

FINANCIAL STATEMENTS

Years Ended December 31, 2015 and 2014



Mayer Hoffman McCann P.C. An Independent CPA Firm

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# **INDEPENDENT AUDITORS' REPORT**

To the Board of Trustees Public School Retirement System of the School District of Kansas City, Missouri Kansas City, Missouri

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

We have audited the accompanying financial statements of the Public School Retirement System of the School District of Kansas City, Missouri (the "Retirement System"), which comprise the statements of fiduciary net position as of December 31, 2015 and 2014, and the related statements of changes in fiduciary net position for the years then ended, and the related notes to the financial statements, which collectively comprise the 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.

#### Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audits. We conducted our audits in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the 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 opinions.

#### Opinion

In our opinion, the financial statements referred to above present fairly, in all material respects, the fiduciary net position of the Retirement System as of December 31, 2015 and 2014, and the changes in fiduciary net position for the years then ended in accordance with accounting principles generally accepted in the United States of America.

### **Other Matters**

#### Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis for the years ended December 31, 2015 and 2014 on pages 3 through 6 and supplementary information on pages 21 through 24 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 audits 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 audits were conducted for the purpose of forming opinions on the financial statements that collectively comprise the Retirement System's basic financial statements. The introductory section, titled Management Discussion and Analysis, is presented for purposes of additional analysis and is not a required part of the basic financial statements.

The introductory section has not been subjected to the auditing procedures applied in the audits of the basic financial statements and, accordingly, we do not express an opinion or provide any assurance on it.

Mayer Hoffman McCann P.C.

Kansas City, Missouri June 14, 2016

MANAGEMENT DISCUSSION AND ANALYSIS

# MANAGEMENT DISCUSSION AND ANALYSIS

Years Ended December 31, 2015 and 2014

Our discussion and analysis of the Public School Retirement System of the School District of Kansas City, Missouri's (the "Retirement System") financial performance provides an overview of the Retirement System's financial activities for the years ended December 31, 2015 and 2014.

#### Financial statements

**Statement of Fiduciary Net Position** - The statement of fiduciary net position reports the Retirement System's assets, liabilities, and the resultant net position available at the end of the year (Assets - Liabilities = Net Position). All assets and liabilities are recorded by use of the accrual basis of accounting. The assets are generally made up of cash, investments (at fair market value), and contributions receivable from participating employers and plan members. The liabilities include unpaid and/or accrued expenses as of the end of the year. Overall, this statement shows the financial position of the Retirement System at the specified year-end date.

**Statement of Changes in Fiduciary Net Position** - The statement of changes in fiduciary net position reports the transactions of the Retirement System that occurred during the year. All of the current year's revenue and expenses are taken into account when preparing this statement. This statement not only shows that Additions - Deductions = Net Changes in Fiduciary Net Position, but it also supports the change that has occurred to the prior year's net position value as shown on the statement fiduciary net position.

**Notes to the Financial Statements** - The notes to the financial statements are an integral part of the financial statements. The required supplementary information provides historical and supplementary information, which is considered useful in the evaluation of the condition of the Plan, which is administered by the Retirement System.

#### MANAGEMENT DISCUSSION AND ANALYSIS

Years Ended December 31, 2015 and 2014

#### **Comparative statements**

The following are summary comparative statements of the Retirement System. For the purpose of this report, these comparative statements have been condensed to give its users a quick overview of the Retirement System's net position and changes in them. One can think of the Retirement System's net position as a way to measure the Retirement System's financial health. Over time, increases or decreases in the Retirement System's net position are indicators of whether its financial health is improving or deteriorating.

		Decen	Percentage		
		2015		2014	Change
Receivables	\$	12,175,210	\$	16,614,075	-26.72%
Investments		622,054,307	·	685,887,143	-9.31%
Cash		2,469,527		2,026,321	21.87%
Asset held for sale		-		770,000	-100.00%
Prepaid and other assets		36,491		54,244	-32.73%
Property and equipment, net of					
accumulated depreciation	_	103,742		268,675	-61.39%
Total assets		636,839,277		705,620,458	-9.75%
Securities purchased		30,751		6,110,089	-99.50%
Accounts payable		583,179		851,538	-31.51%
Accrued expenses		115,841		135,351	-14.41%
Total liabilities		729,771		7,096,978	-89.72%
Net position restricted for pensions	\$	636,109,506	\$	698,523,480	-8.94%

# MANAGEMENT DISCUSSION AND ANALYSIS

Years Ended December 31, 2015 and 2014

#### **Comparative statements** (continued)

	Years Ended December 31,				Percentage		
		2015		2014	Change		
Contributions	\$	29,145,161	\$	26,646,322	9.38%		
Net investment income (loss)		(10,025,518)		27,283,040	-136.75%		
Other income		-		2,500	-100.00%		
Total additions		19,119,643		53,931,862	-64.55%		
Benefits paid		76,235,124		75,298,738	1.24%		
Refunds of contributions		3,399,065		3,236,645	5.02%		
Depreciation expense		250,979		528,860	-52.54%		
Administrative expenses		1,648,449		1,548,319	6.47%		
Impairment Loss		-		1,349,121	-100.00%		
Total deductions		81,533,617		81,961,683	-0.52%		
Decrease in net position		(62,413,974)		(28,029,821)	122.67%		
Net position restricted for pensions:							
Beginning of year		698,523,480		726,553,301	-3.86%		
End of year	\$	636,109,506	\$	698,523,480	-8.94%		

For the year ended December 31, 2015, the change in plan net position for the Retirement System decreased by just under 9% compared to those at December 31, 2014.

