

# Notice of Meeting and Agenda

# Audit, Finance & Administration Committee Friday, August 25, 2017, 8:00 a.m.

# Headquarters - Board Room, 6<sup>th</sup> Floor 211 N. Broadway, Suite 650 - St. Louis, Missouri 63102

This location is accessible to persons with disabilities. Individuals with disabilities needing information or communication accommodations should call Bi-State Development at (314) 982-1400; for TTY access, call Relay 711. Sign language interpreter services or other accommodations for persons with hearing or speech disabilities will be arranged if a request for such service is made at least two days in advance of the meeting. Large print material, Braille material or other formats will also be provided upon request.

	Agenda	Disposition	Presentation
1.	Call to Order	Approval	Chair Gully
2.	Roll Call	Quorum	S. Bryant
3.	Public Comment	Information	Chair Gully
4.	Audit, Finance & Administration Committee Open Session	Approval	Chair Gully
	Minutes: May 18, 2017		
5.	Contract Modification: Werremeyer, Inc. for Development	Approval	D. Williams/L. Jackson/
	and Implementation of Marketing Activities		T. Zimmerman
6.	Internal Audit Status Report – 4 <sup>th</sup> Quarter FY2017	Information	J. Cali
7.	Internal Audit Follow-Up Summary – 4 <sup>th</sup> Quarter FY2017	Information	J. Cali
8.	Treasury-Safekeeping Quarterly Accounts Audit – Ending	Information	J. Cali
	March 31, 2017		
9.	Treasury-Safekeeping Quarterly Accounts Audit – Ending	Information	J. Cali
	June 30, 2017		
10.	4 <sup>th</sup> Quarter Financial Statements	Information	K. Klevorn/M. Vago
11.	4 <sup>th</sup> Quarter Performance Indicators	Information	K. Klevorn/M. Vago
12.	June Treasury Report	Information	K. Klevorn/T. Fulbright
13.	4 <sup>th</sup> Quarter Procurement Report	Information	L. Jackson
14.	FY 18 Risk Management Insurance Program Update	Information	K. Brittin/C. Stewart
15.	Pension Plans, 401(k) Retirement Savings Program and	Information	C. Stewart
	OPEB Trust Investment Performance Update as of June 30, 2017		
16	2017 Unscheduled Business	A	Chair Cullu
16.		Approval Information	Chair Gully
17.	Call of Dates for Future Committee Meetings		S. Bryant
18.	Adjournment to Executive Session	Approval	Chair Gully
	If such action is approve by a majority vote of The Bi-State		
	Development Agency's Board of Commissioners who		

Agenda	Disposition	Presentation
constitute a quorum, the Board may go into closed session		
to discuss legal, confidential, or privileged matters pursuant		
to Bi-State Development Board Policy Chapter 10, Section		
10.080 (D) Closed Records: Legal under §10.080(D)(1);		
Real Estate under §10.080(D)(2); Personnel under		
§10.080(D)(3); Health Proceedings under §10.080(D)(4);		
Employee Negotiations under §10.080(D)(5); Data		
Processing under §10.080(D)(6); Purchasing and Contracts		
under §10.080(D)(7); Proprietary Interest under §10.080		
(D)(8); Hotlines under §10.080(D)(9); Auditors under		
§10.080(D)(10); Security under §10.080(D)(11); Computers		
under §10.080(D)(12); Personal Access Codes under		
§10.080(D)(13); Personal Information under		
§10.080(D)(14); Insurance Information under		
§10.080(D)(15); Rail, Bus, or Facilities Safety and		
Accidents under §10.080(D)(16) or Protected By Law under		
§10.080(D)(17).		

Note: Public comment may be made at the written request of a member of the public specifying the topic(s) to be addressed and provided to the Agency's information officer at least 48 hours prior to the meeting.



#### BI-STATE DEVELOPMENT AUDIT, FINANCE & ADMINISTRATION COMMITTEE MEETING OPEN SESSION MINUTES MAY 18, 2017

#### **Committee Members in Attendance**

Other Commissioners in Attendance

Constance Gully Chair Vernal Brown (absent) David Dietzel (absent) Vince Schoemehl Jeffrey Watson (absent)

#### Staff in Attendance

John Nations, President & CEO Barbara Enneking, General Counsel and Deputy Secretary Shirley Bryant, Certified Paralegal Jim Cali, Director of Internal Audit Ray Friem, Executive Director Metro Transit Larry Jackson, Executive Vice President for Administration Kathy Klevorn, Sr. Vice-President and Chief Financial Officer Barbara Georgeff, Director of Executive Services Brenda Krieger, Executive Assistant Mark Vago, Controller Tammy Fulbright, Director Treasury Services Kent Swagler, Director Corporate Compliance and Ethics Jonathan Frederick, Director Accounting & Budget Michael Gibbs, Accountant Business Enterprise Gary Smith, Internal Audit Intern Kathy Brittin, Director Risk Management, Safety & Claims Patti Beck, Director Communications Dianne Williams, Vice President Communications & Marketing David Toben, Director Benefits Kerry Kinkade, Vice President and Chief Information Officer Maryanne Coley, Manager Benefits Ken Franklin, Vice President Governmental Relations & Policy Initiatives Charles Stewart, Vice President Pension & Insurance Angela Staicoff, Sr. Internal Auditor Kailey Braddy, Internal Audit Intern Kelli Fitzpatrick, Sr. Internal Auditor, Part-time Andrew Ghiassi, Manager Safety & Loss Control Virginia Alt-Hildebrandt, Manager Administrative Services Francoise Lyles-Wiggins, Supplier Diversity Manager

#### Others in Attendance

Scott Nickerson, Crowe Horwath

#### 1. Call to Order

8:00 a.m. Chair Gully called the Open Session Audit, Finance and Administration Committee Meeting to order at 8:00 a.m.

#### 2. Roll Call

8:00 a.m. Roll call was taken.

#### 3. Public Comment

8:00 a.m. There was no public comment.

Commissioner Gully congratulated Kathy Klevorn, Sr. Vice President and Chief Financial Officer, for her nomination for a CFO of the Year award.

#### 4. Audit, Finance and Administration Committee Open Session Minutes: March 24, 2017

8:01 a.m. The March 24, 2017, Open Session Audit, Finance and Administration Committee Meeting minutes were provided in the Committee packet. A motion to approve the minutes as presented was made by Commissioner Schoemehl and seconded by Commissioner Gully. Motion passed unanimously.

#### 5. FY2018 Annual Audit Work Plan and Risk Assessment

**8:01 a.m.** The FY18 Annual Audit Work Plan and Risk Assessment was provided in the Committee packet. Jim Cali, Director Internal Audit, provided a brief overview. The Audit Work Plan for FY18 was developed with input from Agency management. A recently adopted leadership training program provided an awareness of the services the Internal Audit Department (IAD) provides, which resulted in a number of audits and/or risk assessment requests from management. The audit work plan incorporates a risk based analysis of the Agency's operations in order to determine which audits will be performed during this fiscal year. In developing the proposed audit work plan, special attention was given to the auditable units associated with the passenger revenue systems. IAD, with the assistance of Senior Management, compiled a Risk Assessment, taking into consideration probable risk factors and potential exposures BSD could experience. The comprehensive Risk Assessment analysis identified a total of 120 auditable units. The listings of all the audits planned for FY18 are provided in Exhibit A on page 8 of the draft copy of the FY18 Annual Audit Work Plan. A motion was made by Commissioner Schoemehl and seconded by Commissioner Gully to approve this agenda item as presented. Motion passed unanimously.

#### 6. Internal Audit Status Report – 3<sup>rd</sup> Quarter FY2017

**8:03 a.m.** The Internal Audit Status Report, 3<sup>rd</sup> Quarter FY17 was provided in the Committee packet. Jim Cali, Director Internal Audit, provide a brief overview. In addition to tracking the status of current audits and special projects, this report also highlights the follow-up activity related to the implementation of recommendations from prior audits. BKD, a certified public accounting firm, who are also our neighbors on the 6<sup>th</sup> floor, was engaged to perform the audit of BSD's health insurance claims. They completed the review of the claims for Cigna and Delta Dental, and during the 3<sup>rd</sup> quarter, they began the review of the claims processed for pharmacy by Express Scripts. BKD plans to have their complete report for presentation at the August Audit Committee meeting. The Internal Audit Department (IAD) performed the review of the Shaw Park Garage Transit Center expenses that were submitted by St. Louis County. Gary Smith, an Intern in IAD was assigned this task. Mr. Smith's review of the billing identified a significant billing error on the part of St. Louis County, which was corrected in April and the Agency received a credit of \$21,112. IAD also worked with Procurement to issue an on call contract to provide accounting, auditing, tax

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> planning, and consulting services to Arts-In-Transit and the Bi-State Development Research Institute, the two 501(c)(3) non-profit corporations that BSD supports. A review of five (5) proposals concluded with the selection of Schowalter & Jabouri, P.C. to be engaged for that task. Mr. Cali introduced Kailey Braddy, a college student intern, to replace Amy Olden, a former IAD Intern who recently accepted a position with a local Fortune 100 company. This report was informational only and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 7. Internal Audit Follow-Up Summary, 3<sup>rd</sup> Quarter FY17

**8:05 a.m.** The Internal Audit Follow-Up Summary, 3<sup>rd</sup> Quarter FY17 was provided in the Committee packet. Jim Cali, Director Internal Audit provided a brief overview. In accordance with Board Policy the Internal Audit Department (IAD) is tasked with doing a follow-up of previously concluded audits. To ensure compliance, IAD regularly monitors the status of recommendations. Each recommendation has been reviewed and its status is either listed as "completed", "outstanding" or "overdue." At this time, there are no items overdue and Agency management has done a tremendous job keeping track of the corrective action plans going forward. This report was informational only and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 8. Treasury-Safekeeping Quarterly Accounts Audit – Ending December 31, 2016

**8:07 a.m.** The Treasury-Safekeeping Quarterly Accounts Audit – Ending December 31, 2016 was provided in the Committee packet. Jim Cali provided a brief overview. The Internal Audit Department (IAD) is tasked with the responsibility to perform a quarterly audit of the Agency's safekeeping funds. IAD reviewed the Treasurer's report as of December 31, 2016 to identify the securities classified under the Safekeeping Accounts criteria. IAD independently verified the existence and the investments held by the bank custodians and confirmed all balances presented on the Treasurer's report were accurate and recorded with no exceptions. As of December 31, 2016, the Agency has approximately \$82 million in U.S. Treasury and Government Agency securities. The sales tax capital represents \$68.6 million, self-insurance funds consist of approximately \$6.4 million, and the remaining securities represent \$7 million in internally restricted funds. This report was informational only and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 9. 3<sup>rd</sup> Quarter Financial Statement

**8:09 a.m.** The 3<sup>rd</sup> Quarter Financial Statements were provided in the Committee packet. Jonathan Frederick, Director Accounting & Budget, provided a brief overview. Bi-State Development **(BSD)** business and self-insurance divisions had combined assets of \$1.46 billion. The 3<sup>rd</sup> quarter, FY17 income before depreciation was \$10.1 million compared to a budget of \$0.6 million for a positive variance of \$9.5 million. The 3<sup>rd</sup> Quarter income from FY16 was \$16.8 million and that is approximately a \$6.7 million decrease in income before depreciation for FY17. The Net Loss after depreciation was \$46.8 million. The financial statement package includes the analysis and financial position of each BSD business division.

<u>Executive Services</u> - BSD partnered with the Urban Land Institute, St. Louis, and the University of Missouri, St. Louis, public policy administration program to offer a 24 hour Chancellor's Certificate Program in the Fundamentals of Economic Development. Income before depreciation for Executive Services was \$220.5 thousand, total revenue \$2.9 million an increase of \$283.2 thousand over the prior year, and total expenses of \$2.6 million which represents an increase of \$213.3 thousand over the prior year.

<u>Gateway Arch</u> – The Arch opened April 19, 2017 with one tram in operation, the second tram is scheduled to open in late May. The loss before depreciation was \$539.8 thousand, total revenue was \$3.8 million, an increase of \$715.4 thousand over prior year. The tram ridership for FY17 is down 16.9% compared to FY16, but the increase of \$715.4 thousand represents a strategic change in ticketing pricing resulting in an increase in revenue. Total expenses were \$4.4 million, an increase of \$2.8 million over prior year.

<u>Riverboats</u> - The riverboats began the 2017 season in March and are experiencing an increase in passengers and cruises, due to the lack of flood days and Arch trams closure. Income before depreciation was \$108.3 thousand compared to a loss of \$223.6 thousand in FY16. Performance metrics for the riverboats, passenger boardings have increased 51.6% over the last year, and that is directly attributed to the lack of flood days. Cruises have also increased by 47.9% and days of operations have increased 20.1%. Total revenue was \$1.9 million, which is more than 44.75% greater than FY16. Total expense was \$1.8 million compared to \$1.5 million in FY16 and that increase is mainly due to normal operating costs for a larger volume of cruises.

<u>St. Louis Downtown Airport</u> – In late March, the St. Louis Aviation community turned out for an open house to welcome Gateway Jets to their new location at the St. Louis Downtown Airport. Loss before depreciation was \$69.7 thousand, unfavorable compared to a net loss of \$46.8 thousand in FY16. Revenue decreased approximately \$6.6 thousand under FY16. The decreased revenue is due to lower aviation sales flowage, concessions, and interest income. Expense was \$1.2 million, an increase of \$16.2 thousand over FY16, mostly due to the increases in services for legal and consulting for future airport projects.

<u>Metro</u> – As a nationally recognized leader in vehicle maintenance, Metro celebrated the achievement of a million mile bus. What may be even more impressive is that in the coming years there may be more than a dozen that make that mark. Income before depreciation was 10.6 million, a 3.3 million increase over FY16. Total revenue was 219.5 million, down 6.1 million from the prior year, with a majority of the decrease in passenger revenue. Passenger revenue has decreased about 3.2 million over FY16, as a direct result of passenger boardings decrease of 6.7% for the total system. The most recent data available shows that the Agency's peer transit systems are also experiencing ridership loss. Total expense was 208.9 million down 2.8 million from FY16.

<u>St. Louis Freightway</u> – The Freightway held their annual meeting on May 10, 2017. Loss before depreciation was \$302.8 thousand. Total revenue was \$138.3 thousand that includes Partnership revenue fees from East West Gateway Council of Governments (EWGCG) and the Leadership Council of Southwestern Illinois. Total expense was \$441.1 thousand and that is mainly consulting and wage costs.

<u>Bi-State Development Research Institute</u> – Net loss was \$54. 8 thousand. Revenue was \$429 that includes the final reimbursement amount related to the Missouri Health Foundation grant held over from FY16. Expense was \$55.2 thousand and the majority of that amount is for consulting services and materials related to the completion of the Missouri Health Foundation grant. Additional expenses and services are mainly due to the start of a new Food Kiosk Program project.

<u>Arts-In-Transit</u> – The net income was \$10.6 thousand, total revenue was \$32.5 thousand, which includes the annual contribution from the Regional Arts Commission and proceeds from a bus painting event. The total expense was \$21.9 thousand.

The Health Self-Insurance Fund net loss before transfers was \$38.8 thousand and total revenue was \$22.2 million compared to \$24.6 million in FY16. Total expense was \$22.1 million compared to \$23.2 million in FY16. Casualty Self-Insurance loss before transfers was \$432.8 thousand, total revenue was \$3.9 million, and total expense was \$3.5 million. Both Casualty and Workers Compensation are new funds so their comparative data to FY16 is not available. Workers Compensation loss before transfers was \$262.9 thousand, total revenue was \$3.8 million and total expense was \$4.1 million. This report was informational only and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 10. 3<sup>rd</sup> Quarter Performance Indicators

**8:18 a.m.** The 3<sup>rd</sup> Quarter Procurement Indicators Report was provided in the Committee packet. Jonathan Frederick discussed the 3<sup>rd</sup> Quarter Performance Indicators during his presentation of Agenda Item #9. This report was informational only, and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 11. March Treasury Report

8:18 a.m. The March Treasury Report was provided in the Committee packet. Tammy Fulbright, Director Treasury Services, provided a brief overview. BSD directed \$202 million in cash and investments; and investments had an average yield of .71% for the month of March. The Federal Reserve (Fed) raised rates three times and the current rate ranges between .75% and 1%. The most recent Fed rate was at .91% and the Fed is optimistic that they will raise rates twice this year, but analysts are not so optimistic and think rates might be raised one more time this year based on economic conditions. If there is one more increase, there is a 70% chance that it would happen in June. In the summer months BSD requires more liquidity in its cash flow, so a rate increase at that time would be very beneficial and increase the yield on short term investments. If the rates are raised in June, we could possibly see 2% ranges. Another advantage would be in the fall when BSD is going out to invest, there would be better opportunities available. The Trustee Directed Funds are approximately \$51 million and the rate of return is approximately 1.14%. BSD had one maturity from February to March and was able to invest it short term, and with rates increasing it kept the total average rate of return steady. As we have some maturities those rates will increase as well. This report was informational only and no Committee action was required. A copy of this report will be kept at the office of the Deputy Secretary.

# 12. 3<sup>rd</sup> Quarter Procurement Report

**8:22 a.m.** The 3<sup>rd</sup> Quarter Procurement Report was provided in the Committee packet. Larry Jackson, Executive Vice President for Administration, provided a brief overview stating that this report was informational only. He noted that the non-competitive or sole source procurement for the quarter was at 9.3% of total purchases and for the twelve months to date was running at 8.9% so at this point in time we are under our 10% goal we try to hit every year. He acknowledged that he owes the Board some information from the meeting on Tuesday that he was not able to attend and he will get that to the Board as soon as he gets all his information together. The question raised concerned one of the sole source contracts and requested an explanation as to why we only received one bid. We will address this inquiry and add this information to the briefing paper for the Board meeting. This report was informational only, and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

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#### 13. Disadvantaged Business Enterprise Program (DBE) Update

8:23 a.m. The Disadvantaged Business Enterprise Program (DBE) Update was provided in the Committee packet. Larry Jackson, Executive Vice President for Administration, introduced Francoise Lyles-Wiggins, Supplier Diversity Manager, to provide a brief overview. The Disadvantaged Business Program has been in effect for more than 20 years through the United States Department of Transportation (USDOT). Bi-State Development (BSD), as a recipient of financial assistance through the Federal Transit Administration (FTA), is required to maintain a DBE Program. BSD's Office of Supplier Diversity (OSD) administers that program in accordance with the USDOT requirements and ensures that DBE firms are afforded viable opportunities to participate on BSD projects agency wide. The FTA approved BSD's 2016-2018 DBE overall goal of 20% participation, with 15% achieved through race neutral means and 5% through race conscious means. During Federal Fiscal Year (FFY) 2012 and 2013, BSD exceeded its projected goal of 16%, and an adjustment to the contract goal was implemented. That adjustment resulted in a shortfall at the end of FFY 2015. A shortfall analysis report was developed and submitted, in accordance with FTA policies, and submitted to the FTA for review and approval on January 19, 2016. OSD outlined and implemented a corrective action plan. A review of the DBE commitments, awards and payments for FFY 2016 indicated that BSD only achieved 11% DBE participation, which was a 9% shortfall. A shortfall status report and BSD's corrective action plan was submitted to the FTA on April 21, 2017 for their review and approval. The FFY 2016 status report outlined BSD's small business strategies to assist small businesses with business development, growth and sustainability. BSD through a collaborative effort with its partners, the Missouri Department of Transportation (MoDOT), the City of St. Louis, and St. Louis International Airport, developed a comprehensive educational program designed to assist small businesses meet the contractual requirements of USDOT-assisted contracts, make a profit, avoid loss and attain sustained capacity for growth and longevity. OSD has also partnered with the USDOT Small Business Transportation Resource Center (SBTRC) - Central Region in an effort to increase the number of small businesses prepared to compete for and enter into transportation related prime and subcontract opportunities. Mr. Jackson congratulated Ms. Lyles-Wiggins on doing an excellent job on the oversight of this program as well as the success of the outreach and educational programs being conducted in cooperation with BSD's partners to assist the small, disadvantaged business community. Some discussion followed regarding the method for certifying DBE/WBE in both Missouri and Illinois. This report was informational only and no Committee action was required. A copy of the report will be kept at the office of the Deputy Secretary.

#### 14. Unscheduled Business

8:42 a.m. John Nations congratulated Kathy Klevorn, Vice President & Chief Financial Officer on being nominated for CFO of the Year.

#### 15. Call of Dates for Future Committee Meetings

8:42 a.m. The Board was advised of the upcoming meetings, as follows:

Board Meeting:	Friday, June 23, 2017, 8:00 a.m.
Operations Committee:	Tuesday, August 15, 2017, 8:00 a.m.
Audit, Finance & Administration Committee:	Friday, August 25, 2017, 8:00 a.m.

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#### 16. Adjournment to Executive Session

Executive Session - If such action is approved by a majority vote of the Bi-State Development Agency's Board of Commissioners who constitute a quorum, the Board may go into closed session to discuss legal, confidential, or privileged matters pursuant to Bi-State Development Board Policy Chapter 10, Section 10.080(D) Closed Records; Legal under § 10.080(D)(1); Real Estate under §10.080(D)(2); Personnel under § 10.080 (D)(3); Health Proceedings under §10.080(D)(4); Employee Negotiations under § 10.080(D)(5); Data Processing under § 10.080(D)(6); Purchasing and Contracts under § 10.080(D)(7); Proprietary Interest under § 10.080(D)(8); Hotlines under § 10.080(D)(9); Auditors under § 10.080(D)(10); Security under § 10.080(D)(11); Computers under § 10.080(D)(12); Personal Access Codes under § 10.080(D)(13); Personal Information under § 10.080(D)(14); Insurance Information under § 10.080(D)(15); Rail, Bus, or Facilities Safety and Accidents under § 10.080(D)(16) or Protected by Law under § 10.080(D)(17).

8:42 a.m. Pursuant to the requirements of Section 10.080 (D) (1), (15), and (16) of the Bi-State Development Board Policy, Chapter 10, Section 10.080, Chair Gully requested a motion to allow the Committee to go into closed session. A motion to go into Executive Session was made by Commissioner Schoemehl and seconded by Commissioner Gully. A roll call vote was taken and the Commissioners present, Gully and Schoemehl voted to approve this agenda item. Motion passed unanimously, and the Open Session meeting was adjourned at 8:42 a.m.

Deputy Secretary to the Board of Commissioners

Bi-State Development

From:	Dianne Williams, Vice President Communications and Marketing						
Subject:	Contract Modification: Werremeyer, Inc.						
	for Development and Implementation of Marketing Activities						
<b>Disposition:</b>	Approval/Referral						
Presentation	: Ted Zimmerman, Director of Marketing; Larry B. Jackson, Executive Vice						
	President of Administration						

#### **Objective**:

To present to the Audit, Finance & Administration Committee for discussion and referral to the Board of Commissioners a request for authorization to modify Werremeyer, Inc. contract for a not to exceed amount of \$2,000,000.00 for five years inclusive options years, to provide a full-service marketing and creative agency that will assist in the development and implementation of marketing activities for Bi-State Development's (**BSD**) emerging enterprises.

#### **Board Policy:**

Board Policy, Chapter 50 – Purchasing, Section 50.010 Procurement and Contract Administration, states:

E. Award Authority

1. The Board of Commissioners shall approve the following procurements:

- a. Competitive negotiation procurements which exceed \$500,000.00.
- d. Procurements which exceed the amounts budgeted or otherwise approved by the Board of Commissioners for such project, function or service.

#### **Funding Source:**

Funding is provided through Bi-State Development Operating Budget.

#### **Background:**

On July 7, 2016, Bi-State Development procured services from Werremeyer, Inc. to provide a fullservice marketing and creative agency that will assist in the development and implementation of marketing activities for its emerging enterprises. The enterprises included in the scope of work were:

- Bi-State Development
- Bi-State Development Research Institute
- St. Louis Downtown Airport
- St. Louis Regional Freightway

# Analysis:

The services are needed to provide full-service marketing to assist in the development and implementation of services for BSD and its emerging enterprises.

Over the term of the contract, it has been found that there was not sufficient funds originally added to effectively meet these requirements. A similar contract was awarded to Pavlov for marketing

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activities for the Metro enterprise in the amount of \$1,200,000 for three base years and \$800,000 for two option years. The total contract amount is \$2,000,000. Werremeyer's contract should mirror that of Pavlov. There are sufficient funds in the marketing budget to modify the contract.

# **Committee Action Requested:**

Management recommends that the Audit, Finance & Administration Committee discuss and forward to the Board of Commissioners for approval this request to modify Werremeyer's contract for development and implementation of marketing activities for BSD and it's emerging enterprises for a not to exceed amount of \$2,000,000.00 for five years inclusive of option years, and award monetary and administrative contract modification as needed.

From:	James J. Cali, CPA
	Director of Internal Audit
Subject:	Internal Audit Status Report-4 <sup>th</sup> Quarter-FY2017
	Briefing Paper No. 17-26
<b>Disposition:</b>	Information
Presentation	James J. Cali, Director of Internal Audit

# **Objective**

To present to the Audit, Finance and Administration Committee the Internal Audit Department's (IAD) Status Report for the 4<sup>th</sup> Quarter Fiscal Year 2017.

#### **Board Policy:**

*Board Policy Chapter 30 Audit, Finance and Budget, Section 30.005 Audit Committee Charter, A. GENERAL* states:

The purpose of the Audit Charter is to assist the Board of Commissioners, through its Audit Committee, in fulfilling its fiduciary oversight responsibilities as follows:

The IAD Policies and Procedures Manual, Internal Audit Charter, dated May 22, 2015, and signed by the Chair of the Board of Commissioners, the Audit Committee Chair, the President and CEO, and the Director of Internal Audit states in Section 1.1-Responsibility that the IAD had the responsibility to:

- Develop a flexible Annual Audit Plan using an appropriate risk-based methodology, including any risks or control concerns identified by Management, and submit that plan to the Audit Committee for review and approval as well as periodic updates.
- Implement the Annual Audit Plan, as approved, including as appropriate any special tasks or projects requested by Management and the Audit Committee.
- Maintain a professional audit staff with sufficient knowledge, skills, experience, and professional certifications to meet the requirements of this Charter.
- Evaluate and assess significant functions and new or changing services, processes, operations, and control processes during development, implementation, and/or expansion phases.
- Issue periodic reports to the Audit Committee and Management summarizing results of audit activities.
- Keep the Audit Committee informed of emerging trends and successful practices in internal auditing.
- Provide a list of significant measurement goals and results to the Audit Committee.
- Assist in the investigation of significant suspected fraudulent activities within the organization and notify Management and the Audit Committee of the results.

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- Consider the scope of work of the external auditors and regulators, as appropriate, for the purpose of providing optimal audit coverage to the organization at a reasonable overall cost.
- Include any assignments given by the Audit Committee or the Board as a whole.

#### **Funding Source:**

Funding is provided through the Internal Audit operating budget.

#### **Background:**

The Internal Audit Status Report provides the Board of Commissioners, the Audit Finance and Administration Committee members and Senior Management with a summary of the IAD's quarterly activity pertaining to the Annual Audit Plan.

In addition to tracking the status of current audits and special projects, this report also highlights the follow-up activity related to the implementation of recommendations from prior audits.

During the 4th Quarter, BKD, the firm that was engaged to perform a review of the Agency's self-funded medical, dental and pharmacy plans for employees, dependents, and retirees, completed their review. Also, during the month of May, Kailey Braddy, IAD's college summer intern, completed her Bachelor's Degree in Accounting, and she will continue with her Master's Degree in Accounting in August.

#### **Committee Action Requested:**

This material is presented for information only; therefore, no action is required of the Audit, Finance & Administration Committee.

#### **Attachments:**

- 1. Internal Audit Status Report 4<sup>th</sup> Quarter FY2017
- 2. Internal Audit Status Report Special Projects 4<sup>th</sup> Quarter FY2017

FY 2017 - Audit Plan	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
Audit Follow - Up	July 2016		Ongoing	107.10%	420.00	402.00	47.80	449.80	(29.80)
Quarterly IAD Status Report	July 2016		Ongoing	23.02%	240.00	52.25	3.00	55.25	184.75
Quarterly Treasury Safekeeping Audit	July 2016		Ongoing	33.96%	240.00	62.50	19.00	81.50	158.50
Smart Card - Passenger Revenue Testing of Internal Controls	March 2015		In Progress	51.84%	800.00	409.25	5.50	414.75	385.25
Fuel Inventory Audit	March 2015	January 2016	Complete	100.00%	400.00	325.50	0.00	325.50	74.50
ADA Compliance Audit	March 2015		On Hold	0.00%	80.00	0.00	0.00	0.00	80.00
Gateway Arch Financial Audit				0.00%	120.00	0.00	0.00	0.00	120.00
Riverboats Financial Audit				0.00%	88.00	0.00	0.00	0.00	88.00
Armored Car Service Contract Audit	January 2016	October 2016	Complete	100.00%	176.00	116.25	0.00	116.25	59.75
Passenger Revenue Hand Sales Audit	June 2016	October 2016	Complete	100.00%	240.00	194.50	0.00	194.50	45.50
RFP Legal Services	July 2015	December 2016	Complete	100.00%	100.00	51.00	0.00	51.00	49.00
Health Insurance Claims Audit	May 2016		In Progress	51.61%	1,800.00	762.50	166.50	929.00	871.00
ID Badge Access Audit	February 2016	May 2016	Complete	100.00%	600.00	348.75	0.00	348.75	251.25
Bus Shelter Cost Reconstruction Audit	March 2016	February 2017	Complete	100.00%	176.00	190.25	0.00	190.25	(14.25)
Su	ibtotal Audit	Hours	·		8,388.00	4,390.35	241.80	4,632.15	3,755.85

FY 2017 - Audit Plan	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
MetroRide Store Financial Audit	January 2016	October 2016	Complete	100.00%	360.00	262.80	0.00	262.80	97.20
FTA Required - Drug and Alcohol Testing (Safety)	July 2016	October 2016	Complete	100.00%	360.00	355.25	0.00	355.25	4.75
FTA Required - Security Incident Investigation (Security)	June 2016	October 2016	Complete	100.00%	176.00	126.60	0.00	126.60	49.40
FTA Required - Security Data Analysis (Security)	July 2016	February 2017	Complete	59.66%	176.00	102.00	3.00	105.00	71.00
Accounts Payable/Vendor Payment Audit	September 2016	June 2017	Complete	92.29%	600.00	401.50	152.25	553.75	46.25
Eads Bridge Construction Audit	October 2016		In Progress	36.38%	600.00	136.00	82.25	218.25	381.75
Drug and Alcohol Program Testing Audit	November 2016	June 2017	Complete	62.63%	600.00	375.75	0.00	375.75	224.25
On-Call Bi-State Research Institute Consulting Services	December 2016		In Progress	113.13%	80.00	73.00	17.50	90.50	(10.50)
FTA - Required Safety and Security Certfication Audit (Safety)	March 2017		In Progress	15.24%	360.00	39.75	15.10	54.85	305.15
Payroll Hours of Service Audit	March 2017		In Progress	83.56%	360.00	8.00	292.80	300.80	59.20
Shaw Park Garage Audit	December 2016	May 2017	Complete	9.06%	80.00	7.25	0.00	7.25	72.75
Accounts Receivables Audit	May 2017		In Progress	20.15%	600.00	0.00	120.90	120.90	479.10
Procurement Card Audit	May 2017		In Progress	19.03%	720.00	0.00	137.00	137.00	583.00
SSO - Threat and Vulnerability Assessment (Security Audit)	May 2017		In Progress	48.08%	208.00	0.00	100.00	100.00	108.00
Grand Total A	Grand Total Annual Audit Plan				14,028.00	6,458.25	1,162.60	7,620.85	6,407.15

FY 2017 - Audit Plan Summary On-Call Contract Audit Hours	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
Health Insurance Claims Audit	March 2016		In Progress	60.71%	1,400.00	692.00	158.00	850.00	550.00
Total On-Call Contract Audit Hours					1,400.00	692.00	158.00	850.00	550.00

FY 2017 - Audit Plan Special Projects	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
Accounting Department Assistance			Ongoing			1.00	0.00	1.00	
AP Continuous Monitoring			Ongoing			0.00	0.00	0.00	
Auditor Recruitment / Intern Recruitment			Ongoing			0.75	13.50	14.25	
Board Meeting / Audit Committee Meeting Preparations			Ongoing			188.75	71.00	259.75	
CEO Meetings			Ongoing			14.25	0.00	14.25	
DBE Application Review			Ongoing			64.00	0.00	64.00	
Ethics Point (Fraud Hotline)			Ongoing			6.25	0.00	6.25	
Freedom of Information Act			Ongoing			0.00	0.00	0.00	
IAD Audit Research / Reading			Ongoing			72.75	51.50	124.25	
IAD Oracle Procard Procurement			Ongoing			22.75	2.75	25.50	
Records Retention			Ongoing			178.00	33.50	211.50	
Training & Professional Development			Ongoing			369.25	37.75	407.00	
Treasury Department Assistance			Ongoing			0.00	5.50	5.50	
Casualty and Workers Compensation Internal Service Fund Implementation Assistance			In Progress			0.00	0.00	0.00	
CEO Special Request - Self Insurance Internal Service Fund			In Progress			34.50	0.00	34.50	
Subtota	l Special Proj	ects Hours			0.00	952.25	215.50	1,167.75	0.00

FY 2017 - Audit Plan Special Projects	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
EEO Investigation	January 2016		Ongoing			0.00	0.00	0.00	
Total Special Projects Hours						952.25	215.50	1,167.75	0.00

From:	James J. Cali, CPA
	Director of Internal Audit
Subject:	Internal Audit Follow-Up Summary – 4th Quarter FY2017
	Briefing Paper No. 17-25
<b>Disposition:</b>	Information
Presentation	James J. Cali, Director of Internal Audit

# **Objective:**

To present to the Audit, Finance & Administration Committee the Internal Audit Department's (**IAD's**) follow-up findings regarding the status of prior recommendations during the 4th Quarter FY2017.

