending September 30, 2015, **decreased** by \$23.2 million or 13.0%, due to a decrease in the market value of the System's investments.

Net Position

As of September 30

(\$ in Thousands)

	2015	2014	Increase (Decrease)
Assets:			
Equity in common cash	\$ 1,152	\$ 1,395	(17.4)%
Receivables	1,109	551	101.2
Investments	153,628	177,214	(13.3)
Total assets	155,889	179,161	(13.0)
Liabilities:			
Warrants outstanding	18	31	(41.4)
Accounts payable	474	549	(13.5)
Total liabilities	492	580	(15.0)
Total net position	\$ 155,396	\$ 178,581	(13.0)%

FINANCIAL SECTION

Management's Discussion and Analysis (continued)

ADDITIONS TO NET POSITION

The reserves needed to finance benefits provided by the System are accumulated through the collection of court fees, member and other contributions, State appropriations and through earnings on investments. Contributions and investment income/loss for fiscal year 2015 totaled negative \$2.1 million. Total Additions to Net Position **decreased** in fiscal year 2015 by 109.7% from the prior year, primarily due to the fact that the System investments decreased from the prior year.

DEDUCTIONS FROM NET POSITION

The primary expenses of the System include the payment of pension and life insurance benefits to members and beneficiaries, the payments for health, dental, and vision benefits, the refund or transfer of contributions to former members, and the cost of administering the System. Total expenses for fiscal year 2015 were \$21.1 million, an **increase** of 1.9% over 2014 expenses, primarily due to increased retirement and healthcare benefit expenses.

Changes in Net Position

For Fiscal Year Ended September 30

(\$ in Thousands)

	2015	2014	Increase (Decrease)
Additions			
Member contributions	\$ 126	\$ 124	2.0 %
Employer contributions	4,654	4,490	3.6
Net Investment income/(loss)	(7,541)	17,055	(144.2)
Miscellaneous income	633	201	215.6
Total additions	(2,128)	21,870	(109.7)
Deductions			
Pension benefits	13,394	13,148	1.9
Health care benefits	6,134	6,114	0.3
Death benefits/life ins.	377	382	(1.3)
Refunds/qual. rollover	724	21	3,364.0
Administrative exp.	428	494	(13.4)
Total deductions	21,057	20,158	1.9
Net increase (decrease)	(23,185)	1,712	(1,454.2)
Net position - Beginning of year	178,581	176,869	1.0
Net position - End of year	\$ 155,396	\$ 178,581	(13.0)%

FINANCIAL SECTION

Management's Discussion and Analysis (continued)

Overall Financial Analysis

In accordance with its enabling statute, the MLRS Board of Trustees has fiduciary responsibility for the management of the system's funds, and it oversees its carefully structured and carefully monitored investment program to meet the system's financial goals, established through its Investment Policy Statement.

The Board seeks to achieve an optimal rate of return balanced with prudent levels of risk, to preserve capital and avoid large losses, to meet or exceed the system's 7% rate of return actuarial assumption over the long-term, to ensure that the portfolio investment managers meet or exceed their benchmarks over the long-term, and to ensure that the portfolio is invested in a cost-effective manner.

Like last year, the uncertainty surrounding when the Federal Reserve (the Fed) would move from their current "zero interest rate policy" (ZIRP) negatively impacted the investment markets. However, unlike last year when the portfolio finished the fiscal year on an uptick, this year the portfolio struggled to gain any traction and ended modestly down. In the last quarter of the fiscal year alone, the S&P 500 fell 6.4% which in total, reduced global investors' wealth by about \$8 trillion. To put the loss into historical perspective, the third quarter was the worst quarter since the -0.4% return posted in the fourth quarter of 2012. Looking back further, the last time there was such a large negative number was in the midst of the European debt crisis of the summer of 2011.

Looking back over the fiscal year ending September 30, 2015, both large cap and mid-cap U.S. equities posted slightly negative returns. In the equity segment, only small capitalization domestic equities generated a positive return, albeit just barely. Of significance was the disparity between stocks classified as "growth" compared to "value". Growth outpaced value by a wide margin during the fiscal year and over the five year period under review. Fortunately, the LRS portfolio has exposure to both styles and participated in that part of the market.

During the fiscal year, the Trustees of LRS continued their ongoing due diligence reviews, meeting on a regular basis to discuss market, managers and portfolio positioning. One new fixed income manager was introduced to further diversify that segment during the year. History teaches us that a fully invested and diversified portfolio is the only proven way to achieve long-term investment success. Because there are no clear paths to investment success, the Trustees continue to prudently position the LRS portfolio to reduce the risk of significant loss while always being mindful of the need to generate a return that meets the LRS actuarially assumed rate of return. The long-term results of the LRS portfolio indicate the Trustees have found the right risk/return balance in this dynamic investment climate.

Detailed information regarding the MLRS investment program and performance can be found in the Investment Section of this report (beginning on page 44).

Financial Questions or Requests

This financial report is designed to provide a general overview of the System's financial position. Requests for additional information or questions about this report should be addressed to: Michigan Legislative Retirement System, P.O. Box 30014, Lansing, MI 48909.

FINANCIAL SECTION

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FINANCIAL SECTION

Statement of Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position

As of September 30, 2015

	As of September 30, 2015		
	Pension Plan	OPEB Plan	Total
ASSETS			
Equity in common cash	\$ 989,915	\$ 161,874	\$ 1,151,790
Receivables			
Due from other funds	81,644		81,644
Due from others		633,325	633,325
Due from federal agencies		176,662	176,662
Interest and dividends	47,731		47,731
Sale of investments	169,639		169,639
Total receivables:	299,014	809,987	1,109,001
Investments			
Equities	51,833,877	8,155,615	59,989,492
Alternative investments	13,985,392	2,200,481	16,185,873
Mutual funds	66,922,856	10,529,736	77,452,592
Total investments:	132,742,124	20,885,833	153,627,957
Total assets:	134,031,053	21,857,694	155,888,747
LIABILITIES			
Warrants outstanding	17,633	314	17,948
Accounts payable and other liabilities	451,954		451,954
Amount due to other funds	4,744		4,744
Unearned revenue		17,704	17,704
Total liabilities:	474,332	18,018	492,350
Net position restricted for pension benefits and OPEB	\$ 133,556,721	\$ 21,839,677	\$ 155,396,397

The accompanying notes are an integral part of these financial statements.

FINANCIAL SECTION

Statement of Changes in Pension Plan and Other Postemployment Benefit Plan Fiduciary Net Position

For fiscal years ended September 30, 2015

	For the year ended September 30, 2015		
	Pension Plan	OPEB Plan	Total
ADDITIONS			
Member contributions:			
Other member contributions	\$ 3,226	\$ 6,387	\$ 9,613
DC health premium		116,677	116,677
Employer contributions		3,607,200	3,607,200
Employer contributions-Court fees		866,174	866,174
Other governmental contributions		180,690	180,690
Total contributions:	3,226	4,777,128	4,780,354
Investment Income (Loss):			
Net increase (decrease) in fair value of investments	(9,051,293)	(1,379,969)	(10,431,262)
Interest, dividends and other	3,025,073	463,034	3,488,107
Total investment income (loss)	(6,026,219)	(916,935)	(6,943,154)
Less investment expenses	(519,112)	(79,144)	(598,257)
Net investment income (loss)	(6,545,332)	(996,079)	(7,541,411)
Miscellaneous income		633,325	633,325
Total additions:	(6,542,106)	4,414,374	(2,127,732)
DEDUCTIONS			
Benefits & refunds paid to plan members and beneficiaries:			
Retirement benefits	13,394,276		13,394,276
Health benefits		5,724,946	5,724,946
Dental benefits		409,246	409,246
Death benefits	376,678		376,678
Refund of contribution & interest	13,284		13,284
Qualified rollover	711,067		711,067
Administrative expenses	362,432	65,337	427,768
Total deductions:	14,857,738	6,199,529	21,057,267
Net increase (decrease) in net position	(21,399,844)	(1,785,156)	(23,184,999)
Net position restricted for pension benefits and OPEB:			
Beginning of year	154,956,564	23,624,832	178,581,396
End of year	\$ 133,556,721	\$ 21,839,677	\$ 155,396,397

The accompanying notes are an integral part of these financial statements.

FINANCIAL SECTION

Notes to General Purpose Financial Statements

NOTE 1 - PLAN DESCRIPTION

ORGANIZATION

The Michigan Legislative Retirement System (MLRS or System) is a single employer, public employee, defined benefit retirement plan and post-employment healthcare plan governed by the State of Michigan (the "State"). The System was created by Public Act 261 of 1957, as amended, and provides retirement and ancillary benefits to eligible current and former state legislators. The System's pension plan was established by the State to provide retirement, survivor and disability benefits to the Michigan Legislature, elected for the first time before March 31, 1997. In addition, the System's health plan provides to eligible vested members, the option of receiving health, prescription, dental and vision coverage under the Michigan Legislative Retirement Act. The System's financial statements are included as a pension trust fund in the combined financial statements of the State of Michigan.

The System operates within the legislative branch of state government. The System's Board of Trustees appoints the director who serves as executive secretary to the System's board, with whom the general oversight of the System resides. Public Act 486 of 1996 amended the System's enabling statute to mandate that persons elected to the Michigan Legislature after March 30, 1997, participate in a state-wide defined contribution pension plan administered by the State of Michigan Department of Technology, Management and Budget. Thus the defined benefit plan is a closed plan. The System's financial statements are included as a pension and other employee benefit trust fund of the State of Michigan Comprehensive Annual Financial Report. The defined contribution retirement plan operates as a 401(k) plan and is part of the State of Michigan 401K plan. The State of Michigan 401K plan annual financial report is issued separately.

The System shall be administered by a board of trustees, consisting of eleven (11) members, and composed as defined in Public Act 261 of 1957, as amended, and in the bylaws. Board members are appointed for a 4-year term. The board of trustees oversee the Systems investments, advisors and consultants. Complete information on the retirement board, advisors and consultants are included in the introductory section of this report.

MEMBERSHIP

At September 30, 2015, the System's membership consisted of the following:

Inactive plan members or their beneficiaries currently receiving benefits	2015
Regular benefits.....	222
Survivor benefits.....	57
Disability benefits.....	0
Total.....	279 *
 Inactive plan members entitled to but not yet receiving benefits	 <u>13</u>
 Active plan members:	
Vested.....	1
Non-vested.....	<u>0</u>
Total.....	1
 Total Plan Members	 <u>293</u>

*Includes 8 domestic relations orders (DRO) alternate payees for 2015

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

MEMBERSHIP (continued)

The System provides health and life insurance benefits. The number of plan participants is as follows:

Health/Dental/Vision Plan	2015
Active participants.....	24
Deferred participants.....	74
Participants currently eligible for health benefits.....	396 **
Participants receiving health benefits.....	370 **

**Includes 97 defined contribution (DC) participants at September 30, 2015 who are receiving health care insurance through System in accordance with state statute. At September 30, 2015, the number of DC participants who were eligible for health care insurance but declined to receive the benefits were 23.

BENEFIT PROVISIONS

Introduction

Public Act 261 of 1957, the Michigan Legislative Retirement System Act, as amended, establishes eligibility and benefit provisions for this defined benefit pension plan.

Michigan's constitutional term-limit amendment limits members of the House of Representatives to six (6) years in office and members of the Michigan Senate to eight (8) years in office. Effective March 31, 1997, Public Act 486 of 1996 closed the System to new legislators. The act provides certain re-elected former legislators the option to rejoin the system. All legislators who first take office after 1997 are automatically enrolled in the State of Michigan Defined Contribution Plan.

Benefit provisions of the post-employment healthcare plan are established by State statute, which may be amended. Public Act 261 of 1957, as amended, establishes eligibility and benefit provisions for the health plan. Eligible members may receive health, prescription, hearing, dental and vision coverage.

Regular Retirement

A member may retire and receive retirement benefits based on age and service after: (1) attaining age 50, if age and years of credited service combined are equal to or greater than 70; or (2) attaining age 55 with 5 or more years of credited service if elected, qualified, and seated not less than (a) 3 full or partial terms in the House of Representatives, (b) 2 full or partial terms in the Senate, or (c) 1 term in the House of Representatives and 1 term in the Senate. Within 30 days after becoming 55 years of age, a deferred vested member may elect to defer receipt of the retirement allowance to which the member is entitled, not to exceed 70-1/2 years of age.

A member's retirement benefit is computed using a benefit formula prescribed by the enabling statute and described below. The benefit is paid on a monthly basis.

For those legislators who first became members on or before January 1, 1995, the retirement benefit is calculated by multiplying 20% of the highest salary earned for the first 5 years of service, plus 4% of highest salary for each of the next 11 years of service, plus 1% of the highest salary for each additional year.

For those legislators who first became members after January 1, 1995, the retirement benefit is calculated by multiplying 3% of the highest salary for each year of service.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

BENEFIT PROVISIONS (continued)

Post Retirement Benefit Adjustment

For those legislators who first became members on or before January 1, 1995, the annual retirement benefit payable to a retiree and/or his/her survivor is increased by 4% compounded annually. The adjustment is effective each January.

For those legislators who first became members after January 1, 1995, the annual retirement benefit payable to a retiree and/or his/her survivor is increased by 4%, but it is not compounded annually. The adjustment is effective each January.

Other Postemployment Benefits

Under Section 50a and 50b of the Legislative Retirement System Act, all retirees and their dependents and survivors receive health, dental, vision, and hearing insurance coverage. The System also provides health, dental, vision, and hearing insurance coverage for deferred vested members who were members on or before January 1, 1995, and for their survivors and dependents. In addition, in accordance with state law, the System provides health insurance coverage to eligible former legislators (and their dependents) who meet certain vesting requirements established by statute and who belong to the State's Defined Contribution Plan. Member enrollment to the System's health plan is voluntary. The System pays for health, dental, vision, and hearing benefits on a modified pay-as-you-go basis; however, the State has begun to advance fund for future System health insurance costs. Public Act 200 of 2011 amended the System's enabling statute and closed the OPEB Plan. All qualified participants must have completed six (6) years of service before January 1, 2013 to qualify for health insurance in the System.