#### Office facility

In October 2004, the Retirement System purchased the property located at 4600 Paseo Boulevard (also known as 1331 Brush Creek and 4605 Virginia). The acquisition of this 14,200 square foot facility was to serve as the Retirement System's office space. The purchase price was \$884,050. The purchase of this facility allowed the Retirement System the ability to cease paying rent for office space (which was \$5,668 per month for 3,400 square feet of downtown space) and parking. The facility allowed the Retirement System spaces along with a large, open meeting area. The facility was large enough to allow for the rental of office space to other entities, and consequently offered the possibility to reduce occupancy costs.

In August 2005, the Retirement System relocated its offices from downtown to the new facility at 4600 Paseo Boulevard. Remodeling construction had been completed on phase one when the Retirement System took occupancy. During the remainder of 2005, construction continued on phases two and three of the building.

In September 2009, the Retirement System entered into a one year lease of 2600 square feet in the amount of \$40,000 with a tenant. Over the years, the lessee extended the initial lease term for several short term intervals and increased the square footage that is leased; however that lease expired December 2013. As of December 31, 2015 and 2014, the lessee no longer leased space in the building.

## MANAGEMENT DISCUSSION AND ANALYSIS

Years Ended December 31, 2015 and 2014

#### Office facility (continued)

In December 2011, the Retirement System exercised its "right of first refusal" on the sale of the adjoining property. Simultaneously with the purchase, the Retirement System sold the property to an unrelated buyer in the amount of \$265,000. There was no gain on the sale of this property.

In April 2014, the Retirement System obtained an appraisal of their building and determined that the carrying value exceeded the fair value of the building; therefore, it was determined that the building value was impaired. An impairment loss of \$1,349,121 was recorded for the year ended December 31, 2014 to reduce the carrying amount of the building down to the fair value amount of \$770,000.

In October 2014, the Retirement System agreed to list the building for sale on the real estate market. In December 2015, the Retirement System sold their building. The Retirement System recognized a gain on the sale of the building of \$14,964. In April of 2016 relocated their office facility to a leased facility.

The value of the building as reflected in the above Summary Comparative Statements of Fiduciary Net Position reflects the net book value at December 31, 2014. The net book value includes original cost plus the construction costs, less accumulated depreciation costs. The net book value at December 31, 2015 is \$0 due to the sale of the building in December 2015.

AUDITED FINANCIAL STATEMENTS

# STATEMENTS OF FIDUCIARY NET POSITION

# December 31, 2015 and 2014

	2015	2014
ASSETS		
Receivables: Plan member contributions	\$ 720,848	\$ 688,754
Employers' contributions	\$	\$
Due from brokers for securities sold	1,189,058	9,102,422 5,923,587
Accrued interest and dividends	507,829	819,312
Accided interest and dividends	12,175,210	16,614,075
	12,173,210	10,014,075
Investments, at fair value		
Cash and short term investments	14,266,375	14,475,712
Commingled domestic fixed income	61,809,810	67,188,432
High yield fixed income	14,919,095	15,236,878
Global fixed income	27,554,504	32,295,070
Domestic equity	141,293,930	157,144,487
International equity	148,205,278	162,685,050
Pooled real estate funds	71,749,420	73,508,872
Alternative equity funds	94,206,030	106,856,338
Private equity funds	30,226,368	31,867,012
Commodities fund	17,823,497	24,629,292
	622,054,307	685,887,143
Other:		
Cash	2,469,527	2,026,321
Prepaid and other assets	36,491	54,244
Asset held for sale	-	770,000
Property and equipment, at cost, less		
accumulated depreciation	103,742	268,675
	2,609,760	3,119,240
TOTAL ASSETS	636,839,277	705,620,458
LIABILITIES	00.754	0 440 000
Due to brokers for securities purchased	30,751	6,110,089
Accounts payable	583,179	851,538
Accrued payroll expenses	115,841	135,351
TOTAL LIABILITIES	729,771	7,096,978
NET POSITION RESTRICTED FOR PENSIONS	\$ 636,109,506	\$ 698,523,480

# STATEMENTS OF CHANGES IN FIDUCIARY NET POSITION

Years Ended December 31, 2015 and 2014

	 2015	 2014
Contributions:		
Plan members	\$ 14,645,901	\$ 13,358,180
Employers	14,499,260	 13,288,142
Total contributions	 29,145,161	 26,646,322
Investment income (loss):		
Net realized and unrealized appreciation (depreciation)		
in fair value of investments	(12,410,080)	24,676,100
Interest	2,644,542	3,106,082
Dividends	4,229,650	4,286,883
Other income	-	2,500
	(5,535,888)	32,071,565
Less: Investment expense	4,489,630	4,786,025
Net investment income (loss)	(10,025,518)	 27,285,540
TOTAL ADDITIONS	 19,119,643	 53,931,862
Benefits paid	76,235,124	75,298,738
Refund of contributions	3,399,065	3,236,645
Depreciation expense	250,979	528,860
Administrative expenses	1,648,449	1,548,319
Impairment loss	 -	 1,349,121
TOTAL DEDUCTIONS	 81,533,617	 81,961,683
NET DECREASE IN NET POSITION	(62,413,974)	(28,029,821)
NET POSITION RESTRICTED FOR PENSION		
Beginning of year	 698,523,480	 726,553,301
End of year	\$ 636,109,506	\$ 698,523,480