#### **Board Policy:**

*Board Policy Chapter 30 Audit, Finance and Budget, Section 30.005 Audit Committee Charter, A. GENERAL (revised 9/23/11),* states: The purpose of the Audit Charter is to assist the Board of Commissioners, through its Audit Committee, in fulfilling its fiduciary oversight responsibilities as follows:

(3) Internal Audit Process

- Review with Management and the Director of Internal Audit:
  - a. Significant findings on internal audits during the year and Management's responses thereto.

f. The Internal Audit Department's compliance with applicable standards (for example, *Government Auditing Standards*, or the Institute of Internal Auditors' (**IIA's**) Standards for the Professional Practice of Internal Auditing).

In addition, the IAD Policies and Procedures Manual, effective May 22, 2015, in Section 2.9-Report Follow-Up, Status Reports 2 states:

The Director of Internal Audit shall schedule follow-up reviews as necessary to determine compliance. One of our primary responsibilities as professional auditors is determining that the auditee takes corrective action on recommendations. This applies in all cases except where "Management or the Board has assumed the risk of not taking corrective action on reported findings."

#### **Funding Source:**

Funding is provided through the Internal Audit operating budget.

Audit, Finance and Administration Committee Internal Audit Follow-Up Summary – 4th Quarter FY2017 August 25, 2017 Page 2

# **Background:**

The Standards for the Professional Practice of Internal Auditing, Standard 2500 – Monitoring Process, states that, "The Chief Audit Executive should establish and maintain a system to monitor the disposition of audit results communicated to management." To ensure compliance with this standard, Internal Audit regularly monitors the status of recommendations.

The Audit Follow-Up Summary Report is a comprehensive overview highlighting the current implementation status of recommendations issued in prior audit reports. Each recommendation has been reviewed and its status has been classified as follows:

- **Completed** The recommendation has been implemented.
- **Outstanding** The recommendation has not yet been implemented, and/or the implementation date has not occurred yet.
- **Overdue** The recommendation remains outstanding past the established implementation date.

The report should be used to determine the timeliness and the completeness of the implementation of corrective action. Management should place specific focus on those recommendations that are determined to be overdue.

## Analysis:

Not applicable.

#### **Committee Action Requested:**

This material is presented for information only; therefore, no action is required of the Audit, Finance & Administration Committee.

Audit, Finance and Administration Committee Internal Audit Follow-Up Summary – 4th Quarter FY2017 August 25, 2017 Page 3

Report Name	Number of Recommendations	Completed	Outstanding – Not Overdue	Overdue
Drug and Alcohol Program Testing Audit - FY2017	11	2	9	0
Accounts Payable/Vendor Payment Audit	4	1	3	0
ID Badge Access Audit	19	15	4	0
American Express Card Audit	6	6	0	0
Fuel Inventory Audit	6	4	2	0
Time and Attendance Including FMLA Audit	11	11	0	0
SSO-Security Training and Certification Audit	6	6	0	0
Procurement Card Program Audit	10	10	0	0
Staples Procurement Card Program Audit	10	10	0	0
Armored Car Contract Audit	1	1	0	0
MetroStore Financial Audit	5	5	0	0
Passenger Revenue-Special Event Hand Sales Audit	7	7	0	0
SSO-Security Incident Investigation Audit	2	2	0	0
SSO-Drug & Alcohol Testing Audit	15	12	3	0

# Fourth Quarter-FY2017 Audit Follow-Up Executive Summary

Audit, Finance and Administration Committee Internal Audit Follow-Up Summary – 4th Quarter FY2017 August 25, 2017 Page 4

# **COMPLETED FOLLOW-UP AUDIT REPORTS:**

- 1. Armored Car Contract Audit Closed 2<sup>nd</sup> Quarter-FY2017
- 2. Staples Procurement Card Program Closed 2<sup>nd</sup> Quarter-FY2017
- 3. Time and Attendance, Including FMLA Audit Closed 2<sup>nd</sup> Quarter-FY2017
- 4. American Express Card Audit Closed 4th Quarter FY2017
- 5. SSO-Security Training and Certification Audit Closed 4th Quarter FY2017
- 6. Procurement Card Program Audit Closed 4th Quarter FY2017
- 7. Passenger Revenue Special Event Hand Sales Audit Closed 4th Quarter FY2017
- 8. SSO-Security Incident Investigation Audit Closed 4th Quarter FY2017
- 9. MetroStore Financial Audit Closed 4th Quarter FY2017

From:	James J. Cali, CPA							
	Director of Internal Audit							
Subject:	Treasury-Safekeeping Quarterly Accounts Audit–Ending March 31, 2017							
	Briefing Paper No. 17-24							
<b>Disposition:</b>	Information							
Presentation	Presentation: James J. Cali, Director of Internal Audit							

# **Objective:**

To provide the Audit, Finance and Administration Committee with the results of the Treasury - Safekeeping Quarterly Accounts Audit, ending March 31, 2017.

# **Board Policy:**

Board Policy Chapter 30 Audit, Finance and Budget, Section 30.040 Banking and Investment *E.1. states:* 

"Securities purchased are delivered against payment and held in a custodian safekeeping account. Tri-party custodian agreements maintained with third party trust companies as well as the Federal Reserve Bank are acceptable. Hold-In-Custody repurchase agreements for fourteen days or less will be processed through special transaction accounts. These accounts will be audited quarterly by Internal Audit and the results reported through the Treasurer to the Board of Commissioners."

# **Funding Source:**

Funding is provided through the Internal Audit operating budget.

# **Background:**

In accordance with the FY2017 Internal Audit Plan and the requirements of the Board Policy, the Internal Audit Department (IAD) performed a quarterly audit of the Treasury Safekeeping Accounts.

IAD reviewed the Treasurer's Report, as of March 31, 2017, to identify the securities classified under the Safekeeping Accounts criteria. Each bank custodian, where the Safekeeping Accounts are held, was contacted to verify the existence of the Securities and to confirm the account balances.

For financial statements issued after June 15, 2015, the Government Accounting Standards Board (GASB) Statement No. 72 *Fair Value Measurement and Application* requires investments to be measured at fair value. GASB defines fair value to be 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.

Audit, Finance & Administration Committee Treasury - Safekeeping Quarterly Accounts Audit-Ending March 31, 2017 August 25, 2017 Page 2

## Analysis:

In applying the new GASB Statement No. 72 *Fair Value Measurement and Application*, IAD performed an examination of each bank/safekeeping custodian's account confirmations as compared with the fair values for each investment presented in the Treasurer's Report dated March 31, 2017.

At March 31, 2017, we had approximately \$82 million in US Treasury and Government Agency securities. Sales tax capital represents \$73.2 million, Self-Insurance funds consist of approximately \$4.8 million, and the remaining securities represent \$3.4 million in internally restricted funds. This quarter included an added investment called, "Tower Lease," which adds an additional \$995,796 to Treasury – Safekeeping Government Securities.

# **Conclusion:**

IAD has determined that the Safekeeping Accounts exist, and the respective balances have been fairly presented. A summary of our findings is presented in the attached table.

# **Committee Action Requested:**

This material is presented for information only; therefore, no action is required of the Audit, Finance & Administration Committee.

#### **Attachment:**

1. Safekeeping Quarterly Accounts Audit – Ending March 31, 2017.

# Internal Audit Department INDEPENDENT VERIFICATION for SAFEKEEPING ACCOUNTS March 31, 2017

ATTACHMENT

The Treasurer's Report as of March 31, 2017 indicates the following U.S. Securities held in Agency Safekeeping Accounts:										
Issuer-Investment (Bank Safekeeping Agent)	Treasurer's Report Balance Stated At Market Value	Confirmed Balance Per Bank Agent Stated At Fair Value	Variance	Description/Disposition						
Farm Credit Bank (Bank of America)	\$30,931,691.00	\$30,931,690.50	-\$0.50							
Federal Home Loan (Bank of America)	\$35,240,864.00	\$35,240,864.00	\$0.00							
U.S. Treasury Bills (Bank of America)	\$16,335,334.00	\$16,335,334.00	\$0.00							
U.S. Treasury Bills (Jefferson Bank & Trust)	\$2,385,578.00	\$2,405,000.00	\$19,422.00	Treasurer's report is at market value and the bank confirmation is at par value.						
Total	\$84,893,467.00	\$84,912,888.50	\$19,421.50							

**GASB No. 72** = For financial statements issued after June 15, 2015, the Government Accounting Standards Board **(GASB)** Statement No. 72 *Fair Value Measurement and Application* requires investments measured at fair value. GASB defines fair value to be 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.

From:	James J. Cali, CPA
	Director of Internal Audit
Subject:	Treasury-Safekeeping Quarterly Accounts Audit–Ending June 30, 2017
	Briefing Paper No. 17- 30
<b>Disposition:</b>	Information
Presentation	: James J. Cali, Director of Internal Audit

# **Objective:**

To provide the Audit, Finance and Administration Committee with the results of the Treasury - Safekeeping Quarterly Accounts Audit, ending June 30, 2017.

# **Board Policy:**

Board Policy Chapter 30 Audit, Finance and Budget, Section 30.040 Banking and Investment *E.1. states:* 

"Securities purchased are delivered against payment and held in a custodian safekeeping account. Tri-party custodian agreements maintained with third party trust companies as well as the Federal Reserve Bank are acceptable. Hold-In-Custody repurchase agreements for fourteen days or less will be processed through special transaction accounts. These accounts will be audited quarterly by Internal Audit and the results reported through the Treasurer to the Board of Commissioners."

# **Funding Source:**

Funding is provided through the Internal Audit operating budget.

# **Background:**

In accordance with the FY2017 Internal Audit Plan and the requirements of the Board Policy, the Internal Audit Department (IAD) performed a quarterly audit of the Treasury Safekeeping Accounts.

IAD reviewed the Treasurer's Report, as of June 30, 2017, to identify the securities classified under the Safekeeping Accounts criteria. Each bank custodian, where the Safekeeping Accounts are held, was contacted to verify the existence of the Securities and to confirm the account balances.

For financial statements issued after June 15, 2015, the Government Accounting Standards Board (GASB) Statement No. 72 *Fair Value Measurement and Application* requires investments to be measured at fair value. GASB defines fair value to be 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.

Audit, Finance & Administration Committee Treasury - Safekeeping Quarterly Accounts Audit-Ending June 30, 2017 August 25, 2017 Page 2

## Analysis:

In applying the new GASB Statement No. 72 *Fair Value Measurement and Application*, IAD performed an examination of each bank/safekeeping custodian's account confirmations as compared with the fair values for each investment presented in the Treasurer's Report dated June 30, 2017.

At June 30, 2017, we had approximately \$66.5 million in US Treasury and Government Agency securities. Sales tax capital represents \$61.2 million, Self-Insurance funds consist of approximately \$2.3 million, and the remaining securities represent \$1.9 million in internally restricted funds. This quarter included an added investment called, "Tower Lease," which adds an additional \$995,796 to Treasury – Safekeeping Government Securities.

# **Conclusion:**

IAD has determined that the Safekeeping Accounts exist, and the respective balances have been fairly presented. A summary of our findings is presented in the attached table.

# **Committee Action Requested:**

This material is presented for information only; therefore, no action is required of the Audit, Finance & Administration Committee.

#### Attachment:

1. Safekeeping Quarterly Accounts Audit – Ending June 30, 2017.

# Internal Audit Department INDEPENDENT VERIFICATION for SAFEKEEPING ACCOUNTS June 30, 2017

ATTACHMENT

The Treasurer's Report	as of June 30, 2017 indi	cates the following U. S. S	ecurities held in Agenc	y Safekeeping Accounts:
Issuer-Investment (Bank Safekeeping Agent)	Treasurer's Report Balance Stated At Market Value	Confirmed Balance Per Bank Agent Stated At Fair Value	Variance	Description/Disposition
Farm Credit Bank (Bank of America)	\$25,413,118.00	\$25,413,117.50	-\$0.50	
Federal Home Loan (Bank of America)	\$26,762,139.00	\$26,762,138.00	-\$1.00	
U.S. Treasury Bills (Bank of America)	\$11,971,551.00	\$11,971,551.00	\$0.00	
U.S. Treasury Bills (Jefferson Bank & Trust)	\$2,370,013.00	\$2,405,000.00	\$34,987.00	The Treasurer's report is stated at Market Value. The Confirmation is stated at Par Value.
Total	\$66,516,821.00	\$66,551,806.50	\$34,985.50	

**GASB No. 72** = For financial statements issued after June 15, 2015, the Government Accounting Standards Board **(GASB)** Statement No. 72 *Fair Value Measurement and Application* requires investments measured at fair value. GASB defines fair value to be 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.

# **2017 QUARTERLY FINANCIAL** STATEMENTS

Fourth Quarter Ending June 30, 2017





To: John M. Nations President and Chief Executive Officer

Horn

From: Kathy S. Klevorn Senior Vice President Finance and CFO

Date: August 1, 2017

Subject: Bi-State Development Financial Statements – June 2017

Enclosed is the financial statement package for June 30, 2017. Results, including the analysis and financial position, are provided by operating unit. These results are *unaudited* and subject to change. The financial statements presented are not prepared in conformity with U.S. Generally Accepted Accounting Principles (U.S. GAAP). A U.S. GAAP presentation would include, among other things, revenue and expenses identified as operating or non-operating and segregated accordingly, depreciation shown as an operating expense; full disclosure of all material financial and non-financial events with accompanying footnote disclosures; and a Management Discussion and Analysis (MD&A) section.

A summary of all Bi-State Development (BSD) business divisions and the self-insurance divisions indicate that the combined entity has assets of \$1.41 billion and Loss before Depreciation of \$3.9 million for the twelve months ending June 30, 2017. When analyzing BSD's financial position, the primary focus is on Income before Depreciation. The majority of the capital program is funded through Federal grants - not profits from operations; therefore, depreciation is not funded. Net Loss after Depreciation is \$80.2 million. The BSD combined financials are reflected on pages 3-5.

A combining schedule of all business divisions can be viewed on pages 6-8. Within the complete package, each Bi-State Development entity has a comprehensive financial section including Financial Highlights, Statement of Financial Position, Statement of Activities, Detail Schedule of Wages and Benefits, Cash Receipts and Disbursement Schedule, Statement of Cash Flows, and Capital Expenditures for active projects as applicable. These sections are designed to give the reader a comprehensive understanding of the financial operation of each entity.

Table 1 below summarizes BSD Combined Income (Loss) before Depreciation by entity. For the twelve months ended June 30, 2017, BSD has Loss before Depreciation of \$3.9 million compared to a budget of \$0.3 million for a negative variance of \$4.2 million. Metro represents most of BSD's loss before depreciation.

	Year-to-Date										
		Actual		Budget	Budget Prior Year		\$ Var Bgt			Var Prior Yr	
Enterprise Funds											
Executive Services	\$	248,464	\$	251,191	\$	320,572	\$	(2,727)	\$	(72,108)	
Gateway Arch Tram		(562,677)		2,129,477		2,399,823		(2,692,154)		(2,962,500)	
Metro		(2,924,869)		(1,835,444)		6,529,657		(1,089,425)		(9,454,526)	
St. Louis Downtown Airport		(240,003)		(122,720)		(188,991)		(117,283)		(51,012)	
Riverfront Attractions		343,840		95,267		112,980		248,573		230,860	
St. Louis Regional Freightway		(497,543)		(636,380)		(223,461)		138,837		(274,082)	
BSD Research Institute		116,424		(53,329)		39,409		169,753		77,015	
Arts In Transit, Inc.		39,121		850		20,313		38,271		18,808	
Total Enterprise Funds	\$	(3,477,243)	\$	(171,088)	\$	9,010,302	\$	(3,306,155)	\$	(12,487,545)	
Self-Insurance Funds											
Health		(1,641,635)		467,044		(57,554)		(2,108,679)		(1,584,081)	
Casualty		845,374		-		-		845,374		845,374	
Workers' Compensation		414,883		-		-		414,883		414,883	
Total Self-Insurance Funds	\$	(381,378)	\$	467,044	\$	(57,554)	\$	(848,422)	\$	(323,824)	
Total Government Wide	\$	(3,858,621)	\$	295,956	\$	8,952,748	\$	(4,154,577)	\$	(12,811,369)	

 Table 1

 BSD Combined Net Income (Loss) before Depreciation

Table 2 takes into account the impact of depreciation on the financial position of all enterprises resulting in a cumulative \$80.2 million loss.

			Y	ear-to-Date		
	 Actual	Budget		Prior Year	\$ Var Bgt	\$ Var Prior Yr
Enterprise Funds						
Executive Services	\$ 247,781	\$ 249,250	\$	318,635	\$ (1,469)	\$ (70,854)
Gateway Arch Tram	(821,873)	1,977,603		2,325,402	(2,799,476)	(3,147,275)
Metro	(78,158,955)	(75,231,897)		(65,530,134)	(2,927,058)	(12,628,821)
St. Louis Downtown Airport	(1,718,458)	(1,685,097)		(1,746,937)	(33,361)	28,479
Riverfront Attractions	85,534	(220,145)		(220,328)	305,679	305,862
St. Louis Regional Freightway	(497,543)	(636,380)		(223,461)	138,837	(274,082)
BSD Research Institute	116,424	(53,329)		39,409	169,753	77,015
Arts In Transit, Inc.	39,121	850		20,313	38,271	18,808
Total Enterprise Funds	\$ (80,707,969)	\$ (75,599,145)	\$	(65,017,101)	\$ (5,108,824)	\$ (15,690,868)
Self-Insurance Funds						
Health	(1,641,635)	467,044		(57,554)	(2,108,679)	(1,584,081)
Casualty	1,419,317	-		-	1,419,317	1,419,317
Workers' Compensation	777,117	-		-	777,117	777,117
Total Self-Insurance Funds	\$ 554,799	\$ 467,044	\$	(57,554)	\$ 87,755	\$ 612,353
Total Government Wide	\$ (80,153,170)	\$ (75,132,101)	\$	(65,074,655)	\$ (5,021,069)	\$ (15,078,515)

 Table 2

 BSD Combined Net Income (Loss)

The Finance Division is available for any questions concerning the June 30, 2017 financial report.

Thank you.

# COMBINING FINANCIALS





BSD Combined Statement of Financial Position	3
BSD Combined Statement of Activities	5



## Bi-State Development Agency of the Missouri-Illinois Metropolitan District Bi-State Development Combined Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Business Divisions Total	Self-Insurance Divisions Total	Total	Eliminations	Bi-State Development Combined Total
Assets				·	
Current assets					
Cash	\$ 117,445,751	\$ 12,708,338	\$ 130,154,089	\$ -	\$ 130,154,089
Investments	112,077,988	-	112,077,988	-	112,077,988
Accounts and notes receivable	3,056,634	39,361	3,095,995	-	3,095,995
Interfund accounts receivable	-	7,535,081	7,535,081	(7,535,081)	-
Restricted accounts receivable	689,092	-	689,092	-	689,092
Federal, state and local					
assistance receivable	33,247,464	-	33,247,464	-	33,247,464
Materials and supplies inventory	9,599,894	-	9,599,894	-	9,599,894
Other current assets	1,565,000	-	1,565,000		1,565,000
Total current assets	277,681,823	20,282,780	297,964,603	(7,535,081)	290,429,522
Capital assets					
Capital assets - motorbus	378,377,407	-	378,377,407	-	378,377,407
Capital assets - paratransit	19,858,405	-	19,858,405	-	19,858,405
Capital assets - lightrail	1,609,279,642	-	1,609,279,642	-	1,609,279,642
Capital assets	71,181,880	-	71,181,880	-	71,181,880
Total capital assets	2,078,697,334	-	2,078,697,334	-	2,078,697,334
Accumulated depreciation	(1,219,594,578)		(1,219,594,578)		(1,219,594,578)
Total capital assets, net	859,102,756	-	859,102,756	-	859,102,756
Land	101,741,850	-	101,741,850	-	101,741,850
Construction-in-process	47,213,417		47,213,417		47,213,417
Total capital assets	1,008,058,023	-	1,008,058,023	-	1,008,058,023
Non-current assets					
Restricted investments	104,014,934	-	104,014,934	-	104,014,934
Deferred charges	3,916	-	3,916	-	3,916
Other non-current assets, net amort	155,086		155,086		155,086
Total non-current assets	104,173,936		104,173,936		104,173,936
Total assets	1,389,913,782	20,282,780	1,410,196,562	(7,535,081)	1,402,661,481
Deferred outflow of resources					
Deferred pension loss	17,795,560	-	17,795,560	-	17,795,560
Deferred pension expense	2,165,753	-	2,165,753	-	2,165,753
Deferred loss on hedging instruments	550,771	-	550,771	-	550,771
Deferred loss on debt refunding	2,790,674		2,790,674		2,790,674
Total deferred outflow of resources	23,302,758	-	23,302,758		23,302,758
Total	\$ 1,413,216,540	\$ 20,282,780	\$ 1,433,499,320	\$ (7,535,081)	\$ 1,425,964,239

## Bi-State Development Agency of the Missouri-Illinois Metropolitan District Bi-State Development Combined Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Business Divisions Total	Self-Insurance Divisions Total	Total	Eliminations	Bi-\$	State Development Combined Total
Liabilities						
Current liabilities						
Accounts payable	\$ 4,673,680	\$ -	\$ 4,673,680	\$ -	\$	4,673,680
Interfund accounts payable	5,541,163	1,993,918	7,535,081	(7,535,081)		-
Accrued expenses	19,582,682	110,199	19,692,881	-		19,692,881
Other current liabilities	 21,454,106	 -	 21,454,106	 -		21,454,106
Total current liabilities	51,251,631	 2,104,117	 53,355,748	 (7,535,081)		45,820,667
Current liab payable from restricted assets						
Accounts payable and retention	2,104,712	-	2,104,712	-		2,104,712
Accrued interest payable	5,265,450	-	5,265,450	-		5,265,450
Short-term self-insurance	140,487	7,296,054	7,436,541	-		7,436,541
Medical self-insurance liability	-	2,255,254	2,255,254	-		2,255,254
Current portion of long-term debt	8,428,468	-	8,428,468	-		8,428,468
Total current liabilities payable						
from restricted assets	15,939,117	9,551,308	25,490,425	-		25,490,425
Total current liabilities	67,190,748	 11,655,425	 78,846,173	 (7,535,081)		71,311,092
Non-current liabilities						
Other post-employment benefits	51,068,332	(7,885)	51,060,447	-		51,060,447
Long-term self-insurance	356,118	7,660,946	8,017,064	-		8,017,064
Long-term debt	542,353,795	-	542,353,795	-		542,353,795
Capital lease obligations	104,014,936	-	104,014,936	-		104,014,936
Unfunded pension liabilities	111,635,744	477,049	112,112,793	-		112,112,793
Other non-current liabilities	6,315,597	-	6,315,597	-		6,315,597
Total non-current liabilities	815,744,522	8,130,110	823,874,632	-		823,874,632
Total liabilities	882,935,270	19,785,535	902,720,805	(7,535,081)		895,185,724
Deferred pension gain salaried	295,539	-	295,539	-		295,539
Total deferred inflow of resources	 295,539	 -	295,539	 -		295,539
Net Position						
Net position - capital investments	524,329,999	-	524,329,999	-		524,329,999
Net position	86,363,701	(57,554)	86,306,147	-		86,306,147
Net income (loss)	(80,707,969)	554,799	(80,153,170)	-		(80,153,170)
Total net position	529,985,731	 497,245	530,482,976	 -		530,482,976
Total	\$ 1,413,216,540	\$ 20,282,780	\$ 1,433,499,320	\$ (7,535,081)	\$	1,425,964,239

#### Bi-State Development Agency of the Missouri-Illinois Metropolitan District Bi-State Development Combined Statement of Activities For the Twelve Months Ended June 30, 2017 (unaudited)

	 Business Divisions Total	 Self-Insurance Divisions Total	 Total	 Eliminations	Bi	-State Development Combined Total
Revenue						
Passenger and service revenues	\$ 53,888,719	\$ -	\$ 53,888,719	\$ -	\$	53,888,719
Partnership fees	175,000	-	175,000	-		175,000
City of St. Louis	34,307,042	-	34,307,042	-		34,307,042
St. Louis County	122,753,855	-	122,753,855	-		122,753,855
St. Clair County Transit District	53,535,007	-	53,535,007	-		53,535,007
State of Missouri and Illinois	944,245	-	944,245	-		944,245
Federal funding	18,505,637	-	18,505,637	-		18,505,637
Other local/regional funding	405,474	-	405,474	-		405,474
Contributions	259,936	-	259,936	-		259,936
Advertising, maint services, rental income	8,179,049	-	8,179,049	-		8,179,049
Interest income	8,031,245	17,590	8,048,835	-		8,048,835
Other operating revenue	280,956	-	280,956	-		280,956
Charges for services	-	40,953,357	40,953,357	(34,258,259)		6,695,098
Total revenue	 301,266,165	 40,970,947	 342,237,112	 (34,258,259)		307,978,853
Expense						
Wages and benefits	193,098,305	1,632,527	194,730,832	-		194,730,832
Services	29,489,119	625,997	30,115,116	-		30,115,116
Fuel and lube consumed	10,955,878		10,955,878			10,955,878
Materials and supplies	23,125,273	22,434	23,147,707	-		23,147,707
Utilities	7,524,915	5,258	7,530,173			7,530,173
Casualty and liability costs	8,568,839	1,486,596	10,055,435	-		10,055,435
Other expenses	4,606,211	95,408	4,701,619	-		4,701,619
Interest expense	25,418,744	-	25,418,744			25,418,744
Contribution to outside entities	1,615,152	-	1,615,152	-		1,615,152
Other non-operating expense	340,972	18,406	359,378	-		359,378
Claims paid and insurance administrative costs		37,465,699	37,465,699	(34,258,259)		3,207,440
Total expense	 304,743,408	 41,352,325	 346,095,733	 (34,258,259)		311,837,474
Income (loss) before depreciation	(3,477,243)	(381,378)	(3,858,621)	-		(3,858,621)
Depreciation and amortization expense	 76,294,549	 	 76,294,549	 		76,294,549
Net income (loss) before transfers	(79,771,792)	(381,378)	(80,153,170)	-		(80,153,170)
Net transfers in (out)	 (936,177)	 936,177	 	 -		
Net income (loss)	\$ (80,707,969)	\$ 554,799	\$ (80,153,170)	\$ 	\$	(80,153,170)





# Bi-State Development Agency of the Missouri-Illinois Metropolitan District Business Divisions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Executive Services	Gateway Arch Tram	Riverfront Attractions	St. Louis Downtown Airport	Metro	St. Louis Regional Freightway	Bi-State Development Research Inst.	Arts In Transit, Inc.	Totals	Interfund Eliminations	Totals After Eliminations
Assets			71111001010								
Current assets											
Cash	\$ 5,822,264	\$ 13,124,872	\$ 34,659	\$ 535,460	\$ 97,557,958	\$ 82,638	\$ 226,205	\$ 61,695	\$ 117,445,751	\$-	\$ 117,445,751
Investments	-	-	-	-	112,077,988	-	-	-	112,077,988	-	112,077,988
Accounts and notes receivable	75,369	107,602	16,327	72,649	2,758,918	25,340	429	-	3,056,634	-	3,056,634
Interfund accounts receivable	1,308,222	100,000	60,771	-	2,826,024	-	-	-	4,295,017	(4,295,017)	-
Restricted accounts receivable	-	-	-	-	689,092	-	-	-	689,092	-	689,092
Federal, state and local											
assistance receivable	-	(45,900)	-	-	33,293,364	-	-	-	33,247,464	-	33,247,464
Materials and supplies inventory	-	-	48,812	61,591	9,489,491	-	-	-	9,599,894	-	9,599,894
Other current assets	60,454	34,689	-		1,429,857		40,000	-	1,565,000		1,565,000
Total current assets	7,266,309	13,321,263	160,569	669,700	260,122,692	107,978	266,634	61,695	281,976,840	(4,295,017)	277,681,823
Capital assets											
Capital assets - motorbus	-	-	-	-	378,377,407	-	-	-	378,377,407	-	378,377,407
Capital assets - paratransit	-	-	-	-	19,858,405	-	-	-	19,858,405	-	19,858,405
Capital assets - lightrail	-	-	-	-	1,609,279,642	-	-	-	1,609,279,642	-	1,609,279,642
Capital assets	23,883	13,229,243	5,098,609	52,830,145	-	-	-	-	71,181,880	-	71,181,880
Total capital assets	23,883	13,229,243	5,098,609	52,830,145	2,007,515,454	-	-	-	2,078,697,334	-	2,078,697,334
Accumulated depreciation	(23,883)	(6,858,163)	(3,746,408)	(35,921,977)	(1,173,044,147)	-	-	-	(1,219,594,578)	-	(1,219,594,578)
Total capital assets, net	-	6,371,080	1,352,201	16,908,168	834,471,307	-	-	-	859,102,756	-	859,102,756
Land	-	-	-	4,542,564	97,199,286	-	-	-	101,741,850	-	101,741,850
Construction-in-process		2,656,487	-	105,816	44,316,114		135,000		47,213,417	<u> </u>	47,213,417
Total capital assets	0	9,027,567	1,352,201	21,556,548	975,986,707		135,000		1,008,058,023		1,008,058,023
Non-current assets											
Restricted investments	-	-	-	-	104,014,934	-	-	-	104,014,934	-	104,014,934
Deferred charges	-	-	-	3,916	-	-	-	-	3,916	-	3,916
Other non-current assets, net amort	-		-		155,086				155,086		155,086
Total non-current assets	-	-	-	3,916	104,170,020			-	104,173,936		104,173,936
Total assets	7,266,309	22,348,830	1,512,770	22,230,164	1,340,279,419	107,978	401,634	61,695	1,394,208,799	(4,295,017)	1,389,913,782
Deferred outflow of resources											
Deferred pension loss	-	-	-	-	17,795,560	-	-	-	17,795,560	-	17,795,560
Deferred pension expense	-	-	-	-	2,165,753	-	-	-	2,165,753	-	2,165,753
Deferred loss on hedging instruments	-	-	-	-	550,771	-	-	-	550,771	-	550,771
Deferred loss on debt refunding	-	-	-	-	2,790,674	-	-	-	2,790,674	-	2,790,674
Total deferred outflow of resources		-	-	-	23,302,758		-	-	23,302,758	-	23,302,758
Total	\$ 7,266,309	\$ 22,348,830	\$ 1,512,770	\$ 22,230,164	\$ 1,363,582,177	\$ 107,978	\$ 401,634	\$ 61,695	\$ 1,417,511,557	\$ (4,295,017)	\$ 1,413,216,540