Life Insurance Benefits

The System provides \$150,000 in life insurance coverage to active members. Deferred vested members are covered by varying amounts of life insurance, ranging from \$5,000 to \$150,000, depending on the member's date of deferral and, in some instances, the payment of an annual premium. Retirees are covered by varying amounts of life insurance, ranging from \$2,500 to \$75,000, depending on their retirement dates and, in some instances, the payment of an annual premium. The System prefunds life insurance benefits using the entry age actuarial cost method. The life insurance plan and the pension plan use the same actuarial assumptions, which are stated in the actuarial section.

Disability Benefit

A member or deferred vested member who becomes disabled as determined by at least (2) licensed physicians appointed by the board of trustees is eligible for a disability benefit computed in the same manner described under Regular Retirement.

Survivor Benefit

Upon the death of a vested member or deferred vested member who meets the service, but not the age requirements, for regular retirement (see Regular Retirement), or upon the death of a retiree, a surviving spouse shall be entitled to a benefit equal to 66 2/3% of the benefit the member would have received or was receiving at the time of death. Special provisions apply to surviving minor children and surviving spouses with minor children.

Refunds

A member who leaves legislative service may request a refund of his/her contributions from the Members' Saving Fund. A member who receives a refund of contributions forfeits all rights to any future System benefits. Members who return to legislative service and who previously received a refund of their contributions may reinstate their service through repayment of the refund plus interest in accordance with the statute.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

NOTE 2 - SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of Accounting and Presentation

The System's financial statements are prepared using the economic resources measurement focus and the accrual basis of accounting, as provided by generally accepted accounting principles for governments. Contributions are recognized as revenue when due, pursuant to formal commitments, as well as statutory requirements. Benefits and refunds are recognized when due and payable in accordance with the terms of the plan.

GASB Statement No. 67, which was adopted during the fiscal year ended September 30, 2014, addresses accounting and financial reporting requirements for pension plans. The requirements for GASB Statement No. 67 requires changes in presentation of the financial statements, notes to the financial statements, and required supplementary information. Significant changes include an actuarial calculation of total and net pension liability. It also includes comprehensive footnote disclosure regarding the pension liability, the sensitivity of the net pension liability to the discount rate, and increased investment activity disclosures. The implementation of GASB Statement No. 67 did not significantly impact the accounting for accounts receivables and investment balances. The total pension liability, determined in accordance with GASB Statement No. 67, is presented in Note 4 on page 26 and in the Required Supplementary Information on page 36.

Contributions and Reserves

The Legislative Retirement System Act provides for several "reserves" or "funds." These funds and the contributions and other monies allocated to them are described below.

Members' Savings Fund (MSF) — A member who first becomes a member on or before January 1, 1995, with less than 20 years of experience, contributed approximately 7% of salary to MSF. A member who first becomes a member after January 1, 1995, contributed approximately 5% of salary to MSF. Beginning January 1, 1999, there were no member contributions allocated to MSF except for approximately 4% of salary for the period beginning on January 1, 1999 and ending on December 31, 2000, for members who first becomes a member after December 1, 1994 and on or before January 1, 1995, in accordance with legislation. Eligible members may make other contributions to the MSF to purchase special service credit or to repay previously refunded contributions. MSF represents active member contributions (and interest credited from the Income Fund) less amounts transferred to reserves for retirement and amounts refunded to terminated members. At September 30, 2015, the balance in this account was \$0.3 million.

Members' Retirement Fund (MRF) — The MRF represents the reserves for payment of retirement benefits. At retirement a member's accumulated contributions (with interest) are transferred to the MRF (from the MSF). Interest is credited to the MRF (from the Income Fund), and monthly allowances are debited. At each fiscal year end an actuarial valuation determines the 100% funding requirements for the MRF. Any amounts required to 100% fund the MRF are transferred in the next fiscal year. At September 30, 2015, the balance in this account was \$45.0 million.

Survivors' Retirement Fund (SRF) — On and before January 1, 1999, all members with less than 20 years of service contributed 1/2% of salary to the SRF. After January 1, 1999, there are no member contributions allocated to the SRF. Interest is credited annually to the SRF (from the Income Fund), and member savings are transferred to the SRF from the MSF upon the death of a vested member, and additional state contributions may be made in order to make the SRF 100% funded. Survivors' monthly retirement allowances are paid from this fund upon the death of vested members, deferred vested members, and retirants. At September 30, 2015, the balance in this account was \$64.8 million.

Insurance Revolving Fund (IRF) — On and before January 1, 1999, all members contributed 1/2% of salary to the Insurance Revolving Fund. After January 1, 1999, there are no member contributions allocated to the IRF. State contributions, if any, member premiums, and interest from the Income Fund are credited to this fund. Life insurance benefits are paid from the IRF to beneficiaries of members, retirants, and deferred vested members. At September 30, 2015, the balance in this account was \$23.5 million.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Contributions and Reserves (continued)

Health Insurance Fund (HIF) — On and before January 1, 1999, all members contributed 1% of salary to this fund. After January 1, 1999, member contributions are made as follows: (1) members who first became members on or before January 1, 1995, contribute 9% to the HIF; (2) members who first became members after January 1, 1995, contribute 7% to the HIF. This fund is also credited with employer contributions, court fees, other governmental contributions and interest income. Funds from this reserve are used to pay health care expenses and are accumulated to fully fund the future health insurance liabilities for the System. At September 30, 2015, the balance in this account was \$21.8 million.

Use of Health Insurance Reserve Funds

In July, 2011, the Michigan Legislature passed, and Governor Rick Snyder signed, a new law that provides for the use of the health insurance reserve funds to pay for the current costs associated with the retiree health insurance plan. Before the passage of the new law, Public Act 99 of 2011, the system statute prohibited the use of certain prefunding dollars maintained in the health insurance reserve, and their investment income, until the retiree health insurance (OPEB) liabilities in the system became 100% funded. Public Act 99 of 2011 removed the 100%-funding requirement, and thus allows for the immediate use of the funds for health insurance costs of the system. The system used \$0.7 million from the reserve to pay health insurance costs for fiscal year ending September 30, 2015.

Income Fund (IF) — The IF is credited with all investment earnings and other miscellaneous income. Interest transfers are made annually to the other reserves, based on beginning balance. This fund also accounts for investment and administrative expenses and interest on refunds and transfers.

Fair Value of Investments

System investments are presented at fair value. Securities traded on a national exchange are valued at the last reported sales price at current exchange rates. Corporate bonds not traded on a national or international exchange are based on equivalent values of comparable securities with similar yield and risk. Other investments that do not have an established market are recorded at estimated fair value. Short-term investments are carried at cost, which approximates fair value.

Reporting Entity

The System is a pension trust fund of the State of Michigan. As such, the System is considered part of the State and is included in the State's comprehensive annual financial report as a pension trust fund. The System and the System's Board of Trustees are not financially accountable for any other entities. Accordingly, the System is the only entity included in this financial report.

Investment Income

Dividend income is recognized on the ex-dividend date, and interest income is recognized on the accrual basis as earned. Fair value changes are recorded as investment income or loss. Purchases and sales of investments are recorded as of the trade date.

Cost of Administering the System

The retirement system shall pay the expenses for the administration of the retirement system, exclusive of amounts payable as retirement allowances and other benefits provided in this act, from the income fund.

Related Party Transactions

The cash account includes \$1.2 million on September 30, 2015, which represents funds deposited in a common cash investment pool maintained for various State operating funds. The participating funds in the common cash pool earn interest at various rates depending upon prevailing short-term interest rates. Earnings from these activities amounted to \$1,943 for the year ended September 30, 2015.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Excess Benefits

Internal Revenue Service (IRS) Code Section 415 requires that, for individuals who receive retirement benefits in excess of established limits, these benefits should be recorded and reported outside of the pension fund in order to keep the qualified status of the plan. This includes coordination of benefits issued where a retiree participates in more than one qualified plan. The System provided excess benefits to six (6) retirees, for a total amount of \$124,985 as of September 30, 2015.

NOTE 3 - CONTRIBUTIONS

Member Contributions

On or before January 1, 1999, the following contributions were made by members of the System:

Members who first became members on or before January 1, 1995, contributed 9% of their salaries to the System. The contributions were placed in the following reserves created by the enabling statute: 7% to the Members' Savings Fund for the first 20 years of service; 0.5% to the Insurance Revolving Fund; 0.5% to the Survivors' Retirement Fund for the first 20 years of service; and 1% to the Health Insurance Fund.

Members who first became members on or after January 1, 1995, contributed 7% of their salaries to the System. The contributions were placed in the following reserves created by the enabling statute: 5% to the Members' Savings Fund; 0.5% to the Insurance Revolving Fund; 0.5% to the Survivors' Retirement Fund; and 1% to the Health Insurance Fund.

After January 1, 1999, the following contributions are made by the members of the System:

Members who first became members after December 1, 1994, contribute 9% of their salaries to the System. The contributions are placed in accordance with enabling statute to Health Insurance Fund.

Members who first became members after December 1, 1994 and on or before January 1, 1995, contributed 13% of their salaries to the System. The contributions were placed in the following reserves in accordance with the enabling statute: 9% to the Health Insurance Fund and 4% to the Members' Savings Fund until December 31, 2000. After December 31, 2000, these members contribute 9% of their salaries to the System. The contributions are placed in accordance with enabling statute to Health Insurance Fund.

Members who first became members after January 1, 1995, contribute 7% of their salaries to the System. The contributions are placed in the following reserve in accordance with the enabling statute: 7% to the Health Insurance Fund.

Member contributions are tax-deferred through the provisions of section 414(h)(2) of the Internal Revenue Code.

State Contributions

State contributions are made on the basis of actuarial requirements as determined by the System actuary and approved by the Board of Trustees. Through the annual state budgetary process, the Legislature annually appropriates, and the Governor approves, the State contributions along with certain court fee revenues, which are paid to the System pursuant to state statute. A chart showing State contributions is presented in the Required Supplementary Information in the financial section of this report.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

State Contributions (continued)

Pension Plan: State contributions are determined based on a statutorily required annual actuarial valuation. Actual employer contributions for retirement benefits was \$0 for fiscal years 2015. Annual required employer contributions based on the previous year actuarial valuations for pension included (percentage of annual covered payroll is not computed because the System is closed):

1. \$0.0 million for fiscal years 2015, for normal cost.
2. \$7.8 million for fiscal years 2015, for amortization of unfunded actuarial accrued liabilities.

Other Postemployment Health Plan (OPEB): Public Act 64 of 2012 began prefunding state contributions for prefunding OPEB costs in fiscal year 2012. Actual employer contributions for other postemployment benefits was \$4.5 million for fiscal years 2015. Annual required employer contributions based on the previous year actuarial valuations for pension included:

1. \$1.1 million for fiscal years 2015, for normal cost of OPEB representing 43.4% (before reconciliation) of annual covered payroll for fiscal years 2014.
2. \$8.3 million for fiscal years 2015, for amortization of unfunded actuarial accrued liability representing 331.5% (before reconciliation) of annual covered payroll for fiscal years 2014.

NOTE 4 – NET PENSION LIABILITY

Measurement of the Net Pension Liability

The net pension liability is to be measured as the total pension liability, less the amount of the pension plan's fiduciary net position. In actuarial terms, this will be the accrued liability less the market value of assets (not the smoothed actuarial value of assets that is often encountered in actuarial valuations performed to determine the employer's contribution requirement)

Net Pension Liability	
Total Pension Liability	\$ 247,646,499
Plan Fiduciary Net Position	133,556,720
Net Pension Liability	<u>\$ 114,089,779</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	53.93%
Net Pension Liability as a percentage of Covered Payroll	159154.33%
Total Covered Payroll	71,685

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Long-Term Expected Return on Plan Assets

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 asset class. These ranges are combined to produce the long-term expected rate of return by weighting the expected future real rates of return by 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 September 30, 2015, are summarized in the following table:

<u>Asset Class</u>	<u>Target Allocation</u>	<u>Long-Term Expected Real Rate of Return*</u>
Large Cap Equity	27.0 %	6.9 %
Small Cap Equity	13.0	7.0
International Developed Equity	11.0	6.9
International Small Cap Equity	5.0	8.3
Emerging Markets	9.0	11.6
Fixed Income	18.0	0.5
Hedge Fund	5.0	3.5
Public Natural Resources	10.0	7.6
Cash	2.0	(0.5)
Total	100.0 %	

*Rate of return does not include 2.0% inflation

Rate of Return

For the year ended September 30, 2015, the annual money-weighted rate of return on pension plan investments, net pension plan investment expense, was -4.61%. The money weighted rate of return expresses investment performances, net of investment expense, adjusted for the changing amounts actually invested.