See Notes to Financial Statements

## NOTES TO FINANCIAL STATEMENTS

# (1) <u>Description of plan</u>

The following description of the Public School Retirement System of the School District of Kansas City, Missouri (the "Retirement System") provides only general information. Participants should refer to the Missouri Revised Statutes regarding the Retirement System or the Summary Plan Description for a more complete description of the Retirement System's provisions, which are available from the Retirement System's administrator.

**General** - The Retirement System is a cost-sharing multiple-employer defined benefit pension plan (the "Plan"), which was established by the General Assembly of the State of Missouri and is exempt from the provisions of the Employee Retirement Income Security Act of 1974. The Board of Trustees of the Retirement System ("Board of Trustees") administers and operates the Plan in accordance with the statutes of the State of Missouri. At December 31, 2015, participating employers consisted of the School District of Kansas City, Missouri; the Kansas City, Missouri Public Library District; the Retirement System; and the following charter schools: Academie LaFayette, Academy for Integrated Arts, Allen Village Charter School, Alta Vista Charter School, Benjamin Banneker Charter Academy, Brookside Charter School, Crossroads Academy of Kansas City, DeLaSalle Charter School, Della Lamb Elementary, Ewing Marion Kauffman School, Frontier School of Innovation, Genesis School, Inc., Gordon Parks Elementary, Hogan Preparatory Academy, Hope Leadership Academy, KIPP Endeavor Academy, Lee A. Tolbert Community Academy, Pathway Academy, Scuola Vita Nuova, and University Academy.

**Eligibility** - All regular, full-time employees of the participating employers become members of the Plan as a condition of employment if they are in a position requiring at least 25 hours of work per week and nine calendar months per year. Employees hired before or during 1961 are members of Plan A. As of December 31, 2014, there are no longer any members of Plan A receiving benefits. Employees who retire after June 30, 1999 and were hired after 1961, but before January 1, 2014 are members of Plan B. Employees hired after January 1, 2014 are members of Plan C. At January 1, 2015 and 2014, respectively, the Plan's membership consisted of:

	2015	2014
Active plan members	3,493	3,501
Retirees and beneficiaries receiving benefits	4,011	3,885
Terminated plan members, vested entitled to but not yet receiving benefits	476	560
Terminated plan members, nonvested entitled to a refund of		
contributions plus accrued interest	2,124	2,230
Total plan membership	10,104	10,176

**Contributions** - Effective January 1, 2014, members of Plan B and C contributed at 8% of annual compensation, as defined. Effective January 1, 2015, members of Plan B and C contributed at 8.5% of annual compensation.

Effective January 1, 2014, employers contributed 8% of annual compensation, as defined. Effective January 1, 2015, employers contributed at 8.5% of annual compensation.

**Service** - Creditable service is membership service. This is service for which required contributions have been made. Members of Plan B are effectively limited to 30 years of creditable service, regardless of the number of years actually worked, unless the member earned more than 30 years prior to August 28, 1993. Members of Plan C are effectively limited to 34.29 years of creditable service, regardless of the number of years actually worked.

## NOTES TO FINANCIAL STATEMENTS

# (1) <u>Description of plan</u> (continued)

#### Compensation

Annual compensation - Compensation in excess of the limitations set forth in Section 401(a)(17) of the Internal Revenue Code will be disregarded for purposes of determining contributions and benefits for members of Plan B and C. However, for years prior to 1989, members of Plan B and C's annual compensation are limited to the scheduled compensation for a school principal who holds a master's degree. A member's annual compensation is the member's regular compensation.

Average final compensation - For members of Plan B and C, the average final compensation is the highest average compensation paid during any four consecutive years of creditable service.

#### Normal retirement

*Eligibility* - A member of Plan B may retire (a) after the completion of five years of creditable service, provided such member has attained at least the age of 60 or (b) after the member has accumulated a minimum of 75 credits (effective August 28, 1998), where each year of creditable service plus a member's age equals 75 credits. A member of Plan C may retire (a) after the completion of five years of creditable service, provided such member has attained at least the age of 62 or (b) after the member has accumulated a minimum of 80 credits, where each year of creditable service plus a member's age equals 80 credits.

*Benefit* - For a member of Plan B, the normal monthly retirement benefit equals the product of one-twelfth of 2.00% (1.75% for members who retired prior to June 30, 1999) of the member's average final compensation and years of creditable service, subject to a maximum of 60% of their average final compensation. The normal monthly retirement benefit for a member of Plan B whose years of creditable service exceeded 34.25 years on August 28, 1993, shall equal the product of 1.75% and the member's years of creditable service on August 28, 1993. For a member of Plan C, the normal monthly retirement benefit equals the product of one-twelfth of 1.75% of the member's average final compensation and years of creditable service, subject to a maximum of 60% of their average final compensation.