# Bi-State Development Agency of the Missouri-Illinois Metropolitan District Business Divisions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Executive Services	Gateway Arch Tram	Riverfront Attractions			St. Louis Regional Freightway	Bi-State Development Research Inst.	Arts In Transit, Inc.	Totals	Interfund Eliminations	Totals After Eliminations	
Liabilities												
Current liabilities												
Accounts payable	\$ 142,546	\$ 349,309	\$ 27,962	\$ 98,131	\$ 4,023,582	\$ 29,150	\$ 3,000	\$-	\$ 4,673,680	\$-	\$ 4,673,680	
Interfund accounts payable	1,245,569	783,376	623,760	169,800	6,220,425	773,817	19,433	-	9,836,180	(4,295,017)	5,541,163	
Accrued expenses	268,800	74,500	109,023	72,700	19,042,758	14,901	-	-	19,582,682	-	19,582,682	
Other current liabilities	22,500	19,660	124,208	4,100	21,059,988	-	223,650	-	21,454,106	-	21,454,106	
Total current liabilities	1,679,415	1,226,845	884,953	344,731	50,346,753	817,868	246,083	-	55,546,648	(4,295,017)	51,251,631	
Current liab payable from restricted assets												
Accounts payable and retention	-	472,727	-	786	1,631,199	-	-	-	2,104,712	-	2,104,712	
Accrued interest payable	-	25,128	-	-	5,240,322	-	-	-	5,265,450	-	5,265,450	
Short-term insurance	-	-	-	-	140,487	-	-	-	140,487	-	140,487	
Current portion of long-term debt	-	153,468	-	-	8,275,000	-	-	-	8,428,468	-	8,428,468	
Total current liabilities payable												
from restricted assets	-	651,323	-	786	15,287,008	-	-	-	15,939,117	-	15,939,117	
Total current liabilities	1,679,415	1,878,168	884,953	345,517	65,633,761	817,868	246,083	-	71,485,765	(4,295,017)	67,190,748	
Non-current liabilities												
Other post-employment benefits	680,223	-	291,183	268,744	49,828,921	(739)	-	-	51,068,332	-	51,068,332	
Long-term insurance	300	7,010	33,654	27,154	288,000	-	-	-	356,118	-	356,118	
Long-term debt	-	7,355,046	-	-	534,998,749	-	-	-	542,353,795	-	542,353,795	
Capital lease obligations	-	-	-	-	104,014,936	-	-	-	104,014,936	-	104,014,936	
Unfunded pension liabilities	565,501	148,931	793,381	153,620	109,962,458	11,853	-	-	111,635,744	-	111,635,744	
Other non-current liabilities	-	-	-	-	6,315,597	-	-	-	6,315,597	-	6,315,597	
Total non-current liabilities	1,246,024	7,510,987	1,118,218	449,518	805,408,661	11,114	-	-	815,744,522	-	815,744,522	
Total liabilities	2,925,439	9,389,155	2,003,171	795,035	871,042,422	828,982	246,083	-	887,230,287	(4,295,017)	882,935,270	
Deferred pension gain salaried	-	-	-	-	295,539	-	-	-	295,539	-	295,539	
Total deferred inflow of resources	-	-	-	-	295,539	-	-	-	295,539	-	295,539	
Net Position												
Net position - capital investments	300	14,650,684	1,385,855	21,583,703	486,709,457	-	-	-	524,329,999	-	524,329,999	
Net position - unrestricted	4,092,789	(869,136)	(1,961,790)	1,569,884	83,693,714	(223,461)	39,127	22,574	86,363,701	-	86,363,701	
Net income (loss)	247,781	(821,873)	85,534	(1,718,458)	(78,158,955)	(497,543)	116,424	39,121	(80,707,969)	-	(80,707,969)	
Total net position	4,340,870	12,959,675	(490,401)	21,435,129	492,244,216	(721,004)	155,551	61,695	529,985,731	-	529,985,731	
Total	\$ 7,266,309	\$ 22,348,830	\$ 1,512,770	\$ 22,230,164	\$ 1,363,582,177	\$ 107,978	\$ 401,634	\$ 61,695	\$ 1,417,511,557	\$ (4,295,017)	\$ 1,413,216,540	

#### Bi-State Development Agency of the Missouri-Illinois Metropolitan District Business Divisions Combining Statement of Activities by Business Division For the Twelve Months Ended June 30, 2017 (unaudited)

		Gateway		St. Louis		St. Louis	Bi-State	Arts			Totals
	Executive	Arch	Riverfront	Downtown		Regional	Development	In Turna in Ing	<b>T</b> - ( - 1 -		After
	Services	Tram	Attractions	Airport	Metro	Freightway	Research Inst.	Transit, Inc.	Totals	Eliminations	Eliminations
Revenue											
Passenger and service revenues	\$ -	\$ 5,381,448	\$ 2,680,534	\$ 1,348,723	\$ 44,609,159	\$ -	\$-	\$ -	\$ 54,019,864	,	\$ 53,888,719
Interfund administrative fees	3,351,034	-	-	-	-	-	-	-	3,351,034	(3,351,034)	-
Partnership fees	-	-	-	-	- 34,307,042	175,000	-	-	175,000 34,307,042	-	175,000 34,307,042
City of St. Louis St. Louis County	-	-	-	-	122,753,855	-	-	-	122,753,855	-	122,753,855
St. Clair County Transit District					53,535,007				53,535,007		53,535,007
State of Missouri and Illinois	-	_	_	_	944,245	-	-	_	944,245	-	944,245
Federal funding	-	-	-	-	18,505,637	-	-	-	18,505,637	-	18,505,637
Other local/regional funding	-	-	-	-	405,474	-	-	-	405,474	-	405,474
Contributions	-	-	-	-	-	-	195,429	64,507	259,936	-	259,936
Advertising, maint services, rental income	213,038	15,080	131,855	117,622	7,673,449	28,005	-	-	8,179,049	-	8,179,049
Interest income	14,167	53,082	-	1,695	7,962,301	-	-	-	8,031,245	-	8,031,245
Other operating revenue	233,124	(61,098)	-	108,930	-	-	-	-	280,956	-	280,956
Total revenue	3,811,363	5,388,512	2,812,389	1,576,970	290,696,169	203,005	195,429	64,507	304,748,344	(3,482,179)	301,266,165
Expense											
Wages and benefits	2,520,123	1,709,553	1,289,119	967,707	186,279,074	332,729	-	-	193,098,305	-	193,098,305
Services	736,062	880,838	279,080	305,168	26,847,218	337,535	77,832	25,386	29,489,119	-	29,489,119
Fuel and lube consumed	-	-	51,780	13,627	10,890,471	-	-	-	10,955,878	-	10,955,878
Materials and supplies	22,730	176,616	423,533	120,189	22,378,022	3,383	800	-	23,125,273	-	23,125,273
Utilities	4,242	106,844	89,755	241,996	7,082,078	-	-	-	7,524,915	-	7,524,915
Casualty and liability costs	5,000	54,541	140,652	51,690	8,316,956	-	-	-	8,568,839	-	8,568,839
Other expenses	274,742	1,629,494	145,494	102,596	5,908,790	26,901	373	-	8,088,390	(3,482,179)	4,606,211
Interest expense	-	305,505	-	-	25,113,239	-	-	-	25,418,744	-	25,418,744
Contribution to outside entities	-	1,072,743	-	-	542,409	-	-	-	1,615,152	-	1,615,152
Other non-operating expense	-	15,055	49,136	14,000	262,781	-	-	-	340,972	-	340,972
Total expense	3,562,899	5,951,189	2,468,549	1,816,973	293,621,038	700,548	79,005	25,386	308,225,587	(3,482,179)	304,743,408
Income (loss) before depreciation	248,464	(562,677)	343,840	(240,003)	(2,924,869)	(497,543)	116,424	39,121	(3,477,243)	-	(3,477,243)
Depreciation and amortization expense	683	257,856	258,306	1,478,455	74,299,249				76,294,549		76,294,549
Net income (loss) before transfers	247,781	(820,533)	85,534	(1,718,458)	(77,224,118)	(497,543)	116,424	39,121	(79,771,792)	-	(79,771,792)
Net transfers in (out)		(1,340)			(934,837)				(936,177)		(936,177)
Net income (loss)	\$ 247,781	\$ (821,873)	\$ 85,534	\$ (1,718,458)	\$ (78,158,955)	\$ (497,543)	\$ 116,424	\$ 39,121	\$ (80,707,969)	\$ -	\$ (80,707,969)

## **EXECUTIVE SERVICES**





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# **Executive Services**

## For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## Fast Facts

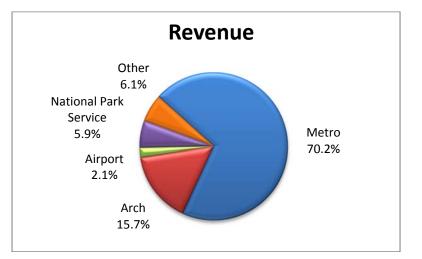
**Executive Services** is a service company supporting all Bi-State Development operating units.

Moody's Investors Service upgraded Bi-State Development's bond credit ratings for lien sales tax bonds from Aa3 to Aa2, and the rating for senior lien sales tax bonds from A1 to Aa3. Factors influencing the upgrades were stability in pledged revenues and diverse tax base. The new ratings are some the highest grades assigned by Moody's Investors Service. These improved ratings give the company a stronger market position and allow for pursuing better investment and development opportunities.

## **Financial Data**

**Income before depreciation is** \$248.5 thousand and 20.7% less than the prior year. Revenues are up 8.9% and expenses are up 11.8%, compared to the fiscal year 2016.

**Total revenue** includes the management fee assessments to Bi-State Development business units and the National Park Service. Total revenue is \$3.8 million, up from last year's total of \$3.5 million. Metro transit's management fee is assessed on a percent of Executive Services total operating expense. **Other** operating revenue includes revenue and expenses for the annual meeting held in the second fiscal quarter.



# **Executive Services**

## For the 12 Months Ended June 30, 2017

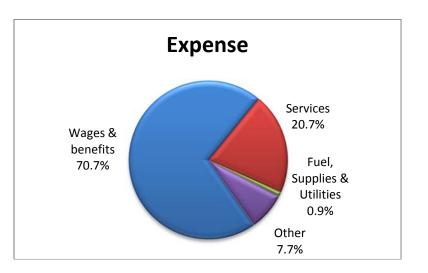
(Preliminary, subject to audit)

**Total expense** is \$3.6 million compared to \$3.2 million in FY 2016.

**Wages and benefits** are 12.1% greater than fiscal year 2016 and 1.1% greater than budget, due to higher benefits.

**Services** are 13.3% greater than fiscal year 2016 and 35.0% less than budget. Lower consulting and legal fees contribute to the favorable balance to budget.

**Other expenses** are 4.5% higher than fiscal year 2016 as a result of higher dues payments.



#### Executive Services Quarterly Statement of Financial Position June 30, 2017 (unaudited)

				Current				Prio	rior Year		
		Current Period		Prior Period		Dollar Change	Percent Change	 Prior Year		Dollar Change	Percent Change
Assets											
Current assets											
Cash	\$	5,822,264	\$	5,953,052	\$	(130,788)	(2.2)	\$ 4,066,098	\$	1,756,166	43.2
Accounts and notes receivable		75,369		787		74,582	n/a	74,318		1,051	1.4
Interfund accounts receivable		1,308,222		193,272		1,114,950	576.9	1,801,429		(493,207)	(27.4)
Other current assets		60,454		-		60,454	n/a	 40,701		19,753	48.5
Total current assets		7,266,309		6,147,111		1,119,198	18.2	 5,982,546		1,283,763	21.5
Capital assets											
Capital assets		23,883		40,741		(16,858)	(41.4)	56,240		(32,357)	(57.5)
Accumulated depreciation		(23,883)		(38,768)		14,885	38.4	(53,584)		29,701	55.4
Total capital assets, net		-		1,973		(1,973)	(100.0)	 2,656		(2,656)	(100.0)
Total capital assets		-		1,973		(1,973)	(100.0)	 2,656		(2,656)	(100.0)
Total assets		7,266,309		6,149,084		1,117,225	18.2	 5,985,202		1,281,107	21.4
Total	\$	7,266,309	\$	6,149,084	\$	1,117,225	18.2	\$ 5,985,202	\$	1,281,107	21.4

#### Executive Services Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current		Prior Year					
	Current Period	Prior Period		Dollar Change	Percent Change	 Prior Year		Dollar Change	Percent Change
Liabilities		 				 		U	
Current liabilities Accounts payable Interfund accounts payable Accrued expenses Other current liabilities	\$ 142,546 1,245,569 268,800 22,500	\$ 106,910 218,355 241,700	\$	35,636 1,027,214 27,100 22,500	33.3 470.4 11.2 n/a	\$ 134,218 221,832 268,300 18,250	\$	8,328 1,023,737 500 4,250	6.2 461.5 0.2 23.3
Total current liabilities	 1,679,415	 566,965		1,112,450	196.2	 642,600		1,036,815	161.3
Non-current liabilities Other post-employment benefits Long-term insurance Unfunded pension liabilities	680,223 300 565,501	 703,396 300 565,501		(23,173) - -	(3.3) - -	683,711 300 565,501		(3,488) - -	(0.5)
Total non-current liabilities	 1,246,024	 1,269,197		(23,173)	(1.8)	 1,249,512		(3,488)	(0.3)
Total liabilities	 2,925,439	 1,836,162		1,089,277	59.3	 1,892,112		1,033,327	54.6
<b>Net Position</b> Net position - capital investments Net position Net income (loss)	 300 4,092,789 247,781	 2,273 4,090,816 219,833		(1,973) 1,973 27,948	(86.8) - 12.7	 234,216 3,547,519 311,355		(233,916) 545,270 (63,574)	(99.9) 15.4 (20.4)
Total net position	 4,340,870	 4,312,922		27,948	0.6	 4,093,090		247,780	6.1
Total	\$ 7,266,309	\$ 6,149,084	\$	1,117,225	18.2	\$ 5,985,202	\$	1,281,107	21.4

#### Executive Services Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

				````						
			Current					Year to Date		
	Actual Budget		\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
Revenue										
Admin fees - Transit	\$ 694,99	3 \$ 753,541	\$ (58,548)	(7.8)	\$ 567,807	\$ 2,672,175	\$ 3,014,162	\$ (341,987)	(11.3)	\$ 2,385,006
Admin fees - Gateway Arch	163,00	8 302,394	(139,386)	(46.1)	269,853	600,010	803,307	(203,297)	(25.3)	600,346
Admin fees - Airport	20,59	9 18,818	1,781	9.5	18,551	78,849	75,271	3,578	4.8	77,130
National Park Service management fee	66,49	8 102,284	(35,786)	(35.0)	69,318	226,097	283,784	(57,687)	(20.3)	260,750
Other operating revenue	3,37	5 22,645	(19,270)	(85.1)	-	213,038	90,579	122,459	135.2	172,800
Other revenue			-	-	-	7,027	-	7,027	-	-
Service fee revenue	11	8 -	118	-	-	-	-	-	-	-
Interest income	7,98	7 675	7,312	1,083.3	1,486	14,167	2,700	11,467	424.7	4,548
Total revenue	956,57	8 1,200,357	(243,779)	(20.3)	927,015	3,811,363	4,269,803	(458,440)	(10.7)	3,500,580
Expense										
Wages and benefits <sup>1</sup>	692,50	6 620,125	(72,381)	(11.7)	560,918	2,520,123	2,493,061	(27,062)	(1.1)	2,247,531
Services	173,85	5 277,052	103,197	37.2	144,873	736,062	1,132,305	396,243	35.0	649,563
Fuel and lube consumed		- 366	366	100.0	40	-		1,464	100.0	835
Materials and supplies	7,07	7 6,602	(475)	(7.2)	10,586	22,730	26,406	3,676	13.9	20,191
Utilities	95	1 2,162	1,211	56.0	2,293	4,242	8,649	4,407	51.0	6,344
Casualty and liability costs			-	-	-	5,000	-	(5,000)	-	-
Other expenses	52,26	8 88,826	36,558	41.2	45,646	274,742	356,727	81,985	23.0	262,824
Other non-operating expense	1,97	3 -	(1,973)	-	-	-	-	-	-	-
Total expense	928,63	0 995,133	66,503	6.7	764,356	3,562,899	4,018,612	455,713	11.3	3,187,288
Income (loss) before depreciation	27,94	8 205,224	(177,276)	(86.4)	162,659	248,464	251,191	(2,727)	(1.1)	313,292
Depreciation and amortization expense		297	297	100.0	297	683	1,941	1,258	64.8	1,937
Net income (loss)	\$ 27,94	8 \$ 204,927	\$ (176,979)	(86.4)	\$ 162,362	\$ 247,781	\$ 249,250	\$ (1,469)	(0.6)	\$ 311,355

<sup>1</sup> - Detailed schedule included.

#### Executive Services Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

	Current							Year to Date							
	Act	tual	Budget		Favorable	% Fav (Unfav)	P	rior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year		
Personnel expense															
Wages	\$ 5	560,946	\$ 492,95	) \$	(67,996)	(13.8)	\$	454,408	\$ 2,017,371	\$ 1,979,383	\$ (37,988)	(1.9)	\$ 1,813,413		
Company paid benefits															
Payroll related taxes and insurance															
FICA		38,280	37,71		(569)	(1.5)		31,112	135,898	151,423	15,525	10.3	120,43 <sup>.</sup>		
Unemployment insurance		204	1,37	3	1,174	85.2		373	3,152	9,450	6,298	66.6	3,66		
Worker's compensation insurance		-	1,36	6	1,366	100.0		-	-	5,686	5,686	100.0			
Health and welfare															
Medical		39,713	31,12	5	(8,588)	(27.6)		34,975	150,486	124,500	(25,986)	(20.9)	139,18		
Dental		1,078	98		(97)	(9.9)		1,137	4,478	3,922	(556)	(14.2)	4,07		
Other post employment benefits		7,101	15,36	3	8,262	53.8		240	27,023	61,688	34,665	56.2	12,77		
Life insurance / AD&D		791	23	6	(555)	(235.2)		556	2,755	946	(1,809)	(191.2)	1,91		
Short and long term disability		2,901	1,51	)	(1,382)	(91.0)		3,646	12,682	6,076	(6,606)	(108.7)	12,34		
FMLA administration expense		-	10		101	100.0		127	175	403	228	56.6	46		
EAP expense		67	6	6	(1)	(1.5)		67	279	264	(15)	(5.7)	23		
Retirement															
Pension expense		16,130	17,25	3	1,128	6.5		12,549	64,937	69,030	4,093	5.9	57,77		
401 K contributions		25,295	20,07		(5,224)	(26.0)		24,468	101,070	80,290	(20,780)	(25.9)	84,80		
Other															
Benefit costs applied to capital projects.					-	-		(2,740)	(183)		183	-	(5,95		
Total company paid benefits	1	131,560	127,17	;	(4,385)	(3.4)		106,510	502,752	513,678	10,926	2.1	434,11		
Total wages and benefits	\$ 6	692,506	\$ 620,12	<u>\$</u>	(72,381)	(11.7)	\$	560,918	\$ 2,520,123	\$ 2,493,061	\$ (27,062)	(1.1)	\$ 2,247,53		

## Executive Services Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description		Total		xecutive Services perating Fund	 vestments Dperating Fund	R	Other estricted Fund
Balance at April 1, 2017 Cash & Investments	\$	5,953,052	\$	25,001	\$ 5,224,654	\$	703,397
Add:							
Metro		408,222		139,996	268,226		_
Gateway Arch Tram		71,613		12,950	58,663		_
St Louis Downtown Airport		14,585		6,516	8,069		-
St. Louis Regional Freightway		5,634		-	5,634		-
Interest received		7,988		18	7,970		-
Total cash receipts		508,042		159,480	 348,562		-
Interfund transfers		-		56,992	444,708		(501,700)
Less:							
Cash disbursements		(638,830)		(218,631)	(420,199)		-
Total cash disbursements		(638,830)		(218,631)	 (420,199)		-
Balance at June 30, 2017							
Cash & Investments	\$	5,822,264	\$	22,842	\$ 5,597,725	\$	201,697

### Executive Services Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	\$ 438,084 (2,523,110) (1,044,954) (5,000) 4,867,977 1,732,997	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities		
Nonoperating contributions	 9,000	
Net cash provided by (used in) non capital financing activities	 9,000	
Cash flows from capital and related financing activities None		
Cash flows from investing activities Interest received	 14,169	
Net cash provided by (used in) investing activities	 14,169	
Net increase (decrease) in cash and cash equivalents	1,756,166	
Cash and cash equivalents, beginning of year	 4,066,098	
Cash and cash equivalents, year to date	\$ 5,822,264	

#### Executive Services Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description	Budget		Current		Year-To-Date		Life-To-Date		Bala	ance
Project #	\$	-	\$	-	\$	-	\$	-	\$	-
Total Active Projects	\$	-	\$	-	\$	-	\$	-	\$	-

## GATEWAY ARCH





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# **Gateway Arch Tram**

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## Fast Facts

The Gateway Arch Transportation System reopened April 19, 2017 with the South Tram taking visitors to the top. The second tram opening was delayed longer than anticipated due to the occurrence of a flooded North Tram Load Zone, resulting in an earlier than expected rope replacement. The North Tram was able to reopen July 18, 2017 allowing for a return to full summer operation.

## **Financial Data**

**Loss before depreciation** for the Gateway Arch Tram for is \$562.7 thousand.

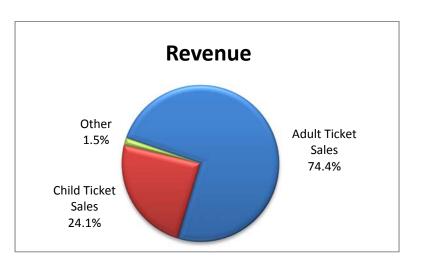
**Revenue** is \$5.4 million and is \$11.0 thousand less than the prior year. Although the number of adult and child tickets sold has decreased, a strategic change in ticketing pricing resulted in actual revenue nearly attaining prior year revenue.

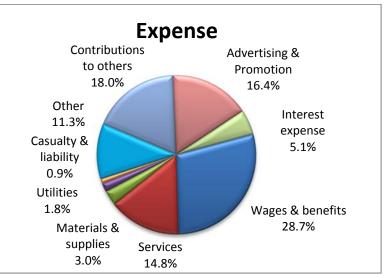
**Total expense** is \$6.0 million compared to \$2.9 million in FY 2016.

**Wages and benefits** \$1.7 million in expense is 4.9% greater than prior year.

**Services** expense exceed prior year by \$140.7 thousand due to higher National Park Service stand-by mechanics cost.

**Contributions to outside entities** is \$1.1 million. The majority of the payments were made to the National Park Service.





# **Gateway Arch Tram**

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## Performance Data

Tram Ridership Comparison											
	<u>Adult</u>	<u>Child</u>	<u>Total</u>								
FY17 Actual	411,066	131,947	543,013								
FY17 Budget	561,059	210,326	771,385								
FY16 Actual	522,750	174,155	696,905								

**Tram ridership** was 29.6% less than budget. Tram ridership decreased 22.1% compared to prior year due to the Arch grounds construction and motor generator set replacement.

#### Gateway Arch Tram Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current							Prio	or Year	
	Current Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change
Assets											
Current assets											
Cash	\$ 13,124,872	\$	12,658,138	\$	466,734	3.7	\$	17,987,902	\$	(4,863,030)	(27.0)
Accounts and notes receivable	107,602		-		107,602	n/a		6,547		101,055	n/a
Interfund accounts receivable Federal, state and local	100,000		1,183,447		(1,083,447)	(91.6)		1,398,580		(1,298,580)	(92.8)
assistance receivable	(45,900)		774,038		(819,938)	(105.9)		16,793		(62,693)	(373.3)
Other current assets	34,689		15,810		18,879	119.4		-		34,689	n/a
Total current assets	13,321,263		14,631,433		(1,310,170)	(9.0)		19,409,822		(6,088,559)	(31.4)
Capital assets											
Capital assets	13,229,243		7,028,301		6,200,942	88.2		6,708,247		6,520,996	97.2
Accumulated depreciation	(6,858,163)		(6,757,159)		(101,004)	(1.5)		(6,684,557)		(173,606)	(2.6)
Total capital assets, net	6,371,080		271,142		6,099,938	n/a		23,690		6,347,390	n/a
Construction-in-process	2,656,487		8,015,947		(5,359,460)	(66.9)		4,114,507		(1,458,020)	(35.4)
Total capital assets	9,027,567		8,287,089		740,478	8.9		4,138,197	-	4,889,370	118.2
Total assets	22,348,830		22,918,522		(569,692)	(2.5)		23,548,019		(1,199,189)	(5.1)
Total	\$ 22,348,830	\$	22,918,522	\$	(569,692)	(2.5)	\$	23,548,019	\$	(1,199,189)	(5.1)

#### Gateway Arch Tram Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current								Prio	r Year	
		Current Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change
Liabilities		Fellou		Fellou		Change	Change		Ieai		Change	Change
Current liabilities	•				•			•			()	
Accounts payable Interfund accounts payable	\$	349,309 783.376	\$	188,924 1,309,793	\$	160,385 (526,417)	84.9 (40.2)	\$	743,267 965.850	\$	(393,958) (182,474)	(53.0)
Accrued expenses		74,500		66.300		(526,417) 8,200	(40.2)		965,850 58,700		(182,474)	(18.9) 26.9
Other current liabilities		19,660		11,364		8,296	73.0		18,848		812	4.3
Total current liabilities		1,226,845		1,576,381		(349,536)	(22.2)		1,786,665		(559,820)	(31.3)
Current liab payable from restricted assets												
Accounts payable and retention		472,727		412,380		60,347	14.6		142,246		330,481	232.3
Accrued interest payable		25,128		101,511		(76,383)	(75.2)		25,622		(494)	(1.9)
Current portion of long-term debt Total current liabilities payable		153,468		150,447		3,021	2.0		147,486		5,982	4.1
from restricted assets		651,323		664,338		(13,015)	(2.0)		315,354		335,969	106.5
Total current liabilities		1,878,168		2,240,719		(362,551)	(16.2)		2,102,019		(223,851)	(10.6)
Non-current liabilities												
Other post-employment benefits		-		5,782		(5,782)	(100.0)		-		-	n/a
Long-term insurance		7,010		7,010		-	-		7,010		-	-
Long-term debt Unfunded pension liabilities		7,355,046 148,931		7,432,545 148,931		(77,499)	(1.0)		7,508,514 148,931		(153,468)	(2.0)
1		,		, , , , , , , , , , , , , , , , , , , ,		-	-		,		-	-
Total non-current liabilities		7,510,987		7,594,268		(83,281)	(1.1)		7,664,455		(153,468)	(2.0)
Total liabilities		9,389,155		9,834,987		(445,832)	(4.5)		9,766,474		(377,319)	(3.9)
Net Position												
Net position - capital investments		14,650,684		13,356,361		1,294,323	9.7		-		14,650,684	n/a
Net position		(869,136)		425,187		(1,294,323)	(304.4)		11,380,463		(12,249,599)	(107.6)
Net income (loss)		(821,873)	-	(698,013)		(123,860)	(17.7)		2,401,082		(3,222,955)	(134.2)
Total net position		12,959,675		13,083,535		(123,860)	(0.9)		13,781,545		(821,870)	(6.0)
Total	\$	22,348,830	\$	22,918,522	\$	(569,692)	(2.5)	\$	23,548,019	\$	(1,199,189)	(5.1)

#### Gateway Arch Tram Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

			Current			-			Year to Date		
			\$ Favorable	% Fav					\$ Favorable	% Fav	
	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year	-	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year
Devenue											
Revenue	¢ 4 500 004	¢ 0.004.000	¢ (4.007.500)	(44.0)	¢ 0.000 500		¢ 5 004 440	¢ 7740.050	¢ (0.000.400)	(00.0)	¢ 5 447 405
Arch tickets	\$ 1,563,694	\$ 2,831,260	\$ (1,267,566)	(44.8)	\$ 2,302,502		\$ 5,381,448	\$ 7,713,850	\$ (2,332,402)	(30.2)	\$ 5,417,105
Other operating revenue	4,345	150	4,195	2,796.7	1,606		15,080	600	14,480	2,413.3	22,331
Other revenue	6,176	-	6,176	-	-		-	-	(47.000)	-	-
Service fee revenue	4,410	9,600	(5,190)	(54.1)	4,260		11,433	28,799	(17,366)	(60.3)	18,918
Interest income	17,923	3,573	14,350	401.6	7,663		53,082	14,293	38,789	271.4	16,536
Sales discount	(27,126)	(46,187)	19,061	41.3	(26,359)	-	(72,531)	(109,492)	36,961	33.8	(75,357)
Total revenue	1,569,422	2,798,396	(1,228,974)	(43.9)	2,289,672	-	5,388,512	7,648,050	(2,259,538)	(29.5)	5,399,533
Expense											
Wages and benefits <sup>1</sup>	513,663	593,028	79,365	13.4	492,053		1,709,553	2,056,282	346,729	16.9	1,630,092
Services	219,648	262,371	42,723	16.3	217,873		880,838	1,023,209	142,371	13.9	740,107
Materials and supplies	23,299	34,103	10,804	31.7	(56,065)		176,616	254,119	77,503	30.5	5,631
Utilities	26,317	34,017	7,700	22.6	32,788		106,844	114,585	7,741	6.8	105,074
Casualty and liability costs	13,876	14,036	160	1.1	12,162		54,541	56,143	1,602	2.9	53,717
Other expenses	437,592	570,345	132,753	23.3	516,495		1,629,494	1,708,236	78,742	4.6	1,208,161
Interest expense	75,884	76,500	616	0.8	76,866		305,505	305,999	494	0.2	307,465
Contribution to outside entities	281,999	-	(281,999)	-	46,455		1,072,743	-	(1,072,743)	-	(1,131,639)
Other non-operating expense	-	-	-	-	4,989		15,055	-	(15,055)	-	5,368
Total expense	1,592,278	1,584,400	(7,878)	(0.5)	1,343,616		5,951,189	5,518,573	(432,616)	(7.8)	2,924,031
Income (loss) before depreciation	(22,856)	1,213,996	(1,236,852)	(101.9)	946,056	-	(562,677)	2,129,477	(2,692,154)	(126.4)	2,475,502
Depreciation and amortization expense	101,004	28,765	(72,239)	(251.1)	14,044	-	257,856	151,874	(105,982)	(69.8)	73,793
Net income (loss) before transfers	(123,860)	1,185,231	(1,309,091)	(110.5)	932,012		(820,533)	1,977,603	(2,798,136)	(141.5)	2,401,709
Net transfers in (out)				-		-	(1,340)		(1,340)	-	(627)
Net income (loss)	\$ (123,860)	\$ 1,185,231	\$ (1,309,091)	(110.5)	\$ 932,012	=	\$ (821,873)	\$ 1,977,603	\$ (2,799,476)	(141.6)	\$ 2,401,082

<sup>1</sup> - Detailed schedule included.

#### Gateway Arch Tram Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

				· · · ·						
			Current					Year to Date		
	Actual	Dudget	\$ Favorable	% Fav	Prior Year	Actual	Dudget	\$ Favorable	% Fav	Prior Year
	Actual	Budget	(Unfavorable)	(Unfav)	Prior fear	Actual	Budget	(Unfavorable)	(Unfav)	Prior fear
Personnel expense										
Wages	\$ 432,595	\$ 465,628	\$ 33,033	7.1	\$ 414,674	\$ 1,413,588	\$ 1,571,121	\$ 157,533	10.0	\$ 1,350,187
Company paid benefits										
Payroll related taxes and insurance										
FICA	31,807	35,420	3,613	10.2	33,480	104,905	120,191	15,286	12.7	104,733
Unemployment insurance	1,767	7,078	5,311	75.0	3,583	9,429	25,698	16,269	63.3	11,234
Worker's compensation insurance	1,933	4,704	2,771	58.9	3,046	6,725	18,375	11,650	63.4	15,016
Health and welfare										
Medical	30,452	31,275	823	2.6	26,657	117,355	125,100	7,745	6.2	105,773
Dental	885	968	83	8.6	934	3,762	3,871	109	2.8	3,203
Other post employment benefits	2,667	6,724	4,057	60.3	126	10,001	27,000	16,999	63.0	4,796
Life insurance / AD&D	349	235	(114)	(48.5)	244	1,239	939	(300)	(31.9)	844
Short and long term disability	1,005	1,509	504	33.4	1,175	4,500	6,037	1,537	25.5	4,233
FMLA administration expense	-	100	100	100.0	943	1,146	400	(746)	(186.5)	2,878
EAP expense	56	65	9	13.8	57	241	262	21	8.0	202
Retirement										
Pension expense	4,033	17,272	13,239	76.7	3,251	19,329	69,087	49,758	72.0	15,216
401 K contributions	11,058	19,943	8,885	44.6	11,078	44,189	79,772	35,583	44.6	40,665
Other										
Uniform allowance	3,268	2,107	(1,161)	(55.1)	5,142	5,918	8,429	2,511	29.8	7,690
Miscellaneous benefits	-	-	-	-	-	6,550	-	(6,550)	-	3,748
Benefit costs applied to capital projects.	(8,212)	-	8,212	-	(12,337)	(39,324)	-	39,324	-	(40,326)
Total company paid benefits	81,068	127,400	46,332	36.4	77,379	295,965	485,161	189,196	39.0	279,905
Total wages and benefits	\$ 513,663	\$ 593,028	\$ 79,365	13.4	\$ 492,053	\$ 1,709,553	\$ 2,056,282	\$ 346,729	16.9	\$ 1,630,092

#### Gateway Arch Tram Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	Total	Arch Collection Facility Fund	Arch Levy Pass Fund	JNEM Arch Operating Fund	JNEM Beneficial Fund	Drainage Project Fund	Exhibit Rehabilitation Fund	Motor Generator Sets Design Fund	Other Restricted Fund	2014 Arch Bonds Project Fund	2014 Arch Bonds Debt Service Reserve Fund	2014 Arch Bonds Debt Service Fund	2014 Arch Bonds Debt Revenue Fund
Balance at April 1, 2017 Cash & Investments	\$ 12,658,138	\$ 285,572	\$ 250	\$ 257,881	\$ 5,097,817	\$ 480,382	\$ 3,073,991	\$ 98,119	\$ 500,000	\$ 2,169,629	\$ 454,652	\$ 227,210	\$ 12,635
Add: Revenue receipts Interest received Total cash receipts	5,070,233 17,922 5,088,155	5,070,233 		<u>975</u> 975	- 7,188 7,188	<u>670</u> 670	3,979 3,979	- <u>133</u> 133		<u>3,856</u>	- 698 698	- <u>348</u> 348	- 7575
Interfund transfers	-	(703,887)	-	124,183	-	-	-	-	(46,714)	-	(1,865)	36,974	591,309
Less: Cash disbursements Total cash disbursements	<u>(4,621,421)</u> (4,621,421)	(2,280,105) (2,280,105)	<u> </u>	<u>(304,989)</u> (304,989)	(23,953) (23,953)	<u>(12,133)</u> (12,133)	<u>(523,144)</u> (523,144)	<u>(6,077)</u> (6,077)		(640,259) (640,259)		(226,742) (226,742)	(604,019) (604,019)
Balance at June 30, 2017 Cash & Investments	\$ 13,124,872	\$ 2,371,813	\$ 250	\$ 78,050	\$ 5,081,052	\$ 468,919	\$ 2,554,826	\$ 92,175	\$ 453,286	\$ 1,533,226	\$ 453,485	\$ 37,790	\$ -

### Gateway Arch Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in)	\$ 5,234,375 (1,693,753) (2,621,617) (54,541) 516,096	Supplemental disclosure of cash flow information Noncash Activities: None
operating activities	1,380,560	
Cash flows from non capital financing activities Operating assistance received Contributions to outside entities Net transfers Nonoperating contributions	62,696 (1,072,743) (1,340) (15,055)	
Net cash provided by (used in) non capital financing activities	(1,026,442)	
Cash flows from capital and related financing activities Acquisitions of capital assets Payments of long-term debt Interest Paid	(4,816,744) (147,486) (305,999)	
Cash flows from capital and related financing activities	(5,270,229)	
Cash flows from investing activities Interest received	53,081	
Net cash provided by (used in) investing activities	53,081	
Net increase (decrease) in cash and cash equivalents	(4,863,030)	
Cash and cash equivalents, beginning of year	17,987,902	
Cash and cash equivalents, year to date	\$ 13,124,872	

### Gateway Arch Tram Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description		Budget		urrent	Year-To-Date		Life-To-Date		Balance	
Project #										
1728 JNEM Trench Drain Project	xy \$	2,288,001	\$	878	\$ 3	2,033	\$	1,595,315	\$	692,686
1824 Load Zone Rehabilitation	х	3,427,280		197,798	1,30	0,429		2,294,266		1,133,014
1825 JNEM Rail Station Improvements	Z	359,612		-		1,340		98,797		260,815
1826 JNEM Arch Lobby Rehabilitation	У	1,087,107		13,229	20	7,175		284,232		802,875
1903 Arch Motor Generator Replacement	x	7,492,163		636,040	3,68	32,637		6,137,972		1,354,191
2034 Arch Ticketing Upgrade	У	400,000		-	2	27,759		402,048		(2,048)
2073 PGAV - Arch Welcoming Portal		44,000		-		-		13,238		30,762
2124 Gateway Arch Furnishings		156,000		29	6	5,352		65,352		90,648
2126 Professional Services to NPS		225,000		21,806	۷	5,605		45,605		179,395
2131 JNEM Signage Project 2016	У	590,000		1,594	2	9,516		29,516		560,484
Total Active Projects	\$	16,069,163	\$	871,374	\$ 5,39	1,846	\$	10,966,341	\$	5,102,822

x Projects are carryover from prior year.

y Upon completion of this project, assets to be contributed to National Park Service (NPS).

z Upon completion of this project, assets to be contributed to Metro Transit

## METRO





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**METRO** 

## **Metro** For the 12 Months Ended June 30, 2017 (Preliminary, subject to audit)

### Fast Facts

In June 2017, Metro officials broke ground on the new Boyle Street MetroLink Station. The \$12.9 million station is funded by a \$10.3 million TIGER grant and a public-private partnership with BJC Healthcare, Cortex, Great Rivers Greenway, Washington University and St. Louis Development Corp. Construction is expected to be complete in 2018.