Discount Rate

The single discount rate used to measure the total pension liability dropped to 4.58%, compared to the prior year's 5.63%. This single discount rate was based on an expected rate of return on pension plan investments of 7.0% and a municipal bond rate of 3.71% (the municipal bond rate is based on an index of 20-year general obligation bonds with an average AA credit rating, which is published by the Federal Reserve). The projection of cash flows used to determine this single discount rate assumed that plan member contributions will be made at the current contribution rate and that employer contributions will be made at rates equal to the difference between actuarially determined contributions rates and the member rate. Based on these assumptions, the pension plan's fiduciary net position and future contributions were sufficient to finance the benefit payments through the year 2028. As a result, the long-term expected rate of return on pension plan investments was applied to projected benefit payments through the year 2028, and the municipal bond rate was applied to all benefit payments after that date.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Sensitivity of the Net Pension Liability to Changes in the Discount Rate

As required by GASB Statement No. 67, the following presents the plan's net pension liability, calculated using a single discount rate of 4.58%, as well as what the plan's net pension liability would be if it were calculated using a single discount rate that is 1-percentage-point lower or 1-percentage-point higher:

	1% Decrease 3.58%	Current Single Discount Rate Assumption 4.58%	1% Increase 5.58%
Net Pension Liability/(Asset)	\$146,342,025	\$114,089,779	\$87,599,721

Timing of the Valuation

An actuarial valuation to determine the total pension liability is required to be performed at least every two years. If the actuarial valuation is not calculated as of the plan's fiscal year end, the total pension liability is required to be rolled forward from the actuarial valuation date to the pension plan's fiscal year end. The total pension liability as of September 30, 2015, is based on the results of an actuarial valuation performed as of September 30, 2014 and rolled forward using generally accepted actuarial procedures.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

NOTE 5 – PENSION PLAN

Actuarial Valuations and Assumptions

Actuarial valuations for pension plans involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment and mortality. Amounts determined regarding the net pension liability of the plan and the rate of return are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

The Schedule of Contributions in RSI present trend information about the amounts contributed to the plan by employers in comparison to an amount that is actuarially determined.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

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

Summary of Actuarial Assumptions

Valuation Date	09/30/2014
Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar
Asset Valuation Method	5-year Smoothed Market
Actuarial Assumptions:	
Inflation Rate	4%
Investment Rate of Return	7%
Projected Salary Increases	4%
Retirement Age	Age-based table of rates with 100% probability of Retirement once a member is subject to term limits
Mortality	RP-2000 Combined Healthy Mortality Table, adjusted for mortality improvements to 2020 using projected scale BB

Note: Actuarial assumptions are periodically reviewed and modified, if needed, upon the recommendation of the actuary, and with approval of the board.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

NOTE 6 – POST-EMPLOYMENT HEALTHCARE PLAN

Funded Status

For fiscal year 2014, the actuarial accrued liability (AAL) for OPEB was \$158.6 million, and the actuarial value of assets was \$23.6 million, resulting in an unfunded actuarial accrued liability (UAAL) of \$134.9 million and a funded ratio of 15%. The covered payroll (annual payroll of active members covered by the plan) was \$2.4 million, and the ratio of the UAAL to the covered payroll was 5,404%. The Schedule of Funding Progress, presented as required supplementary information following the notes to the financial statements, present multi-year trend information about whether the actuarial value of plan assets for the OPEB plan is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Valuations and Assumptions

Actuarial valuations OPEB plans involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality and the healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contributions (ARC) are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future.

The Schedule of Funding Progress, presented as required supplementary information following the notes to the financial statements, present multi-year trend information about whether the actuarial value of plan assets for the OPEB plan is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits. The Schedule of Contributions in RSI present trend information about the amounts contributed to the plans by employers in comparison to the ARC, an amount that is actuarially determined.

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

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

Summary of Actuarial Assumptions

Valuation Date	09/30/2014
Actuarial Cost Method	Unit Credit
Amortization Method	Level Dollar Closed
Remaining Amortization Method	26 Years Closed
Asset Valuation Method	Market Value
Actuarial Assumptions:	
Inflation Rate	4%
Projected Salary Increases	4%
Retirement Age	Age-based table of rates with 100% probability of Retirement once a member is subject to term limits
Investment Rate of Return	4% Per Year
Healthcare Cost Trend Rate	8.75% in 2015, grading to 4% in 2024
Mortality	RP-2000 Combined Healthy Mortality Table, adjusted for mortality improvements to 2020 using projected scale BB

Note: Actuarial assumptions are periodically reviewed and modified, if needed, upon the recommendation of the actuary, and with approval of the board.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

NOTE 7 - INVESTMENTS

Investment Authority

All investments made are subject to approval by the Board of Trustees, which has investment authority under the act. Investments made are subject to statutory regulations imposed under the Michigan Public Employee Retirement System Investment Act, Public Act 314 of 1965, as amended. The Public Employee Retirement System Investment Act authorizes, with certain restrictions, the investment of pension fund assets in stocks, corporate and governmental bonds and notes, mortgages, real estate, and certain short-term and alternative investments. The System also contracts with independent investment advisors.

Derivatives

State investment statutes limits total derivative exposure to 15% of a fund's total asset value, and restricts uses to replication of returns and hedging of assets. The System Investment Policy Statement (IPS) has a target asset allocation of 5% for hedge funds, which may include derivatives. Systems investment in hedge funds has an exposure to derivatives of approximately 15-20%. The System invests in derivatives for investment purposes and not hedging purposes. As of September 30, 2015, total investments in hedge funds was 5.8%. The market value of the hedge funds at September 30, 2015 was \$9,052,590.

Securities Lending

The System did not participate in any securities lending activities.

Risk

In accordance with GASB statement 40, investments require certain disclosure regarding policies and the risks associated with them. The credit risk, custodial credit risk, foreign currency risk and interest rate risk are discussed in the following paragraphs.

Credit risk

Credit risk is the risk that an issuer will not fulfill its obligations. The System has a policy to maintain an overall weighted average of "Aa" or better by Moody's Investors Service and "AA" or better by Standards & Poor's for active management of fixed income securities. Mutual fund fixed income investments are not subject to this constraint; they are governed by the terms of their prospectuses. GASB 40 states that governments should disclose the credit quality ratings of external investment pools, money market funds, bond mutual funds and other pooled investments of fixed income securities in which they invest.

Debt Securities As of September 30, 2015

Investment Type	Fair Value	2015	
		Rating	
		S & P	Moody's
Mutual Funds**	\$ 12,603,107	A+	A
	18,194,690	A	A
	<u>\$ 30,797,797</u>		

** Average Rating

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Custodial credit risk

The custodial credit risk for deposits is the risk that, in the event of the failure of a depository financial institution, the System's deposits may not be recovered. Deposits are exposed to custodial credit risk if they are not covered by depository insurance and the deposits are: a.) Uncollateralized, b.) Collateralized with securities held by the pledging financial institution, or c.) Collateralized with securities held by the pledging financial institution's trust department or agent but not in the depositor-government's name.

The common cash pool is managed by the State Treasurer and is authorized to invest surplus funds in depository accounts at financial institutions, bonds, notes, and other U.S. government debt, prime commercial paper, certificates of deposits, and special State investment programs. At September 30, 2015, the common cash pool held the majority of its funds in depository accounts 26.3% and prime commercial paper 70.9%. The State Treasurer's policy for common cash depository accounts requires financial institutions to secure State funds with collateral, to be organized under federal or State law, and to maintain an office in Michigan. The policy also restricts deposits to a maximum of 50% of the financial institution's net worth. At September 30, 2015, the carrying amount of deposits including time and demand deposits, was \$1.3 billion. The deposits were reflected in the accounts of the banks at \$1.3 billion. Of the bank balance, \$5.1 million was covered by federal depository insurance and \$1.3 billion was collateralized with securities held by the State's agent in the State's name. There were demand deposits of \$1.0 million exposed to custodial credit risk that were uninsured and uncollateralized. The State Treasurer's policy requires prime commercial paper to be rated "A-1" by S&P or "P-1" by Moody's or higher at purchase and places requirements and restrictions on the borrower. Additional details on the common cash pool policies and risk disclosures are described in the State of Michigan Comprehensive Annual Financial Report.

Concentration of Credit Risk

Concentration of credit risk is the risk of loss attributed to the magnitude of a government's investment in a single issuer.

System is prohibited by Public Act 314 of 1965, as amended, from investing in more than 5% of the outstanding stock or obligations of any one issuer or investing more than 5% of its assets in the stock or obligations of any one issuer.

At September 30, 2015, there were no investments in any one issuer that accounted for more than 5% of System's assets nor were there any investments totaling more than 5% of the stock or obligations of any one issuer.

Foreign currency risk

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of deposits. Public Act 35 of 1997 requires State deposits be held in a financial institution which maintains a principal office or branch office located in the State of Michigan. The System had no common cash deposits subject to foreign currency risk at September 30, 2015.

Custodial credit risk associated with investments

In accordance with GASB statement 40, investments also require certain disclosures regarding policies and procedures with respect to the risks associated with them. The custodial credit risk for investments is the risk that, in the event of a failure of the counterparty, the System will not be able to recover the value of the investment or collateral securities that are in the possession of an outside party.

Investment securities are exposed to custodial credit risk if the securities are uninsured, are not registered in the name of the government and are held by either: a.) the counterparty, or b.) the counterparty's trust department or agent but are not in the government's name. The State Treasurer does not have an investment policy for managing custodial credit risk. At September 30, 2015, the System's investments were not exposed to custodial credit risk.

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

Interest rate risk associated with investments

Interest rate risk is the risk that changes in interest rates of debt investments will adversely affect the fair value of an investment. The System has an 18% target allocation of fixed income securities, which are affected by interest rates because they are a debt investment. At September 30, 2015, the fair value was \$30,797,797, with the investment activity for the year producing a total rate of return of 0.5%, and a rate of return since inception of 1.1%. The projected duration is 3.1 years. The System does not have a policy for controlling interest rate risk.

Foreign currency risk associated with investments

Foreign currency risk is the risk that changes in exchange rates will adversely affect the fair value of investments. The System invests in various foreign investments (including, but not limited to, equities, fixed income, and mutual funds), which are subject to various limitations in accordance with the System's Investment Policy Statement (or "IPS") (which incorporates the provisions of the Public Employee Retirement System Investment Act, or Public Act 314 of 1965, as amended). IPS foreign investment restrictions include a 20% limitation of the total assets of the system and, additionally, a 5% limitation in the outstanding foreign securities of a single issuer (allowances are made for the daily market pricing fluctuations of an investment). New investments in countries that have been identified by the United States Department of State as engaging in or sponsoring terrorism are prohibited, and existing investments in any such newly-identified country shall be quickly divested in accordance with the law. At September 30, 2015, the System held the following investments subject to foreign currency risk:

Foreign Currency Risk

As of September 30, 2015

(Value in US dollars)

Country	Currency	Alt. Invest	Mutual Funds	International Equities	TOTAL
<u>CARIBBEAN</u>					
Cayman Islands	Dollar	\$	\$	\$ 131,149	\$ 131,149
<u>EUROPE</u>					
European Union	Euro			848,806	848,806
U.K.	Sterling			305,600	305,600
<u>MIDDLE EAST</u>					
Israel	Shekel			672,489	672,489
<u>VARIOUS</u>		16,185,840	40,466,893		56,652,733
Total		\$16,185,840	\$40,466,893	\$ 1,958,044	\$ 58,610,777

FINANCIAL SECTION

Notes to General Purpose Financial Statements (Continued)

NOTE 8 - NEW ACCOUNTING PRONOUNCEMENTS

GASB issued Statement No. 72, *Fair Value Measurement and Application*. This Statement addresses accounting and financial reporting issues related to fair value measurements. The definition of fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. This Statement provides guidance for determining a fair value measurement for financial reporting purposes. This Statement also provides guidance for applying fair value to certain investments and disclosures related to all fair value measurements. This Statement is effective for participating employers for their fiscal years beginning after June 15, 2015.

GASB issued Statement No. 74, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plan*. This Statement replaces Statements No. 43, *Financial Reporting for Postemployment Benefit Plans Other Than Pension Plans*, as amended, and No. 57, *OPEB Measurements by Agent Employers and Agent Multiple-Employer Plans*. It also includes requirements for defined contribution OPEB plans that replace the requirements for those OPEB plans in Statement No. 25, *Financial Reporting for Defined Benefit Pension Plans and Note Disclosures for Defined Contribution Plans*, as amended, Statement 43, and Statement No. 50, *Pension Disclosures*. The objective of this Statement is to improve the usefulness of information about postemployment benefits other than pensions (other postemployment benefits or OPEB) included in the general purpose external financial reports of state and local governmental OPEB plans for making decisions and assessing accountability. This Statement is effective for participating employers for their fiscal years beginning after June 15, 2016.

Required Supplementary Information

Schedule of Funding Progress – Other Postemployment Benefit Plan

Expressing the actuarial value of assets as a percentage of the actuarial accrued liability provides one (1) indication of the OPEB plan's funding status on a going-concern basis. Analysis of this percentage over time indicates whether the plan is becoming financially stronger or weaker. Generally, the greater this percentage, the stronger the system. Trends in unfunded actuarial accrued liability and annual covered payroll are both affected by inflation. Expressing the unfunded actuarial accrued liability as a percentage of annual covered payroll approximately adjusts for the effects of inflation and aids analysis of the progress in accumulating sufficient assets to pay benefits when due. Generally, the smaller this percentage, the stronger the system.