*Minimum benefit* - Effective January 1, 1996, any member with at least ten years of service, but less than twenty years, is entitled to a minimum monthly retirement benefit equal to the sum of \$150 and \$15 for each full year of creditable service in excess of ten years or the actuarial equivalent if an option is elected. Any member with at least twenty years of creditable service at retirement is entitled to a minimum monthly retirement benefit of \$300 or the actuarial equivalent of \$300 if an option is elected. Beneficiaries of deceased members who retired with at least ten years of creditable service and elected one of the optional plans for payment of benefits may receive the actuarial equivalent of the minimum monthly retirement benefit available for the option chosen.

Under either Plan, if a member's accumulated contributions provide more than one-half of the member's monthly retirement benefit (under the actuarial assumptions adopted by the Board of Trustees), the member's benefit will be increased by this excess.

#### Early retirement

*Eligibility* - A member with at least five years of creditable service and a minimum age of fifty-five is eligible for early retirement. A member with at least thirty years of creditable service may retire at any time regardless of age.

*Benefit* - A member eligible for early retirement will receive a reduced benefit, calculated as for normal retirement, which recognizes service and compensation to the actual retirement date. The reduction in benefit will provide a benefit which is actuarially equivalent to the normal retirement benefit that would be payable at the member's normal retirement date.

#### NOTES TO FINANCIAL STATEMENTS

#### (1) <u>Description of plan</u> (continued)

#### **Disability retirement**

*Eligibility* - A member with at least five years of creditable service who is certified to be totally incapacitated for performance of duty by the Medical Board (as designated by the Board of Trustees) is eligible for disability retirement.

*Benefit* - A disabled member will receive an unreduced benefit, calculated as for normal retirement, based on service and average final compensation at the actual retirement date. The minimum disability retirement allowance shall be the lesser of:

- 1. 25% of the person's average compensation; or
- 2. The member's service retirement allowance calculated based on the member's final average compensation and the maximum number of years of creditable service the member would have earned had the member remained an employee until attaining the age of 60.

#### Termination benefits - vested

*Eligibility* - A member who has at least five years of creditable service earns a vested interest in their accrued benefit, provided the member leaves their contributions in the Plan.

*Benefit* - The vested benefit is calculated as a normal retirement benefit based on a member's creditable service and average final compensation on the termination date. The benefit is payable, at minimum, on the member's normal retirement date.

#### Termination benefits - non-vested

If the member's termination is for reasons other than death or retirement, and if the member has not met the vesting or retirement requirements, only the member's contributions with interest will be refunded.

#### Death benefit

*Prior to retirement* - For a member who passes away while actively employed, the member's accumulated contributions with interest will be paid to the member's beneficiary. Certain beneficiaries of a member of Plan B or C have the option to receive a monthly retirement benefit or a refund of the member's contributions with interest. All beneficiaries are guaranteed to receive at least the member's accumulated contributions at retirement, if a member passes away before electing an option.

*Post retirement* - The optional form of benefit payment selected under either Plan B or Plan C will determine what, if any, benefits are payable upon death after retirement.

Option 1 - The retiree's beneficiary will receive, for life, the same level of monthly retirement benefit. In the event that the retiree's beneficiary predeceases the retiree, the retiree's monthly retirement benefit will be adjusted to the amount it would have been, had the retiree not elected Option 1.

Option 2 - The retiree's beneficiary will receive, for life, a monthly retirement benefit equal to one-half the retiree's benefit. In the event the retiree's beneficiary predeceases the retiree, the retiree's monthly benefit will be adjusted to the amount it would have been, had the retiree not elected Option 2.

Option 3 - No benefits are payable to the retiree's estate or any beneficiary. Retirement benefits payable under this option will be actuarially increased from the normal formula.

## NOTES TO FINANCIAL STATEMENTS

## (1) <u>Description of plan</u> (continued)

#### Death benefit (continued)

If the death of any retiree who has not elected an option occurs before they have received total benefits at least as large as their accumulated contributions, the difference shall be paid to the deceased's beneficiary, if living, or to their estate.

**Benefit increase adjustments** - The Board of Trustees shall determine annually whether or not the Retirement System can provide an increase in benefits for those retirees who, as of January 1 preceding the date of such increase, have been retired at least one year (three years prior to January 1, 2002). Any increase also applies to optional retirement allowances paid to a retiree's beneficiary. Before any increases are made, the following requirements must be satisfied:

- 1. The Retirement System funded ratio as of January 1<sup>st</sup> of the preceding year of the proposed increase must be at least 100% after adjusting for the effect of the proposed increase. The funded ratio is the ratio of assets to the pension benefit obligation.
- 2. The actuarially required contribution rate, after adjusting for the effect of the proposed increase, may not exceed the statutory contribution rate.
- 3. The actuary must certify that the proposed increase will not impair the actuarial soundness of the Retirement System.

In accordance with the Benefit Increase Adjustments Policy, if an increase is permissible, the amount of the increase will be equal to the lesser of 3% or the percentage increase in the CPI for the preceding year, subject to a cumulative increase of 100% subsequent to December 31, 2000.

The Board of Trustees reserves the right, at its sole discretion, not to award any Benefit Increase Adjustment or other supplements for any year, even if the statutory requirements for an increase are satisfied, or to provide increases in greater or lesser amounts than prescribed by this policy. For the years ended December 31, 2015 and 2014 there was no Benefit Increase Adjustment or an extra check issued to eligible retirees.