In April 2017, City of St. Louis voters passed Proposition 1 with 60.4% of the votes. Prop 1 is a one-half cent sales tax which is expected to generate \$20 million annually. \$12 million of the funds are supposed to go towards constructing a new 8-mile MetroLink extension in the city. The remaining \$8 million is for public safety, a youth empowerment fund, neighborhood revitalization and job training.

In April 2017, Metro hosted a Links2Life Program at the North County Transit Center. Metro transit riders, nearby residents and others were able to meet with local medical, health and wellness providers, and summer youth activity partners, including the YMCA, Christian Hospital, Blueprint4Summer, Citizens for Modern Transit (CMT) and AARP.

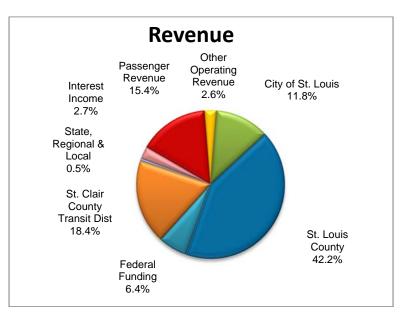
The Federal Highway Administration recognized Metro for the development and planning of the North County Transit Center in Ferguson, Missouri. The project earned an honorable mention in the competitive 2017 FHWA Transportation Planning Excellence Awards, sponsored by the FHWA and the American Planning Association.

### **Financial Data**

**Loss before depreciation** for the twelve months ended June 30, 2017 was \$2.9 million. Compared to budget, revenue was down 6.1% and total expenses are favorable 5.7%.

#### Revenue

The chart below illustrates the relative size of each revenue source in fiscal year 2017.



**Passenger Revenue** of \$44.6 million is 12.8% less than budget and 8.7% less than the prior year due to ridership decline.

## **Metro** For the 12 Months Ended June 30, 2017 (Preliminary, subject to audit)

Advertising, maintenance services and rental income is below budget due to lower than expected paratransit contract and ATS revenue.

**Interest revenue** is favorable to budget and FY 2016 due to longer term investment strategy and rising rates.

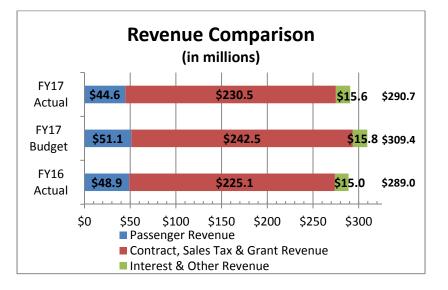
#### **Contract, Sales Tax & Grant Revenue**

Combined St. Louis City and County sales tax used in operations by Bi-State Development was up 2.5% from FY 2016 actual. Sales taxes are remitted to Bi-State Development from the local Missouri jurisdictions in return for services provided.

St. Clair County Transit District payment of \$53.5 million is 3.2% greater than budget and 7.9% greater than the prior year. St. Clair County contracts for service and pays 100% of the cost.

Federal funding of \$18.5 million includes federal vehicle maintenance funds of \$16.0 million.

The Revenue Comparison chart reports revenue trends in each major revenue category.



# **Metro**

## For the 12 Months Ended June 30, 2017 (Preliminary, subject to audit)

#### Expense The chart below illustrates the relative significance of each

expense in FY 2017.

Expense Interest Other 8.6% 2.3% Casualty & liability 2.8% Wages & Utilities benefits 2.4% 63.4% Materials & supplies 7.6% Fuel & lube 3.7% Services 9.2%

Wages and benefits of \$186.3 million are 0.1% favorable to budget. The favorable variance in wages and benefits is due to vacant positions and changes in retiree medical benefit policy.

Services of \$26.8 million are favorable to budget and FY 2016 due to lower than anticipated maintenance, custodial and outside services.

Fuel and lube consumed is \$3.1 million favorable to budget and \$3.5 million favorable to FY 2016 due to lower diesel prices and more fuel efficient buses placed in service.

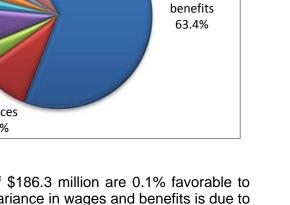
Materials and supplies expenditures of \$22.4 million are 15.6% favorable to budget due to less than anticipated repair parts and ticket stock spending.

Utilities are favorable to budget by \$1.5 million or 17.5% as a result of lower than budgeted natural gas prices and less electricity usage.

Casualty & liability expense is \$3.6 million or 75.5% unfavorable to budget due to higher than expected self-insured claims that include MetroBus and MetroLink related accidents.

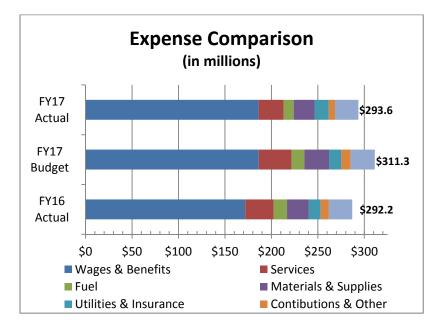
Other operating expense is favorable to budget by 31.8% due to lower than budgeted fees, and travel and meetings expense.

Interest expense of \$0.9 million is 3.5% favorable to budget. The acceleration of debt lowers interest expense to BSD.



## **Metro** For the 12 Months Ended June 30, 2017 (Preliminary, subject to audit)

The chart below shows expense trends in each major expense category.



### Performance Data

Passenger Boardings												
(in millions – YTD)												
FY 2017 FY 2016 FY 2015												
MetroBus	25.55	27.70	29.44									
MetroLink	14.90	15.78	16.64									
Call-A-Ride	0.55	0.57	0.57									
Total System	41.00	44.05	46.65									

**Passenger boardings** for the fiscal year 2017 are 6.9% below fiscal year 2016 and 12.1% below fiscal year 2015. The decrease from fiscal year 2016 for MetroBus is 7.8%, MetroLink is 5.6% and Call-A-Ride is 3.1%.

#### Metro Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current				Prior Year				
	Current Period	Prior Period		Dollar Change	Percent Change	Prior Year		Dollar Change	Percent Change
Assets									
Current assets									
Cash	\$ 97,557,958	\$ 92,750	,909 \$	4,807,049	5.2	\$ 94,410,43	\$	3,147,527	3.3
Investments	112,077,988	135,301	,567	(23,223,579)	(17.2)	130,574,33	5	(18,496,348)	(14.2)
Accounts and notes receivable	2,758,918	1,636	5,530	1,122,388	68.6	1,867,50	3	891,415	47.7
Interfund accounts receivable	2,826,024	2,510		315,163	12.6	4,280,34		(1,454,319)	(34.0)
Restricted accounts receivable	689,092	576	6,803	112,289	19.5	220,43	3	468,659	212.6
Federal, state and local									
assistance receivable	33,293,364	37,082	/	(3,789,538)	(10.2)	35,702,84		(2,409,478)	(6.7)
Materials and supplies inventory	9,489,491	9,531		(41,942)	(0.4)	8,815,25		674,238	7.6
Other current assets	1,429,857	2,014	,654	(584,797)	(29.0)	1,489,59	·	(59,740)	(4.0)
Total current assets	260,122,692	281,405	5,659	(21,282,967)	(7.6)	277,360,73	3	(17,238,046)	(6.2)
Capital assets									
Capital assets - motorbus	378,377,407	385.453	3.340	(7,075,933)	(1.8)	376.200.25	3	2.177.149	0.6
Capital assets - paratransit	19,858,405	19,518	/	339,728	1.7	18,235,31		1,623,093	8.9
Capital assets - lightrail	1,609,279,642	1,608,952		326,963	-	1,602,450,22		6,829,413	0.4
Total capital assets	2,007,515,454	2,013,924		(6,409,242)	(0.3)	1,996,885,79		10,629,655	0.5
Accumulated depreciation	(1,173,044,147)	(1,164,420	,845)	(8,623,302)	(0.7)	(1,113,159,35		(59,884,792)	(5.4)
Total capital assets, net	834,471,307	849,503	3,851	(15,032,544)	(1.8)	883,726,44	ļ.	(49,255,137)	(5.6)
Land	97,199,286	97,199	.286	-	-	97,199,28	5	-	-
Construction-in-process	44,316,114	40,467		3,848,780	9.5	29,428,05		14,888,064	50.6
Total capital assets	975,986,707	987,170	),471	(11,183,764)	(1.1)	1,010,353,78	)	(34,367,073)	(3.4)
Non-current assets									
Restricted investments	104,014,934	102,358	3,520	1,656,414	1.6	97,643,65	2	6,371,282	6.5
Other non-current assets, net amort	155,086	223	,456	(68,370)	(30.6)	123,35	L	31,732	25.7
Total non-current assets	104,170,020	102,581	,976	1,588,044	1.5	97,767,00	6	6,403,014	6.5
Total assets	1,340,279,419	1,371,158	8,106	(30,878,687)	(2.3)	1,385,481,52	L	(45,202,105)	(3.3)
Deferred outflow of resources									
Deferred pension loss	17,795,560	19,392	223	(1,596,663)	(8.2)	24,182,212	<b>,</b>	(6,386,652)	(26.4)
Deferred pension expense	2,165,753	2,165	,	(1,000,000)	(0.2)	2,165,75		(0,000,002)	(=0.1)
Deferred loss on hedging instruments	550,771	2,100	-	550,771	n/a	628,56		(77,789)	(12.4)
Deferred loss on debt refunding	2,790,674	2,896	393	(105,719)	(3.7)	3,210,592		(419,918)	(13.1)
0	· · · ·	· · · · · ·	·	· · · · ·	. ,				( )
Total deferred outflow of resources	23,302,758	24,454	1,309	(1,151,611)	(4.7)	30,187,11		(6,884,359)	(22.8)
Total	\$ 1,363,582,177	\$ 1,395,612	2,475 \$	(32,030,298)	(2.3)	\$ 1,415,668,64	\$	(52,086,464)	(3.7)

#### Metro Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current	•		Prior Year				
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change		
Liabilities									
Current liabilities Accounts payable Interfund accounts payable Accrued expenses Other current liabilities	\$ 4,023,582 6,220,425 19,042,758 21,059,988	\$ 4,243,081 8,165,725 17,880,463 21,556,359	\$ (219,499) (1,945,300) 1,162,295 (496,371)	(5.2) (23.8) 6.5 (2.3)	\$ 7,396,687 2,513,390 20,201,367 21,939,513	\$ (3,373,105) 3,707,035 (1,158,609) (879,525)	(45.6) 147.5 (5.7) (4.0)		
Total current liabilities	50,346,753	51,845,628	(1,498,875)	(2.9)	52,050,957	(1,704,204)	(3.3)		
Current liab payable from restricted assets Accounts payable and retention Accrued interest payable Short-term insurance Current portion of long-term debt Total current liabilities payable from restricted assets	1,631,199 5,240,322 140,487 8,275,000 15,287,008	1,545,948 10,480,644 140,487 8,275,000 20,442,079	85,251 (5,240,322)  	5.5 (50.0) - - (25.2)	3,216,404 5,319,122 7,436,541 7,880,000 23,852,067	(1,585,205) (78,800) (7,296,054) <u>395,000</u> (8,565,059)	(49.3) (1.5) (98.1) 5.0 (35.9)		
Total current liabilities	65,633,761	72,287,707	(6,653,946)	(9.2)	75,903,024	(10,269,263)	(13.5)		
Non-current liabilities Other post-employment benefits Long-term insurance Long-term debt Capital lease obligations Unfunded pension liabilities Other non-current liabilities	49,828,921 288,000 534,998,749 104,014,936 109,962,458 6,315,597	52,296,156 82,405 535,563,664 102,358,522 109,962,458 6,341,724	(2,467,235) 205,595 (564,915) 1,656,414 - (26,127)	(4.7) 249.5 (0.1) 1.6 - (0.4)	51,003,780 7,808,459 545,608,311 97,628,680 109,962,458 7,112,611	(1,174,859) (7,520,459) (10,609,562) 6,386,256 - (797,014)	(2.3) (96.3) (1.9) 6.5 - (11.2)		
Total non-current liabilities	805,408,661	806,604,929	(1,196,268)	(0.1)	819,124,299	(13,715,638)	(1.7)		
Total liabilities	871,042,422	878,892,636	(7,850,214)	(0.9)	895,027,323	(23,984,901)	(2.7)		
Deferred Inflow of Resources Deferred gain on hedging instruments Deferred pension gain salaried	- 295,539	219,412 334,089	(219,412) (38,550)	(100.0) (11.5)	449,739	(154,200)	n/a (34.3)		
Total deferred inflow of resources	295,539	553,501	(257,962)	(46.6)	449,739	(154,200)	(34.3)		
<b>Net Position</b> Net position - capital investments Net position Net income (loss)	486,709,457 83,693,714 (78,158,955)	503,064,174 58,714,030 (45,611,866)	(16,354,717) 24,979,684 (32,547,089)	(3.3) 42.5 (71.4)	1,117,360,210 (521,956,600) (75,212,031)	(630,650,753) 605,650,314 (2,946,924)	(56.4) 116.0 (3.9)		
Total net position	492,244,216	516,166,338	(23,922,122)	(4.6)	520,191,579	(27,947,363)	(5.4)		
Total	\$ 1,363,582,177	\$ 1,395,612,475	\$ (32,030,298)	(2.3)	\$ 1,415,668,641	\$ (52,086,464)	(3.7)		

#### Metro Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

			Current			Year to Date							
	\$ Favo		\$ Favorable	% Fav	Prior Year	Actual		\$ Favorable % Fav (Unfavorable) (Unfav) Prior Ye					
_	Actual	Budget	(Unfavorable)	(Unfav)	Prior fear	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year			
Revenue	• • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	•		• • • • • • • • • •			• (• ••• • • • • •	(10.0)	• •• •= •=•			
Passenger revenue	\$ 11,079,945	\$ 12,694,157	\$ (1,614,212)	(12.7)	\$ 12,117,461	\$ 44,609,159	\$ 51,147,002	\$ (6,537,843)	(12.8)	\$ 48,857,278			
City of St. Louis <sup>1</sup>	8,190,076	6,819,157	1,370,919	20.1	6,927,886	34,307,042	34,840,332	(533,290)	(1.5)	33,611,685			
St. Louis County <sup>1</sup>	28,752,890	32,505,090	(3,752,200)	(11.5)	23,572,699	122,753,855	132,879,125	(10,125,270)	(7.6)	119,553,646			
St. Clair County Transit District 1	9,952,017	12,971,158	(3,019,141)	(23.3)	7,872,260	53,535,007	51,884,630	1,650,377	3.2	49,615,492			
State of Missouri and Illinois <sup>1</sup>	165,465	525,389	(359,924)	(68.5)	183,477	944,245	2,101,554	(1,157,309)	(55.1)	1,086,504			
Federal funding <sup>1</sup>	3,888,894	4,994,849	(1,105,955)	(22.1)	4,430,562	18,505,637	19,979,395	(1,473,758)	(7.4)	20,202,515			
Other local/regional funding <sup>1</sup>	122,722	202,500	(79,778)	(39.4)	87,630	405,474	810,000	(404,526)	(49.9)	1,069,131			
Contributions	-	10,000	(10,000)	(100.0)	-	-	40,000	(40,000)	(100.0)	-			
Advertising, maint services, rental income	2,131,138	2,143,094	(11,956)	(0.6)	1,900,420	7,673,449	8,572,018	(898,569)	(10.5)	7,550,964			
Other revenue	-	625	(625)	(100.0)	-	-	2,500	(2,500)	(100.0)	-			
Service fee revenue	(118)	-	(118)	-	-	-	-	-	-	-			
Interest income	6,902,972	6,626,045	276,927	4.2	6,483,305	7,962,301	7,188,765	773,536	10.8	7,463,015			
Total revenue	71,186,001	79,492,064	(8,306,063)	(10.4)	63,575,700	290,696,169	309,445,321	(18,749,152)	(6.1)	289,010,230			
Expense													
Wages and benefits <sup>1</sup>	50,891,124	46,850,061	(4,041,063)	(8.6)	43,506,621	186,279,074	186,425,052	145,978	0.1	174,653,661			
Services	7,504,601	9,062,214	1,557,613	17.2	8,069,117	26,847,218	35,111,878	8,264,660	23.5	31,230,362			
Fuel and lube consumed	2,496,722	3,486,850	990,128	28.4	2,992,205	10,890,471	13,962,941	3,072,470	22.0	14,422,797			
Materials and supplies	6,852,836	6,760,081	(92,755)	(1.4)	7,174,676	22,378,022	26,509,071	4,131,049	15.6	23,244,763			
Utilities	1,746,952	1,869,054	122,102	6.5	1,556,486	7,082,078	8,587,969	1,505,891	17.5	7,099,137			
Casualty and liability costs	2,447,428	1,184,829	(1,262,599)	(106.6)	3,161,183	8,316,956	4,739,710	(3,577,246)	(75.5)	7,468,053			
Other expenses	1,528,429	2,137,160	608,731	28.5	1,447,132	5,908,790	8,660,482	2,751,692	31.8	6,213,777			
Interest expense	11,045,945	11,275,343	229,398	2.0	10,708,436	25,113,239	26,029,230	915,991	3.5	25,101,045			
Contribution to outside entities	125,304	313,608	188,304	60.0	291,802	542,409	1,254,432	712,023	56.8	1,243,864			
Other non-operating expense	34,385	· -	(34,385)	-	1,638,552	262,781	-	(262,781)	-	1,485,014			
Total expense	84,673,726	82,939,200	(1,734,526)	(2.1)	80,546,210	293,621,038	311,280,765	17,659,727	5.7	292,162,473			
Income (loss) before depreciation	(13,487,725)	(3,447,136)	(10,040,589)	(291.3)	(16,970,510)	(2,924,869)	(1,835,444)	(1,089,425)	(59.4)	(3,152,243)			
Depreciation and amortization expense	18,821,604	18,349,113	(472,491)	(2.6)	18,717,911	74,299,249	73,396,453	(902,796)	(1.2)	72,060,415			
Net income (loss) before transfers	(32,309,329)	(21,796,249)	(10,513,080)	(48.2)	(35,688,421)	(77,224,118)	(75,231,897)	(1,992,221)	(2.6)	(75,212,658)			
Net transfers in (out)	(237,760)		(237,760)	-		(934,837)		(934,837)	-	627			
Net income (loss)	\$ (32,547,089)	\$ (21,796,249)	\$ (10,750,840)	(49.3)	\$ (35,688,421)	\$ (78,158,955)	\$ (75,231,897)	\$ (2,927,058)	(3.9)	\$ (75,212,031)			

<sup>1</sup> - Detailed schedule included.

## Metro Detailed Schedule of Contract, Sales Tax and Grant Revenue For the Quarter Ended June 30, 2017 (unaudited)

			Current			Year to Date								
			\$ Favorable	% Fav			1	\$ Favorable	% Fav					
	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year				
Contract, sales tax and grant revenue														
Missouri														
City of St. Louis 1/2 cent	\$ 3,589,316	\$ 3,488,285	\$ 101,031	2.9	\$ 3,700,845	\$ 15,829,927	\$ 18,934,817	\$ (3,104,890)	(16.4)	\$ 18,121,311				
City of St. Louis 1/4 cent	2,165,911	1,868,960	296,951	15.9	1,739,309	8,914,554	8,822,025	92,529	1.0	8,560,576				
City of St. Louis Prop M2 (1/4 cent)	2,434,849	1,461,912	972,937	66.6	1,487,732	9,562,561	7,083,490	2,479,071	35.0	6,929,798				
Total City of St. Louis	8,190,076	6,819,157	1,370,919	20.1	6,927,886	34,307,042	34,840,332	(533,290)	(1.5)	33,611,685				
St. Louis County 1/2 cent	1,756,155	9,566,346	(7,810,191)	(81.6)	7,883,410	8,104,414	41,706,559	(33,602,145)	(80.6)	39,019,077				
St. Louis County 1/4 cent	7,981,771	8,648,596	(666,825)	(7.7)	6,404,849	35,758,756	36,650,427	(891,671)	(2.4)	33,559,417				
St. Louis County Prop A (1/2 cent)	19,014,964	14,290,148	4,724,816	33.1	9,284,440	78,890,685	54,522,139	24,368,546	44.7	46,975,152				
Total St. Louis County	28,752,890	32,505,090	(3,752,200)	(11.5)	23,572,699	122,753,855	132,879,125	(10,125,270)	(7.6)	119,553,646				
				( - /		,,			( - /					
East-West Gateway Council of Govts.	40,000	40,000	-	-	40,000	160,000	160,000	-	-	160,000				
Non-capital projects and other	82,722	162,500	(79,778)	(49.1)	47,630	245,474	650,000	(404,526)	(62.2)	909,131				
Total other local	122,722	202,500	(79,778)	(39.4)	87,630	405,474	810,000	(404,526)	(49.9)	1,069,131				
State of Missouri	152,193	117,228	34,965	29.8	102,486	922,734	468,912	453,822	96.8	459,187				
Total State of Missouri	152,193	117,228	34,965	29.8	102,486	922,734	468,912	453,822	96.8	459,187				
Total Missouri	37,217,881	39,643,975	(2,426,094)	(6.1)	30,690,701	158,389,105	168,998,369	(10,609,264)	(6.3)	154,693,649				
Illinois														
St. Clair Transit District	9,952,017	12,971,158	(3,019,141)	(23.3)	7,872,260	53,535,007	51,884,630	1,650,377	3.2	49,615,492				
State of Illinois	13,272	408,161	(394,889)	(96.7)	80,991	21,511	1,632,642	(1,611,131)	(98.7)	627,317				
Total Illinois	9,965,289	13,379,319	(3,414,030)	(25.5)	7,953,251	53,556,518	53,517,272	39,246	0.1	50,242,809				
Total local and state	47,183,170	53,023,294	(5,840,124)	(11.0)	38,643,952	211,945,623	222,515,641	(10,570,018)	(4.8)	204,936,458				
Federal														
Vehicle maintenance	4,000,000	4,000,000	-	-	4,000,000	16,000,000	16,000,000	-	-	16,000,000				
Non-capital grants (i.e. JARC)	(111,106)	994,849	(1,105,955)	(111.2)	430,562	2,505,637	3,979,395	(1,473,758)	(37.0)	4,202,515				
Total federal	3,888,894	4,994,849	(1,105,955)	(22.1)	4,430,562	18,505,637	19,979,395	(1,473,758)	(7.4)	20,202,515				
Total contract, sales tax and grant revenue	\$ 51,072,064	\$ 58,018,143	\$ (6,946,079)	(12.0)	\$ 43,074,514	\$ 230,451,260	\$ 242,495,036	\$ (12,043,776)	(5.0)	\$ 225,138,973				

#### Metro Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

			Current			Year to Date								
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual Budget		\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year				
Personnel expense														
Wages	\$ 31,194,433	\$ 32,288,358	\$ 1,093,925	3.4	\$ 29,795,128	\$ 122,095,129 \$	127,848,494	\$ 5,753,365	4.5	\$ 119,454,941				
Company paid benefits														
Payroll related taxes and insurance														
FICA	2,172,774	2,446,639	273,865	11.2	2,069,711	8,553,056	9,675,541	1,122,485	11.6	8,333,006				
Unemployment insurance	38,896	105,810	66,914	63.2	76,968	300,658	793,309	492,651	62.1	429,328				
Worker's compensation insurance	2,129,742	976,575	(1,153,167)	(118.1)	2,150,019	5,939,993	3,843,333	(2,096,660)	(54.6)	5,397,902				
Health and welfare														
Medical	5,536,996	6,608,422	1,071,426	16.2	3,428,269	21,984,098	26,362,349	4,378,251	16.6	22,376,644				
Dental	144,355	143,335	(1,020)	(0.7)	146,518	594,701	571,496	(23,205)	(4.1)	548,503				
Other post employment benefits	430,680	401,140	(29,540)	(7.4)	1,187,904	1,722,821	1,597,657	(125,164)	(7.8)	2,056,682				
Life insurance / AD&D	121,457	128,852	7,395	5.7	117,398	447,462	514,763	67,301	13.1	465,192				
Short and long term disability	45,431	50,888	5,457	10.7	85,769	237,627	203,553	(34,074)	(16.7)	291,399				
FMLA administration expense	-	14,711	14,711	100.0	15,801	21,175	58,646	37,471	63.9	61,349				
EAP expense	8,872	9,143	271	3.0	9,212	36,412	36,453	41	0.1	34,686				
Retirement														
Pension expense	8,566,448	3,066,411	(5,500,037)	(179.4)	4,021,211	22,261,016	12,222,274	(10,038,742)	(82.1)	13,265,726				
401 K contributions	355,772	504,460	148,688	29.5	359,771	1,443,702	2,017,839	574,137	28.5	1,295,998				
Other														
Uniform allowance	232,414	200,503	(31,911)	(15.9)	178,368	1,121,810	1,060,091	(61,719)	(5.8)	1,056,708				
Miscellaneous benefits	832	5,473	4,641	84.8	326	12,071	21,890	9,819	44.9	9,928				
Benefit costs applied to capital projects	(87,978)	(100,659)	(12,681)	(12.6)	(135,752)	(492,657)	(402,636)	90,021	22.4	(424,331)				
Total company paid benefits	19,696,691	14,561,703	(5,134,988)	(35.3)	13,711,493	64,183,945	58,576,558	(5,607,387)	(9.6)	55,198,720				
Total wages and benefits	\$ 50,891,124	\$ 46,850,061	\$ (4,041,063)	(8.6)	\$ 43,506,621	\$ 186,279,074 \$	186,425,052	\$ 145,978	0.1	\$ 174,653,661				

#### Metro Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

	Total	Revenue Fund						Prop M Fund		Prop A Fund		Sales Tax Capital Fund		Commodity Fund		Insurance Fund		Other estricted Fund
Balance April 1, 2017 Cash & Investments	\$ 180,121,704	\$ 1,420,090	\$	39,378,729	\$	15,772,567	\$	49,626,921	\$	32,071,539	\$	21,303,564	\$	3,910,723	\$	8,141,763	\$	8,495,808
Add :																		
Passenger Fares	11,026,768	11,026,768		-		-		-		-		-		-		-		-
City of St. Louis	8,613,135	-		8,613,135		-		-		-		-		-		-		-
St. Louis County	24,741,628	-		24,741,628		-		-		-		-		-		-		-
St. Clair County	9,515,396	-		9,515,396		-		-		-		-		-		-		-
FTA	12,945,281	-		12,945,281		-		-		-		-		-		-		-
Commodity Fund	72,756	-		-		-		-		-		-		72,756		-		-
All Other	11,649,249	 -		11,402,300		14,832		125,531		60,221		31,871		-		13,742		752
Cash Receipts	78,564,213	11,026,768		67,217,740		14,832		125,531		60,221		31,871		72,756		13,742		752
Interfund Transfers	<u> </u>	 (11,389,277)		6,762,838		-		<u> </u>		1,281,000		919,704		-		2,430,651		(4,916)
Less:																		
Cash Disbursements	(94,042,202)	 (62,067)		(86,604,619)		-		(2,389,521)				(42,699)		(20,847)		(4,922,289)		(160)
Balance June 30, 2017																		
Cash & Investments	164,643,715	 995,514		26,754,688		15,787,399	_	47,362,931		33,412,760	-	22,212,440	-	3,962,632		5,663,867	-	8,491,484
Less:																		
Pre-Encumbrances & Restrictions																		
Local Match - Approved Grants	33,632,768	-		-		-		31,595,538		-		2,037,230		-		-		-
- Grant Applications	13,447,673	-		-		-		13,447,673		-		-		-		-		-
<ul> <li>Long Range Capital Programs (1)</li> </ul>	22,494,930	-		-		-		2,319,720		-		20,175,210		-		-		-
SIR Worker Comp Pledged Funds	2,405,000	-		-		-		-		-		-		-		2,405,000		-
Other Restrictions	92,663,344	995,514		26,754,688		15,787,399		-		33,412,760		-		3,962,632		3,258,867		8,491,484
Total Restrictions	164,643,715	 995,514		26,754,688		15,787,399		47,362,931		33,412,760		22,212,440		3,962,632	-	5,663,867		8,491,484
Unencumbered Cash & Investments	\$-	\$ -	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

(1) Restricted to finance obligations.