Other Post-Employment Benefits⁽²⁾ (in thousands)

Valuation Date Sept 30	Actuarial Value of Assets (a)	Actuarial Accrued Liability (AAL) Entry Age (b)	Unfunded (Overfunded) Accrued Liability (UAAL) (b-a)	Funded Ratio AAL (a/b)	Covered Payroll ⁽¹⁾ (c)	UAAL as a % of Covered Payroll ((b-a)/c)
2008	\$14,319	\$132,628	\$118,309	11%	\$11,859	998%
2009	14,588	136,870	122,282	11	11,718	1,044
2010	15,886	155,259	139,373	10	11,598	1,202
2011	15,179	140,696	125,517	11	3,659	3,431
2012	20,825	145,161	124,337	14	3,587	3,466
2013	22,806	153,666	130,860	15	3,312	3,951
2014	23,625	158,568	134,943	15	2,497	5,404

⁽¹⁾ October based payrolls

⁽²⁾ Includes members in both the defined benefit plan and the defined contribution plan

FINANCIAL SECTION

Required Supplementary Information (continued)

Schedule of Changes in Net Pension Liability

Fiscal year ending September 30,	<u>2015</u>	<u>2014</u>
Total pension liability		
Service Cost	\$ 54,824	\$ 56,715
Interest on the Total Pension Liability	11,146,702	11,297,018
Benefit Changes	-	-
Difference between expected and actual experience of the Total Pension Liability	1,075,337	-
Assumption Changes	44,657,100	-
Benefit Payments and Refunds	(14,495,307)	(13,550,106)
Net Changes in Total Pension Liability	<u>42,438,656</u>	<u>(2,196,373)</u>
Total Pension Liability - Beginning	<u>205,207,843</u>	<u>207,404,216</u>
Total Pension Liability - Ending (a)	<u>\$ 247,646,499</u>	<u>\$ 205,207,843</u>
Plan Fiduciary Net Position		
Contributions - Employer	\$ -	\$ -
Contributions - Member	3,226	5,662
Pension Plan Net Investment Income	(6,545,332)	14,868,119
Benefit Payments and Refunds	(14,495,307)	(13,550,106)
Pension Plan Administrative Expense	(362,431)	(430,200)
Other	-	-
Net Change in Plan Fiduciary Net Position	<u>(21,399,844)</u>	<u>893,475</u>
Plan Fiduciary Net Position - Beginning	<u>154,956,564</u>	<u>154,063,089</u>
Plan Fiduciary Net Position - Ending (b)	<u>\$ 133,556,720</u>	<u>\$ 154,956,564</u>
Total Pension Liability - (a) - (b)	<u>114,089,779</u>	<u>50,251,279</u>
Plan Fiduciary Net Position as a Percentage of Total Pension Liability	53.93%	75.51%
Covered Employee Payroll	\$ 71,685	\$ 71,685
Net Pension Liability as a Percentage of Covered Employee Payroll	159,154.33%	70,100.13%

Schedule of Net Pension Liability

Fiscal Year Ending September 30	Total Pension Liability	Plan Net Position	Net Pension Liability	Plan Net Position as a % of Total Pension Liability	Covered Payroll	Net Pension as a % of Covered Payroll
2014	\$205,207,843	\$154,956,564	\$50,251,279	75.51%	\$71,685	70,100.13%
2015	247,646,499	133,556,720	114,089,779	53.93	71,685	159,154.33

FINANCIAL SECTION

Required Supplementary Information (continued)

Schedules of Contributions

Pension Benefits

Fiscal Year Ended Sept. 30	Actuarially Determined Contribution	Actual Employer Contributions	Contribution Deficiency (Excess)	Covered Payroll	Actual Contribution as a % of Covered Payroll
2006	\$0	\$0	\$0	\$2,016,113	0.0 %
2007	394,957	394,957	0	1,332,400	29.6
2008	0	0	0	1,332,400	0.0
2009	269,944	269,944	0	1,151,100	23.5
2010	774,898	0	774,898	1,173,100	0.0
2011	1,890,998	0	1,890,998	143,370	0.0
2011 [^]	2,915,182	0	2,915,182	143,370	0.0
2012	4,390,831	0	4,390,831	71,685	0.0
2013	5,993,209	0	5,993,209	71,685	0.0
2014	6,327,209	0	6,327,209	71,685	0.0
2015	7,843,450	0	7,843,450	71,685	0.0

[^]Under revised mortality assumptions.

Other Post-Employment Benefits⁽¹⁾

Fiscal Year Ended Sept. 30	Valuation Date Sept. 30	Annual Required Contribution (ARC)	Actual Employer Contributions	Other Governmental Contributions	Percent Contributed
2009	2005	\$ 7,978,764	\$ 4,302,354	\$ 160,758	55.9 %
2010	2009	10,842,010	4,514,665	150,113	43.0
2011	2010	11,817,097	4,287,509	880,159	43.7
2012	2011	9,674,141	7,840,322	225,590	83.4
2013	2012	9,630,395	4,240,388	153,256	45.6
2014	2013	9,381,877	4,323,381	167,078	47.9
2015	2014	9,362,804	4,473,374	180,690	49.7

⁽¹⁾ Includes members in both the defined benefit plan and the defined contribution plan

FINANCIAL SECTION

Required Supplementary Information (continued)

Schedule of Investment Returns

<u>Fiscal Year Ending September 30,</u>	<u>Annual Return*</u>
2014	9.76%
2015	-4.61%

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

NOTE A - DESCRIPTION

Ten-year historical trend information designed to provide information about the System's progress in accumulating sufficient assets to pay benefits when due is presented in the preceding schedules. Other ten-year historical trend information related to the System is presented in the Statistical and Actuarial sections of the report. This information is presented to enable the interested parties to assess the progress made by the System in accumulating sufficient assets to pay pension benefits and other postemployment benefits as they become due. In accordance with GASB Statement No. 67, two years historical trend information is provided for new pension schedules. Also, because this is the seventh year the System is reporting other postemployment benefits in accordance with GASB Statement No. 43, seven years of historical trend information is provided.

The comparability of trend information is affected by changes in actuarial assumptions, benefit provisions, actuarial funding methods, accounting policies, and other changes. Those changes usually affect trends in contribution requirements and in ratios that use the pension benefit obligation as a factor. A change in future actuarial valuations, beginning with fiscal year ending September 30, 2015, was made to use the RP2000 Mortality Table projected 20 years with Scale BB. This change was made to incorporate a margin between male and females, for future mortality improvement.

The Schedule of Funding Progress and Schedule of Contributions are reported as historical trend information. The Schedule of Funding Progress is presented to measure the progress being made to accumulate sufficient assets to pay benefits when due. The Schedule of Employer Contributions is presented to show the responsibility of the State in meeting the actuarial requirements to maintain the System on a sound financial basis.

These schedules are required to show information for ten years, additional years will be displayed as it becomes available. The Schedule of Changes in Net Pension Liability, Schedule of Net Pension Liability, Schedule of Contributions, and Schedule of Investment Returns are schedules that are required in implementing GASB Statement No. 67. These schedules are required to show information for ten years. Additional years will be displayed as it becomes available. The two schedules of the Net Pension Liability represents in actuarial terms, the accrued liability less the market value of assets. The Schedule of Contributions is a comparison of the employer's contributions to the actuarially determined contributions. The Schedule of Investment Returns represents a money-weighted rate of return that expresses investment performances, net of pension plan investment expense, adjusted for the changing amounts actually invested.

FINANCIAL SECTION

Required Supplementary Information (continued)

The information presented in the Schedule of Contributions was used in the actuarial valuation for the purposes of determining actuarially determined contribution rate. Additional information as of the latest actuarial valuation for the pension plan follows:

Valuation Date: Actuarially determined rates are calculated as of September 30, each year, which is 1 day prior to the beginning of the fiscal year in which contributions are reported.

Methods and Assumptions Used to Determine Contribution Rates:

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar
Remaining Amortization Method	10 Years Open
Asset Valuation Method	5-Year Smoothed Market
Actuarial Assumptions:	
Investment Rate of Return	7%
Projected Salary Increases	4%
Cost-of-living Adjustments	4% Annual Compounded (non-compounded for legislators who first became members after 1/1/95)

FINANCIAL SECTION

Supporting Schedules

Comparative Summary Schedule of Administrative Expenses For Years Ended September 30, 2015

	<u>2015</u>
Personnel Services	\$ 353,884
Actuarial Services	16,100
Audit	27,000
Attorney & other Professional Services	7,807
Postage, Telephone and other	<u>22,977</u>
Total Administrative Expenses	<u>\$ 427,768</u>

Schedule of Investment Expenses* For Years Ended September 30, 2015

	<u>2015</u>
Management Fees	\$ 464,019
State Treasurer and custody fees	28,111
Other investment expenses	<u>106,126</u>
Total Investment Expenses	<u>\$ 598,256</u>

*Mutual fund management fees are netted against returns earned.

Schedule of Payments to Consultants For Years Ended September 30, 2015

	<u>2015</u>
Dykema Gossett	\$ 6,862
VanOverbeke Michaud & Timmony	945
Gabriel Roeder	<u>16,100</u>
Total Payments to Consultants	<u>\$ 23,907</u>

FINANCIAL SECTION

Supporting Schedules (continued)

Detail of Changes in Plan Fiduciary Net Position (Pension and Other Postemployment Benefits) For Years Ended September 30, 2015

	Reserves for year ended September 30, 2015						
	Member Savings Fund	Member Retirement Fund	Survivors Retirement Fund	Insurance Revolving Fund	Health Insurance Fund	Income Fund	Total
ADDITIONS							
Member contributions:							
Other member contributions	\$	\$	\$	\$ 3,226	\$ 6,387	\$	\$ 9,613
DC health premium					116,677		116,677
Employer contributions					3,607,200		3,607,200
Employer contributions-Court fees					866,174		866,174
Other governmental contributions					180,690		180,690
Total contributions:				3,226	4,777,128		4,780,354
Investment income (loss)							
Net increase (decrease) in fair value of investments					(1,379,969)	(9,051,293)	(10,431,262)
Interest, dividends and other					463,034	3,025,073	3,488,107
Total investment income (loss)					(916,935)	(6,026,219)	(6,943,154)
Less investment expenses					(79,144)	(519,112)	(598,257)
Net investment income (loss)					(996,079)	(6,545,332)	(7,541,411)
Miscellaneous income					633,325		633,325
Total additions:				3,226	4,414,374	(6,545,332)	(2,127,732)
DEDUCTIONS							
Benefits & refunds paid to plan members & beneficiaries:							
Retirement benefits		11,398,185	1,996,092				13,394,276
Health benefits					5,724,946		5,724,946
Dental benefits					409,246		409,246
Death benefits				376,678			376,678
Refund of contribution & interest			13,284				13,284
Qualified rollover		711,067					711,067
Administrative expenses					65,337	362,432	427,768
Total deductions:		12,109,252	2,009,376	376,678	6,199,529	362,432	21,057,267
Net increase (decrease) in net position		(12,109,252)	(2,009,376)	(373,452)	(1,785,156)	(6,907,763)	(23,184,999)
Other changes in net position:							
Interest/loss allocations	17,736	(2,669,659)	(3,133,807)	(1,122,033)		6,907,763	
Transfer upon retirements	(179,738)	179,738					
Total other changes in net position	(162,002)	(2,489,922)	(3,133,807)	(1,122,033)		6,907,763	
Net increase(decrease) after changes	(162,002)	(14,599,174)	(5,143,182)	(1,495,486)	(1,785,156)		(23,184,999)
Net position restricted for pension benefits and OPEB:							
Beginning of Year:	445,932	59,561,161	69,916,467	25,033,004	23,624,832		178,581,396
End of Year:	\$ 283,930	\$ 44,961,987	\$ 64,773,285	\$ 23,537,518	\$ 21,839,677	\$	\$ 155,396,397

FINANCIAL SECTION

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INVESTMENT SECTION

Michigan Legislative Retirement System

**Comprehensive Annual Financial Report
for the Fiscal Year Ended September 30, 2015**

INVESTMENT SECTION



**Report on Investment Activity
Asset Allocation
Investment Summary
List of Largest Assets Held
Schedule of Investment Fees
Schedule of Fees and Commissions**

INVESTMENT SECTION

Report on Investment Activity

INTRODUCTION

The System's Board of Trustees is the investment fiduciary for the system in accordance with the law. Investment decisions, including investment policies and procedures, are subject to statutory regulations imposed by the Michigan Public Employee Retirement System Investment Act, Public Act 314 of 1965, as amended.

As the investment fiduciary for the system, the board's responsibilities include, but are not limited to: (1) establishing an investment policy and asset allocation for the System pension fund; (2) prudently selecting investment managers and consultants for the system, and (3) conducting periodic reviews to ensure that its policies are followed and that its investment professionals perform satisfactorily in accordance with established standards and goals.

The State Treasurer for the State of Michigan acts as the custodian for the System funds pursuant to state law, and the board has also contracted with independent investment advisors to assist with investment decisions and to manage the pension fund assets.

INVESTMENT OBJECTIVES

The System's primary investment objective is to provide a real rate of return, net of inflation, administrative and investment expenses, sufficient to support the system's ability to meet its obligations to plan participants and beneficiaries without undue exposure to risk. In absolute terms, this return objective should approximate the System's actuarial assumed rate of return, which is currently 7%. The System seeks to attain investment results over a full market cycle. It does not expect that all investment objectives will be attained in each year and recognizes that over various periods of time the System investment results may produce significant "over" or "under" performance relative to broad markets. For this reason, the board of trustees takes a LONG-TERM perspective and will measure quantitative investment returns over a 5-year moving period. Managers and other parties are also expected to meet qualitative performance objectives (adherence to its investment philosophy and System policies, continuity of firm personnel and practices, etc.) as established by the board.

MARKET REVIEW

The market review is prepared by the Fund Evaluation Group (FEG). FEG is the investment advisor for the System and they monitor all the investments and the performance of the investments.

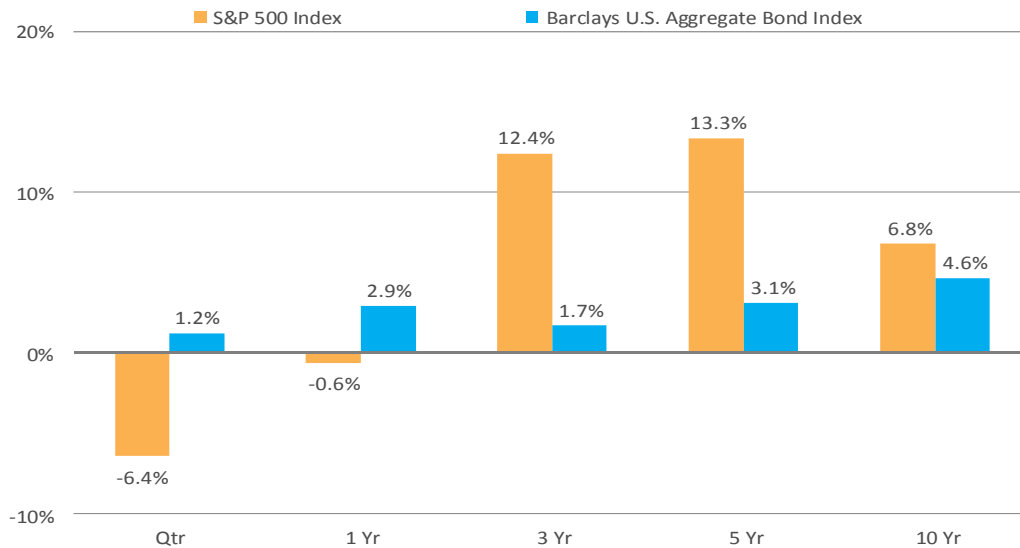
Twelve Months Ending September 30, 2015

Like last year, the uncertainty surrounding when the Federal Reserve (the Fed) would move from their current "zero interest rate policy" (ZIRP) negatively impacted the investment markets. However, unlike last year when the portfolio finished the fiscal year on an uptick, this year the portfolio struggled to gain any traction and ended modestly down. In the last quarter of the fiscal year alone, the S&P 500 fell 6.4% which in total, reduced global investors' wealth by about \$8 trillion. To put the loss into historical perspective, the third quarter was the worst quarter since the -0.4% return posted in the fourth quarter of 2012. Looking back further, the last time there was such a large negative number was in the midst of the European debt crisis of the summer of 2011.