Administration of the Retirement System - The Board of Trustees is responsible for the general administration and proper operation of the Retirement System. The Board consists of twelve members: four members appointed by the Board of Education, one member appointed by the Board of Trustees of the Library District, four members elected by and from the members of the Retirement System, two members elected by and from the retirees of the Retirement System, and the Superintendent of Schools of the School District of Kansas City, Missouri. The Board hires an Executive Director to manage the day-to-day operations and implement strategic plans as set by the Board.

**Administrative expenses** - All expenses of the Retirement System are paid by the Plan. Fees related to the administration of Plan are included in administrative expenses. Investment related expenses are included in net appreciation of fair value of investments.

#### (2) <u>Summary of significant accounting policies</u>

**Basis of accounting** - The financial statements of the Retirement System are prepared on the accrual method of accounting. Plan member and employer contributions are recognized in the period in which the contributions are due. Based on an agreement with the State of Missouri, the School District of Kansas City, Missouri and the Kansas City, Missouri Public Library District pay the employer portions of their retirement payment one year in arrears. These amounts are included in the financial statements as contributions receivable. Benefits and refunds are recognized when due and payable in accordance with the terms of the Plan.

## NOTES TO FINANCIAL STATEMENTS

#### (2) <u>Summary of significant accounting policies</u> (continued)

**Implementation of Governmental Accounting Standard Board ("GASB") Statement No. 67** - Effective December 31, 2014, the Retirement System implemented GASB Statement No. 67, *Financial Reporting for Pension Plans*, to build upon the existing framework for financial reports of defined benefit plans, including enhanced disclosures and the presentation of new information about annual money-weighted rates of return. The implementation of GASB Statement No. 67 had no effect on the Retirement System's net position.

**New accounting pronouncements** - In February 2015, the GASB issued Statement No. 72, *Fair Value Measurement and Application*. This Statement defines fair value and describes how fair value should be measured, what assets and liabilities should be measured at fair value, and what information about fair value should be disclosed in the notes to the financial statements. The requirements of this Statement are effective for financial statements for periods beginning after June 15, 2015. The Retirement System is currently evaluating the impact of this Statement and has not yet determined the impact of this Statement on the Retirement System's financial statements.

**Use of estimates** - The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect reported amounts of assets and liabilities and changes therein, and disclosures of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

**Investment valuation and income recognition** - Investments are stated at fair value. Quoted market prices, if available, are used to value investments. The net unrealized appreciation or depreciation in the fair value of investments for the period reflects the net increase or decrease in the fair value of the investments, on an aggregate basis, between the beginning and the end of the reporting period. The net realized gain or loss on sale of investments is the difference between the proceeds received and the cost of the investment sold. The net realized gains and losses have been combined with the net unrealized appreciation and depreciation for purposes of this report. The fair value of the alternative equity funds, private equity funds, and the commodities fund are valued at net asset value of shares held by the Retirement System at year end as determined by audited financial statements of such funds.

Pooled real estate funds consist of funds invested in income producing real estate. These pooled real estate funds are valued at current value based on information received from the funds' sponsor. The value of underlying real estate is generally determined by independent appraisal. Such value may differ from a price at which the real estate could be sold because market prices are negotiated by willing buyers and sellers.

Purchases and sales of securities are recorded on a trade-date basis. Investment income (loss) is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

#### NOTES TO FINANCIAL STATEMENTS

# (2) <u>Summary of significant accounting policies</u> (continued)

The Retirement System's policy in regard to the allocation of invested assets is established and may be amended by the Board of Trustees. Plan assets are managed on a total return basis with a long-term objective of achieving and maintaining a fully funded status for the benefits provided through the pension plan. The following was the Retirement System Board's adopted asset allocation policy as of December 31, 2015:

Asset Class	Target Allocation
	00 50 %
US Equity	22.50 %
Developed Equity	15.00 %
Emerging Market Equity	10.00 %
Core Fixed Income	10.00 %
Developed Markets Fixed Income	5.00 %
High Yield	2.50 %
Hedge Fund of Funds	15.00 %
Private Equity	5.00 %
Commodities	5.00 %
Real Estate	10.00 %
Total	100.00 %

**Rate of return** - For the years ended December 31, 2015 and 2014, the annual money-weighted return on the Retirement System's investments, net of investment expense was -1.20% and 3.49%, respectively. The money-weighted rate of return expresses investment performance, net of investment expense, adjusted for the changing amounts actually invested.

**Concentration risk** - As of December 31, 2015 and 2014, the Retirement System has the following concentrations defined as investments (other than those issued or guaranteed by the U.S. government in any one organization) that represent 5% or more of the Retirement System's net position.

	December 31,					
		2015		2014		
Rhumbline S&P 500 Pooled Index Fund	\$	71,567,167	\$	75,106,860		
Georgetown Fund Managed by Rock Creek		40,255,530		44,751,021		
Rhumbline S&P Mid-Cap 400 Index Fund		38,460,350		44,109,992		
AQR Global Risk Premium Fund		33,454,399		41,716,741		
Earnest Partners Emerging Market Fund		*		35,923,216		

\* Not applicable, investment amount is below 5%.