## Metro Cross County Metrolink Debt Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017

## (unaudited)

	5	Total Trustee Statements	Revenue Funds		D	ebt Service Funds	kpense Funds	Debt Service Reserve Funds		
Balance April 1, 2017 Cash & investments	\$ 47,930,772		\$	\$ -		14,618,144	\$ 68,220	\$ 33,244,408		
Add cash receipts:										
St. Louis County sales tax - Prop M		9,781,583		9,781,583		-	-		-	
St. Louis County sales tax - Prop A		19,545,964		19,545,964		-	-		-	
St. Louis City sales tax - Prop M		2,407,955		2,407,955		-	-		-	
St. Louis City sales tax - Prop M2		2,407,955		2,407,955		-	-		-	
Interest received		251,794		5,781		12,981	 104		232,928	
Total cash receipts		34,395,251		34,149,238		12,981	104		232,928	
Less fund disbursements:										
Debt service - Series 2009		(2,383,988)		-		(2,383,988)	-		-	
Debt service - Series 2013A		(7,390,156)		-		(7,390,156)	-		-	
Debt service - Series 2013B		(706,500)		-		(706,500)	-		-	
Prop M/Prop A to Metro		(26,853,147)	(	26,853,147)		-	 -		-	
Total disbursements		(37,333,791)	(	(26,853,147)		(10,480,644)	-		-	
Interfund transfers:										
Transfer to General Revenue Fund		-		(7,296,091)		7,296,091	-		-	
Total interfund transfers		-		(7,296,091)		7,296,091	-		-	
Balance June 30, 2017										
Cash & investments	\$	44,992,232	\$	-	\$	11,446,572	\$ 68,324	\$	33,477,336	

### Metro Transit Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

S       61.391/193         Payments to end/ores       S       61.391/193         Payments to end/ores       (182.380.00)       Interest received on capital lease       S       6.371.282         Payments to vend/ors       (22.133.461)       Interest received on capital lease       S       6.371.282         Receipts (payments) from inter-fund activity       2.489.179       Capital twer lease industriest actured on capital lease       S       6.371.282         Nonceash Activities       (22.731.731)       Changes in Unitude Caso on Full lease       S       6.371.282         Nonceash provided by (used in)       (22.731.731)       Changes in Unitude Caso on Full lease       S       6.371.282         Cash flows from on capital financing activities       (22.731.731)       Changes in Unitude Caso on Full lease       S       6.371.282         Cash flows from on capital financing activities       (22.731.731)       Changes in Unitude Caso on Full lease       9.371.282         Cash flows from capital and related financing activities       (22.731.731)       Changes in Unitude Caso on Full lease       9.371.282         Nonceash provided by (used in)       (23.4837)       Deferred Casa fuel lease       (10.0102)         Nonceash provided by (used in)       (23.158)       Payments       (24.1517.378)       Payments       (27.680.000)       Pay	Cash flows from operating activities			Supplemental disclosure of cash flow information	
Payments to enployees       (162,380,000)       Noncash Activities:       5.371,282         Payments for self-insurance       (23,133,468)       Interest accued on capital lease       6.371,282         Receipits (sepaments) from inter-fund activity       2.488,179       Capital tower lease adjustment       14,374         Net cash provided by (used in)       (22,731,731)       Changes in Unterded Pension Libility       4.474,337         operating activities       (22,731,731)       Changes in Unterded Pension Libility       4.474,337         Cash flows from non capital financing activities       (22,731,731)       Changes in Unterded Pension Libility       4.474,337         Cash flows from non capital financing activities       (32,732,073)       Defored Loss Anortization       419,918         Operating assistance received       (232,392,078)       Premium on bonds       (22,331         Noncoparating contributions       (313,158)       Defored charges       (100,102)         Net cash provided by (used in)       (21,118,888)       (20,301,674       V       V         Cash flows from capital and related financing activities       (20,304,678)       V       V       V         Cash flows from capital and related financing activities       (20,304,678)       V       V       V       V         Payments of ong-tend tharding activiti		\$	51.391.193		
Payments to vendoris       (76,086,545)       Interest accred on capital lease       \$ 6,371,282         Receipts (payments) from interfund activity       2,499,179       Capital tower lease adjustment       14,374         Receipts (payments) from interfund activity       2,499,179       Capital tower lease adjustment       14,374         Net cash provided by (used in)       (227,731,731)       Changes in Unreliated Loss on Full Hodge       847,372         Operating activities       (227,731,731)       Changes in Unreliated Loss on Full Hodge       847,372         Operating assistance received       232,392,078       Premum on bonds       12,231         Operating assistance received       (343,437)       Deferred Loss Anoncitation       14,974         Nonoperating contributions       (313,158)       Deferred Loss Anoncitation       12,932         Nonoperating contributions       (313,158)       Deferred Loss Anoncitation       12,932         Nonoperating contributions       (21,118,88)       Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)       Vertice and Anoncitation       Vertice and Anoncitation         Partnases of Investments       98,744,599       Just Anoncitation       Vertice and Anoncitation       Vertice and Anoncitation         Proceeds from sal		Ŧ		Noncash Activities:	
Payments for self-insurance       (23,133,468)       Interest accrued on capital lease       (6,371,282)         Net cash provided by (used in)       (22,731,731)       Capital lower lease adjustmenta       (4,474)         operating activities       (22,731,731)       Changes in Unrealized Loss on Fuel Hedge       847,872         Cash flows from non capital financing activities       (62,20,392,078)       Deferred Loss Amoritzation       (2,265)         Operating assistance received       (232,392,078)       Deferred Loss Amoritzation       (2,265)         Operating assistance received       (343,370)       Deferred Loss Amoritzation       (2,265)         Net transfers       (934,837)       Nonoperating activities       (100,102)         Net transfers       (313,158)       Deferred charges       (100,102)         Net transfers       (313,158)       Deferred charges       (100,102)         Nonoperating activities       (2,394,678)       Deferred charges       (100,102)         Cash flows from capital and related financing activities       (2,394,678)       Deferred charges       (100,102)         Net cash provided by (used in)       (20,394,678)       (23,392,720)       Deferred charges       (100,102)         Cash flows from investing activities       (76,751,458)       (76,751,458)       (76,751,458)       (76,7				Interest received on capital lease \$	6.371.282
Receipts (payments) from inter-fund activity       2,489,179       Capital tower lease adjustment       14,374         Net cash provided by (used in)       (227,731,731)       Capital tower lease interest amountability       4,474,330         Operating activities       (227,731,731)       Canages in Unfunded Pension Liability       4,674,330         Cash flows from non capital financing activities       (227,731,731)       Canages in Unfunded Pension Liability       4,674,392         Cash flows from non capital financing activities       (227,731,731)       Canages in Unfunded Pension Liability       4,674,392         Cash flows from non capital financing activities       (242,409)       Deferred Loss Amotization       (2,055)         Operating contributions       (313,158)       Defeord Loss Amotization       (100,102)         Nonoperating contributions       (313,158)       Defeord Loss Amotization       (100,102)         Net cash provided by (used in)       (21,1583)       Cash flows from capital and related financing activities       (21,21,588)         Cash flows from capital and related financing activities       (20,304,678)       Cash flows from capital and related financing activities       (20,304,678)         Cash flows from capital and related financing activities       (23,52,720)       Net cash provided by (used in)       (23,52,720)         Net cash provided by (used in)       (34,56,5					
Net cash provided by (used in) operating activities       (227,731,731)       Capital lower lease interest amotization       (34,370)         Cash flows from non capital financing activities       (227,731,731)       Changes in Unrealized Loss on Fuel Hedge       847,972         Cash flows from non capital financing activities       (34,370)       (54,409)       Defrain on disposed of fixed assets       50,377         Defraing assistance received       (23,232,078)       Defrain on disposed of fixed assets       (100,102)         Net transfers       (934,837)       Deferred Loss Amotization       (21,3158)         Nonoperating contributions to cutside entities       (20,304,676)       Deferred charges       (100,102)         Net cash provided by (used in) non capital and related financing activities       (20,304,676)       Deferred charges       (20,304,676)         Cash flows from capital and related financing activities       (20,304,676)       (21,1588)       (20,304,676)         Cash flows from investing activities       (23,522,720)       1,855,579       1,855,579         Net increase (decrease) in cash and cash equivalents       6,147,985       (23,402,720)       1,855,579         Net increases (decrease) in cash and cash equivalents, beginning of year       (4,40,413)       (4,403,41)       (4,40,41)					
Net cash provided by (used in)       Changes in Unfunded Pension Liability       4.674.339         Operating activities       (227.731.731)       Changes in Unfunded Pension Liability       4.674.339         Cash flows from non capital financing activities       (237.731.731)       Changes in Unfunded Pension Liability       4.674.339         Cosh flows from non capital financing activities       (232.392.078)       Premium on bonds       (2.805)         Contributions to outside entities       (642.409)       Deferred charges       (100.102)         Net transfers       (934.837)       Premium on bonds       (2.231.202.078)         Net cash provided by (used in)       (100.102)       (100.102)         Net transfers       (934.837)       (100.102)         Net cash provided by (used in)       (230.601.674)       (100.102)         Cash flows from capital financing activities       (21.118.889)       (20.304.678)         Payments of long term debt       (74.790.000)       (21.118.889)       (20.304.678)         Cash flows from capital and related financing activities       (20.304.678)       (23.592.720)         Cash flows from sale of investments       (76.751.458)       (23.592.720)         Net cash provided by (used in)       (23.592.720)       (25.447.985         Net cash qeuivalents       (6.147.985) <td< th=""><th></th><th></th><th>,, -</th><th></th><th></th></td<>			,, -		
operating activities(227.731.731)Changes in Unrealized Loss on Fuel Hedge847.972Cash flows from non capital financing activities50.377Deferred Loss Amorization419.918Contributions to outside entities(28.05)(28.05)(28.05)Contributions to outside entities(934.837)Deferred charges(100.102)Nonoperating contributions(313.168)(313.168)(313.168)Net cash provided by (used in) non capital and related financing activities(313.168)(313.168)Acquisitions of capital assets(41.517.378) (7.800.000) Interest Paid(20.304.678)(21.118.889)Cash flows from capital and related financing activities(20.304.678)(23.362.720)Cash flows from saje of investments(76.751.458) 9.8745.599(23.582.720)Net cash provided by (used in) investing activities(23.582.720)Cash flows from investing activities(23.362.720)Net cash provided by (used in) investing activities(23.582.720)Net cash provided by (used in) investing activities(23.582.720)Net cash provided by (used in) investing activities(3.17.378) (76.751.458)Purchases (decrease) in cash and cash equivalents(5.147.985)Cash and cash equivalents, beginning of year(9.4.40.431)	Net cash provided by (used in)				
Cash flows from non capital financing activities     60.377       Operating assistance received     232,392,078       Discounts on bonds     (2,805)       Operating assistance received     (34,837)       Nonoperating contributions     (31,158)       Net cash provided by (used in) non capital financing activities     (31,158)       Cash flows from acpital and related financing activities     (41,517,378)       Acquisitions of capital assets     (41,517,378)       Payments of long-term debt     (7,800,000)       Interest Paid     (20,304,678)       Cash flows from investing activities     (20,304,678)       Cash flows from sale of investments     (76,751,468)       Proceeds from sale of investments     (76,751,468)       Net cash equivalents     (76,751,468)       and cash equivalents			(227,731,731)		
Cash flows from non capital financing activities       419.918       00         Operating assistance received       232.392.078       Premium on bonds       12.231         Contributions to outside entities       (542,409)       Deferred charges       (100,102)         Net transfers       (34,837)       Nonoperating contributions       (313,158)       (313,158)         Net cash provided by (used in) non capital financing activities       230,801,674       (41,517,378)       (7,800,000)         Payments of long-term debt       (7,800,000)       (7,800,000)       (7,800,000)       (7,800,000)         Interest Paid       (21,118,388)       Co211,588       (20,304,678)       (20,304,678)         Cash flows from notesting activities       (20,304,678)       (20,304,678)       (7,800,000)         Cash flows from investing activities       (20,304,678)       (20,304,678)       (20,304,678)         Cash flows from investing activities       (20,304,678)       (20,304,678)       (20,304,678)         Purchases of investments       (9,746,599)       (10,152,579)       (10,152,579)         Net cash provided by (used in) interest received       (23,582,720)       (23,582,720)       (23,582,720)         Net increase (decrease) in cash and cash equivalents       (6,147,985)       (24,640,431)       (24,640,431)					
Cash flows from no capital financing activities       Discourts on bonds       (2.805)         Operating assistance received       223.392.078       Premium on bonds       (2.231)         Contributions to outside entities       (542,409)       Deferred charges       (100,102)         Net transfers       (334,837)       (313.158)       (2.805)         Net cash provided by (used in) non capital financing activities       (21,117,878)       (21,117,878)         Payments of long-term debt       (7,880,000)       (21,118,888)       (20,304,676)         Cash flows from investing activities       (20,304,676)       (20,304,676)       (21,1588)         Cash flows from investiments       (27,6751,458)       (20,304,676)       (21,158,559)         Purchases of investiments       (27,6751,458)       (20,304,676)       (21,158,559)         Net cash provided by (used in) related financing activities       (20,304,676)       (21,158,559)       (23,352,720)         Net cash provided by (used in) interest received       (23,552,720)       (23,552,720)       (23,552,720)         Net increase (decrease) in cash and cash equivalents, beginning of year       (24,410,431)       (24,410,431)       (24,410,431)				•	419,918
Operating assistance received     223,392,078     Premium on bonds     12,231       Contributions to outside entities     (634,409)     Deferred charges     (100,102)       Net transfers     (33,158)     Net cash provided by (used in)     (313,158)       Net cash provided by (used in)     230,601,674     (23,11,78)       Cash flows from capital and related financing activities     (41,517,378)     (23,000)       Payments of long-term debt     (7,800,000)     (11,11,888)       Cash flows from capital and     (21,118,888)     (21,118,888)       Cash flows from capital and     (21,118,888)     (20,304,678)       Cash flows from investing activities     (76,751,458)     (20,304,678)       Purchases of investments     (76,751,458)     (76,751,458)       Proceeds from sale of investments     (98,744,599)     (11,585,579)       Net cash provided by (used in)     23,582,720     (23,582,720)       Net increase (decrease) in cash and cash equivalents, beginning of year     (24,410,431)	Cash flows from non capital financing activities			Discounts on bonds	
Contributions to outside entities       (542,409)       Deferred charges       (100,102)         Net transfers       (934,837)       (313,159)       (100,102)         Nonoperating contributions       (313,159)       (100,102)       (100,102)         Cash flows from capital and related financing activities       (100,102)       (100,102)         Payments of long-term debt       (100,102)       (100,102)       (100,102)         Interest Paid       (21,118,88)       (21,118,88)       (21,118,88)       (21,118,88)         Cash flows from capital and related financing activities       (20,304,678)       (20,304,678)       (21,118,85,579)         Net cash provided by (used in) investing activities       (23,582,720)       (23,582,720)       (23,582,720)       (23,582,720)			232,392,078	Premium on bonds	
Net transfers       (934,837)         Nonoperating contributions       (313,159)         Net cash provided by (used in) non capital financing activities       230,601,674         Cash flows from capital and related financing activities       (41,517,378)         Payments of long-term debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Purchases of investments       (98,748,599)         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents, beginning of year       6,147,985			(542,409)	Deferred charges	
Nonoperating contributions       (313,159)         Net cash provided by (used in)       230,601,674         Cash flows from capital and related financing activities       (41,517,378)         Payments of long-term debt       (7,802,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Cash flows from investing activities       (23,582,720)         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents, beginning of year       6,147,985			,		(,)
Net cash provided by (used in) non capital financing activities       230,601,674         Cash flows from capital and related financing activities       (41,517,378)         Acquisitions of capital assets       (41,517,378)         Payments of long-term debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Purchases of investing activities       (20,304,678)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       (76,751,458)         Proceeds from sale of investments       (23,582,720)         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431					
non capital financing activities     230,601,674       Cash flows from capital and related financing activities     (41,517,378)       Acquisitions of capital assets     (41,517,378)       Payments of long-term debt     (7,880,000)       Interest Paid     (21,118,888)       Cosh flows from capital and related financing activities     50,211,588       Cash flows from capital and related financing activities     (20,304,678)       Cash flows from investing activities     (20,304,678)       Purchases of investments     (76,751,458)       Proceeds from sale of investments     (76,751,458)       Proceeds from sale of investments     (23,582,720)       Net cash provided by (used in)     23,582,720       Net increase (decrease) in cash and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431	Nonoperating contributions		(313,136)		
non capital financing activities     230,601,674       Cash flows from capital and related financing activities     (41,517,378)       Acquisitions of capital assets     (41,517,378)       Payments of long-term debt     (7,880,000)       Interest Paid     (21,118,888)       Cosh flows from capital and related financing activities     50,211,588       Cash flows from capital and related financing activities     (20,304,678)       Cash flows from investing activities     (20,304,678)       Purchases of investments     (76,751,458)       Proceeds from sale of investments     (76,751,458)       Proceeds from sale of investments     (23,582,720)       Net cash provided by (used in)     23,582,720       Net increase (decrease) in cash and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431	Net cash provided by (used in)				
Cash flows from capital and related financing activities         Acquisitions of capital assets       (41,517,378)         Payments of long-tern debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1.585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431			230.601.674		
Acquisitions of capital assets       (41,517,378)         Payments of long-term debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Purchases of investments       (20,304,678)         Purchases of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents, beginning of year       6,147,985	Sector Sector				
Acquisitions of capital assets       (41,517,378)         Payments of long-term debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Purchases of investments       (20,304,678)         Purchases of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents, beginning of year       6,147,985					
Payments of long-term debt       (7,880,000)         Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents, beginning of year       6,147,985					
Interest Paid       (21,118,888)         Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431					
Contributed capital       50,211,588         Cash flows from capital and related financing activities       (20,304,678)         Purchases of investments       (76,751,458)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431					
Cash flows from capital and related financing activities       (20,304,678)         Cash flows from investing activities       (20,304,678)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in) investing activities       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431					
related financing activities       (20,304,678)         Cash flows from investing activities       (76,751,458)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in)       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431	Contributed capital		50,211,588		
related financing activities       (20,304,678)         Cash flows from investing activities       (76,751,458)         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in)       23,582,720         Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431	Cash flows from canital and				
Cash flows from investing activities         Purchases of investments       (76,751,458)         Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in)       23,582,720         Net increase (decrease) in cash       6,147,985         Cash and cash equivalents, beginning of year       94,410,431			(20.304.678)		
Purchases of investments(76,751,458)Proceeds from sale of investments98,748,599Interest received1,585,579Net cash provided by (used in) investing activities23,582,720Net increase (decrease) in cash and cash equivalents6,147,985Cash and cash equivalents, beginning of year94,410,431	······································		(,)		
Purchases of investments(76,751,458)Proceeds from sale of investments98,748,599Interest received1,585,579Net cash provided by (used in) investing activities23,582,720Net increase (decrease) in cash and cash equivalents6,147,985Cash and cash equivalents, beginning of year94,410,431					
Proceeds from sale of investments       98,748,599         Interest received       1,585,579         Net cash provided by (used in)       23,582,720         Net increase (decrease) in cash       6,147,985         Cash and cash equivalents, beginning of year       94,410,431	5				
Interest received       1,585,579         Net cash provided by (used in)       23,582,720         Net increase (decrease) in cash       23,582,720         Net increase (decrease) in cash       6,147,985         Cash and cash equivalents, beginning of year       94,410,431					
Net cash provided by (used in) investing activities23,582,720Net increase (decrease) in cash and cash equivalents6,147,985Cash and cash equivalents, beginning of year94,410,431					
investing activities     23,582,720       Net increase (decrease) in cash and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431	Interest received		1,585,579		
investing activities     23,582,720       Net increase (decrease) in cash and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431	Net cash provided by (used in)				
Net increase (decrease) in cash and cash equivalents       6,147,985         Cash and cash equivalents, beginning of year       94,410,431			23 582 720		
and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431			20,002,120		
and cash equivalents     6,147,985       Cash and cash equivalents, beginning of year     94,410,431	N /1				
Cash and cash equivalents, beginning of year 94,410,431			0.4.47.005		
	and cash equivalents		6,147,985		
	Cash and cash equivalents, beginning of year		94,410,431		
Cash and cash equivalents, year to date \$ 100,558,416			<u> </u>		
	Cash and cash equivalents, year to date	\$	100,558,416		

## Metro Schedule of Aged Receivables June 30, 2017 (unaudited)

	 ess than 30 days	 31-60 days	 61-90 days	 91-180 days	1	81-360 days	3	Over 61 days	 Total
Due from TMA Customers	\$ 537,859	\$ -	\$ -	\$ 11,393	\$	10,609	\$	53,421	\$ 613,282
Due from Call-A-Ride	148,080	428	1,352	-		-		-	149,860
Due from Advertising (Marketing)	2,246	-	-	-		-		-	2,246
Due from Leases and Rents	116,779	2,000	-	2,662		518		-	121,959
Due from Auxiliary Services/Others	1,265,497	-	-	-		-		-	1,265,497
Due from Grants (Accounting)	20,313,650	-	1,017,975	299,141		696,630		85,380	22,412,776
Due from Passes	 311,909	 1,923	 -	 109,657		100		-	 423,589
Total	\$ 22,696,020	\$ 4,351	\$ 1,019,327	\$ 422,853	\$	707,857	\$	138,801	\$ 24,989,209

#### Metro Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description		Budget	 Current	Ye	ar-To-Date	Li	fe-To-Date	 Balance
Project #								
1237 CAR Van Replacement FY07	\$	3,491,806	\$ -	\$	3,649	\$	2,916,821	\$ 574,985
1279 Fare Collection System Upgrade/Replacement (06 Earmark)		31,612,483	820,862		2,255,214		27,275,034	4,337,449
1361 Radio System CAD/AVL		23,869,707	3,276		3,543,204		14,002,176	9,867,531
1530 Eads Bridge Rehab ARRA		25,338,774	-		-		25,338,774	-
1574 CAR Van Replacement		8,650,166	-		1,201,788		8,334,096	316,070
1666 Slope Stabilization	z	4,097,297	8,348		8,348		4,097,297	-
1668 Embankment Erosion	z	3,223,073	26,544		72,420		645,690	2,577,383
1708 Feeder Wire/Water Mitigation MO12	z	1,058,564	-		(21,452)		686,969	371,595
1722 Missouri Slopes Stability	z	1,144,600	36,292		42,967		852,936	291,664
1723 MO OCS Wire Rehab	z	1,663,664	-		67,860		1,706,023	(42,359)
1734 EADS Bridge Rehab Phase II		29,708,943	-		376,826		17,836,813	11,872,130
1739 Civic Center Transfer Center		10,577,894	2,210,269		6,080,981		7,646,786	2,931,108
1755 IT Systems Upgrade Yr 2 - FY13		1,225,750	41,222		144,931		720,382	505,368
1756 North County Transit Center		10,331,824	18,414		170,694		10,279,428	52,396
1817 Radio System Tower Sites		6,555,992	-		258,311		3,868,850	2,687,142
1844 Tactile Warning Strip Phase II	z	1,547,254	-		1,764		1,026,830	520,424
1845 MOW SGR Inventory-Database Development		1,031,701	-		829		1,031,701	-
1848 Articulated Buses		11,428,195	-		-		6,490,426	4,937,769
1855 Arch Bike Trail	z	1,105,000	-		715,289		996,548	108,452
1860 Bus Procurement Duluth		20,911,804	-		-		20,910,583	1,221
1862 North County Transit Phase II		2,200,481	-		11,535		1,664,683	535,798

#### Metro Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Desc	ription		Budget	 Current	Ye	ar-To-Date	l	Life-To-Date	 Balance
Proje	ects continued								
1863	Bus Procurement Duluth II	\$	11,221,910	\$ 2,133	\$	2,133	\$	10,895,813	\$ 326,097
1869	Phase 1 Audio Frequency Circuit		3,101,678	-		1,020,553		1,374,287	1,727,391
1875	Rail Tie Replace Year 3	z	1,927,270	-		72,907		2,000,177	(72,907)
1885	TOI Operation Management Software		2,859,367	91,093		665,794		1,272,751	1,586,616
1887	TOI Transit Business Intellegence		1,031,572	1,803		1,803		1,803	1,029,769
1905	Buses - FY13 CMAQ		18,565,431	-		-		18,206,956	358,475
1937	Innovative High School Career	z	2,129,435	-		-		-	2,129,435
1941	Duluth Piggyback III 40'		12,692,289	-		2,092		12,353,835	338,454
1955	Spruce Street Bridge		7,549,171	206,437		1,306,574		7,016,138	533,033
1959	Z-Gate Ped Barriers & Fence		1,257,938	10,464		27,447		320,431	937,507
1960	Rail ROW Repairs-MP 0-15.4 MO		1,905,200	-		138		66,612	1,838,588
1962	Elevator Rehab - 8 Units - MO		2,749,100	50,018		73,663		214,788	2,534,312
1973	Portable Bus Lifting System - MO		1,004,619	-		-		535,965	468,654
1983	DC to AC Rail Car Upgrades		22,500,000	-		-		-	22,500,000
1988	Ewing Wall Rehabilitation		10,037,743	-		4,067,955		4,975,303	5,062,440
1991	Financial Report-Budget Software		1,056,763	131,300		421,600		548,600	508,163
1997	IL Bus Facility Rehabilitation		1,850,692	-		600,565		615,415	1,235,277
2000	Administrative Facility		1,604,600	53,657		154,071		1,176,677	427,923
2020	Feeder Wire-Water Mitigation	z	1,644,372	-		53,254		925,353	719,019
2021	Bus Northwest Connector	Z	2,355,536	-		-		-	2,355,536
2030	FY15 100% 7 SCCTD Buses		2,076,050	-		-		2,069,685	6,365
2035	Mobile Data Terminal		1,050,000	-		-		-	1,050,000
2053	Buses (4) FY15 Formula		3,238,353	-		-		-	3,238,353
2054	Call-A-Ride Vans (7) FY15		2,161,300	-		849,320		849,320	1,311,980

#### Metro Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description		Budget	Current	Year-To-Date	Life-To-Date	Balance
Projects continued						
2057 Non-Rev Vehicles (16) MO FY14	\$	1,146,145	\$-	\$-	\$-	\$ 1,146,145
2060 Boyle Street ML Station		13,203,577	379,215	2,094,262	2,137,612	11,065,965
2061 CWE ML Station Rehab		1,544,046	230,923	243,649	243,649	1,300,397
2070 DC to AC Propulsion YR 2		3,900,303	-	-	-	3,900,303
2077 Buses FY15 Bus Facility		3,615,724	437,957	3,065,699	3,065,699	550,025
2078 Buses FY14 CMAQ		5,210,000	437,957	4,817,527	4,817,527	392,473
2079 MO Buses		4,018,076	-	3,503,656	3,503,656	514,420
2081 Convention Center Escalator FY15 SGR		1,103,500	-	-	-	1,103,500
2094 CAR Vans (7) FY14 Fed Formula		1,479,456	-	849,320	849,320	630,136
2108 Buses (8) IDOT Reimburse SCCTD		3,792,738	1,751,828	1,751,828	1,751,828	2,040,910
2109 Union Station Tunnel		7,110,000	295,582	702,822	703,079	6,406,921
2113 TAM-EAM System Development		3,000,000	-	-	-	3,000,000
2116 FY16 Preventive Maintenance	Z	20,000,000	-	20,000,000	20,000,000	-
2119 Buses - FY15 CMAQ		10,000,000	-	-	-	10,000,000
2122 Buses - FY16 Bus Facility		3,504,438	-	-	-	3,504,438
2125 CAR Van Replacement FY15 STP		1,000,000	-	-	-	1,000,000
2143 CCTV Cameras		2,100,500	-	-	-	2,100,500
2145 Public Address System Upgrade		1,960,000	-	-	-	1,960,000
2149 Non-Revenue Vehicles MO (26) FY15/16		1,137,500	-	-	-	1,137,500
2165 FY17 Preventive Maintenance	z	20,000,000	-	-	-	20,000,000
2175 Buses FY16 Fed Formula		1,356,532	-	-	-	1,356,532
All others	*Z	40,030,028	318,624	3,666,903	19,103,308	20,926,720
Total Active Projects	\$	468,557,924	\$ 7,564,218	\$ 64,950,693	\$ 279,924,433	\$ 188,633,491

\* "All Others" list all projects with a budget less than one million dollars.

z Some Projects/Awards do not produce a fixed asset; they are considered operating expenditures.





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# St. Louis Downtown Airport

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

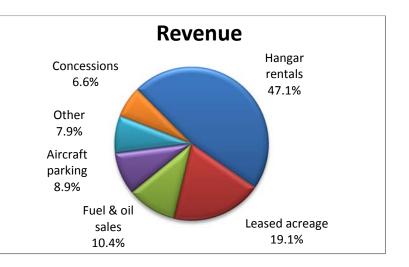
# Fast Facts

Gateway Jets welcomed over one hundred guests at their new hangar location at St. Louis Downtown Airport. The Gateway Jets hanger is located at the southwest corner of the airport. Gateway Jets provides aircraft management services.

## **Financial Data**

**Loss before depreciation** was \$240.0 thousand. This result is unfavorable compared to the prior fiscal year by \$51.0 thousand or 27.0%.

**Revenue** increased approximately \$34.4 thousand compared to prior fiscal year. Increases revenue is due to higher hanger rental income. Actual revenue was 4.8% greater compared to budget.



Total **Expense** is \$1.8 million. This is an increase of \$85.4 thousand over the prior year and \$188.8 thousand over budget.

Wages and benefits are 3.2% greater than fiscal year 2016.

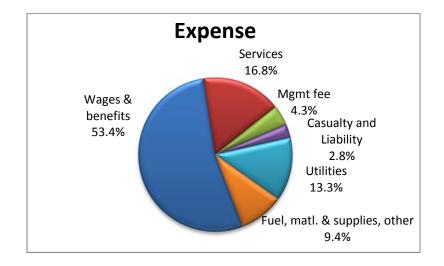
**Services** increased \$122.1 thousand compared to the prior year due to legal fees and outside services related to future airport initiatives.

**Utilities** are greater than the prior year by \$61.7 thousand. This is due to unusually high water bills which are in dispute at June 30, 2017.

# St. Louis Downtown Airport

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)



## Performance Data

	Performance	Indicators	
YTD	Fuel sales (gallons)	Aircraft movements	Avg. based aircraft
FY17 Actual	1,680,533	106,588	319
FY17 Budget	1,773,630	90,000	320
FY16 Actual	1,849,645	101,227	326

Average based aircraft is seven below prior year levels.

**Aircraft movements** increased 5.3% over the prior year while fuel sales decreased 9.1% from the prior year. Airport activity can vary because of the economy, weather conditions and special events.

#### St. Louis Downtown Airport Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current	1			Prior Year	
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
Assets							
Current assets Cash Accounts and notes receivable Interfund accounts receivable Materials and supplies inventory Other current assets	\$ 535,460 72,649 61,591	\$ 519,077 100,696 - 61,592 23,861	\$ 16,383 (28,047) - (1) (23,861)	3.2 (27.9) n/a - (100.0)	\$ 607,682 41,618 153,954 61,591 16,111	\$ (72,222) 31,031 (153,954) - (16,111)	(11.9) 74.6 (100.0) - (100.0)
Total current assets	669,700	705,226	(35,526)	(5.0)	880,956	(211,256)	(24.0)
Capital assets Capital assets Accumulated depreciation Total capital assets, net	52,830,145 (35,921,977) 16,908,168	52,803,944 (35,552,949) 17,250,995	26,201 (369,028) (342,827)	0.0 (1.0) (2.0)	52,803,944 (34,443,522) 18,360,422	26,201 (1,478,455) (1,452,254)	0.0 (4.3) (7.9)
Land Construction-in-process Total capital assets	4,542,564 105,816 21,556,548	4,542,564 54,408 21,847,967	51,408	- 94.5 (1.3)	4,542,564 18,887 22,921,873	- 86,929 (1,365,325)	- 460.3 (6.0)
Non-current assets Deferred charges Total non-current assets	3,916	17,138	(13,222)	(77.2)	5,883	(1,967)	(33.4)
Total assets	22,230,164	22,570,331	(340,167)	(1.5)	23,808,712	(1,578,548)	(6.6)
Total	\$ 22,230,164	\$ 22,570,331	\$ (340,167)	(1.5)	\$ 23,808,712	\$ (1,578,548)	(6.6)

#### St. Louis Downtown Airport Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current				Pric	or Year	
	 Current Period	Prior Period	Dollar Change	Percent Change	 Prior Year		Dollar Change	Percent Change
Liabilities	 1 enou	 Tenou	 onange	Change	 i cai		Change	<u> </u>
Current liabilities								
Accounts payable	\$ 98,131	\$ 3,096	\$ 95,035	n/a	\$ 16,335	\$	81,796	500.7
Interfund accounts payable	169,800	138,990	30,810	22.2	238,219		(68,419)	(28.7)
Accrued expenses	72,700	71,100	1,600	2.3	65,200		7,500	11.5
Other current liabilities	 4,100	 9,818	 (5,718)	(58.2)	 3,063		1,037	33.9
Total current liabilities	 344,731	 223,004	 121,727	54.6	 322,817		21,914	6.8
Current liab payable from restricted assets Accounts payable and retention	 786	 -	 786	n/a	 -		786	n/a
Total current liabilities payable from restricted assets	786	-	786	n/a	-		786	n/a
Total current liabilities	 345,517	-	 345,517	n/a	 -		345,517	n/a
Non-current liabilities								
Other post-employment benefits	268,744	283,847	(15,103)	(5.3)	277,007		(8,263)	(3.0)
Long-term insurance	27,154	27,154	-	-	27,154		-	-
Unfunded pension liabilities	 153,620	 153,620	 -	-	 153,620		-	-
Total non-current liabilities	 449,518	 464,621	 (15,103)	(3.3)	 457,781		(8,263)	(1.8)
Total liabilities	 795,035	 687,625	 107,410	15.6	 780,598		14,437	1.8
Net Position								
Net position - capital investments	21.583.703	21,875,121	(291,418)	(1.3)	32,954,818		(11,371,115)	(34.5)
Net position	1,569,884	1,186,704	383,180	32.3	(8,179,768)		9,749,652	119.2
Net income (loss)	 (1,718,458)	 (1,179,119)	 (539,339)	(45.7)	 (1,746,936)		28,478	1.6
Total net position	 21,435,129	 21,882,706	 (447,577)	(2.0)	 23,028,114		(1,592,985)	(6.9)
Total	\$ 22,230,164	\$ 22,570,331	\$ (340,167)	(1.5)	\$ 23,808,712	\$	(1,578,548)	(6.6)

#### St. Louis Downtown Airport Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

			Current					Year to Date		
	Actual	Budget	<pre>\$ Favorable (Unfavorable)</pre>	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
	Actual	Duuget	(onavorable)	(Onlav)		Actual	Duugei	(onlavorable)	(onav)	
Revenue										
Airport parking	\$ 36,304	\$ 34,853	\$ 1,451	4.2	\$ 34,798	\$ 139,804	\$ 139,410	\$ 394	0.3	\$ 139,350
Leased acreage	73,901	43,169	30,732	71.2	84,134	300,533	172,677	127,856	74.0	347,891
Hangar rental	191,377	202,553	(11,176)	(5.5)	173,938	744,360	810,212	(65,852)	(8.1)	670,764
Aviation sales flowage	47,727	44,341	3,386	7.6	38,899	164,026	177,366	(13,340)	(7.5)	172,239
Other operating revenue	33,017	22,514	10,503	46.7	27,514	117,622	90,054	27,568	30.6	111,681
Concessions	28,718	28,790	(72)	(0.3)	11,286	104,404	115,159	(10,755)	(9.3)	97,066
Service fee revenue	306	50	256	512.0	-	4,526	200	4,326	2,163.0	800
Interest income	623	84	539	641.7	415	1,695	334	1,361	407.5	2,803
Total revenue	411,973	376,354	35,619	9.5	370,984	1,576,970	1,505,412	71,558	4.8	1,542,594
Expense										
Wages and benefits <sup>1</sup>	252,360	249,597	(2,763)	(1.1)	237,509	967,707	1,004,643	36,936	3.7	937,749
Services	139,791	28,945	(110,846)	(383.0)	47,350	305,168	115,779	(189,389)	(163.6)	183,029
Fuel and lube consumed	3,061	7,517	4,456	59.3	5,662	13,627	25,852	12,225	47.3	17,271
Materials and supplies	42,460	34,975	(7,485)	(21.4)	16,487	120,189	128,549	8,360	6.5	119,493
Utilities	93,816	39,369	(54,447)	(138.3)	37,467	241,996	183,160	(58,836)	(32.1)	180,288
Casualty and liability costs	12,918	17,909	4,991	27.9	16,139	51,690	71,602	19,912	27.8	64,548
Other expenses	23,878	27,708	3,830	13.8	26,475	102,596	98,547	(4,049)	(4.1)	100,641
Other non-operating expense	14,000	-	(14,000)	-	126,000	14,000	-	(14,000)	-	128,565
Total expense	582,284	406,020	(176,264)	(43.4)	513,089	1,816,973	1,628,132	(188,841)	(11.6)	1,731,584
Income (loss) before depreciation	(170,311)	(29,666)	(140,645)	(474.1)	(142,105)	(240,003)	(122,720)	(117,283)	(95.6)	(188,990)
Depreciation and amortization expense	369,028	388,492	19,464	5.0	389,867	1,478,455	1,562,377	83,922	5.4	1,557,946
Net income (loss)	\$ (539,339)	\$ (418,158)	\$ (121,181)	(29.0)	\$ (531,972)	\$ (1,718,458)	\$ (1,685,097)	\$ (33,361)	(2.0)	\$ (1,746,936)

<sup>1</sup> - Detailed schedule included.