Looking back over the fiscal year ending September 30, 2015, both large cap and mid-cap U.S. equities posted slightly negative returns. In the equity segment, only small capitalization domestic equities generated a positive return, albeit just barely. Of significance was the disparity between stocks classified as "growth" compared to "value". Growth outpaced value by a wide margin during the fiscal year and over the five year period under review. Fortunately, the LRS portfolio has exposure to both styles and participated in that part of the market.

MARKET REVIEW (continued)

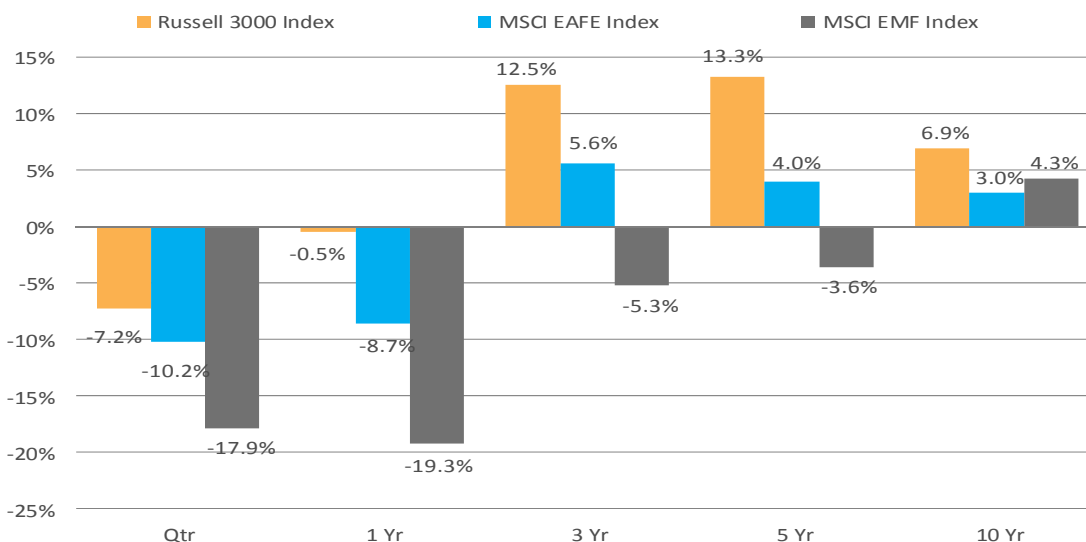
Stocks vs. Bonds



Data Sources: Standard & Poor's and Barclays

Negatively impacted by news from China and general concerns about slowing economic growth, the international markets struggled most of the year. The MSCI World Ex-US Index (all developed markets around the world excluding the U.S.) fell 8.7% during the fiscal year ending September 30, 2015. Currency negatively impacted these markets with the stronger dollar pulling the U.S. investors' return down during the year. Emerging markets experienced the same issues as their international developed counterparts, with the MSCI Emerging Markets Index being down 19.3% during LRS's fiscal year. Impacting the emerging markets is the slowing of China's pace of growth, with the attendant reduction in demand for the raw materials the emerging market countries sell. In the end, it is believed that the strengthening dollar, which has magnified the international markets' decline over the last year or so, may have less of an impact on portfolios going forward.

U.S., International, & Emerging



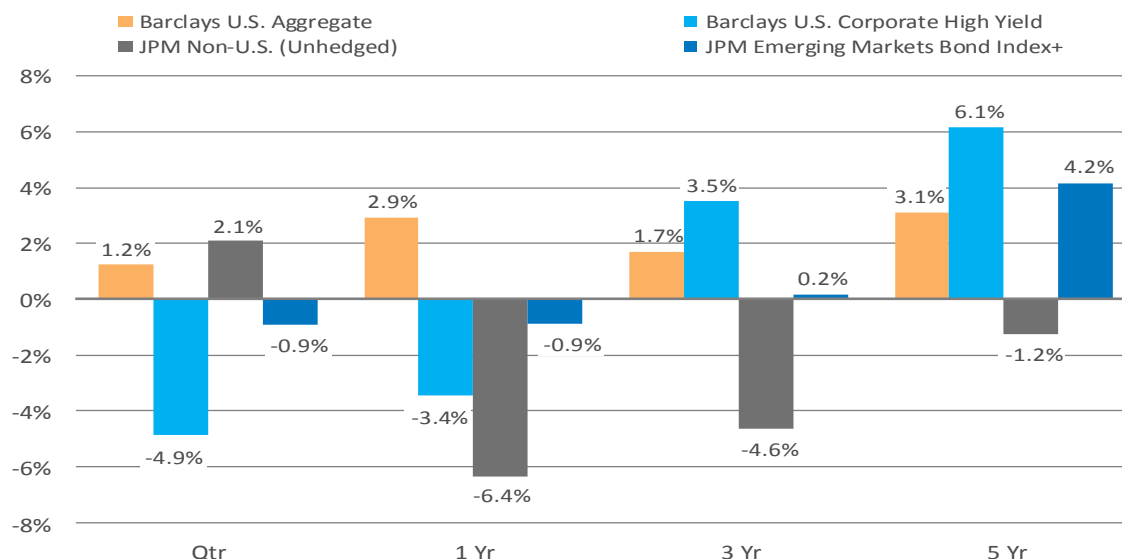
Data Sources: MSCI Barra and Russell

INVESTMENT SECTION

MARKET REVIEW (continued)

In the fixed income arena, the Fed disappointed the markets with their inaction in September. In spite of the somewhat lackluster return potential, the diversification attributes that bonds bring to portfolios is still additive, but the opportunity set is somewhat limited until the Fed makes any definitive moves. Quality was rewarded during the fiscal year with investment grade bonds (as measured by the Barclays U. S. Aggregate Index) up 2.9% return while the Barclays U. S. Corporate High Yield Index posted a loss of 3.4% during the period ending September 30, 2015.

Broad Fixed Income



Data Sources: Barclays and JP Morgan

To further diversify the portfolio, LRS introduced inflation protection into the portfolio during the prior fiscal year in the form of commodities and MLP index holdings. Real assets in general and MLPs (energy) in particular have attractive yields and valuations but price momentum has been negatively impacted by declines in the equity markets and oil prices. Despite the recent pullback, MLPs have outperformed other "yield-producing" instruments (AMJ's current yield is 6.8%). One common question is whether MLPs will be hurt if interest rates go up. With the yield component an important part of their investment return, that possibility certainly exists. However, being among the higher yielding income-oriented investments may insulate MLPs relative to others. Consequently, the LRS portfolio still has exposure.

During the fiscal year, the Trustees of LRS continued their ongoing due diligence reviews, meeting on a regular basis to discuss market, managers and portfolio positioning. One new fixed income manager was introduced to further diversify that segment during the year.

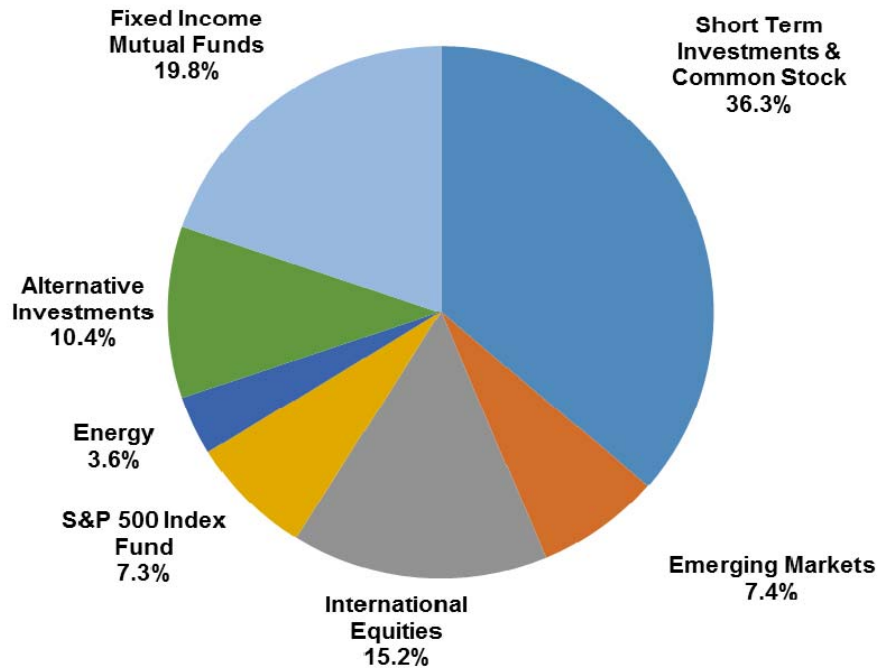
From a return perspective, the LRS portfolio was unable to avoid the volatility in the markets, and ultimately posted a -4.6% time-weighted, net-of-fees return during the period ending September 30, 2015. While this loss is disappointing, the portfolio's asset allocation continues to provide protection. Specifically, the customized index to which the LRS portfolio is compared was calculated to be a negative 6.2% for the fiscal year. Of significance, the System's 7.7% (net-of-fees) return over the five-year period ending September 30, 2015 outpaces the actuarially assumed rate-of-return of 7.0%.

Investors are still looking for the first increase in interest rates and the anticipation is disrupting markets in a variety of ways. Uncertainty has mitigated the number of compelling investment opportunities, both domestically and globally. As the bull market matures (this one started March, 2009), there is a tendency to try to "time" the markets by moving to the sidelines in anticipation of a "correction". However, history teaches us that a fully invested and diversified portfolio is the only proven way to achieve long-term investment success. Because there are no clear paths to investment success, the Trustees continue to prudently position the LRS portfolio to reduce the risk of significant loss while always being mindful of the need to generate a return that meets the LRS actuarially assumed rate of return. The long-term results of the LRS portfolio indicate the Trustees have found the right risk/return balance in this dynamic investment climate.

INVESTMENT SECTION

Asset Allocation

As of September 30, 2015



Investment Summary As of September 30, 2015

Investment Category	Fair Market Value	Percentages of Fair Market Value	Percentages of Income/(Loss)	Fiscal Year Income/(Loss)**
Short Term Investments* & Common Stocks	56,508,034	36.3 %	(20.9) %	\$ 1,448,084
S&P 500 Index Fund	11,362,067	7.3	11.8	(821,507)
Energy	5,650,352	3.6	46.9	(3,252,260)
Emerging Markets	11,636,691	7.4	24.6	(1,710,660)
Alternative Investments	16,185,873	10.4	29.4	(2,040,153)
Fixed Income Mutual Funds	30,797,797	19.8	(6.9)	479,447
International Equity	23,656,037	15.2	15.1	(1,046,106)
Total Investments	<u>\$ 155,796,851</u>	<u>100.0 %</u>	<u>100.0 %</u>	<u>\$ (6,943,155)</u>

* Short Term Investments are equity in the State Treasurer's Common Cash Fund.

** Includes realized gains and losses.

INVESTMENT SECTION

Largest Assets Held

Largest Stock Holdings (By Market Value)

September 30, 2015

Rank	Shares	Stocks	Market Value
1	9,796	MEDTRONIC PLC	\$ 655,744
2	1,277	AMAZON.COM INC	653,684
3	1,062	GOOGLE INC CL C	646,142
4	5,459	HOME DEPOT INC	630,460
5	14,903	FTI CONSULTING INC	618,624
6	5,443	APPLE INC	600,363
7	5,165	UNITEDHEALTH GROUP INC	599,192
8	15,689	KORN/FERRY INTERNATIONAL	518,835
9	11,400	MICROSOFT CORP	504,564
10	5,585	MASTERCARD INC CLASS A	503,320

A complete list of stock holdings is available from the System.

Schedule of Investment Fees

Schedule of Investment Fees at September 30, 2015

Investment Managers Fees*:

	<u>Assets under Management</u>	<u>Fees</u>
World Asset Mgt/Comerica	\$11,362,067	\$ 7,422
Cramer Rosenthal McGlynn	9,293,340	110,514
Barrow Hanley Mewhinney & Strauss	15,249,805	108,113
Rice Hall James	13,675,163	122,421
Wellington	16,994,892	115,549
		<u>464,019</u>

Other Investment Fees

State Treasurer	28,112
Fund Evaluation Group	106,126
	<u>134,238</u>

TOTAL	<u><u>\$ 598,257</u></u>
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*Europacific Growth Fund, Lazard Emerging Markets, Ironwood International Ltd., Parametric Clifton, DoubleLine, JPM Alerian, Morgan Stanley and Franklin Templeton management fees are netted against return earned by mutual fund money managers.