**Custodial credit risk** - Custodial credit risk is when, in the event a financial institution or counterparty fails, the Retirement System would not be able to recover the value of deposits, investments or collateral securities that are in the possession of an outside party. All investments are held in the Retirement System's name and are not subject to creditors of the custodial financial institution.

## NOTES TO FINANCIAL STATEMENTS

# (2) <u>Summary of significant accounting policies</u> (continued)

**Currency risk** - Currency risk is the risk that changes in exchange rates will adversely affect the fair value of an investment. All investments held by the Retirement System at December 31, 2015 were in United States currency.

**Credit risk** - Credit risk is the risk that an issuer or other counterparty to a debt investment will not fulfill its obligations. The Retirement System's investment policies require that any investment manager have at least 80% of holdings in issues rated A or higher by both Standard & Poor's Corporation and Moody's Investors Service or their equivalents. Each portfolio is required to maintain a reasonable risk level relative to its benchmark. The Retirement System's assets as of December 31, 2015 subject to credit risk are shown with current credit ratings below:

AAA	\$ 42,344,701	68.5%
AA	3,192,598	5.2%
A	7,450,464	12.1%
BAA	 8,822,047	14.3%
	\$ 61,809,810	100.0%

**Interest rate risk** - Interest rate risk is the risk that changes in interest rates will adversely affect the fair value of an investment. The Retirement System's assets subject to interest rate risk are shown below grouped by effective duration ranges:

	Current	Investment Maturities (in years)						
Security Description	 Market Value		Less Than 1		1 - 5	6 - 10		Greater Than 10
U.S. Government	\$ 35,504,697	\$	-	\$	5,280,705	\$ 7,688,894	\$	22,535,098
Corporate BondsUnited States	 26,305,113		-		4,086,513	9,239,265		12,979,335
	\$ 61,809,810	\$	-	\$	9,367,218	\$ 16,928,160	\$	35,514,432

**Property and equipment** - Property and equipment are carried at cost. Purchases are depreciated over their estimated useful lives by use of the straight-line method. The useful lives for the purpose of computing depreciation are:

Building and improvements	40 years
Equipment	7 years
Software	5 years

**Reclassification** - Certain items from the 2014 financial statements have been reclassified to conform with the 2015 presentation. Such reclassifications had no effect on the total net assets available for benefits.

# NOTES TO FINANCIAL STATEMENTS

# (3) <u>Property and equipment</u>

Property and equipment consisted of the following at December 31, 2015 and 2014:

	Decem	nber 31,				
	2015	2014				
Cost						
Equipment	\$ -	\$	16,679			
Software	 2,223,908		2,207,230			
Total cost	 2,223,908		2,223,909			
Less: accumulated depreciation	(2,120,166)		(1,955,234)			
Net property and equipment	\$ 103,742	\$	268,675			

Depreciation expense for the years ended December 31, 2015 and 2014 was \$250,979 and \$528,860, respectively.

In December 2011, the Retirement System exercised its "right of first refusal" on the sale of the adjoining property. Simultaneously with the purchase, the Retirement System sold the property to an unrelated buyer in the amount of \$265,000. There was no gain on the sale of this property.

In April 2014, the Retirement System obtained an appraisal of their building and determined that the carrying value exceeded the fair value of the building; therefore, it was determined that the building value was impaired. An impairment loss of \$1,349,121 was recorded for the year ended December 31, 2014 to reduce the carrying amount of the building down to the fair value amount of \$770,000.

In October 2014, the Retirement System agreed to list the building for sale on the real estate market with intentions of selling the building within the next year. As a result, the net book value of the building at December 31, 2014 was categorized as an asset held for sale on the statement of fiduciary net position. In December 2015, the Retirement System sold their building and recognized a gain on the sale of the building of \$14,964. In April of 2016 relocated their office facility to a leased facility.

# (4) <u>Funding policy</u>

The Missouri Revised Statutes Sections 169.350.4 and 169.291.16 specify that for 2014 and each subsequent year, the employee contribution rate and the employer contribution rate shall be the same percentage of compensation, each not less than 7.5% of compensation nor more than 9% compensation. Within this permitted range, the rate may be changed (increased or decreased) in increments of 0.5% each year. The objective is that the combined employee and employer contribution will be the amount actuarially required to cover the normal cost and amortize the unfunded accrued actuarial liability over a period that does not exceed 30 years from the date of valuation. The rate for each calendar year shall be certified by the Board of Trustees to the employers at least six months prior to the date such rate is to be effective. Prior to 2014, the Missouri Revised Statutes 169.350.1(1) and 169.291.16 specified that the employee and the employer each contribute 7.5% of compensation, as defined.

## NOTES TO FINANCIAL STATEMENTS

# (5) <u>Net pension liability</u>

The components of the net pension liability of participating entities at December 31, 2015 and 2014, were as follows:

		2015		2014
Total pension liability Less: plan fiduciary net position Net pension liability	\$ \$	896,798,027 636,109,506 260,688,521	\$ \$	879,288,823 698,523,480 180,765,343
Plan fiduciary net position as a percentage of total pension liability		70.93%		79.44%

Actuarial information - The Retirement System engages an independent actuarial firm to perform an annual actuarial valuation. The information displayed below presents the funded status as of the most recent actuarial valuation. The Schedule of Funding Progress in the Required Supplementary Information section, immediately following the notes to the financial statements, presents multi-year trend information regarding whether the actuarial value of plan assets is increasing or decreasing over time, relative to the actuarial accrued liability of benefits.