#### St. Louis Downtown Airport Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

(ui	lauuiteu	

			Cu	irrent				Year to Date								
	Actual	 Budget		avorable favorable)	% Fav (Unfav)	Р	rior Year	_	Actual		Budget		avorable avorable)	% Fav (Unfav)	Pr	ior Year
Personnel expense																
Wages	\$ 171,359	\$ 166,242	\$	(5,117)	(3.1)	\$	169,498	\$	644,219	\$	667,505	\$	23,286	3.5	\$	665,589
Company paid benefits																
Payroll related taxes and insurance																
FICA	11,908	12,718		810	6.4		11,374		44,893		51,064		6,171	12.1		46,934
Unemployment insurance	323	817		494	60.5		556		2,474		6,342		3,868	61.0		2,932
Worker's compensation insurance	16,116	7,653		(8,463)	(110.6)		10,671		65,054		30,896		(34,158)	(110.6)		36,338
Health and welfare																
Medical	35,016	24,300		(10,716)	(44.1)		27,063		126,863		97,200		(29,663)	(30.5)		106,638
Dental	776	765		(11)	(1.4)		714		3,105		3,062		(43)	(1.4)		2,509
Other post employment benefits	2,191	5,959		3,768	63.2		147		9,030		24,000		14,970	62.4		4,715
Life insurance / AD&D	296	185		(111)	(60.0)		240		1,065		738		(327)	(44.3)		794
Short and long term disability	880	1,186		306	25.8		1,293		4,177		4,743		566	11.9		4,467
FMLA administration expense	-	79		79	100.0		83		100		315		215	68.3		295
EAP expense	45	51		6	11.8		53		195		206		11	5.3		180
Retirement																
Pension expense	3,589	13,472		9,883	73.4		3,327		19,542		53,892		34,350	63.7		15,695
401 K contributions	9,396	15,670		6,274	40.0		11,310		40,263		62,678		22,415	35.8		40,664
Other																
Uniform allowance	465	500		35	7.0		1,180		6,727		2,002		(4,725)	(236.0)		9,999
Total company paid benefits	81,001	 83,355		2,354	2.8		68,011		323,488		337,138		13,650	4.0		272,160
Total wages and benefits	\$ 252,360	\$ 249,597	\$	(2,763)	(1.1)	\$	237,509	\$	967,707	\$	1,004,643	\$	36,936	3.7	\$	937,749

# St. Louis Downtown Airport Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	R	evenue Fund		estments perating Fund	Other Restricted Fund		
Balance at April 1, 2017								
Cash & Investments	\$ 519,077	\$	35,746	\$	199,485	\$	283,846	
Add:								
Customer payments	517,408		517,408		-		-	
Metro	-		-		-		-	
Interest received	 623		12		611		-	
Total cash receipts	518,031		517,420		611		-	
Interfund transfers	-		(434,983)		432,792		2,191	
Less:								
Cash disbursements	(501,648)		(876)		(500,772)		-	
Total cash disbursements	(501,648)		(876)	_	(500,772)		-	
Balance at June 30, 2017				_				
Cash & Investments	\$ 535,460	\$	117,307	\$	132,116	\$	286,037	

#### St. Louis Downtown Airport Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	(96) (60) (5	6,212 8,469) Noncash Act	osure of cash flow information ivities: al of asset	\$ 14,001
Cash flows from non capital financing activities Net cash provided by (used in) non capital financing activities		<u> </u>		
Cash flows from capital and related financing activities Acquisitions of capital assets Contributed capital Cash flows from capital and		6,344) 5,475		
related financing activities Cash flows from investing activities Interest received Net cash provided by (used in)		<u>(869)</u> 1,695		
Net increase (decrease) in cash and cash equivalents		1,695 2,222)		
Cash and cash equivalents, beginning of year	60	7,682		
Cash and cash equivalents, year to date	\$ 53	5,460		

## St. Louis Downtown Airport Schedule of Aged Receivables - Invoiced June 30, 2017 (Unaudited)

Customers owing over \$1,000		ss than 0 days	31-60 days		61-90 days	91-180 days		181-360 days		Over 361 days		 Total
Aviation Business Corporation	\$	3,088	\$	2,101	\$ 100	\$	-	\$	-	\$	-	\$ 5,289
Fostaire Helicopters		1,244		747	-		453		-		-	2,444
Greater St. Louis Air & Space Museum		1,172		-	-		103		-		-	1,275
Ideal Aviation Illinois, LLC		26,956		-	9,077		106		-		11	36,150
Jet Aviation - Cahokia, IL		6,998		-	-		-		-		-	6,998
Jet Aviation - St. Louis, MO		8,813		-	-		137		2,040		-	10,990
Parks Aviation Holdings LLC		3,839		-	-		-		-		-	3,839
William Wilson		-		-	 230		690		1,150		1,840	 3,910
Subtotal		52,110		2,848	9,407		1,489		3,190		1,851	70,895
All other customers	1	3,349		(991)	 61		(184)		(631)		329	 1,933
Total	\$	55,459	\$	1,857	\$ 9,468	\$	1,305	\$	2,559	\$	2,180	\$ 72,828

1 Some customers pay ahead creating credit balances on this report.

#### St. Louis Downtown Airport Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description		Budget		Current		Year-To-Date		Life-To-Date		Balance	
Project #											
Runup taxiway,pad,enclosure		\$	5,037,000	\$	-	\$	-	\$	-	\$	5,037,000
Earthwork - Grade Ditch Parallel to Main Runway	х		755,490		26,201		26,201		754,701		789
Environmental Assessment and ALP			165,000		2,780		86,674		86,674		78,326
Terminal Roof Replacement	х		144,700		-		-		129,773		14,927
Air Condition units on terminal			52,000		-		-		-		52,000
Airport signage			36,000		-		-		-		36,000
Total Active Projects		\$	6,190,190	\$	28,982	\$	112,875	\$	971,147	\$	5,219,043

x Projects are carryover from prior year.

# **RIVERFRONT ATTRACTIONS**





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# **Riverfront Attractions**

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

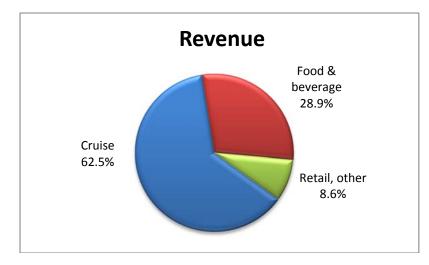
## Fast Facts

After a few days of interrupted service due to flooding, the Riverboat cruises resumed and attendance has been positive. While the Arch was running only one tram and selling out early in the morning, they were directing visitors to the Riverboats. These two factors have contributed to positive financial results.

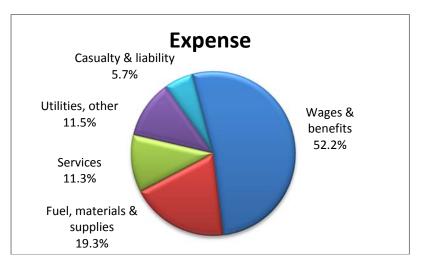
#### **Financial Data**

**Income before depreciation** for Riverfront Attractions is \$343.8 thousand compared to \$123.6 thousand in the prior year.

**Revenue** is \$2.8 million, which is 18.5% greater than the prior year, a direct result of increased passengers, cruises, and passengers on each cruise.



**Total Expense** is \$2.5 million up 9.7% from last year. Costs were lower in fiscal year 2016 due to savings realized by not utilizing seasonal employees and less food purchases for dinner cruises not taken. These savings are variable costs, which are only incurred when the boats are actively running cruises.



**Services Expense** are 5.0% greater than the prior year due to increased credit card fees and entertainment costs.

The 3.7% increase in **materials and supplies** over the prior year reflects the additional cost of consumable goods related to the increased number of cruises.

# **Riverfront Attractions**

For the 12 Months Ended June 30, 2017 (Preliminary, subject to audit)

## Performance Data

	Performance I	ndicators	
YTD	Passengers	Cruises	Passengers per Cruise
FY17 Actual	105,775	909	116
FY17 Budget	105,795	914	116
FY16 Actual	87,588	790	111

Total **riverboat passengers** are up approximately 20.8% over the prior year and cruises are up approximately 15.1% over the prior year, both due to fewer flooding issues. The performance data indicates that the passenger attendance for cruises in both years remains constant and when cruises occur they are well attended.

#### Riverfront Attractions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current	Current					Prior Year				
	 Current Period	Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change		
Assets												
Current assets												
Cash Accounts and notes receivable Interfund accounts receivable Materials and supplies inventory Other current assets	\$ 34,659 16,327 60,771 48,812	\$ 14,628 13,318 47,191 46,738 36,086	\$	20,031 3,009 13,580 2,074 (36,086)	136.9 22.6 28.8 4.4 (100.0)	\$	93,263 19,417 530,991 39,773	\$	(58,604) (3,090) (470,220) 9,039 -	(62.8) (15.9) (88.6) 22.7 n/a		
Total current assets	 160,569	 157,961		2,608	1.7		683,444		(522,875)	(76.5)		
Capital assets												
Capital assets	5,098,609	5,165,479		(66,870)	(1.3)		5,187,190		(88,581)	(1.7)		
Accumulated depreciation	(3,746,408)	(3,823,501)		77,093	2.0		(3,651,948)		(94,460)	(2.6)		
Total capital assets, net	 1,352,201	 1,341,978		10,223	0.8		1,535,242		(183,041)	(11.9)		
Construction-in-process	 -	 8,969		(8,969)	(100.0)		-		-	n/a		
Total capital assets	 1,352,201	 1,350,947		1,254	0.1		1,535,242		(183,041)	(11.9)		
Total assets	 1,512,770	 1,508,908		3,862	0.3		2,218,686		(705,916)	(31.8)		
Total	\$ 1,512,770	\$ 1,508,908	\$	3,862	0.3	\$	2,218,686	\$	(705,916)	(31.8)		

#### Riverfront Attractions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current		Prior Year							
	 Current Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change
Liabilities											
Current liabilities Accounts payable Interfund accounts payable Accrued expenses Other current liabilities	\$ 27,962 623,760 109,023 124,208	\$	5,035 862,998 98,380 71,797	\$	22,927 (239,238) 10,643 52,411	455.4 (27.7) 10.8 73.0	\$	49,152 1,396,340 106,000 119,075	\$	(21,190) (772,580) 3,023 5,133	(43.1) (55.3) 2.9 4.3
Total current liabilities	 884,953		1,038,210		(153,257)	(14.8)		1,670,567		(785,614)	(47.0)
Non-current liabilities Other post-employment benefits Long-term insurance Unfunded pension liabilities	 291,183 33,654 793,381		304,676 33,654 793,381		(13,493) - -	(4.4)		297,019 33,654 793,381		(5,836) - -	(2.0)
Total non-current liabilities	 1,118,218		1,131,711		(13,493)	(1.2)		1,124,054		(5,836)	(0.5)
Total liabilities	 2,003,171	-	2,169,921		(166,750)	(7.7)		2,794,621		(791,450)	(28.3)
<b>Net Position</b> Net position - capital investments Net position Net income (loss)	 1,385,855 (1,961,790) 85,534		1,384,601 (1,960,536) (85,078)		1,254 (1,254) 170,612	0.1 (0.1) 200.5		254,907 (621,083) (209,759)		1,130,948 (1,340,707) 295,293	443.7 (215.9) 140.8
Total net position	 (490,401)		(661,013)		170,612	25.8		(575,935)		85,534	14.9
Total	\$ 1,512,770	\$	1,508,908	\$	3,862	0.3	\$	2,218,686	\$	(705,916)	(31.8)

#### Riverfront Attractions Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

	Current									Year to Date								
		Actual	E	Budget		avorable	% Fav (Unfav)	Р	rior Year	_	Actual		Budget		avorable favorable)	% Fav (Unfav)	Prio	r Year
Revenue																		
Cruise	\$	638,136	\$	506,450	\$	131,686	26.0	\$	696,209	\$	1,759,381	\$	1,675,695	\$	83,686	5.0	\$ 1,	434,140
Food and beverage		236,000		234,738		1,262	0.5		315,613		811,706		812,152		(446)	(0.1)		634,852
Retail		46,390		27,000		19,390	71.8		47,227		121,424		87,850		33,574	38.2		84,777
Other operating revenue		27,857		29,201		(1,344)	(4.6)		39,900		131,855		109,030		22,825	20.9		195,992
Sales discount		(3,740)		(8,205)		4,465	54.4		(14,723)		(11,977)		(32,821)		20,844	63.5		(36,007)
Total revenue		944,643		789,184		155,459	19.7		1,084,226		2,812,389		2,651,906		160,483	6.1	2,	373,796
Expense																		
Wages and benefits <sup>1</sup>		378,634		369,357		(9,277)	(2.5)		380,658		1,289,119		1,361,314		72,195	5.3	1,	182,283
Services		54,330		58,211		3,881	6.7		43,304		279,080		245,320		(33,760)	(13.8)		265,814
Fuel and lube consumed		21,365		21,600		235	1.1		16,630		51,780		60,000		8,220	13.7		43,748
Materials and supplies		129,057		153,445		24,388	15.9		193,970		423,533		486,454		62,921	12.9		408,354
Utilities		19,753		22,273		2,520	11.3		18,704		89,755		84,661		(5,094)	(6.0)		72,122
Casualty and liability costs		35,163		44,431		9,268	20.9		37,564		140,652		175,542		34,890	19.9		148,285
Other expenses		35,714		38,637		2,923	7.6		46,273		145,494		143,348		(2,146)	(1.5)		129,640
Contribution to outside entities		-		-		-	-		(1,000)		-		-		-	-		-
Other non-operating expense		35,037		-		(35,037)	-		1,000		49,136		-		(49,136)	-		-
Total expense		709,053		707,954		(1,099)	(0.2)		737,103		2,468,549		2,556,639		88,090	3.4	2,	250,246
Income (loss) before depreciation		235,590		81,230		154,360	190.0		347,123		343,840		95,267		248,573	260.9		123,550
Depreciation and amortization expense		64,978		78,853		13,875	17.6		82,893		258,306		315,412		57,106	18.1		333,309
Net income (loss)	\$	170,612	\$	2,377	\$	168,235	7,077.6	\$	264,230	\$	85,534	\$	(220,145)	\$	305,679	138.9	\$ (	209,759)

<sup>1</sup> - Detailed schedule included.

#### Riverfront Attractions Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

				(unaudited)						
			Current \$ Favorable	% Fav				Year to Date \$ Favorable	% Fav	
	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year
Personnel expense										
Wages	\$ 295,148	\$ 279,383	\$ (15,765)	(5.6)	\$ 302,002	\$ 981,065	\$ 1,007,942	\$ 26,877	2.7	\$ 906,721
Company paid benefits										
Payroll related taxes and insurance	00.040	04.074	100	0.0	00.004	70.004	77 407	0.000	0.4	05.000
FICA	20,943	21,371	428	2.0	23,224	70,884	77,107	6,223	8.1	65,328
Unemployment insurance	770	3,031	2,261	74.6	1,671	4,503	12,739	8,236	64.7	4,814
Worker's compensation insurance	923	2,281	1,358	59.5	693	3,251	9,024	5,773	64.0	2,804
Health and welfare										
Medical	20,984	25,138	4,154	16.5	21,447	84,583	100,550	15,967	15.9	82,085
Dental	708	785	77	9.8	863	3,152	3,140	(12)	(0.4)	2,969
Other post employment benefits	2,361	5,479	3,118	56.9	115	10,017	22,000	11,983	54.5	4,593
Life insurance / AD&D	308	190	(118)	(62.1)	256	1,140	759	(381)	(50.2)	849
Short and long term disability	1,012	1,220	208	17.0	1,420	4,870	4,880	10	0.2	4,838
FMLA administration expense	-	81	81	100.0	466	675	324	(351)	(108.3)	1,707
EAP expense	44	53	9	17.0	53	195	212	17	8.0	180
Retirement										
Pension expense	28,221	13,909	(14,312)	(102.9)	19,599	95,736	55,644	(40,092)	(72.1)	81,607
401 K contributions	5,408	16,123	10,715	66.5	5,933	22,860	64,491	41,631	64.6	19,705
Other										
Uniform allowance	1,804	313	(1,491)	(476.4)	2,916	6,188	2,502	(3,686)	(147.3)	4,083
Total company paid benefits	83,486	89,974	6,488	7.2	78,656	308,054	353,372	45,318	12.8	275,562
Total wages and benefits	\$ 378,634	\$ 369,357	\$ (9,277)	(2.5)	\$ 380,658	\$ 1,289,119	\$ 1,361,314	\$ 72,195	5.3	\$ 1,182,283

# Riverfront Attractions Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	0	perating Fund	hange Fund	
Balance at April 1, 2017 Cash & Investments	\$ 14,628	\$	8,728	\$ 5,900	
Add:					
Revenue receipts	957,971		957,971	-	
Total cash receipts	 957,971		957,971	 -	
Interfund transfers	-		-	-	
Less:					
Cash disbursements	(937,940)		(937,940)	-	
Total cash disbursements	 (937,940)		(937,940)	 -	
Balance at June 30, 2017					
Cash & Investments	\$ 34,659	\$	28,759	\$ 5,900	

#### Riverfront Attractions Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities			Supplemental disclosure of cash flow information		
Receipts from customers Payments to employees	\$	2,815,476 (1,291,935)	Noncash Activities:		
Payments to vendors		(1,014,734)	Loss on disposal of assets	\$	35,038
Payments for self-insurance		(140,652)		•	,
Receipts (payments) from inter-fund activity		(302,360)			
Net each manifold by (wood in)					
Net cash provided by (used in) operating activities		65,795			
operating detailed		00,700			
Cook flaure from non conital financian cotivities					
Cash flows from non capital financing activities		(4.4.000)			
Nonoperating contributions		(14,098)			
Net cash provided by (used in)					
non capital financing activities		(14,098)			
Cash flows from capital and related financing activities					
Acquisitions of capital assets		(110,301)			
Cash flows from capital and related financing activities		(110.201)			
related infancing activities		(110,301)			
Cash flows from investing activities					
Net cash provided by (used in)					
investing activities		-			
Net increase (decrease) in cash					
and cash equivalents		(58,604)			
Cash and cash equivalents, beginning of year		93,263			
Cash and cash equivalents, year to date	\$	34,659			
	Ψ	0.,000			

#### Riverfront Attractions Capital Expenditures for Active Projects For the Quarter Ended June 30, 2017 (unaudited)

Description		Budget		Current		Year-To-Date		Life-To-Date		Balance	
Project #											
1944 Riverboat Gangway	х	\$	121,052	\$	-	\$	65	\$	106,833	\$	14,219
Becky Thatcher Engines Overhaul Tom Sawyer Engine Rebuild			80,000 -		72,170 -		72,170 38,067		72,170 38,067		7,830 (38,067)
Total Active Projects		\$	201,052	\$	72,170	\$	110,302	\$	217,070	\$	(16,018)

x Projects are carryover from prior year.



# ST LOUIS REGIONAL FREIGHTWAY

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# St. Louis Regional Freightway

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## Fast Facts

The St. Louis Regional Freightway made progress this year establishing the bi-state area as a premier freight center and multimodal hub for the nation. Its ability to forge and strengthen relationships with freight partners throughout America's heartland and to the Gulf of Mexico will provide a solid foundation for the Freightway.

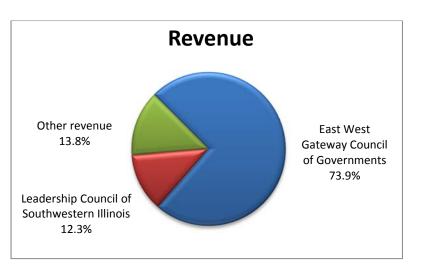
The annual Freight Summit and the Spring Industry Forum were well attended. It provided an opportunity to highlight the region's competitive advantages and set direction for the future including prioritization of project funding.

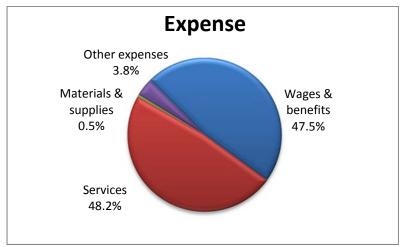
#### Financial Data

**Net loss** for the St. Louis Regional Freightway is \$497.5 thousand.

**Revenue** of \$203.0 thousand includes Partnership Revenue Fees from East-West Gateway Council of Governments and the Leadership Council of Southwestern Illinois. Other Revenue of \$28.0 thousand is registration fees for Freightway events.

**Expense** of \$700.5 thousand includes compensation and benefits of \$332.7 thousand. Services were \$337.5 thousand due to consulting and legal fees. Materials and other expenses were \$30.3 thousand.





#### St. Louis Regional Freightway Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current								Prior Year				
	Current Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change		
Assets													
Current assets Cash Accounts and notes receivable Interfund accounts receivable	\$ 82,638 25,340 -	\$	3,000 42,250 -	\$	79,638 (16,910) -	n/a (40.0) n/a	\$	6,036 152,775 11,853	\$	76,602 (127,435) (11,853)	n/a (83.4) (100.0)		
Total current assets	 107,978		45,250		62,728	138.6		170,664		(62,686)	(36.7)		
Total assets	 107,978		45,250		62,728	138.6		170,664		(62,686)	(36.7)		
Total	\$ 107,978	\$	45,250	\$	62,728	138.6	\$	170,664	\$	(62,686)	(36.7)		

#### St. Louis Regional Freightway Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Curren		Prior Year			
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
Liabilities							
Current liabilities Accounts payable Interfund accounts payable Accrued expenses Other current liabilities	\$ 29,150 773,817 14,901	\$	\$ 29,150 235,688 502 (4,500)	n/a 43.8 3.5 (100.0)	\$ 4,750 295,798 6,900 75,000	478,019 8,001	513.7 161.6 116.0 (100.0)
Total current liabilities	817,868	557,028	260,840	46.8	382,448	435,420	113.9
Non-current liabilities Other post-employment benefits Unfunded pension liabilities	(739 11,853	2,634 11,853	(3,373)	(128.1)	(176 11,853	, , , ,	(319.9)
Total non-current liabilities	11,114	14,487	(3,373)	(23.3)	11,677	(563)	(4.8)
Total liabilities	828,982	571,515	257,467	45.0	394,125	434,857	110.3
<b>Net Position</b> Net position Net income (loss) Total net position	(223,461 (497,543 (721,004	(302,804)	(194,739) (194,739)	(64.3) (37.0)	(223,461 (223,461		n/a (122.7) (222.7)
Total	\$ 107,978	\$ 45,250	\$ 62,728	138.6	\$ 170,664	\$ (62,686)	(36.7)

#### St. Louis Regional Freightway Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

				Current						Year to Date			
	Actual	Budge	t	\$ Favorable (Unfavorable)	% Fav (Unfav)	P	rior Year	 Actual	 Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Pr	ior Year
Revenue													
Partnership fees	\$ 37,500	\$ 43	,750	\$ (6,250)	(14.3)	\$	(53,152)	\$ 175,000	\$ 175,000	\$-	-	\$	259,611
Other revenue	27,255	10	,000,	17,255	172.6		5,400	28,005	40,000	(11,995)	(30.0)		5,400
Total revenue	64,755	53	,750	11,005	20.5		(47,752)	 203,005	 215,000	(11,995)	(5.6)		265,011
Expense													
Wages and benefits <sup>1</sup>	87,350	57	,644	(29,706)	(51.5)		52,798	332,729	231,780	(100,949)	(43.6)		212,857
Services	170,883	136	,250	(34,633)	(25.4)		66,771	337,535	545,000	207,465	38.1		212,377
Materials and supplies	135		375	240	64.0		-	3,383	1,500	(1,883)	(125.5)		13
Utilities	-		150	150	100.0		-	-	600	600	100.0		-
Other expenses	1,126	18	,125	16,999	93.8		28,820	26,901	72,500	45,599	62.9		63,225
Total expense	259,494	212	,544	(46,950)	(22.1)		148,389	 700,548	 851,380	150,832	17.7		488,472
Net income (loss)	\$ (194,739)	) \$ (158	,794)	\$ (35,945)	(22.6)	\$	(196,141)	\$ (497,543)	\$ (636,380)	\$ 138,837	21.8	\$	(223,461)

<sup>1</sup> - Detailed schedule included.

#### St. Louis Regional Freightway Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017

(unaudited)

			Current				Year to Date		
			\$ Favorable	% Fav			\$ Favorable	% Fav	
	Actual	Budget	(Unfavorable)	(Unfav) Prior Year	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year
Personnel expense									
Wages	\$ 69,705	\$ 47,099	\$ (22,606)	(48.0) \$ 43,388	\$ 267,89	1 \$ 189,122	\$ (78,769)	(41.6)	\$ 174,603
Company paid benefits									
Payroll related taxes and insurance									
FICA	5,050	3,603	(1,447)	(40.2) 3,104	16,25	1 14,468	(1,783)	(12.3)	12,294
Unemployment insurance	43	52	9	17.3	58	3 525	(58)	(11.0)	372
Worker's compensation insurance	-	-	-	-		- 108	108	100.0	-
Health and welfare									
Medical	7,980	3,000	(4,980)	(166.0) 3,850	29,81	9 12,000	(17,819)	(148.5)	15,442
Dental	180	95	(85)	(89.5) 105	71	6 381	(335)	(87.9)	374
Other post employment benefits	935	-	(935)	- 18	3,74	5 -	(3,745)	-	1,288
Life insurance / AD&D	94	23	(71)	(308.7) 52	33	6 92	(244)	(265.2)	184
Short and long term disability	339	147	(192)	(130.6) 27	1,41	9 588	(831)	(141.3)	751
FMLA administration expense	-	10	10	100.0	23	3 39	16	41.0	27
EAP expense	8	6	(2)	(33.3)	3	3 26	(7)	(26.9)	17
Retirement									
Pension expense	-	1,666	1,666	100.0 208	1,72	9 6,661	4,932	74.0	1,210
401 K contributions	3,016	1,943	(1,073)	(55.2) 1,777	10,184	4 7,770	(2,414)	(31.1)	6,295
Total company paid benefits	17,645	10,545	(7,100)	(67.3) 9,410	64,83	3 42,658	(22,180)	(52.0)	38,254
Total wages and benefits	\$ 87,350	\$ 57,644	\$ (29,706)	(51.5) <u>\$ 52,798</u>	\$ 332,729	9 \$ 231,780	\$ (100,949)	(43.6)	\$ 212,857

# St. Louis Regional Freightway Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	Operating Fund				
Balance at April 1, 2017 Cash & Investments	\$ 3,000	\$	3,000			
Add:						
Revenue receipts	86,238		86,238			
Total cash receipts	 86,238		86,238			
Interfund transfers	-		-			
Less:						
Cash disbursements	(6,600)		(6,600)			
Total cash disbursements	 (6,600)		(6,600)			
Balance at June 31, 2017						
Cash & Investments	\$ 82,638	\$	82,638			

#### St. Louis Regional Freight District Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	\$ 330,440 (325,292) (418,418) 489,872 76,602	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities None		
Net cash provided by (used in) non capital financing activities	 	
Cash flows from capital and related financing activities None		
Cash flows from capital and related financing activities	 <u> </u>	
Cash flows from investing activities None		
Net cash provided by (used in) investing activities	 	
Net increase (decrease) in cash and cash equivalents	76,602	
Cash and cash equivalents, beginning of year	 6,036	
Cash and cash equivalents, year to date	\$ 82,638	



# BI-STATE DEVELOPMENT RESEARCH INSTITUTE

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# **Bi-State Development Research Institute**

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

# Fast Facts

Bi-State Development Research Institute used funds from the Missouri Foundation for health to begin funding operating costs for the Market Kiosk project. The kiosks are being installed at two North St. Louis County locations to improve access to healthy food for people in that area.

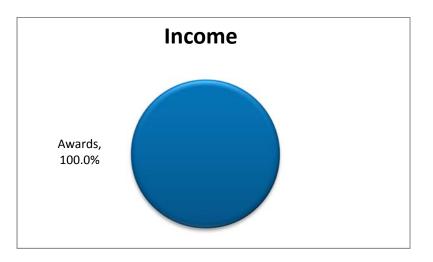
The St. Louis County Department of Public Health will deploy a mobile medical unit to locations providing health screenings for the community. The program is designed to provide underserved residents with easier access to health care. The mobile units will serve the North Hanley MetroLink Station, the Rock Road MetroLink Station and the Wellston MetroLink Station.

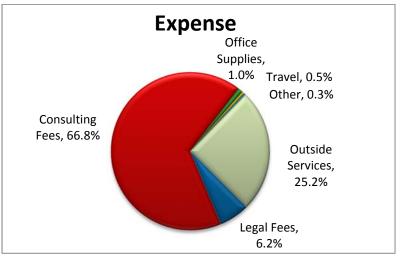
## Financial Data

Net Income for fiscal year 2017 is \$116.4 thousand.

**Revenue** from Awards/Grants funding totaled \$195.4 thousand.

**Expense** totals \$79.0 thousand. The majority of expense is for consulting services and materials related to the Missouri Health Foundation grants, one which closed this fiscal year and outside service expense for kiosk food operations.