INVESTMENT SECTION

Schedule of Fees and Commissions

Investment Broker Name	Fiscal Year Ended September 30, 2015		
	Shares Traded	Total Value of Commissions	Average Commission Per Share
AUTONOMOUS	3,900	136.50	0.04
AVONDALE PARTNERS LLC	20,149	659.30	0.03
B.RILEY & CO., LLC	442	15.47	0.04
BARCLAYS CAPITAL LE	17,406	564.96	0.03
BB&T SECURITIES, LLC	100	4.00	0.04
BLOOMBERGTRADEBOOK LLC	2,630	29.39	0.01
BMO CAPITAL MARKETS	9,775	321.02	0.03
BNP PARIBAS PRIME BROKERAGE ACTING AGENT	800	28.00	0.04
BTIG, LLC	45,182	1,054.32	0.02
BURKE ANDQUICK PARTNERS LLC	6,000	240.00	0.04
CANACCORDGENUITY INC.	7,552	226.56	0.03
CANTOR FITZGERALD + CO.	17,150	426.75	0.02
CAPITAL INSTITUTIONAL SVCS INC EQUITIES	1,900	66.50	0.04
CHEEVERS & CO. INC.	30,605	612.10	0.02
CITIGROUPGLOBAL MARKETS INC	7,347	253.49	0.03
CJS SECURITIES INC	2,506	100.24	0.04
CONVERGEXEXECUTION SOLUTIONS LLC	136,987	5,139.63	0.04
COWEN ANDCOMPANY, LLC	20,885	826.61	0.04
CRAIG - HALLUM	30,335	1,212.90	0.04
CREDIT RESEARCH + TRADING LLC	735	25.73	0.04
CREDIT SUISSE SECURITIES (USA) LLC	75,923	1,663.59	0.02
CSI US INSTITUTIONAL DESK	4,640	162.40	0.04
CUTTONE & CO.	100	3.50	0.04
DAVIDSON D.A. + COMPANY INC.	3,988	159.52	0.04
DEUTSCHE BANK SECURITIES INC	33,902	665.01	0.02
DOUGHERTYCOMPANY	11,373	411.51	0.04
FIDELITY CAPITAL MARKETS	3,100	124.00	0.04
FIRST ANALYSIS SECURITIES CORP	18,817	579.38	0.03
FRIEDMAN BILLINGS + RAMSEY	740	25.90	0.04
GOLDMAN SACHS + CO	80,985	1,731.31	0.02
GOLDMAN SACHS INTERNATIONAL	5,668	52.91	0.01
GUGGENHEIM CAPITAL MARKETS LLC	10,400	400.50	0.04
HSBC BROKERAGE (USA) INC.	300	10.50	0.04
IMPERIAL CAPITAL LLC	900	36.00	0.04
INSTINET	23,839	415.39	0.02
INVESTMENT TECHNOLOGY GROUP INC.	14,930	133.44	0.01
ISI GROUPINC	11,164	373.96	0.03
J.P. MORGAN SECURITIES INC.	31,236	1,153.08	0.04
JANNEY MONTGOMERY, SCOTT INC	14,987	460.61	0.03
JEFFERIES+ COMPANY INC	25,850	664.04	0.03
JMP SECURITIES	3,700	148.00	0.04
JOHNSON RICE + CO	6,450	198.00	0.03
JONESTRADING INSTITUTIONAL SERVICES LLC	16,450	411.25	0.03
KEEFE BRUYETTE + WOODS INC	30,300	851.00	0.03
KEYBANC CAPITAL MARKETS INC	64,869	2,062.11	0.03
JEFFERIES+ COMPANY INC	148,349	2,716.04	0.02

INVESTMENT SECTION

Schedule of Fees and Commissions (continued)

Investment Broker Name	Fiscal Year Ended September 30, 2015		
	Shares Traded	Total Value of Commissions	Average Commission Per Share
KING, CL,& ASSOCIATES, INC	900	36.00	0.04
KNIGHT EQUITY MARKETS L.P.	26,486	714.61	0.03
LADENBURGTHALMAN + CO	100	4.00	0.04
LEERINK SWANN AND COMPANY	800	32.00	0.04
LIQUIDNETINC	80,063	1,553.58	0.02
MACQUARIESECURITIES (USA) INC	2,000	72.50	0.04
MERRILL LYNCH PIERCE FENNER + SMITH INC	76,768	1,062.49	0.01
MERRILL LYNCH PROFESSIONAL CLEARING CORP	1,538	59.33	0.04
MIZUHO SECURITIES USA INC.	1,295	46.18	0.04
MKM PARTNERS LLC	1,775	62.13	0.04
MORGAN STANLEY CO INCORPORATED	44,485	613.96	0.01
NATIONAL FINANCIAL SERVICES CORP.	1,200	42.00	0.04
NEEDHAM +COMPANY	12,474	491.46	0.04
NOBLE INTERNATIONAL INVESTMENTS INC.	7,511	300.44	0.04
OPPENHEIMER + CO. INC.	20,100	751.50	0.04
PACIFIC CREST SECURITIES	1,235	43.23	0.04
PICKERINGENERGY PARTNERS, INC	4,000	140.00	0.04
PIPER JAFFRAY	17,069	629.59	0.04
RAYMOND JAMES AND ASSOCIATES INC	15,845	632.70	0.04
RBC CAPITAL MARKETS	49,853	1,123.69	0.02
ROBERT W.BAIRD CO.INCORPORATED	32,501	1,144.18	0.04
ROTH CAPITAL PARTNERS LLC	2,162	86.48	0.04
SANDLER ONEILL + PART LP	350	14.00	0.04
SANFORD CBERNSTEIN CO LLC	11,163	300.70	0.03
SCOTIA CAPITAL (USA) INC	4,977	174.20	0.04
SIDOTI + COMPANY LLC	5,316	212.64	0.04
SIMMONS +COMPANY INTERNATIONAL	4,200	147.00	0.04
STATE STREET GLOBAL MARKETS, LLC	25,434	648.71	0.03
STEPHENS,INC.	49,389	1,605.37	0.03
STERNE AGEE & LEACH INC.	240	8.86	0.04
STIFEL NICOLAUS + CO INC	54,235	1,966.29	0.04
STRATEGASSECURITIES LLC	2,000	70.00	0.04
STUART FRANKEL + CO INC	600	9.00	0.02
SUNGARD BROKERAGE & SECURITIES SVCS LLC	1,600	16.00	0.01
SUNTRUST CAPITAL MARKETS, INC.	45,662	1,820.48	0.04
TELSEY ADVISORY GROUP LLC	314	11.99	0.04
UBS SECURITIES LLC	16,614	574.58	0.03
WEDBUSH MORGAN SECURITIES INC	23,278	777.68	0.03
WEEDEN + CO.	93,338	1,530.78	0.02
WELLS FARGO SECURITIES, LLC	26,582	983.63	0.04
WILLIAM BLAIR & COMPANY L.L.C	7,019	214.57	0.03
WOLFE TRAHAN SECURITIES	110	3.85	0.04
WUNDERLICH SECURITIES INC.	14,359	430.77	0.03
TOTALS	1,643,937	46,003.53	

ACTUARIAL SECTION

Michigan Legislative Retirement System

**Comprehensive Annual Financial Report
for the Fiscal Year Ended September 30, 2015**

ACTUARIAL SECTION



**Actuary's Certification
Summary of Actuarial Assumptions and Methods
Schedule of Member Data
Schedule of Changes in Retirement Rolls
Prioritized Solvency Test
Summary of Plan Provisions**

ACTUARIAL SECTION

Actuary's Certification



Gabriel Roeder Smith & Company
Consultants & Actuaries

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December 22, 2015

The Board of Trustees
Michigan Legislative Retirement System
124 North Capitol Avenue – Suite S0927
Lansing, Michigan 48933

Ladies and Gentlemen:

The basic financial objective of the Tier 1 Defined Benefit Plan of the Michigan Legislative Retirement System (MLRS) is to establish and receive contributions which, when combined with present assets and future investment return, will be sufficient to meet the financial obligations of the System to present and future benefit recipients.

The purpose of the September 30, 2014 annual actuarial valuations was to determine the contribution requirements for the fiscal year ending September 30, 2015, to measure the System's funding progress, and to provide actuarial information in connection with applicable Governmental Accounting Standards Board statements. The valuations should not be relied upon for any other purpose. The valuation process develops employer contributions that are sufficient to fund any unfunded accrued liabilities over a reasonable period. The valuation was completed based upon population data, asset data and plan provisions in effect on September 30, 2014.

The valuation was based upon information provided by the System's administrative staff concerning System benefit provisions, financial transactions, and individual members, terminated members, retirees and beneficiaries. We checked the data for internal and year to year consistency, but did not otherwise audit the data. As a result, we do not assume responsibility for the accuracy or completeness of the data provided by the System's administrative staff. The actuary summarizes and tabulates population data in order to analyze long term trends. The System's external auditor audits the actuarial data annually.

Annual actuarial valuations are based upon assumptions regarding future activity in specific risk areas including the rate of investment return and payroll growth, eligibility for the various classes of benefits and longevity among retired lives. These assumptions are adopted by the Board of Trustees after considering the advice of the actuary and other professionals. Each actuarial valuation takes into account all prior differences between actual and assumed experience in each risk area and adjusts the contribution requirements as needed. Assets are valued according to a method that fully recognizes expected investment return, and recognizes unanticipated market return over a five-year period. The assumptions and the methods comply with the disclosure requirements of GASB Statement Nos. 43 and 67.

Actuary's Certification (continued)

The Board of Trustees
December 22, 2015
Page 2

The current benefit structure is outlined in the actuarial section of the Comprehensive Annual Financial Report. We provided the information used in the supporting schedules in the actuarial section and the Schedule of Funding Progress in the financial section, as well as the Employer Contributions – Computed and Actual Historical Comparison schedule in the financial section.

Based upon the results of the September 30, 2014 valuation, the actuarial liabilities are less than fully funded on a funding value of assets basis and market value of assets basis. It is most important that this plan receive contributions at least equal to the actuarial rates. The actual public financed contribution for the year ended September 30, 2014 was zero, instead of the actuarially computed \$6,327,209. Lower-than-recommended actual contributions will increase future required contributions or possibly lead to a depletion in fund assets.

The signing actuaries are independent of the plan sponsor.

The actuarial valuations of MLRS as of September 30, 2014 were performed by qualified actuaries in accordance with standards of practice prescribed by the Actuarial Standards Board and in compliance with applicable State statutes. Mark Buis and Francois Pieterse are Members of the American Academy of Actuaries (MAAA) and meet the Qualification Standards of the American Academy of Actuaries to render the actuarial opinion contained herein. It is our opinion that the calculated employer contribution meets the financial objective of the Retirement System.

Respectfully submitted,



Mark Buis, FSA, EA, MAAA



Francois Pieterse, ASA, MAAA

MHB:mrB

Gabriel Roeder Smith & Company

ACTUARIAL SECTION

Summary of Actuarial Assumptions and Methods

1. The investment return rate used in making the valuations was 7% per year, compounded annually. This rate of return is not the assumed real rate of return. The real rate of return is the rate of investment return in excess of the inflation rate. Considering other financial assumptions, this 7% investment return rate translates to an assumed real rate of return of 3%. Adopted 1987.
2. The mortality table used in evaluating allowances to be paid was the RP-2000 Combined Healthy Mortality Table, adjusted for mortality improvements to 2020 using projection scale BB. Adopted 2015.
3. Sample probabilities of retirement with an age and service allowance are shown in Schedule 1. Adopted 1987.
4. Sample probabilities of withdrawal from service and disability, together with individual pay increase assumptions, are shown in Schedule 2. Adopted 1993, 1979, and 1987, respectively.
5. Total active member payroll is assumed to increase 4% per year. This represents the portion of the individual pay increase assumptions attributable to inflation.
6. An individual entry age actuarial cost method of valuation was used in determining age and service allowance actuarial liabilities and normal cost. Adopted 1987. Unfunded actuarial accrued liabilities, including actuarial gains and losses, are financed over a period of 10 years.
7. Effective for the September 30, 1993 valuation, valuation assets were equal to valuation assets (prior method) as of September 30, 1992, with subsequent differences between total investment income and projected investment income (actuarial assumption) being spread over a five (5) year period.
8. Member data and asset information was furnished by the System's administrative staff. Although examined for general reasonableness, the data was not audited by the actuary.
9. The actuarial valuation computations were made by or under the supervision of a Member of the American Academy of Actuaries (MAAA). The assumptions used in the actuarial valuations were adopted by the board of trustees after consulting with the actuary.
10. Beginning fiscal year 2011, the System board approved using the prior year actuarial report for the System current year comprehensive annual financial report.