Actuarial Valuation Date	 Actuarial Value of Assets A	Actuarial Accrued Liability B	 unded Actuarial crued Liability (UAAL) B-A	Funded Ratio A/B	Covered Payroll C	UAAL as a Percentage of Covered Payroll (B-A)/C
1/1/2014	\$ 710,828,744	\$ 875,451,114	\$ 164,622,370	81.20%	\$ 157,014,537	104.85%
1/1/2015	\$ 712,390,611	\$ 891,543,036	\$ 179,152,425	79.91%	\$ 170,845,124	104.86%

The actuarial assumptions used for the most recent valuation are as follows:

Valuation Date	January 1, 2015
Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar, Open Period
Remaining Amortization Period Asset Valuation Method Actuarial Assumptions:	30 years 5-year Smoothed Market Value
Investment Rate of Return	8.00%, including inflation
Projected Salary Increases	5.00%, including inflation
Inflation	3.50%

# NOTES TO FINANCIAL STATEMENTS

# (5) <u>Net pension liability</u> (continued)

Pre-retirement mortality rates were based on RP-2000 Healthy Non-Annuitant projected 15 years from the valuation date using Scale AA. Post-retirement mortality rates were based on RP-2000 Healthy Annuitant Table Annuitant projected 7 years from the valuation date using Scale AA. Disability mortality rates were based on RP-2000 Disabled Table for Males and Females.

The long-term expected rate of return on pension plan investments is reviewed as part of the regular experience study prepared by the Retirement System. Several factors are considered in evaluating the long-term rate of return assumption, including long-term historical data, estimates inherent in current market data, and an analysis in which best-estimate ranges of expected future real rates of return (expected returns, net of investment expense and inflation), along with estimates of variability and correlations for each asset class, were developed by the Retirement System's investment consultant. These ranges are combined to produce the 10-year long-term expected rate of return by weighting the expected future real rates of arithmetic 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 Retirement System's target asset allocation as of December 31, 2015 (see the discussion of the pension plan's investment policy) are summarized in the following table:

Asset Class	10-Year Long-term Expected Real Rate of Return
US Equity	6.8 %
Developed Equity	7.5 %
Emerging Market Equity	9.9 %
Core Fixed Income	1.8 %
Developed Markets Fixed Income	0.8 %
High Yield	5.0 %
Hedge Fund of Funds	3.8 %
Private Equity	11.5 %
Commodities	4.3 %
Real Estate	4.6 %

**Discount Rate** - The discount rate used to measure the total pension liability was 8%. The projection of cash flows used to determine the discount rate assumed that contributions from the Plan members will be made at the current contribution rate and that contributions from employers will be made at contractually required rates, actuarially determined. Based on those assumptions, the Plan's fiduciary net position was projected to be available to make all projected future benefit payments of current Plan members. Therefore, the long-term expected rate of return on Plan investments was applied to all periods of projected benefit payments to determine the total pension liability.

# NOTES TO FINANCIAL STATEMENTS

## (5) <u>Net pension liability</u> (continued)

**Sensitivity of the Net Pension Liability to Changes in the Discount Rate** - The following presents the net pension liability of participating entities calculated using the discount rate of 8%, as well as what the net pension liability would be if it were calculated using a discount rate that is 1-percentage-point lower (7%) or 1-percentage-point higher (9%) than the current rate:

	Discount Rate	Participating entities' net pension liabilty
1% decrease	7.0%	339,036,923
Current discount rate	8.0%	260,688,521
1% increase	9.0%	193,241,618

#### (6) <u>Operating lease</u>

The Retirement System entered into an office lease agreement commencing December 2015 and expiring March 2016. Amounts paid relating to this lease were \$3,700. The Retirement System also entered into an office lease agreement commencing on April of 2016 and expiring on February 2026.

Minimum rent payments under non-cancellable operating leases which extend for periods greater than one year are as follows:

#### Years Ending December 31,

2016	\$	45,675
2017	Ŧ	64,415
2018		66,230
2019		68,043
2020		69,857
Thereafter		363,346
Total	\$	677,566

#### (7) <u>Tax status</u>

The Retirement System is exempt from federal income tax under Section 501 of the Internal Revenue Code.

#### (8) <u>Risks and uncertainties</u>

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market, and credit risk. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statements of plan net assets.

Plan contributions are made and the actuarial present value of accumulated plan benefits are reported based on certain assumptions pertaining to interest rates, inflation rates and employee demographics, all of which are subject to change. Due to uncertainties inherent in the estimation and assumption process, it is at least reasonably possible that changes in these estimates and assumptions in the near term would be material to the financial statements.

# NOTES TO FINANCIAL STATEMENTS

## (8) <u>Risks and uncertainties (continued)</u>

Changes in the discount rate and investment returns can have a significant effect on the funded status of the Plan. Management continues to monitor these changes and the potential impact on the future pension plan funding requirements and related expenses.

#### (9) <u>Subsequent events</u>

The Retirement System has evaluated subsequent events through June 14, 2016, which is the date the financial statements were available to be issued and noted the following items for disclosure:

Effective January 1, 2016, members of Plan B and C will contribute at 9% of annual compensation, as defined.