#### Bi-State Development Research Institute Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current								Prior Year					
		Current Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change		
Assets														
Current assets														
Cash	\$	226,205	\$	421,227	\$	(195,022)	(46.3)	\$	39,127	\$	187,078	478.1		
Accounts and notes receivable		429		429		-	-		-		429	n/a		
Other current assets		40,000		-		40,000	n/a		-		40,000	n/a		
Total current assets		266,634		421,656		(155,022)	(36.8)		39,127		227,507	581.5		
Construction-in-process		135,000		-		135,000	n/a		-		135,000	n/a		
Total capital assets		135,000		-		135,000	n/a		-		135,000	n/a		
Total assets		401,634		421,656		(20,022)	(4.7)		39,127		362,507	926.5		
Total	\$	401,634	\$	421,656	\$	(20,022)	(4.7)	\$	39,127	\$	362,507	926.5		

#### Bi-State Development Research Institute Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current		Prior Year					
	 Current Period	Prior Period	Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change
Liabilities		 - onou	 onango	onango		- Tour		onango	<u> </u>
Current liabilities									
Accounts payable	\$ 3,000	\$ 3,000	\$ -	-	\$	-	\$	3,000	n/a
Interfund accounts payable	19,433	15,637	3,796	24.3		-		19,433	n/a
Other current liabilities	 223,650	 418,651	 (195,001)	(46.6)		-		223,650	n/a
Total current liabilities	 246,083	 437,288	 (191,205)	(43.7)		-		246,083	n/a
Total liabilities	 246,083	 437,288	 (191,205)	(43.7)		-		246,083	n/a
Net Position									
Net position	39,127	39,127	-	-		(282)		39,409	n/a
Net income (loss)	 116,424	 (54,759)	 171,183	312.6		39,409		77,015	195.4
Total net position	 155,551	 (15,632)	 171,183	n/a		39,127		116,424	297.6
Total	\$ 401,634	\$ 421,656	\$ (20,022)	(4.7)	\$	39,127	\$	362,507	926.5

# **Bi-State Development Research Institute** Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

				Cu	rrent					Year	to Date			
	 Actual	В	udget		avorable favorable)	% Fav (Unfav)	 Prior Year	 Actual	 Budget		Favorable Ifavorable)	% Fav (Unfav)	Pric	or Year
Revenue														
Not for Profit Revenue	\$ 195,000	\$	15,625	\$	179,375	1,148.0	\$ -	\$ 195,429	\$ 62,500	\$	132,929	212.7	\$	39,805
Total revenue	 195,000		15,625		179,375	1,148.0	 	 195,429	 62,500		132,929	212.7		39,805
Expense														
Services	23,817		27,707		3,890	14.0	68	77,832	110,829		32,997	29.8		296
Materials and supplies	-		250		250	100.0	-	800	1,000		200	20.0		-
Other expenses	-		1,000		1,000	100.0	-	373	4,000		3,627	90.7		100
Total expense	 23,817		28,957		5,140	17.8	 68	 79,005	 115,829		36,824	31.8		396
Net income (loss)	\$ 171,183	\$	(13,332)	\$	184,515	1,384.0	\$ (68)	\$ 116,424	\$ (53,329)	\$	169,753	318.3	\$	39,409

# Bi-State Development Research Institute Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	•	perating Fund	Restricted Fund
Balance at April 1, 2017 Cash & Investments	\$ 421,227	\$	2,576	\$ 418,651
Add: Receipts Total cash receipts	 <u>-</u>		<u> </u>	
Interfund transfers	-		-	-
Less: Cash disbursements Total cash disbursements	 (195,022) (195,022)		(22)	(195,000) (195,000)
Balance at June 30, 2017 Cash & Investments	\$ 226,205	\$	2,554	\$ 223,651

### Bi-State Development Research Institute Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to vendors Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	\$ 195,000 107,645 19,433 322,078	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities None		
Net cash provided by (used in) non capital financing activities	<u>-</u>	
Cash flows from capital and related financing activities Acquisitions of capital assets	(135,000)	
Cash flows from capital and related financing activities	(135,000)	
Cash flows from investing activities None		
Net cash provided by (used in) investing activities		
Net increase (decrease) in cash and cash equivalents	187,078	
Cash and cash equivalents, beginning of year	39,127	
Cash and cash equivalents, year to date	\$ 226,205	

# **ARTS IN TRANSIT**





Arts in Transit

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ARTS IN TRANSIT

# Arts In Transit, Inc.

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

# Fast Facts

Arts In Transit was one of nine local arts organizations to receive a grant from the PNC Foundation through the PNC Arts Alive initiative. The \$20,000 grant will support MetroScapes, a program that promotes local artists by displaying their work at MetroBus shelters and transit centers throughout the St. Louis region. Ten designs will be chosen to display at 200 area bus shelters for a year with smaller versions available for sale.

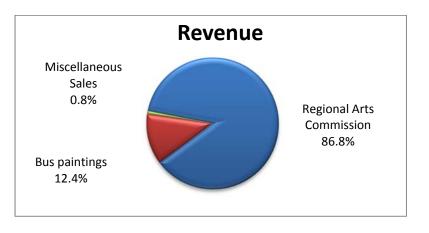
Entries are being accepted for the 2017 MetroLines poetry contest. Local poets are invited to submit their work for the chance to have their poems displayed on MetroBus vehicles and MetroLink trains for up to a year.

As part of the Art In Motion program, some of the MetroBus paintings were a collaborative effort with Arts In Transit and the St. Louis Earth Day Festival, the St. Louis Cardinals, and with EarthDance farms and the Ferguson Farmer's Market. Local artists designed the artwork and the finished product will remain on the MetroBuses for a period of one year as they travel along their daily routes.

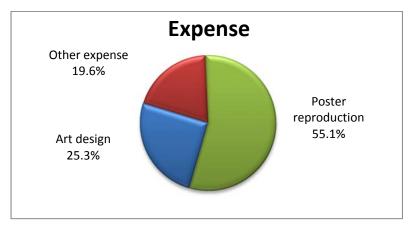
## **Financial Data**

Net Income is \$39.1 thousand.

**Total revenue** of \$64.5 thousand includes the annual contribution from the Regional Arts Commission and proceeds from bus paintings.



**Expense** of \$25.4 thousand consists of \$6.4 thousand for art design and bus wrap services related to a bus painting, \$14.0 thousand in expense related to MetroScape poster reproduction, \$5.0 thousand related to production costs for 100 bus shelters, and various immaterial bank fees.



#### Arts In Transit, Inc. Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current										
		urrent Period		Prior Period		Dollar Change	Percent Change		Prior Year	Dollar Change	Percent Change
Assets											
Current assets											
Cash Accounts and notes receivable	\$	61,695 -	\$	33,184	\$	28,511	85.9 n/a	\$	22,574 4,000	\$ 39,121 (4,000)	173.3 (100.0)
Total current assets		61,695		33,184		28,511	85.9		26,574	 35,121	132.2
Total assets		61,695		33,184		28,511	85.9		26,574	 35,121	132.2
Total	\$	61,695	\$	33,184	\$	28,511	85.9	\$	26,574	\$ 35,121	132.2

#### Arts In Transit, Inc. Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current							Prior Year					
		urrent Period		Prior Period		Dollar Change	Percent Change		Prior Year		Dollar Change	Percent Change	
Liabilities						<u> </u>					<u> </u>		
Current liabilities Other current liabilities Total current liabilities				-		<u> </u>	n/a n/a		4,000		(4,000)	(100.0) (100.0)	
Total liabilities		-		-		-	n/a		4,000		(4,000)	(100.0)	
Net Position Net position Net income (loss)	\$	22,574 39,121	\$	22,574 10,610	\$	- 28,511	- 268.7	\$	2,261 20,313	\$	20,313 18,808	898.4 92.6	
Total net position		61,695		33,184		28,511	85.9		22,574		39,121	173.3	
Total	\$	61,695	\$	33,184	\$	28,511	85.9	\$	26,574	\$	35,121	132.2	

#### Arts In Transit, Inc. Statement of Activities For the Quarter Ended June 30, 2017

(unaudited)

			Current					Year to Date		
			\$ Favorable	% Fav				\$ Favorable	% Fav	
	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year
Revenue										
Not for Profit Revenue	\$ 32,000	\$ 11,875	\$ 20,125	169.5	\$-	\$ 64,507	\$ 47,500	\$ 17,007	35.8	\$ 26,888
Total revenue	32,000	11,875	20,125	169.5		64,507	47,500	17,007	35.8	26,888
Expense										
Services	3,489	11,250	7,761	69.0	3,197	25,386	45,000	19,614	43.6	6,575
Materials and supplies	-	350	350	100.0	-	-	1,400	1,400	100.0	-
Other expenses	-	62	62	100.0		-	250	250	100.0	
Total expense	3,489	11,662	8,173	70.1	3,197	25,386	46,650	21,264	45.6	6,575
Net income (loss)	\$ 28,511	\$ 213	\$ 28,298	n/a	\$ (3,197)	\$ 39,121	\$ 850	\$ 38,271	4,502.5	\$ 20,313

# Arts in Transit, Inc. Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	0	perating Fund
Balance at April 1, 2017 Cash & Investments	\$ 33,184	\$	33,184
Add:			
Receipts	32,000		32,000
Total cash receipts	 32,000		32,000
Interfund transfers	-		-
Less:			
Cash disbursements	(3,489)		(3,489)
Total cash disbursements	 (3,489)		(3,489)
Balance at June 30, 2017			
Cash & Investments	\$ 61,695	\$	61,695

### Art In Transit, Inc. Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to vendors Net cash provided by (used in) operating activities	\$ 68,507 (29,386) 39,121	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities None		
Net cash provided by (used in) non capital financing activities	 -	
Cash flows from capital and related financing activities None		
Cash flows from capital and related financing activities	 -	
Cash flows from investing activities None		
Net cash provided by (used in) investing activities	 -	
Net increase (decrease) in cash and cash equivalents	39,121	
Cash and cash equivalents, beginning of year	 22,574	
Cash and cash equivalents, year to date	\$ 61,695	



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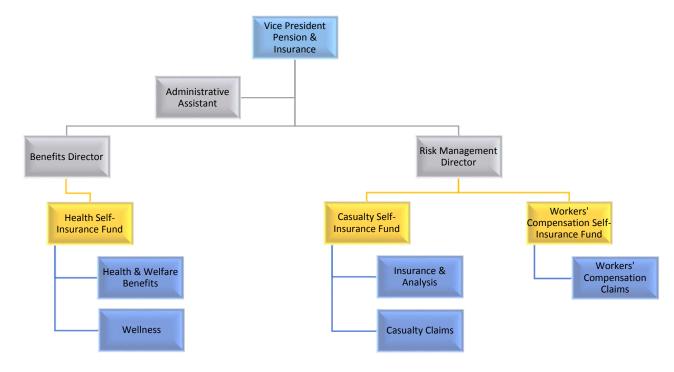
# **Self-Insurance Funds**

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

As directed by the BSD Board of Commissioners, in order to improve overall accountability and governance, accounting and reporting has been restructured and administration has been reorganized for the Health, Casualty and Workers Compensation Self-Insurance Funds. The objective is comprehensive management and accounting, and reporting for assets, sources of revenue, expenses and related administrative costs for these self-insured activities.

The major costs and administrative components of the Health Self-Insurance Fund reside in the Benefits Department. The major costs and administrative components of the Casualty and Workers Compensation Self-Insurance Funds reside in the Risk Management Department. The administration of these departments and their related activities has been reorganized to achieve the accountability and governance objectives as shown below:



#### Bi-State Development Agency of the Missouri-Illinois Metropolitan District Self-Insurance Divisions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Health Self-Insurance Division	Casualty Self-Insurance Division	Workers Compensation Self-Insurance Division	Totals	Interfund Eliminations	Totals After Eliminations
Assets						
Current assets						
Cash	\$ 1,537,496	6 \$ 4,059,419	\$ 7,111,423	\$ 12,708,338	\$-	\$ 12,708,338
Accounts and notes receivable	39,230	0 -	131	39,361	-	39,361
Interfund accounts receivable	1,314,657	7 5,719,582	500,842	7,535,081	(7,535,081)	-
Total current assets	2,891,383	3 9,779,001	7,612,396	20,282,780	(7,535,081)	12,747,699
Total assets	2,891,383	3 9,779,001	7,612,396	20,282,780	(7,535,081)	12,747,699
Total	\$ 2,891,383	3 \$ 9,779,001	\$ 7,612,396	\$ 20,282,780	\$ (7,535,081)	\$ 12,747,699

#### Bi-State Development Agency of the Missouri-Illinois Metropolitan District Self-Insurance Divisions Quarterly Statement of Financial Position June 30, 2017 (unaudited)

						Totals		
	Health	Casualty	Workers Compensation		Interfund	After		
	Self-Insurance Division	Self-Insurance Division	Self-Insurance Division	Totals	Eliminations	Eliminations		
Liabilities								
Current liabilities								
Interfund accounts payable	\$ 1,819,094	\$ 146,901	\$ 27,923	\$ 1,993,918	\$ (7,535,081)	\$ (5,541,163)		
Accrued expenses	44,700	40,599	24,900	110,199		110,199		
Total current liabilities	1,863,794	187,500	52,823	2,104,117	(7,535,081)	(5,430,964)		
Current liab payable from restricted assets								
Short-term self-insurance	-	3,987,781	3,308,273	7,296,054	-	7,296,054		
Medical self-insurance liability	2,255,254			2,255,254		2,255,254		
Total current liabilities payable								
from restricted assets	2,255,254	3,987,781	3,308,273	9,551,308	-	9,551,308		
Total current liabilities	4,119,048	4,175,281	3,361,096	11,655,425	(7,535,081)	4,120,344		
Non-current liabilities								
Other post-employment benefits	(5,525)	(2,816)	456	(7,885)	-	(7,885)		
Long-term self-insurance	-	4,187,219	3,473,727	7,660,946	-	7,660,946		
Unfunded pension liabilities	477,049			477,049		477,049		
Total non-current liabilities	471,524	4,184,403	3,474,183	8,130,110	-	8,130,110		
Total liabilities	4,590,572	8,359,684	6,835,279	19,785,535	(7,535,081)	12,250,454		
Net Position								
Net position	(57,554)	-	-	(57,554)	-	(57,554)		
Net income (loss)	(1,641,635)	1,419,317	777,117	554,799	-	554,799		
Total net position	(1,699,189)	1,419,317	777,117	497,245		497,245		
Total	\$ 2,891,383	\$ 9,779,001	\$ 7,612,396	\$ 20,282,780	\$ (7,535,081)	\$ 12,747,699		

# Bi-State Development Agency of the Missouri-Illinois Metropolitan District Self-Insurance Divisions Combining Statement of Activities by Business Division For the Twelve Months Ended June 30, 2017 (unaudited)

	Health Self-Insurance Division		Casualty Self-Insurance Division	Workers Compensation Self-Insurance Division	Totals	Eliminations	Totals After Eliminations
Revenue							
Employee medical contributions	\$	6,246,896	\$ -	\$ -	\$ 6,246,896	\$-	\$ 6,246,896
Employee dental contributions		495,897	-	-	495,897	-	495,897
Employee gym membership		6,555	-	-	6,555	-	6,555
Bi-State Dev medical contributions	2	2,461,938	-	-	22,461,938	(139,580)	22,322,358
Bi-State Dev dental contributions		608,100	-	-	608,100	(4,879)	603,221
Bi-State Dev EAP contributions		36,336	-	-	36,336	(449)	35,887
Healthy savings plan		(199,157)	-	-	(199,157)	-	(199,157)
Charges for services - Casualty		-	5,356,463	-	5,356,463	-	5,356,463
Charges for services - Workers Compensation		-	-	5,940,329	5,940,329	-	5,940,329
Interest Income		-	8,255	9,335	17,590	-	17,590
Total revenue	2	9,656,565	5,364,718	5,949,664	40,970,947	(144,907)	40,826,040
Expense							
Wages and benefits		745,556	553,129	333,842	1,632,527	-	1,632,527
Services		600,234	16,419	9,344	625,997	-	625,997
Materials and supplies		17,767	3,364	1,303	22,434	-	22,434
Utilities		5,258	-	-	5,258	-	5,258
Casualty and liability costs		-	871,850	614,746	1,486,596	-	1,486,596
Other expenses		30,123	3,130	62,155	95,408	-	95,408
Other non-operating expense		18,406	-	-	18,406	-	18,406
Medical claims and prescriptions, less rebates	2	9,561,766	-	-	29,561,766	(144,907)	29,416,859
Stop loss, third party fees, Medicare Part D		319,090	-	-	319,090	-	319,090
Casualty claims paid		-	3,071,452	-	3,071,452	-	3,071,452
Workers Compensation claims paid		-	-	4,513,391	4,513,391	-	4,513,391
Total expense	3	1,298,200	4,519,344	5,534,781	41,352,325	(144,907)	41,207,418
Net income (loss) before transfers	(	1,641,635)	845,374	414,883	(381,378)	-	(381,378)
Net transfers in (out)		-	573,943	362,234	936,177		936,177
Net income (loss)	\$ (	1,641,635)	\$ 1,419,317	\$ 777,117	\$ 554,799	\$ -	\$ 554,799





HEALTH SELF-INSURANCE

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# **Health Self-Insurance Fund**

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

# Fast Facts

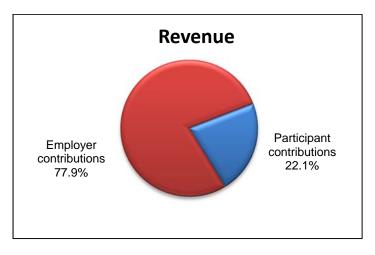
The Health Self-Insurance Fund (SIF) includes all operating revenue and expenses related to the organizations medical, prescription drug and dental employee benefit programs. Health SIF employer and employee/retiree contribution rates are set annually based on actuarial assessment of historical health claim costs and plan management expenses along with plan participant demographic and enrollment data.

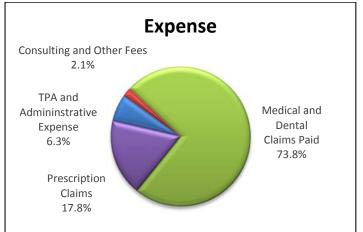
# **Financial Data**

**Revenue** is generated by charging other BSD operational units for Health SIF provided employee benefit program services and collecting enrolled employee/retiree contributions through payroll and pension deductions. The fiscal year revenue of \$29.7 million consists of \$23.1 million in employer and \$6.7 million in plan participant contributions.

**Expenses** are generated by medical, prescription drug and dental claim costs, third party administrative fees, health and welfare plan consulting fees and internal benefit team operating costs. Current fiscal year expenses of \$31.3 million consists of \$29.6 million or 94.5% are related to direct benefit claims with the balance of \$1.7 million or 5.5% related to third party claim processing fees, cost management programs, wellness initiatives, plan consulting fees, health care reform and internal staff costs. Expenses are running favorable to budget due to common health care industry claim submission lag, but in addition, they continue to run favorable also due to lower utilization patterns on the medical plan and increasing cost

discounts due to more favorable provider network contract terms.





#### Health Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current								Prior Year						
	Current			Prior		Dollar	Percent	Prior		Dollar		Percent			
		Period		Period		Change	Change		Year		Change	Change			
Assets															
Current assets															
Cash and Cash Equivalents	\$	1,537,496	\$	1,738,271	\$	(200,775)	(11.6)	\$	5,247,324	\$	(3,709,828)	(70.7)			
Accounts and notes receivable		39,230		30,982		8,248	26.6		18,404		20,826	113.2			
Interfund accounts receivable		1,314,657		2,599,338		(1,284,681)	(49.4)		1,635,800		(321,143)	(19.6)			
Total current assets		2,891,383		4,368,591		(1,477,208)	(33.8)		6,901,528		(4,010,145)	(58.1)			
Total assets		2,891,383		4,368,591		(1,477,208)	(33.8)		6,901,528		(4,010,145)	(58.1)			
Total	\$	2,891,383	\$	4,368,591	\$	(1,477,208)	(33.8)	\$	6,901,528	\$	(4,010,145)	(58.1)			

#### Health Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current			Prior Year							
	 Current	Prior		Dollar	Percent		Prior		Dollar	Percent		
	 Period	 Period		Change	Change		Year	Change		Change		
Liabilities												
Current liabilities												
Interfund accounts payable	\$ 1,819,094	\$ 1,604,521	\$	214,573	13.4	\$	4,181,521	\$	(2,362,427)	(56.5)		
Accrued expenses	44,700	43,599		1,101	2.5		44,599		101	0.2		
Total current liabilities	 1,863,794	1,648,120		215,674	13.1		4,226,120		(2,362,326)	(55.9)		
Current liab payable from restricted assets												
Medical self-insurance liability	2,255,254	2,255,254		-	-		2,255,253		1	-		
Total current liabilities payable	 ,, -	 , , -					,,					
from restricted assets	2,255,254	2,255,254		-	-		2,255,253		1	-		
Total current liabilities	4,119,048	3,903,374		215,674	5.5		6,481,373		(2,362,325)	(36.4)		
Non-current liabilities												
Other post-employment benefits	(5,525)	6,915		(12,440)	(179.9)		659		(6,184)	(938.4)		
Unfunded pension liabilities	477,049	477,049		-	-		477,049		-	-		
Total non-current liabilities	471,524	 483,964		(12,440)	(2.6)		477,708		(6,184)	(1.3)		
Total liabilities	4,590,572	 4,387,338		203,234	4.6		6,959,081		(2,368,509)	(34.0)		
Net Position												
Net position	(57,554)	(57,554)		-	-		-		(57,554)	n/a		
Net income (loss)	(1,641,635)	38,807		(1,680,442)	n/a		(57,553)		(1,584,082)	n/a		
Total net position	 (1,699,189)	 (18,747)		(1,680,442)	n/a		(57,553)		(1,641,636)	n/a		
Total	\$ 2,891,383	\$ 4,368,591	\$	(1,477,208)	(33.8)	\$	6,901,528	\$	(4,010,145)	(58.1)		

#### Health Self-Insurance Fund Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

			Current			Year to Date							
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year			
Revenue													
Employee medical contributions	\$ 1,571,188	\$ 1,750,000	\$ (178,812)	(10.2)	\$ 1,522,486	\$ 6,246,896	\$ 7,000,000	\$ (753,104)	(10.8)	\$ 6,451,807			
Employee dental contributions	122,839	117,807	5,032	4.3	120,667	495,897	471,229	24,668	5.2	467,821			
Employee gym membership	1,596	869	727	83.7	1,710	6,555	3,477	3,078	88.5	5,216			
Bi-State Dev medical contributions	5,674,732	6,725,018	(1,050,286)	(15.6)	3,567,799	22,461,938	26,900,070	(4,438,132)	(16.5)	22,612,590			
Bi-State Dev dental contributions	152,172	148,346	3,826	2.6	149,979	608,100	593,383	14,717	2.5	586,982			
Bi-State Dev EAP contributions	8,473	10,162	(1,689)	(16.6)	9,349	36,336	40,650	(4,314)	(10.6)	37,682			
Healthy Savings Plan	(45,808)	(37,500)	(8,308)	(22.2)	(54,409)	(199,157)	(150,000)	(49,157)	(32.8)	(199,710)			
Total revenue	7,485,192	8,714,702	(1,229,510)	(14.1)	5,317,581	29,656,565	34,858,809	(5,202,244)	(14.9)	29,962,388			
Expense													
Wages and benefits <sup>1</sup>	197,458	180,426	(17,032)	(9.4)	194,118	745,556	725,516	(20,040)	(2.8)	852,725			
Services	117,038	63,844	(53,194)	(83.3)	65,452	600,234	255,375	(344,859)	(135.0)	170,327			
Materials and supplies	7,106	750	(6,356)	(847.5)	6,725	17,767	3,000	(14,767)	(492.2)	11,964			
Utilities	1,240	182	(1,058)	(581.3)	1,353	5,258	730	(4,528)	(620.3)	3,660			
Other expenses	16,575	5,569	(11,006)	(197.6)	15,905	30,123	22,277	(7,846)	(35.2)	28,502			
Other non-operating expense	-	-	-	-	-	18,406	-	(18,406)	-	-			
Medical claims paid	7,246,470	6,009,957	(1,236,513)	(20.6)	5,397,091	23,878,083	24,039,827	161,744	0.7	22,073,464			
Contra medical	(549,284)	(725,677)	(176,393)	(24.3)	(674,501)	(1,770,345)	(2,902,709)	(1,132,364)	(39.0)	(2,449,807)			
Dental claims paid	265,071	245,271	(19,800)	(8.1)	230,901	984,256	981,084	(3,172)	(0.3)	890,935			
Medical TPA fees	244,944	370,061	125,117	33.8	235,148	553,932	1,480,242	926,310	62.6	1,130,955			
Prescription (RX) claims/admin fees	1,477,080	1,717,749	240,669	14.0	1,268,065	5,574,519	6,870,995	1,296,476	18.9	6,552,171			
Medical stop loss	92,052	96,189	4,137	4.3	77,857	341,321	384,757	43,436	11.3	327,631			
Medicare C+ and Part D program	-	443,594	443,594	100.0	-	-	1,774,378	1,774,378	100.0	-			
Other administrative and third party fees	49,884	189,073	139,189	73.6	48,279	319,090	756,293	437,203	57.8	427,414			
Total expense	9,165,634	8,596,988	(568,646)	(6.6)	6,866,393	31,298,200	34,391,765	3,093,565	9.0	30,019,941			
Net income (loss)	\$ (1,680,442)	\$ 117,714	\$ (1,798,156)	(1,527.6)	\$ (1,548,812)	\$ (1,641,635)	\$ 467,044	\$ (2,108,679)	(451.5)	\$ (57,553)			

1 - Detailed schedule included.

#### Health Self-Insurance Fund Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

			Current			Year to Date							
	A	Durdmat	\$ Favorable	% Fav		Astusl	Dudant	\$ Favorable	% Fav	Deine Voor			
	Actual	Budget	(Unfavorable)	(Unfav) Pr	rior Year	Actual	Budget	(Unfavorable)	(Unfav)	Prior Year			
Personnel expense													
Wages	\$ 150,014	\$ 137,262	\$ (12,752)	(9.3) \$	150,166	\$ 568,518	\$ 551,159	\$ (17,359)	(3.1)	\$ 665,944			
Company paid benefits													
Payroll related taxes and insurance													
FICA	11,070	10,501	(569)	(5.4)	11,448	41,344	42,164	820	1.9	45,018			
Unemployment insurance	76	266	190	71.4	251	1,086	2,688	1,602	59.6	1,960			
Worker's compensation insurance	-	693	693	100.0	-	-	2,627	2,627	100.0	-			
Health and welfare													
Medical	16,424	12,800	(3,624)	(28.3)	12,917	56,994	51,200	(5,794)	(11.3)	54,636			
Dental	545	1,306	761	58.3	618	2,334	5,223	2,889	55.3	2,265			
Other post employment benefits	1,950	1,410	(540)	(38.3)	265	8,206	5,701	(2,505)	(43.9)	3,965			
Life Insurance / AD&D	261	98	(163)	(166.3)	226	941	390	(551)	(141.3)	773			
Short and Long Term Disability	868	627	(241)	(38.4)	1,268	4,010	2,509	(1,501)	(59.8)	4,489			
FMLA administration expense	-	42	42	100.0	64	79		87	52.4	220			
EAP expense	33	27	(6)	(22.2)	39	304	109	(195)	(178.9)	136			
Retirement													
Pension expense	8,868	7,106	(1,762)	(24.8)	9,256	32,188	28,428	(3,760)	(13.2)	48,739			
401 K contributions	7,179	8,288	1,109	13.4	7,600	28,925	33,152	4,227	12.8	24,580			
Other													
Miscellaneous benefits	170	-	(170)	-	-	627	-	(627)	-	-			
Total company paid benefits	47,444	43,164	(4,280)	(9.9)	43,952	177,038	174,357	(2,681)	(1.5)	186,781			
Total wages and benefits	\$ 197,458	\$ 180,426	\$ (17,032)	(9.4) _\$	194,118	\$ 745,556	\$ 725,516	\$ (20,040)	(2.8)	\$ 852,725			

# Health Self-Insurance Fund Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description		Total	Se	Medical If-Insurance		Medical Claims	 Medical RRA	Medical HRA		
Balance at April 1, 2017										
Cash & investments	\$	1,738,271	\$	1,695,636	\$	(19,701)	\$ 15,429	\$	46,907	
Add:										
Funding from Metro		6,393,043		6,393,043		-	-		-	
Receipts from Executive Services		638,554		638,554		-	-		-	
Receipts from Gateway Arch Tram System		1,564,483		1,564,483		-	-		-	
Receipts from St. Louis Downtown Airport		217,746		217,746		-	-		-	
Receipts from Riverfront Attractions		280,746		280,746		-	-		-	
Receipts from Casualty Self-Insurance		740,655		740,655		-	-		-	
Receipts from Workers Comp Self-Insurance		442,391		442,391		-	-		-	
Total cash receipts		10,277,618		10,277,618		-	 -		-	
Interfund transfers		-		(7,159,386)		6,860,515	59,099		239,772	
Less:										
Disbursements to Metro		(3,090,225)		(3,090,225)		-	-		-	
Cash disbursements		(7,388,169)		(265,296)		(6,821,265)	(59,099)		(242,509)	
Total cash disbursements		(10,478,394)		(3,355,521)	. <u> </u>	(6,821,265)	 (59,099)		(242,509)	
Balance at June 30, 2017	_							_		
Cash & investments	\$	1,537,495	\$	1,458,347	\$	19,549	\$ 15,429	\$	44,170	

### Health Self-Insurance Fund Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	\$ (20,824) (751,640) (653,382) (29,899,262) 27,615,279 (3,709,829)	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities None		
Cash flows from capital and related financing activities None		
Cash flows from investing activities None		
Net cash provided by (used in) investing activities	 	
Net increase (decrease) in cash and cash equivalents	(3,709,829)	
Cash and cash equivalents, beginning of year	 5,247,324	
Cash and cash equivalents, year to date	\$ 1,537,495	





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# **Casualty Self-Insurance Fund**

For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## **Fast Facts**

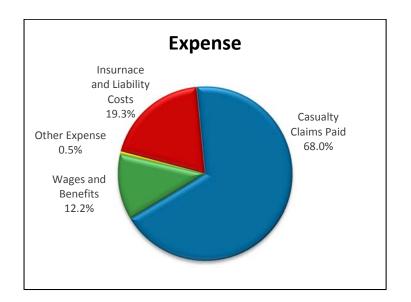
The Casualty Self-Insurance Fund (SIF) is a new fund for BSD, which began July 1, 2016. The fund includes all operating revenue and expenses related to the organization's casualty claims which includes vehicle liability and general liability claims.

The casualty claims department has seven employees: Manager Casualty Claims, Litigation Specialist, Subrogation Specialist, three Claims Representatives and a Claims Processor.

In September of 2016, the Risk Management Department and the Claims Departments started implementation of a new claims system called Risk Master. This new system is designed to be able to track more data and provide better report analysis. Currently, we are still working on configuring data in order to obtain better reporting data. Our goal is to identify accident trends and to work with the Operations and Safety Departments to prevent future accidents.

## **Financial Data**

**Revenue** for the Casualty SIF is generated by charging other BSD operational units based on ultimate claim costs. An actuarial assessment is performed by a third party annually to establish the ultimate claim cost. **Expenses** include: paid claims for vehicle liability and general liability claims; excess liability insurance premiums that provide coverage above the self-insured retention of \$5 million; wage and benefit costs for casualty claims adjusters and a portion of Risk Management personnel; actuarial and broker services fees; and administrative costs.



#### Casualty Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

		Current	Prior Year							
	Current	Prior	Dollar	Percent		Prior			Dollar	Percent
	 Period	 Period	 Change	Change		Year			Change	Change
Assets										
Current assets										
Cash and Cash Equivalents	\$ 4,059,419	\$ 4,623,131	\$ (563,712)	(12.2)	\$		-	\$	4,059,419	n/a
Interfund accounts receivable	5,719,582	4,571,911	1,147,671	25.1			-		5,719,582	n/a
Restricted accounts receivable	-	1,815	(1,815)	(100.0)			-		-	n/a
Other current assets	 -	 217,186	 (217,186)	(100.0)			-		-	n/a
Total current assets	 9,779,001	 9,414,043	 364,958	3.9			-		9,779,001	n/a
Total assets	 9,779,001	 9,414,043	 364,958	3.9			-		9,779,001	n/a
Total	\$ 9,779,001	\$ 9,414,043	\$ 364,958	3.9	\$		-	\$	9,779,001	n/a

#### Casualty Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current								Prior Year						
		Current		Prior		Dollar	Percent		Prior		Dollar	Percent			
	Period			Period		Change	Change	Year		Change		Change			
Liabilities															
Current liabilities															
Interfund accounts payable	\$	146,901	\$	327,625	\$	(180,724)	(55.2)	\$	-	\$	146,901	n/a			
Accrued expenses		40,599		38,500		2,099	5.5		-		40,599	n/a			
Total current liabilities		187,500		366,125		(178,625)	(48.8)		-		187,500	n/a			
Current liab payable from restricted assets															
Short-term self-insurance		3,987,781		3,987,781		-	-		-		3,987,781	n/a			
Total current liabilities payable															
from restricted assets		3,987,781		3,987,781		-	-		-		3,987,781	n/a			
Total current liabilities		4,175,281		4,353,906		(178,625)	(4.1)		-		4,175,281	n/a			
Non-current liabilities															
Other post-employment benefits		(2,816)		4,485		(7,301)	(162.8)		-		(2,816)	n/a			
Long-term self-insurance		4,187,219		4,187,219		-	-		-		4,187,219	n/a			
Total non-current liabilities		4,184,403		4,191,704		(7,301)	(0.2)		-		4,184,403	n/a			
Total liabilities		8,359,684		8,545,610		(185,926)	(2.2)		-		8,359,684	n/a			
Net Position															
Net income (loss)		1,419,317		868,433		550,884	63.4		-		1,419,317	n/a			
Total net position		1,419,317		868,433		550,884	63.4		-		1,419,317	n/a			
Total	\$	9,779,001	\$	9,414,043	\$	364,958	3.9	\$	-	\$	9,779,001	n/a			

#### Casualty Self-Insurance Fund Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

	Actual	Budget	Current \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual Budget		Year to Date \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
Revenue										
Charges for Services	\$ 1,464,586	\$ 750,000	\$ 714,586	95.3	\$ -	\$ 5,356,463	\$ 3,000,000	\$ 2,356,463	78.5	\$ -
Interest income	4,935	-	4,935	-	-	8,255	-	8,255	-	-
Total revenue	1,469,521	750,000	719,521	95.9	-	5,364,718	3,000,000	2,364,718	78.8	-
Expense										
Wages and benefits <sup>1</sup>	137,626	139,016	1,390	1.0	-	553,129	559,297	6,168	1.1	-
Services	-	26,500	26,500	100.0	-	16,419	106,000	89,581	84.5	-
Materials and supplies	1,352	2,000	648	32.4	-	3,364	8,000	4,636	58.0	-
Casualty and liability costs	217,186	183,376	(33,810)	(18.4)	-	871,850	733,502	(138,348)	(18.9)	-
Other expenses	1,481	-	(1,481)	-	-	3,130	-	(3,130)	-	-
Casualty claims paid	699,351	725,000	25,649	3.5		3,071,452	2,900,000	(171,452)	(5.9)	
Total expense	1,056,996	1,075,892	18,896	1.8		4,519,344	4,306,799	(212,545)	(4.9)	
Net income (loss) before transfers	412,525	(325,892)	738,417	226.6	-	845,374	(1,306,799)	2,152,173	164.7	-
Net transfers in (out)	138,359	326,700	(188,341)	(57.6)		573,943	1,306,799	(732,856)	(56.1)	
Net income (loss)	\$ 550,884	\$ 808	\$ 550,076	n/a	\$-	\$ 1,419,317	<u>\$ -</u>	\$ 1,419,317	-	<u>\$ -</u>

1 - Detailed schedule included.