Summary of Actuarial Assumptions and Methods

(Continued)

SCHEDULE 1

Retirement <u>Ages</u>	Percent of Eligible Active Members <u>Retiring Within Next Year</u>
50	10 %
52	10
55	10
58	10
61	10
64	10
67	10
70	100

SCHEDULE 2

Separation From Active Employment Before Age & Service Retirement & Individual Pay Increase Assumptions

Years of <u>Service</u> [#]	Percent of Active Members Withdrawing <u>Within Next Year</u>		Sample <u>Ages</u>	Percent of Active Members Becoming <u>Disabled Within Next Year</u>		Percent Increase In Pay During <u>Next Year</u>
	<u>House</u>	<u>Senate</u>		<u>Men</u>	<u>Women</u>	
0	6 %	6 %	25	0.08 %	0.10 %	4 %
1	6	6	35	0.08	0.10	4
2	6	6	40	0.20	0.36	4
3	6	6	45	0.26	0.41	4
4	6	6	50	0.49	0.57	4
5	4	4	55	0.89	0.77	4
6	100	4	60	1.41	1.02	4
7		4	65	1.66	1.23	4
8		100				

[#] Years after 1992, for persons who were members on December 31, 1992

ACTUARIAL SECTION

Actuarial Valuation Data

Schedule of Active Member Pension Valuation Data

Valuation Date Sept. 30	Number	Reported Annual Payroll	Average Annual Pay	% Increase (Decrease)	Average Age	Average Service
2005	24	\$ 2,016,113	\$ 84,005	0.0%	55.1	12.7
2006	24	2,016,113	84,005	0.0	56.1	13.6
2007	16	1,332,400	83,275	(0.9)	55.4	11.2
2008	16	1,332,400	83,275	0.0	56.4	12.2
2009	14	1,151,100	82,221	(1.3)	58.6	13.6
2010	14	1,151,100	83,739	1.9	59.6	14.6
2011	1	71,685	71,685	(14.4)	57.2	9.6
2012	1	71,685	71,685	0.0	52.3	9.8
2013	1	71,685	71,685	0.0	53.3	10.8
2014	1	71,685	71,685	0.0	54.3	11.8

Schedule of Active Member OPEB Valuation Data

Valuation Date Sept. 30	Number	Reported Annual Payroll	Average Annual Pay	% Increase (Decrease)	Average Age	Average Service
2012	48	\$ 3,515,187	\$ 73,233	%	52.6	7.7
2013	44	3,240,447	73,647	(7.8)	52.9	8.6
2014	34	2,497,497	73,456	(22.9)	53.4	10.2

ACTUARIAL SECTION

Actuarial Valuation Data

(Continued)

Schedule of Changes in the Pension Retirement Rolls

<u>Year Ended Sept. 30</u>	<u>Added to Rolls</u>		<u>Removed from Rolls</u>		<u>Rolls—End of Year</u>		<u>% Increase in Annual Allowances</u>	<u>Average Annual Allowances</u>
	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>		
2005	13	\$ 787,749	13	\$ 315,412	268	\$ 8,517,118	5.9	\$ 31,780
2006	14	683,314	6	143,175	276	9,057,257	6.3	32,816
2007	18	1,081,331	8	158,247	286	9,980,341	10.2	34,896
2008	7	625,054	9	182,679	284	10,422,716	4.4	36,700
2009	13	783,304	9	352,972	288	10,853,048	4.1	37,684
2010	8	629,090	8	286,285	288	11,195,853	3.2	38,874
2011	22	1,279,764	10	300,085	300	12,175,532	8.8	40,585
2012	8	752,346	15	428,828	293	12,499,050	2.7	42,659
2013	5	631,881	8	278,216	290	12,852,715	2.8	44,320
2014	4	594,824	10	364,336	284	13,083,203	1.8	46,068

Schedule of Changes in the OPEB Retirement Rolls

<u>Year Ended Sept. 30</u>	<u>Added to Rolls</u>		<u>Removed from Rolls</u>		<u>Rolls—End of Year</u>		<u>% Increase in Annual Allowances</u>	<u>Average Annual Allowances</u>
	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>	<u>No.</u>	<u>Annual Allowances</u>		
2011		\$		\$	356	5,225,619		
2012	18	175,876	12	415,990	362	4,979,441	(4.6) %	\$ 13,755
2013	16	381,825	9	61,892	369	5,299,374	6.4	14,361
2014	8	71,424	15	149,945	362	5,220,853	(1.5)	14,422

ACTUARIAL SECTION

Prioritized Solvency Test

The System's funding objective is to meet long-term benefit promises through contributions that remain approximately level from year to year as a percent of member payroll. If the contributions to the System are level in concept and soundly executed, the System will pay all promised benefits when due -- the ultimate test of financial soundness. Testing for level contribution rates is the long-term solvency test.

A prioritized solvency test is another means of checking a system's progress under its funding program. In a short condition test, the plan's present assets (cash and investments) are compared with: (1) liability for active member contributions on deposit; (2) the liabilities for future benefits to present retired lives; and (3) the liabilities for service already rendered by active members. In a system that has been following the discipline of level percent of payroll financing, the liabilities for active member contributions on deposit (liability 1) and the liabilities for future benefits to present retired lives (liability 2) will be fully covered by present assets (except in rare circumstances). In addition, the liabilities for service already rendered by active members (liability 3) is normally partially covered by the remainder of present assets. Generally, if the System has been using level-cost financing, the funded portion of liability 3 will increase over time. Liability 3 being fully funded is not necessarily a byproduct of level percent of payroll funding methods.

The schedule below illustrates the history of the liabilities of the System and is indicative of the System's policy of following the discipline of level percent of payroll financing.

Pension Benefits (\$ in thousands)									
Actuarial Accrued Liability (AAL)									
</									

Prioritized Solvency Test (continued)

Other Postemployment Benefits (\$ in thousands)

Valuation Date Sept. 30	Actuarial Accrued Liability (AAL)			Valuation Assets	Portion of AAL Covered by Assets			
	(1)	(2)	(3)		(1)	(2)	(3)	(4) ¹
	Active Member Contributions	Retirants and Beneficiaries	Active Members (Employer Financed Portion)					
2008	\$ -	\$ 75,777	\$ 56,850	\$ 14,319	0 %	19 %	0 %	11 %
2009	-	80,198	56,672	14,588	0	18	0	11
2010	-	86,786	68,473	15,886	0	18	0	10
2011	-	92,385	48,311	15,179	0	16	0	11
2012	-	98,511	46,650	20,825	0	21	0	14
2013	-	103,824	49,842	22,806	0	22	0	15
2014	-	109,400	49,169	23,625	0	22	0	15

¹percents funded on a total valuation asset and total actuarial accrued liability basis

ACTUARIAL SECTION

Analysis of System Experience

Gains/Losses in Accrued Liabilities During Year Ended September 30, 2014 Resulting from Differences Between Assumed Experience & Actual Experience

<u>Type of Activity</u>	<u>Gain/(Loss)</u>
1. Retirements (including Disability Retirement). If members retire at older ages or with lower final average pay than assumed, there is a gain. If younger ages or higher average pays, a loss.	\$ -
2. Withdrawals From Employment. (including death-in-service) If more liabilities are released by withdrawals and deaths than assumed, there is a gain. If smaller releases, a loss.	-
3. Pay Increases. If there are smaller pay increases than assumed, there is a gain. If greater increases, a loss.	-
4. Investment Income. If there is greater investment income than assumed, there is a gain. If less income, a loss.	6,361,588
5. Death After Retirement. If retirants live longer than assumed, there is a loss. Of not as long, a gain.	(1,019,036)
6. Rehires. Rehires will generally result in an actuarial loss.	-
7. Other. Miscellaneous gains and losses resulting from data adjustments, timing of financial transactions, etc.	<u>(766,313)</u>
8. Composite Gain (or Loss) During Year	<u><u>\$ 4,576,239</u></u>

Summary Of Plan Provisions

Membership

Legislators who first become legislators after March 30, 1997, will *not* be members of the Tier 1 defined benefit plan. This summary of benefits applies only to persons who first became legislators on or before March 30, 1997, and who did not elect to transfer to Tier 2, the defined contribution plan.

Term Limits

For terms of office beginning on or after January 1, 1993, no person shall be elected to the House of Representatives (House) more than three (3) times and no person shall be elected to the Senate more than two (2) times. With the exception of persons who fill vacancies for partial terms and persons who serve in both the House and the Senate, the normal service limits are:

House - 6 years (three 2-year terms)
Senate - 8 years (two 4-year terms)

Regular Retirement

Eligibility - At least age 50 with age plus service equal to or exceeding 70; or at least age 55 with 5 or more years service if seated either: a) 3 times in the House or b) 2 times in the Senate or c) 1 time in the House and 1 time in the Senate.

Annual Amount - Persons who first became members on or before January 1, 1995: 20% of the highest salary earned for the first 5 years of service, plus 4% of highest salary for each of the next 11 years of service, plus 1% of highest salary for each additional year of service.

Persons who first became members after January 1, 1995: 3% of highest salary for each year of service.

Deferred Retirement (Vested Benefit)

Eligibility - 5 or more years of service if seated either: a) 3 times in the House or b) 2 times in the Senate or c) 1 time in the House and 1 time in the Senate. Benefit begins at age 55 (as early as age 50 if age plus service equals or exceeds 70). Member may delay commencement of benefits to an age not greater than age 70-1/2.

Annual Amount - Computed as regular retirement benefit based on service and highest salary at termination. For persons who first became members on or before January 1, 1995, the benefit is increased 4% annually (compounded) between termination of membership and the earlier of a) benefit commencement or b) age 55. Benefits delayed beyond age 55 are actuarially equivalent to the age 55 benefit.

Disability Retirement

Eligibility - Disability before becoming eligible to retire or during a benefit deferral period.

Annual Amount - Computed as a regular retirement benefit based on service and highest salary at time of disability.

ACTUARIAL SECTION

Summary Of Plan Provisions (continued)

Death Benefit

Eligibility - 5 or more years of service if seated either: a) 3 times in the House or b) 2 times in the Senate or c) 1 time in the House and 1 time in the Senate. Benefit is paid immediately.

Annual Amount - Surviving spouse receives 66 2/3% of the retirement allowance earned as of the date of death of the member. If there are eligible dependent children in his or her care, the surviving spouse receives 75% of the retirement allowance earned as of the date of death until the children are no longer dependent, at which time 66-2/3% then becomes payable. Special conditions apply if there is no surviving spouse, or if the eligible children are not under the care of the surviving spouse.

Post-Retirement Cost-of-Living Adjustments

The annual retirement allowance payable to a retirant or survivor is increased by 4% per year, compounded annually (non-compounded for persons first becoming members after January 1, 1995), each January 1.

Life Insurance

Life insurance coverage is provided from the Insurance Revolving Fund for active members, retirants, and deferred vested members. Coverage varies from \$2,500 to \$150,000 depending on premium payments, board policy, and statutory provisions in place at deferral and/or retirement.

Post-Retirement Health Insurance

Hospital, medical, and dental insurance shall be provided from the Health Insurance Fund for retirants, deferred vested members who first became members on or before January 1, 1995, and their survivors, and to the spouses and eligible children of retirants and of deferred vested members who first became members on or before January 1, 1995.

In addition, the System provides health insurance coverage to eligible former legislators who belong to the State's Defined Contribution Plan (Tier 2).

Member Contributions

For members who first became a member on or before January 1, 1995: 9% of annual salary to the Health Insurance Fund.

For members who first became a member after January 1, 1995: 7% of annual salary to the Health Insurance Fund.

STATISTICAL SECTION

Michigan Legislative Retirement System

**Comprehensive Annual Financial Report
for the Fiscal Year Ended September 30, 2015**

STATISTICAL SECTION



Schedule of Revenue by Source
Schedule of Expenses by Type
Schedule of Benefit Expenses by Type
Actuarial Value of Assets compared to Actuarial Accrued Liability-Pension Plan
Schedules of Changes in Net Position
Schedules of Benefit and Refund Deductions from Net Position by Type
Schedule of Retired Members by Type of Benefit – Pension Plan
Schedule of Funding Progress – Pension Plan
Schedule of Average Benefit Payments – Pension Plan

STATISTICAL SECTION

Narrative Explanation to Statistical Section

The intention of this narrative description is to explain the System's financial and operating trends of the schedules in the statistical section. It is important that this section be written clearly and accurately to help improve the understandability and usefulness of the statistical information. The statistical section contains the following schedules:

Schedule of Revenue By Source - Pension Plan and Other Postemployment Benefit Plan (OPEB)

Schedule of Expenses By Type - Pension Plan and OPEB

Schedule of Benefit Expenses By Type - Pension Plan and OPEB

Schedule of Changes in Net Position - Pension Plan

Schedule of Changes in Net Position - OPEB

Schedule of Benefit and Refund Deductions from Net Position by Type – Pension Plan

Schedule of Benefit and Refund Deductions from Net Position by Type – OPEB

These schedules are a ten (10) year comparison of the Statement of Changes in Pension Plan and Postemployment Benefits Fiduciary Net Position found in the Financial Section of this report. This is to provide a longer time period for reference and show possible trends.

Actuarial Value of Pension Plan Assets compared to Actuarial Accrued Pension Plan Liability

This is to show the trend of the actuarial value of assets compared to the actuarial accrued liability for the pension plan.

Schedule of Retired Members by Type of Benefit – Pension Plan

This schedule is to show the average amount of retirement pension benefits. It is broken out by amount and type of retirement to show possible trends in types of retirement. And to show the average pension amounts by types. The data is compiled by the actuary.

Schedule of Funding Progress – Pension Plan

This schedule is to show the System funding status on a going-concern basis. Analysis of this percentage over time indicates whether the system is becoming financially stronger or weaker. This schedule was in the financial section, but was replaced by the Net Pension Liability for the pension plan.

Schedule of Average Benefit Payments – Pension Plan

This schedule is to show the average amount of retirement pension benefits by years of service. The data is compiled by the actuary.