As disclosed in Note 6, the Retirement System entered into an operating lease commencing April 2016. As part of this new lease arrangement, the Retirement System also relocated their office location.

**REQUIRED SUPPLEMENTARY INFORMATION** 

# **REQUIRED SUPPLEMENTARY INFORMATION**

# SCHEDULE OF CHANGES IN NET PENSION LIABILITIES AND RELATED RATIOS (\$ IN THOUSANDS)

	 2015	 2014	
Total Pension Liability		 	
Service cost Interest Differences between expected and actual experience Assumption Changes Benefit payments, including member refunds	\$ 16,690 67,219 12,010 1,224 (79,634)	\$ 15,418 66,956 - - (78,536)	
Net change in total pension liability	\$ 17,509	\$ 3,838	
Total pension liability - beginning	 879,289	 875,451	
Total pension liability - ending	\$ 896,798	\$ 879,289	
Plan Fiduciary Net Position			
Contributions: Employer Employee Net investment income (loss) Benefit payments, including member refunds Administrative expenses Other Net change in plan fiduciary net position	\$ 14,499 14,646 (10,025) (79,634) (1,648) (251) (62,413)	\$ 13,288 13,358 25,937 (78,536) (1,548) (529) (28,030)	
Plan fiduciary net position - beginning	 698,523	 726,553	
Plan fiduciary net position - ending	\$ 636,110	\$ 698,523	
Net pension liability - ending	\$ 260,688	\$ 180,766	
Plan fiduciary net position as a percentage of the total pension liability	70.93%	79.44%	
Covered payroll	\$ 170,580	\$ 166,102	
Employers' Net Pension Liability as a percentage of covered payroll	152.82%	108.83%	

Note to Schedule:

This schedule is intended to show 10-year trend. Additional years will be reported as they become available.

### **REQUIRED SUPPLEMENTARY INFORMATION**

#### SCHEDULE OF EMPLOYERS' CONTRIBUTIONS (\$ IN THOUSANDS)

	 2015	 2014 2013		2013	2012		2011 2010		2010	2009		2008		2007		2006		
Actuarially determined employer contribution	\$ 18,856	\$ 19,401	\$	20,995	\$	16,373	\$	11,398	\$	7,084	\$	3,818	\$	3,934	\$	11,603	\$	12,084
Actual employer contributions	 14,492	 13,288		12,094		11,370		11,973		13,282		27,657		15,613		15,055		14,431
Annual contribution deficiency (excess)	\$ 4,364	\$ 6,113	\$	8,901	\$	5,003	\$	(575)	\$	(6,198)	\$	(23,839)	\$	(11,679)	\$	(3,452)	\$	(2,347)
Covered-employee payroll*	\$ 170,492	\$ 166,102	\$	161,253	\$	151,603	\$	159,637	\$	177,093	\$	206,384	\$	208,173	\$	200,739	\$	192,414
Actual contributions as a percentage of covered-employee payroll*	8.50%	8.00%		7.50%		7.50%		7.50%		7.50%		13.40%		7.50%		7.50%		7.50%

\*Covered-employee payroll based upon the pensionable payroll reported to the Plan and excludes additional compensation amounts that may need to be reported by the employer.

## **REQUIRED SUPPLEMENTARY INFORMATION**

#### SCHEDULE OF INVESTMENT RETURNS

	2015	2014	2013	2012	2011	2010	2009	2008	2007	2006
Annual money-weighted rate of return, net of investment expense	-1.20%	3.49%	12.66%	13.20%	0.64%	13.35%	15.93%	-23.70%	6.55%	13.39%

#### Notes to Required Supplementary Information For the Year Ended December 31, 2015

*Changes of benefit terms.* The following changes to the plan provisions were reflected in the valuation performed as of January 1, 2015 are listed below:

Under legislation passed in 2013, the Board may adjust the member and employer contribution rate each year by no more than 0.50% each. The contribution rate can fluctuate between 7.5% and 9.0%. The Board increased the contribution rate for both members and employers to 8.0% of pay, effective January 1, 2014 and 8.5% of pay, effective January 1, 2015.

In addition, legislation in 2013 created a new set of plan provisions for members hired after December 31, 2013, referred to as Plan C. The key differences between Plan B and Plan C are a lower benefit multiplier (1.75% instead of 2.00%) and different requirements for unreduced benefits (age 62 or Rule of 80 rather than age 60 or Rule of 75). These changes are effective for those hired on or after January 1, 2014.

*Changes of assumptions.* In 2014, the non-disabled mortality tables were updated to reflect an additional year of mortality improvements.

Method and assumptions used in calculations of actuarially determined contributions. The system is funded with fixed contribution rates for members and employers. The actuarially determined contributions in the Schedule of Employer Contributions are calculated as of the beginning of the fiscal year in which contributions are reported. The following actuarial methods and assumptions were used to determine the employer Actuarially Determined Contribution reported in the most recent actuarial valuation (January 1, 2015):

Actuarial Cost Method	Entry Age Normal
Amortization Method	Level Dollar, Open Period
Remaining Amortization Period	30 years
Asset Valuation Method	5-year Smoothed Market Value
Investment Rate of Return	8.00%, including inflation
Projected Salary Increases	5.00%, including inflation
Inflation	3.50%