STATISTICAL SECTION

Schedule of Revenue By Source Pension Plan and Other Postemployment Benefit Plan

Fiscal Year Ended	Member Contributions	Employer Contributions	Other Governmental Contributions	Court Fees	Investment & Other Income(Loss)	Total
2006	\$201,758	\$3,340,100	\$ N/A	\$1,215,803	\$12,721,187	\$17,478,848
2007	164,129	3,424,100	257,079	1,237,607	30,246,532	\$35,329,447
2008	145,038	3,424,100	153,982	1,219,327	(31,512,684)	\$ (26,570,237)
2009	156,385	3,424,100	160,758	1,148,198	6,414,695	\$11,304,136
2010	164,411	3,424,100	150,113	1,090,565	16,840,841	\$21,670,030
2011	114,663	3,287,900	880,159	999,609	(1,160,783)	\$4,121,548
2012	99,322	6,887,400	255,590	952,922	29,197,705	\$37,392,939
2013	113,784	3,300,200	153,256	940,187	26,568,449	\$31,075,876
2014	123,791	3,451,900	167,078	871,481	17,256,085	\$21,870,335
2015	126,290	3,607,200	180,690	866,174	(6,908,086)	\$ (2,127,732)

Schedule of Expenses By Type Pension Plan and Other Postemployment Benefit Plan

Fiscal Year Ended	Benefits*	Refunds and Transfers	Administrative Expenses	Total
2006	\$13,538,242	\$5,367	\$330,920	\$13,874,529
2007	14,288,543	193,191	342,251	\$14,823,985
2008	15,136,792	9,095	380,774	\$15,526,661
2009	16,405,441	108,461	370,185	\$16,884,087
2010	16,747,744	305,475	391,145	\$17,444,364
2011	17,819,328	11,496	510,858	\$18,341,682
2012	18,315,849	15,672	458,702	\$18,790,223
2013	18,704,799	11,700	439,791	\$19,156,290
2014	19,643,402	20,911	493,883	\$20,158,196
2015	19,905,147	724,352	427,768	\$21,057,267

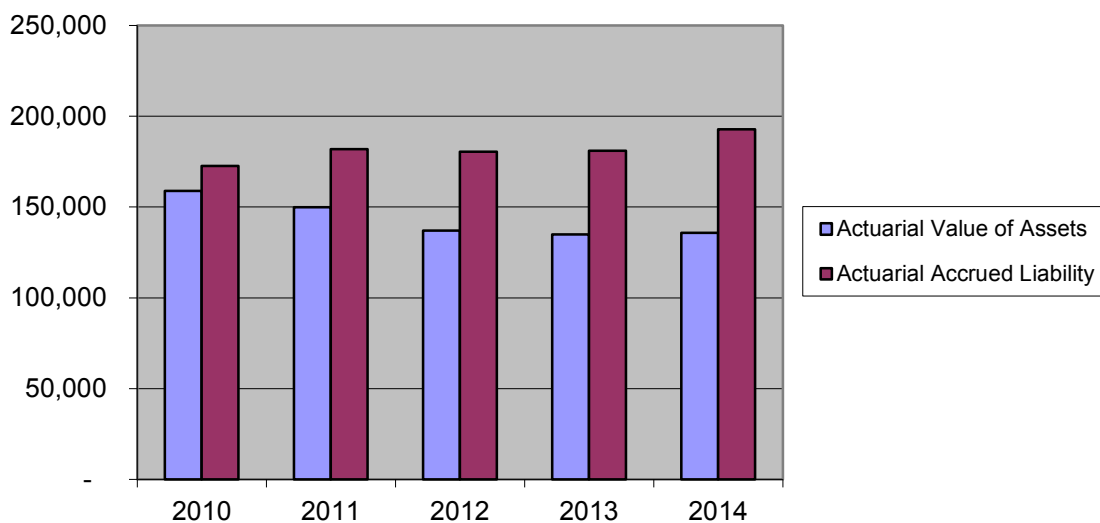
* Includes health benefits

STATISTICAL SECTION

Schedule of Benefit Expenses by Type Pension Plan and Other Postemployment Benefit Plan

Fiscal Year Ended	Regular & Survivor Pension Benefits	Death Benefits	Dental Benefits	Health Benefits	Total
2006	\$8,942,596	\$150,000	\$329,767	\$4,115,879	\$13,538,242
2007	9,681,902	115,800	341,899	4,148,942	\$14,288,543
2008	10,264,373	154,398	360,697	4,357,324	\$15,136,792
2009	10,793,318	457,500	394,566	4,760,057	\$16,405,441
2010	11,121,971	333,172	426,560	4,866,041	\$16,747,744
2011	11,974,289	140,000	448,263	5,256,776	\$17,819,328
2012	12,469,893	325,796	417,299	5,102,861	\$18,315,849
2013	12,757,228	134,000	417,115	5,396,456	\$18,704,799
2014	13,147,695	381,500	417,313	5,696,894	\$19,643,402
2015	13,394,276	376,678	409,246	5,724,946	\$19,905,147

Actuarial Value of Pension Plan Assets compared to Actuarial Accrued Pension Plan Liability Fiscal Years Ended September 30 (In Thousands)



STATISTICAL SECTION

Schedule of Changes in Fiduciary Net Position - Pension Plan (Ten Years)

	Fiscal Year									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Additions										
Member contributions	\$ 19,568	\$ 18,288	\$ 13,286	\$ 11,581	\$ 11,044	\$ 10,343	\$ 7,635	\$ 6,527	\$ 5,662	\$ 3,226
Employer contributions										
Other Gov't contributions										
Court fees		394,957		269,944						
Net Investment income	11,500,577	27,445,951	(29,281,389)	5,564,681	15,031,593	(1,001,060)	26,171,659	23,207,036	14,868,119	(6,545,332)
Other income	21,593					1				
Total additions	11,541,738	27,859,196	(29,268,103)	5,846,206	15,042,637	(990,716)	26,179,294	23,213,563	14,873,781	(6,542,106)
Deductions (See Schedule 3)										
Benefit payments	9,092,596	9,797,702	10,418,771	11,250,818	11,455,143	12,114,289	12,795,689	12,891,228	13,529,195	13,770,955
Refunds	5,367	2,546	9,095	14,638	17,506	11,496	15,672	11,700	20,911	724,352
Qualified rollovers		190,645		93,823	287,969					
Administrative expenses	330,920	314,785	347,102	335,644	354,649	396,358	411,128	372,703	430,200	362,431
Total deductions	9,428,883	10,305,678	10,774,968	11,694,923	12,115,267	12,522,143	13,222,489	13,275,631	13,980,306	14,857,738
Changes in Net position	\$ 2,112,855	\$ 17,553,518	\$ (40,043,071)	\$ (5,848,717)	\$ 2,927,370	\$ (13,512,859)	\$ 12,956,805	\$ 9,937,932	\$ 893,475	\$ (21,399,844)

Schedule of Changes in Fiduciary Net Position - Other Postemployment Benefit Plan (Ten Years)

	Fiscal Year									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Additions										
Member contributions	\$ 182,190	\$ 145,840	\$ 131,752	\$ 144,804	\$ 153,367	\$ 104,320	\$ 91,687	\$ 107,257	\$ 118,129	\$ 123,064
Employer contributions	3,340,100	3,424,100	3,424,100	3,424,100	3,424,100	3,287,900	6,887,400	3,300,200	3,451,900	3,607,200
Other Gov't contributions	-	257,079	153,982	160,758	150,113	880,159	255,590	153,256	167,078	180,690
Court fees	1,215,803	842,651	1,219,327	878,254	1,090,565	999,609	952,922	940,187	871,481	866,174
Net Investment income	799,017	2,192,699	(2,583,379)	541,287	1,556,845	(159,724)	3,026,046	3,361,413	2,187,276	(996,079)
Other income	400,000	607,882	352,084	308,727	252,403				200,690	633,325
Total additions	5,937,110	7,470,251	2,697,866	5,457,930	6,627,393	5,112,264	11,213,645	7,862,313	6,996,554	4,414,374
Deductions (See Schedule 4)										
Benefit payments	4,445,646	4,490,841	4,718,021	5,154,623	5,292,601	5,705,039	5,520,160	5,813,571	6,114,207	6,134,192
Refunds										
Qualified rollovers										
Administrative expenses		27,466	33,672	34,540	36,496	114,500	47,574	67,088	63,683	65,337
Total deductions	4,445,646	4,518,307	4,751,693	5,189,163	5,329,097	5,819,539	5,567,734	5,880,659	6,177,890	6,199,529
Changes in Net position	\$ 1,491,464	\$ 2,951,944	\$ (2,053,827)	\$ 268,767	\$ 1,298,296	\$ (707,275)	\$ 5,645,911	\$ 1,981,654	\$ 818,664	\$ (1,785,155)

STATISTICAL SECTION

Schedule of Benefit and Refund Deductions from Net Position by Type Pension Plan (Ten Years)

	Fiscal Year									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Type of Benefit										
Age and service benefits:										
Retirees	\$ 7,430,838	\$ 8,185,845	\$ 8,745,818	\$ 9,219,700	\$ 9,403,769	\$10,178,018	\$10,669,077	\$10,850,420	\$11,137,006	\$11,398,185
Survivors	1,511,758	1,496,057	1,518,555	1,573,618	1,718,202	1,796,271	1,800,816	1,906,808	2,010,689	1,996,092
Death in service benefits	150,000	115,800	154,398	457,500	333,172	140,000	325,796	134,000	381,500	376,678
Total benefits	<u>\$ 9,092,596</u>	<u>\$ 9,797,702</u>	<u>\$10,418,771</u>	<u>\$11,250,818</u>	<u>\$11,455,143</u>	<u>\$12,114,289</u>	<u>\$12,795,689</u>	<u>\$12,891,228</u>	<u>\$13,529,195</u>	<u>\$13,770,955</u>
Type of refund										
Death	\$ 5,367	\$ 2,214	\$ 9,095	\$ 14,638	\$ 17,506	\$ 11,098	\$ 15,672	\$ 11,700	\$ 20,911	\$ 13,284
Separation										
Other		332		93,823	287,969	398				711,067
Total Refunds	<u>\$ 5,367</u>	<u>\$ 2,546</u>	<u>\$ 9,095</u>	<u>\$ 108,461</u>	<u>\$ 305,475</u>	<u>\$ 11,496</u>	<u>\$ 15,672</u>	<u>\$ 11,700</u>	<u>\$ 20,911</u>	<u>\$ 724,352</u>

Schedule of Benefit and Refund Deductions from Net Position by Type Other Postemployment Benefit Plan (Ten Years)

	Fiscal Year									
	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
Type of Benefit										
Healthcare benefits:										
Health benefits	\$ 4,115,879	\$ 4,148,942	\$ 4,387,409	\$ 4,760,057	\$ 4,866,041	\$ 5,256,776	\$ 5,102,861	\$ 5,396,456	\$ 5,696,894	\$ 5,724,946
Dental benefits	329,767	341,899	330,612	394,566	426,560	448,263	417,299	417,115	417,313	409,246
Total benefits	<u>\$ 4,445,646</u>	<u>\$ 4,490,841</u>	<u>\$ 4,718,021</u>	<u>\$ 5,154,623</u>	<u>\$ 5,292,601</u>	<u>\$ 5,705,039</u>	<u>\$ 5,520,160</u>	<u>\$ 5,813,571</u>	<u>\$ 6,114,207</u>	<u>\$ 6,134,192</u>

STATISTICAL SECTION

Schedule of Retired Members by Type of Benefit - Pension Plan As of September 30, 2015

Amount of Monthly Benefit	Number of Retired Members	Type of Retirement*				
		1	2	3	4	5
Deferred	13	7	6	0	0	0
\$ 1 - \$ 500	1	1	0	0	0	0
501 - 1,000	7	4	0	3	0	0
1,001 - 1,500	17	5	3	8	1	0
1,501 - 2,000	15	4	6	5	0	0
2,001 - 2,500	42	37	0	5	0	0
2,501 - 3,000	31	22	0	9	0	0
3,001 - 3,500	18	10	1	7	0	0
3,501 - 4,000	21	13	3	5	0	0
4,001 - 4,500	22	18	0	4	0	0
4,501 - 5,000	23	19	0	4	0	0
Over 5,000	82	76	0	6	0	0
Total	292	216	19	56	1	0

Notes:

*Type of Retirement

- 1 - Regular retirement - first became members on or before 1/1/95
- 2 - Regular retirement - first became members after 1/1/95
- 3 - Survivor payment - survivor of type 1 regular retiree
- 4 - Survivor payment - survivor of type 2 regular retiree
- 5 - Disability Retirement

STATISTICAL SECTION

Schedule of Funding Progress – Pension Plan (in thousands)

Valuation Date	Actuarial Value of Assets	Actuarial Accrued Liability (AAL) Entry Age	Unfunded (Overfunded) Accrued Liability (UAAL)	Funded Ratio AAL	Covered Payroll ⁽¹⁾	UAAL as a % of Covered Payroll ⁽²⁾
Sept 30	(a)	(b)	(b-a)	(a/b)	(c)	((b-a)/c)
2005	\$157,456	\$154,650	\$(2,806)	102 %	\$2,016	N/A
2006	159,347	158,407	(940)	101	2,016	N/A
2007	167,750	163,313	(4,437)	103	1,332	N/A
2008	169,986	169,396	(590)	100	1,332	N/A
2009	165,810	171,441	5,631	97	1,151	N/A
2010	158,952	172,694	13,741	92	1,173	N/A
2011	149,940	181,847	31,907	82	143	N/A
2012	136,916	180,466	43,550	76	72	N/A
2013	134,932	180,909	45,978	75	72	N/A
2014	135,767	192,762	56,995	70	72	N/A

(1) October based payrolls

(2) Percentage of covered payroll is not applicable (N/A) as the System is closed.

STATISTICAL SECTION

Schedule of Average Benefit Payments - Pension Plan (Ten Years)

Retirement Effective Dates	Years of Credited Services						
	<u>0-5</u>	<u>5-10</u>	<u>10-15</u>	<u>15-20</u>	<u>20-25</u>	<u>25-30</u>	<u>30+</u>
Period 10/1/05 to 9/30/06							
Average monthly benefit		\$1,947	\$2,741				
Average final average salary		\$54,821	\$46,426				
Number of retired members		6	5				
Period 10/1/06 to 9/30/07							
Average monthly benefit		\$1,556	\$3,488	\$3,756	\$6,308	\$5,791	
Average final average salary		\$56,586	\$57,323	\$62,550	\$95,150	\$89,317	
Number of retired members		4	4	2	2	3	
Period 10/1/07 to 9/30/08							
Average monthly benefit		\$1,560	\$3,487	\$5,610			
Average final average salary		\$56,981	\$60,188	\$101,650			
Number of retired members		1	3	1			
Period 10/1/08 to 9/30/09							
Average monthly benefit		\$2,001	\$3,566				
Average final average salary		\$60,842	\$62,550				
Number of retired members		5	2				
Period 10/1/09 to 9/30/10							
Average monthly benefit		\$1,950		\$4,767			
Average final average salary		\$52,551		\$47,723			
Number of retired members		4		1			
Period 10/1/10 to 9/30/11							
Average monthly benefit		\$1,857	\$3,511	\$5,067			
Average final average salary		\$68,654	\$80,425	\$75,210			
Number of retired members		5	9	5			
Period 10/1/11 to 9/30/12							
Average monthly benefit		\$1,746	\$4,020				
Average final average salary		\$59,431	\$79,650				
Number of retired members		3	1				
Period 10/1/12 to 9/30/13							
Average monthly benefit		\$1,916	\$5,245				
Average final average salary		\$53,192	\$77,400				
Number of retired members		1	1				
Period 10/1/13 to 9/30/14							
Average monthly benefit		\$2,844					
Average final average salary		\$70,421					
Number of retired members		2					
Period 10/1/14 to 9/30/15							
Average monthly benefit		\$2,133		\$5,871			
Average final average salary		\$50,629		\$53,192			
Number of retired members		1		1			