#### Casualty Self-Insurance Fund Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

	Actual	Bu	udget	Curren \$ Favo (Unfavo	rable	% Fav (Unfav)	Prior Year		Actual	 Budget	Year to Date \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
Personnel expense													
Wages	\$ 101,22	1 \$	102,824	\$	1,603	1.6	\$-	-	\$ 419,291	\$ 412,879	\$ (6,412)	(1.6)	\$-
Company paid benefits													
Payroll related taxes and insurance													
FICA	7,25	7	7,866		609	7.7	-		27,032	31,585	4,553	14.4	-
Unemployment insurance	6	9	459		390	85.0	-		944	3,360	2,416	71.9	-
Worker's compensation insurance		-	309		309	100.0	-		-	1,242	1,242	100.0	-
Health and welfare													
Medical	10,96	8	12,000		1,032	8.6	-		40,954	48,000	7,046	14.7	-
Dental	35	4	380		26	6.8	-		1,427	1,522	95	6.2	-
Other post employment benefits	1,34	5	-		(1,345)	-	-		5,830	-	(5,830)	-	-
Life Insurance / AD&D	16		92		(71)	(77.2)	-		571	366	(205)	(56.0)	-
Short and Long Term Disability	50	2	588		86	14.6	-		2,205	2,352	147	6.3	-
FMLA administration expense		-	39		39	100.0	-		53	156	103	66.0	-
EAP expense	2	2	26		4	15.4	-		89	102	13	12.7	-
Retirement													
Pension expense	12,90	3	6,663		(6,240)	(93.7)	-		44,770	26,653	(18,117)	(68.0)	-
401 K contributions	2,82	2	7,770		4,948	63.7	-		9,963	31,080	21,117	67.9	-
Total company paid benefits	36,40	5	36,192		(213)	(0.6)	-	-	133,838	 146,418	12,580	8.6	-
Total wages and benefits	\$ 137,62	6 \$	139,016	\$	1,390	1.0	\$-		\$ 553,129	\$ 559,297	\$ 6,168	1.1	\$-

# Casualty Self-Insurance Fund Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total	с 	)perating Cash	Cash Equivalent		
Balance at April 1, 2017						
Cash & investments	\$ 4,623,131	\$	150,492	\$	4,472,639	
Add:						
Collections	71,156		71,156		-	
Receipts from Gateway Arch Tram System	100,000		-		100,000	
Interest received	 6,750		6,750		-	
Total cash receipts	177,906		77,906		100,000	
Interfund transfers	-		137,876		(137,876)	
Less:						
Disbursements to Gateway Arch Tram System	(963)		(963)		-	
Disbursements to Health Self-Insurance	(740,655)		(326,662)		(413,993 <u></u> )	
Total cash disbursements	 (741,618)		(327,625)		(413,993)	
Balance at June 30, 2017	 					
Cash & investments	\$ 4,059,419	\$	38,649	\$	4,020,770	

### Casualty Self-Insurance Fund Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	\$ 5,356,464 (515,345) (22,914) 4,231,698 (5,572,682) 3,477,221	Supplemental disclosure of cash flow information Noncash Activities: None
Cash flows from non capital financing activities Net transfers Net cash provided by (used in) non capital financing activities	573,943	
Cash flows from capital and related financing activities None		
Cash flows from investing activities Interest received	8,255	
Net cash provided by (used in) investing activities	8,255	
Net increase (decrease) in cash and cash equivalents Cash and cash equivalents, beginning of year	4,059,419	
Cash and cash equivalents, beginning of year Cash and cash equivalents, year to date	\$ 4,059,419	





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# **Worker's Compensation Self-Insurance Fund**

# For the 12 Months Ended June 30, 2017

(Preliminary, subject to audit)

## Fast Facts

The Workers' Compensation Self-Insurance Fund (SIF) is a new fund for BSD, which began July 1, 2016. The fund includes all operating revenue and expenses related to the organization's workers' compensation claims.

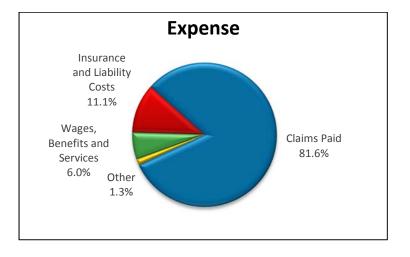
The workers' compensation claims department has three employees: Manager Workers' Compensation Claims, Claims Representative and a Claims Processor.

In September of 2016, the Risk Management Department and the Claims Departments started implementation of a new claims system called Risk Master. This new system is designed to be able to track more data and provide better report analysis. Currently, we are still working on configuring data in order to obtain better reporting data. Our goal is to identify accident trends and to work with the Operations and Safety Departments to prevent future accidents.

## **Financial Data**

**Revenue** for the workers' compensation SIF is generated by charging other BSD operational units based on ultimate claim costs. An actuarial assessment is performed by a third party annually to establish the ultimate claim cost.

**Expenses** include: paid claims; self-insurance fees for Missouri and Illinois; excess liability insurance premiums that provide coverage above the self-insured retention of \$1 million; wage and benefit costs for workers' compensation claims staff and a portion of Risk Management personnel; actuarial and broker services fees; and administrative costs.



#### Workers Compensation Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

				Current	Prior Year							
	Current Period		Prior Period		Dollar Change		Percent Change	Prior Year			Dollar Change	Percent Change
Assets						<u> </u>					<u> </u>	
Current assets												
Cash and Cash Equivalents	\$	7,111,423	\$	4,679,367	\$	2,432,056	52.0	\$		\$	7,111,423	n/a
Accounts and notes receivable		131		(4,739)		4,870	102.8		-		131	n/a
Interfund accounts receivable		500,842		2,271,334		(1,770,492)	(77.9)				500,842	n/a
Restricted accounts receivable		-		2,047		(2,047)	(100.0)		-		-	n/a
Other current assets		-		55,521		(55,521)	(100.0)				-	n/a
Total current assets		7,612,396		7,003,530		608,866	8.7		-		7,612,396	n/a
Total assets		7,612,396		7,003,530		608,866	8.7		-		7,612,396	n/a
Total	\$	7,612,396	\$	7,003,530	\$	608,866	8.7	\$	-	\$	7,612,396	n/a

### Workers Compensation Self-Insurance Fund Quarterly Statement of Financial Position June 30, 2017 (unaudited)

	Current							Prior Year					
	Current Period		Prior Period		Dollar Change		Percent	Prior		Dollar		Percent	
							Change		Year	Change		Change	
Liabilities													
Current liabilities													
Interfund accounts payable	\$	27,923	\$	195,583	\$	(167,660)	(85.7)	\$	-	\$	27,923	n/a	
Accrued expenses		24,900		23,500		1,400	6.0		-		24,900	n/a	
Total current liabilities		52,823		219,083	-	(166,260)	(75.9)		-		52,823	n/a	
Current liab payable from restricted assets													
Short-term self-insurance		3,308,273		3,308,273		-	-		-		3,308,273	n/a	
Total current liabilities payable													
from restricted assets		3,308,273		3,308,273		-	-		-		3,308,273	n/a	
Total current liabilities		3,361,096		3,527,356		(166,260)	(4.7)		-		3,361,096	n/a	
Non-current liabilities													
Other post-employment benefits		456		2,556		(2,100)	(82.2)		-		456	n/a	
Long-term self-insurance		3,473,727		3,473,727		-	-		-		3,473,727	n/a	
Total non-current liabilities		3,474,183		3,476,283		(2,100)	(0.1)		-		3,474,183	n/a	
Total liabilities		6,835,279		7,003,639		(168,360)	(2.4)		-		6,835,279	n/a	
Net Position													
Net income (loss)		777,117		(109)		777,226	n/a		-		777,117	n/a	
Total net position		777,117		(109)		777,226	n/a		-		777,117	n/a	
Total	\$	7,612,396	\$	7,003,530	\$	608,866	8.7	\$	-	\$	7,612,396	n/a	

#### Workers Compensation Self-Insurance Fund Statement of Activities For the Quarter Ended June 30, 2017 (unaudited)

	Actual	Budget	Current \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual		Budget	Year to Date \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
Revenue											
Charges for Services	\$ 2,129,742	\$ 968,683	\$ 1,161,059	119.9	\$-	\$ 5	5,940,329	\$ 3,874,730	\$ 2,065,599	53.3	\$-
Interest income	5,246	-	5,246	-	-		9,335	-	9,335	-	-
Total revenue	2,134,988	968,683	1,166,305	120.4	-	5	5,949,664	3,874,730	2,074,934	53.6	-
Expense											
Wages and benefits <sup>1</sup>	81,280	116,673	35,393	30.3	-		333,842	468,102	134,260	28.7	-
Services	175	-	(175)	-	-		9,344	-	(9,344)	-	-
Materials and supplies	1,127	750	(377)	(50.3)	-		1,303	3,000	1,697	56.6	-
Casualty and liability costs	179,237	-	(179,237)	-	-		614,746	-	(614,746)	-	-
Other expenses	18,218	125,000	106,782	85.4	-		62,155	500,000	437,845	87.6	-
Workers Compensation claims paid	1,177,126	968,683	(208,443)	(21.5)	-	4	1,513,391	3,874,731	(638,660)	(16.5)	-
Total expense	1,457,163	1,211,106	(246,057)	(20.3)		5	5,534,781	4,845,833	(688,948)	(14.2)	
Net income (loss) before transfers	677,825	(242,423)	920,248	379.6	-		414,883	(971,103)	1,385,986	142.7	-
Net transfers in (out)	99,401	242,776	(143,375)	(59.1)			362,234	971,103	(608,869)	(62.7)	
Net income (loss)	\$ 777,226	\$ 353	\$ 776,873	n/a	\$-	\$	777,117	\$ -	\$ 777,117	-	\$ -

1 - Detailed schedule included.

#### Workers Compensation Self-Insurance Fund Detailed Schedule of Wages and Benefits For the Quarter Ended June 30, 2017 (unaudited)

	Actual	Budget	Current \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	Year to Date \$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
Personnel expense										
Wages	\$ 57,568	\$ 45,260	\$ (12,308)	(27.2) \$		\$ 241,638	\$ 181,736	\$ (59,902)	(33.0)	\$-
Company paid benefits										
Payroll related taxes and insurance										
FICA	4,096	3,462	(634)	(18.3)	-	15,015	13,903	(1,112)	(8.0)	-
Unemployment insurance	23	213	190	89.2	-	377	1,512	1,135	75.1	-
Worker's compensation insurance	-	55,796	55,796	100.0	-	-	223,185	223,185	100.0	-
Health and welfare										
Medical	10,456	5,200	(5,256)	(101.1)	-	41,015	20,800	(20,215)	(97.2)	-
Dental	262	165	(97)	(58.8)	-	1,117	660	(457)	(69.2)	-
Other post employment benefits	771	-	(771)	-	-	3,327	-	(3,327)	-	-
Life Insurance / AD&D	99	40	(59)	(147.5)	-	359	159	(200)	(125.8)	-
Short and Long Term Disability	342	255	(87)	(34.1)	-	1,594	1,019	(575)	(56.4)	-
FMLA administration expense	-	17	17	100.0	-	32	68	36	52.9	-
EAP expense	13	11	(2)	(18.2)	-	56	44	(12)	(27.3)	-
Retirement										
Pension expense	4,838	2,887	(1,951)	(67.6)	-	18,062	11,548	(6,514)	(56.4)	-
401 K contributions	2,812	3,367	555	16.5	-	11,250	13,468	2,218	16.5	-
Total company paid benefits	23,712	71,413	47,701	66.8	-	92,204	286,366	194,162	67.8	-
Total wages and benefits	\$ 81,280	\$ 116,673	\$ 35,393	30.3 _\$		\$ 333,842	\$ 468,102	\$ 134,260	28.7	\$-

### Workers Compensation Self-Insurance Fund Cash Receipts and Disbursements Schedule For the Quarter Ended June 30, 2017 (unaudited)

Description	 Total		Dperating Cash	Cash Equivalent	
Balance at April 1, 2017					
Cash & investments	\$ 4,679,367	\$	22,942	\$	4,656,425
Add:					
Collections	94,666		94,627		39
Receipts from Metro	2,772,488		2,507,813		264,675
Interest received	 7,293		7,293		-
Total cash receipts	2,874,447		2,609,733		264,714
Interfund transfers	-		(2,370,292)		2,370,292
Less:					
Disbursements to Health Self-Insurance	(442,391)		(195,583)		(246,808)
Total cash disbursements	 (442,391)		(195,583)		(246,808)
Balance at June 30, 2017	 				
Cash & investments	\$ 7,111,423	\$	66,800	\$	7,044,623

### Worker's Compensation Self-Insurance Fund Statement of Cash Flows For the Twelve Months Ended June 30, 2017 (unaudited)

Cash flows from operating activities Receipts from customers Payments to employees Payments to vendors Payments for self-insurance Receipts (payments) from inter-fund activity Net cash provided by (used in) operating activities	(30 (7 1,65 (47	Supplemental disclosure of cash flow information 40,198 108,486) Noncash Activities: 72,802) None 53,863 72,919) 39,854
Cash flows from non capital financing activities Net transfers Net cash provided by (used in) non capital financing activities		52,234 
Cash flows from capital and related financing activities None		
Cash flows from investing activities Interest received		9,335
Net cash provided by (used in) investing activities		9,335
Net increase (decrease) in cash and cash equivalents	7,11	11,423
Cash and cash equivalents, beginning of year		<u> </u>
Cash and cash equivalents, year to date	\$ 7,11	11,423

### STAFFING





Staffing Level	I Report	
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BU150096

STAFFING

#### BI-STATE DEVELOPMENT STAFFING LEVEL REPORT June 2017

		EMPLOYEES A	AT END OF MON	ГН			
	PRIOR			CURRENT	BUDGETED		PERCENT
I	MONTH	ADDED	DELETED	MONTH	POSITIONS	VARIANCE	VARIANCE
A.T.U. Maintenance & Operations:							
Light Rail Vehicle Operators	114	0	(3)	111	102	9	8.8%
PT Bus Operators	88	10	(8)	90	83	7	8.4%
Bus Operators	839	2	(11)	830	834	(4)	-0.5%
Van Operators	190	1	(3)	188	200	(12)	-6.0%
Vehicle Maintenance	276	5	0	281	285	(4)	-1.4%
MetroBus Support Services and Facility Maintenance	24	0	0	24	24	0	0.0%
Right of Way Maintenance	51	0	(1)	50	51	(1)	-2.0%
Revenue Operations & Maintenance	13	0	0	13	13	0	0.0%
Materials Management	<u>27</u>	<u>0</u>	<u>0</u>	<u>27</u>	<u>26</u>	<u>1</u>	<u>3.8%</u>
SUBTOTAL A.T.U. Maintenance & Operations	1,622	18	(26)	1,614	1,618	(4)	-0.2%
Other:							
A.T.U. Clerical Unit	50	0	0	50	52	(2)	-3.8%
I.B.E.W.	62	0	(1)	61	66	(5)	-7.6%
Salaried	475	10	(3)	482	543	(61)	-11.2%
SUBTOTAL Other	587	10	(4)	593	661	(68)	-10.3%
TOTAL	2,209	28	(30)	2,207	2,279	(72)	-3.2%
ARCH							
Salaried:	14	0	0	14	14	0	0.0%
Hourly:*	105	12	(7)	110	84	26	31.0%
TOTAL ARCH	119	12	(7)	124	98	26	26.5%
AUDDODT	12	0	0	12	12	0	0.0%
AIRPORT	12	0	0	12	12	0	0.0%
RIVERBOAT CRUISES							
Salaried:	11	0	0	11	12	(1)	-8.3%
Hourly:*	62	6	(5)	63	49	14	28.6%
TOTAL RIVERBOAT CRUISES	73	6	(5)	74	61	13	21.3%
EXECUTIVE OFFICE	32	0	0	32	33	(1)	-3.0%
GRAND TOTAL	2,445	46	(42)	2,449	2,483	(34)	-1.4%

Does not include Security Officers, Interns or Temporary Employees

\*Includes PT and Seasonal - Actual depends on availability

7/12/2017

# 2017 PERFORMANCE INDICATORS

Fourth Quarter Ending June 30, 2017



Bi-State Development of the Missouri-Illinois Metropolitan District



### **EXECUTIVE SUMMARY**

#### METRO

#### SERVICE CHANGES AND FARE INCREASES

Metro quarterly service change adjusted four bus routes in June and eight bus routes in March 2017. The quarterly service change in November 2016 adjusted 20 MetroBus routes and included a new Illinois route. Last August new schedules for Red Line and Blue Line MetroLink service, and 59 MetroBus routes were released. These scheduling changes improved connections for MetroLink passengers who transfer between Red Line and Blue trains at the Forest Park-DeBaliviere MetroLink Station, and ensure timely and efficient connections between MetroBus and MetroLink. The completion of the major rehabilitation project on the Eads Bridge and the reopening of both eastbound and westbound tracks across the bridge last summer have allowed Metro to adjust MetroLink schedules for the first time since 2012. There was no fare increase in FY 2017. The last fare increase was in FY 2015.

#### **REVENUES AND EXPENSES**

Passenger revenue of \$44.6 million is 8.7% less than prior year primarily as a result of lower ridership. Operating expenses are 3.1% greater than prior year due to higher wages and benefits and property and casualty insurance cost.

#### **RIDERSHIP AND OTHER CUSTOMER MEASURES**

Passenger boardings for FY 2017 are 6.9% lower than the prior year. By mode, the decrease was MetroBus 7.8%, MetroLink 5.6% and Call-A-Ride 3.1%. Ridership was down due to a number of factors including lower fuel prices and an employment shift away from Metro's core service area as well as perceived security issues. Passenger injuries per 100,000 boardings is down 32.7% for the system, when comparing FY 2017 to FY 2016. Customer complaints per 100,000 boardings is down 17.2% from the prior year.

#### **BUSINESS MEASURES**

The system average fare for FY 2017 is \$1.06, compared to \$1.08 for the prior year and a budget of \$1.10. Farebox recovery is lower than the prior year primarily due to lower passenger revenue. Operating expense per passenger boarding increased 8.8% to \$6.53, when compared to the prior year. The increase in cost per boarding over prior year is due to lower ridership.

#### **OPERATING MEASURES**

For the year ended June 30, 2017, vehicle accidents per 100,000 vehicle miles is 1.5, which is equal to the prior year. Unscheduled absenteeism is 3.3%, against a prior year of 3.6%. Passenger boardings per revenue mile and revenue hour are below prior year due to lower ridership.



### **EXECUTIVE SUMMARY (Cont.)**

#### **EXECUTIVE SERVICES**

Income before depreciation for Executive Services was less than budget by 1.1% as both total revenues and total expenses are lower than budget. The lower than budgeted revenues are a result of lower management fees received from Metro Transit, the Gateway Arch and the National Park Service. The lower than budgeted expenses are primarily due to lower spending on legal, auditing and consulting fees. Other expenses include annual membership dues for the American Public Transit Association, St. Louis Regional Chamber and Citizens for Modern Transit.

#### **GATEWAY ARCH**

Loss before depreciation of \$562.7 thousand is unfavorable compared to budget because of lower than expected ticket revenue due to Arch grounds construction. Even though the number of tram tickets sold has decreased compared to prior year, a strategic change in ticket pricing resulted in actual revenue nearly attaining prior year revenue. Income is lower than budget also because of disbursements requested by the National Park Service. These disbursements include a structural engineering study of the Old Courthouse, a business plan, the riverfront east slope ramps, Arch overlook stair repairs and Arch visitor center lobby rehabilitation.

#### ST. LOUIS DOWNTOWN AIRPORT

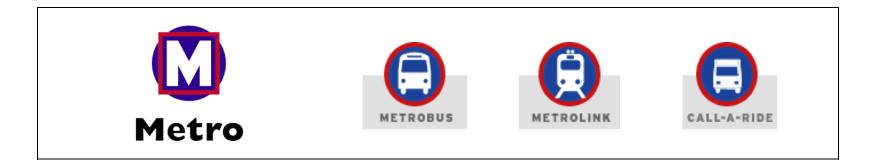
Airport revenues were 4.8% greater than budget and expenses were 11.6% greater than budget resulting in a loss before depreciation of \$240.0 thousand. Airport activity varies because of the economy, special events and weather conditions. Aircraft movements increased 5.3% from last year while the gallons of fuel sold decreased 9.1% and the average number of aircraft based at the airport decreased 2.2% compared to last year.

#### **RIVERFRONT ATTRACTIONS**

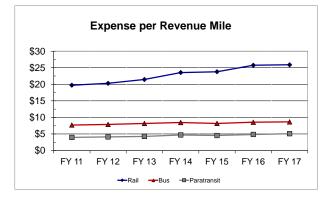
Riverboat passengers for the year ended June 30, 2017 were at the same level as budget, but were 20.8% higher than FY 2016. There were 15.1% more cruises than FY 2016. Cruise days of operation in FY 2017 were 4.2% higher than FY 2016 due to fewer flooding issues. Expenses were 3.4% lower than budget mostly due to a vacant position and favorable employee benefit costs and also less than expected food costs. Income before depreciation for the year ended June 30, 2017 was \$343.8 thousand compared to a prior year income of \$113.0 thousand.

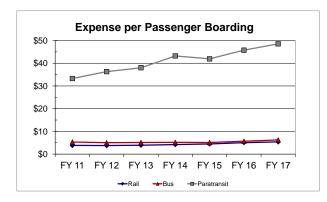
#### ST. LOUIS REGIONAL FREIGHTWAY

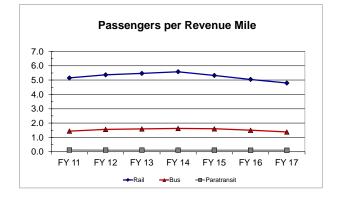
Loss before depreciation for the year ended June 30, 2017 was \$497.5 thousand. This is favorable to budget by \$138.8 thousand. Revenue is \$12 thousand or 5.6% less than budget. Expenses are 17.7% lower than budget due to less than anticipated consulting expense.

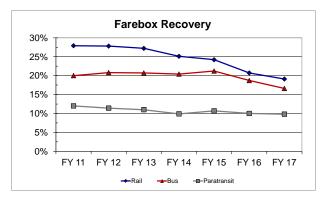


### ANNUAL TRANSIT PERFORMANCE







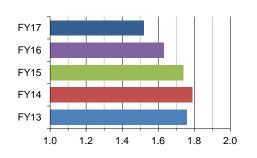


### Metro System Profile

Annual Ridership (in millions)

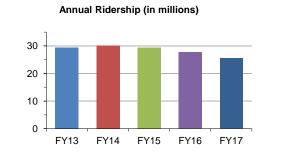


Annual Passengers per Revenue Mile



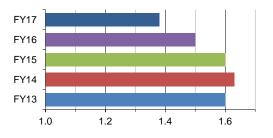
Goal	FY 2017	FY 2016	Change		FY 2015	FY 2014	FY 2013
				Customer Measures			
141,675	128,768	137,879	-6.6%	Average Weekday Ridership	146,682	151,630	149,907
45,254,839	40,998,779	44,046,960	-6.9%	Passenger Boardings	46,653,939	48,170,065	47,119,266
1.0	1.1	1.6	-32.7%	Passenger Injuries per 100,000 Boardings	1.4	1.3	1.4
10.0	11.7	14.1	-17.2%	Customer Complaints per 100,000 Boardings	11.9	10.6	14.0
				Business Measures			
\$1.10	\$1.06	\$1.08	-2.0%	Average Fare (Includes Fixed & Special)	\$1.10	\$1.07	\$1.08
17.7%	16.2%	18.0%	-9.9%	Farebox Recovery	20.6%	20.2%	21.0%
\$154.16	\$147.39	\$145.36	1.4%	Operating Expense per Revenue Hour	\$138.46	\$141.51	\$134.07
\$6.21	\$6.53	\$6.00	8.8%	Operating Expense per Passenger Boarding	\$5.35	\$5.31	\$5.12
\$4.87	\$5.21	\$4.72	10.3%	Subsidy per Passenger Boarding	\$4.02	\$4.03	\$3.84
				Operating Measures			
1.9	1.5	1.5	0.2%	Vehicle Accidents per 100,000 Vehicle Miles	1.6	1.6	1.5
3.0%	3.4%	3.6%	-5.6%	Unscheduled Absenteeism	3.5%	3.2%	3.0%
1.68	1.52	1.63	-6.8%	Passenger Boardings per Revenue Mile	1.74	1.79	1.76
24.81	22.57	24.22	-6.8%	Passenger Boardings per Revenue Hour	25.90	26.66	26.21

### **MetroBus Profile**



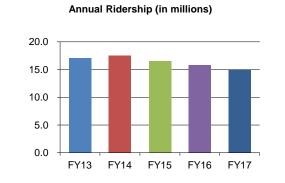


Annual Passengers per Revenue Mile



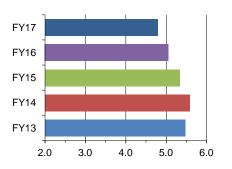
Goal	FY 2017	FY 2016	Change		FY 2015	FY 2014	FY 2013
				Customer Measures			
90,555	80,731	87,213	-7.4%	Average Weekday Ridership	93,284	95,577	94,547
28,762,544	25,549,794	27,701,279	-7.8%	Passenger Boardings	29,439,358	30,123,181	29,473,585
1.2	1.4	2.1	-30.9%	Passenger Injuries per 100,000 Boardings	1.9	1.7	1.8
15.0	10.2	12.2	-16.8%	Customer Complaints per 100,000 Boardings	13.2	11.4	15.6
				Business Measures			
\$1.09	\$1.04	\$1.06	-2.4%	Average Fare (Fixed and Special)	\$1.09	\$1.06	\$1.07
18.4%	16.6%	18.7%	-11.5%	Farebox Recovery	21.2%	20.4%	20.7%
\$122.29	\$115.42	\$114.23	1.0%	Operating Expense per Revenue Hour	\$111.10	\$115.13	\$111.89
\$5.90	\$6.28	\$5.70	10.2%	Operating Expense per Passenger Boarding	\$5.14	\$5.21	\$5.14
				Operating Measures			
2.30	2.14	2.14	0.2%	Vehicle Accidents per 100,000 Vehicle Miles	2.24	2.23	2.09
91.0%	92.2%	92.0%	0.2%	On-Time Performance	92.0%	91.5%	92.3%
1.55	1.38	1.50	-8.2%	Passenger Boardings per Revenue Mile	1.60	1.63	1.60
20.73	18.37	20.04	-8.3%	Passenger Boardings per Revenue Hour	21.59	22.11	21.75
99.9%	99.8%	99.8%	0.0%	Percent of Trips Completed	99.8%	99.8%	99.9%
22,000	19,842	20,568	-3.5%	Revenue Miles Between Roadcalls	18,214	19,967	21,239

### **MetroLink Profile**





Annual Passengers per Revenue Mile



Goal	FY 2017	FY 2016	Change		FY 2015	FY 2014	FY 2013
				Customer Measures			
49,186	46,180	48,752	-5.3%	Average Weekday Ridership	51,442	54,077	53,339
15,918,048	14,898,291	15,777,584	-5.6%	Passenger Boardings	16,637,447	17,466,322	17,054,484
0.6	0.2	0.4	-50.5%	Passenger Injuries per 100,000 Boardings	0.5	0.5	0.5
1.8	1.4	2.3	-40.7%	Customer Complaints per 100,000 Boardings	1.5	1.4	1.5
				Business Measures			
\$1.09	\$1.04	\$1.06	-2.4%	Average Fare (Fixed and Special)	\$1.09	\$1.06	\$1.07
20.1%	19.1%	20.7%	-7.8%	Farebox Recovery	24.5%	25.1%	27.2%
\$640.52	\$607.37	\$605.75	0.3%	Operating Expense per Revenue Hour	\$554.51	\$554.05	\$506.36
\$5.36	\$5.40	\$5.10	5.9%	Operating Expense per Passenger Boarding	\$4.41	\$4.22	\$3.92
				Operating Measures			
0.10	0.05	0.05	0.6%	Vehicle Accidents per 100,000 Vehicle Miles	0.08	0.06	0.00
98.0%	97.6%	97.0%	0.6%	On-Time Performance	97.3%	97.0%	97.5%
5.07	4.79	5.05	-5.0%	Passenger Boardings per Revenue Mile	5.33	5.58	5.47
119.43	112.49	118.81	-5.3%	Passenger Boardings per Revenue Hour	125.71	131.40	129.05
30,000	28,907	32,723	-11.7%	Vehicle Miles between Failures	36,535	27,196	32,150

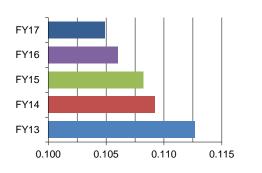
### **Call-A-Ride Profile**

### 700 600 500 400 300 FY13 FY14 FY15 FY16 FY17

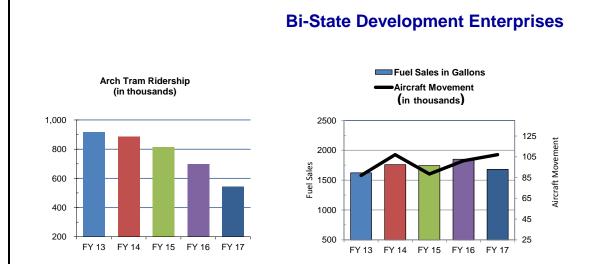
Annual Ridership (in thousands)

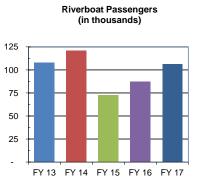


Annual Passengers per Revenue Mile



Goal	FY 2017	FY 2016	Change		FY 2015	FY 2014	FY 2013
				Customer Measures			
1,934	1,857	1,914	-2.9%	Average Weekday Ridership	1,957	1,976	2,021
574,247	550,694	568,097	-3.1%	Passenger Boardings	577,134	580,562	591,197
5.0	6.9	9.7	-28.7%	Passenger Injuries per 100,000 Boardings	5.0	6.7	6.6
15.0	22.5	29.7	-24.3%	Customer Complaints per 100,000 Boardings	22.5	18.1	14.4
				Business Measures			
\$2.13	\$2.52	\$2.27	10.8%	Average Fare	\$2.11	\$1.96	\$1.86
9.9%	9.8%	10.0%	-2.5%	Farebox Recovery (excludes contractual)	10.7%	9.9%	11.0%
22.2%	17.4%	17.9%	-2.8%	Revenue Recovery (includes contractual)	22.5%	22.7%	26.3%
\$86.64	\$91.24	\$85.68	6.5%	Operating Expense per Revenue Hour	\$80.28	\$80.82	\$72.48
\$44.87	\$48.59	\$45.75	6.2%	Operating Expense per Passenger Boarding	\$42.49	\$43.37	\$38.11
				Operating Measures			
1.50	0.75	0.79	-5.2%	Vehicle Accidents per 100,000 Vehicle Miles	0.99	0.76	1.22
95.0%	92.0%	92.3%	-0.3%	On-Time Performance	94.3%	93.3%	94.0%
0.11	0.10	0.11	-1.3%	Passenger Boardings per Revenue Mile	0.11	0.11	0.11
1.89	1.88	1.87	0.5%	Passenger Boardings per Revenue Hour	1.89	1.86	1.90
50,000	43,392	38,451	12.9%	Revenue Miles between Maintenance Failure	31,383	47,459	44,090





Goal	FY 2017	FY 2016	Change		FY 2015	FY 2014	FY 2013
				Gateway Arch			
2,129,477	(\$562,677)	\$2,399,823	-123.4%	Income (Loss) Before Depreciation	(\$6,017,961)	\$1,466,881	\$1,607,388
488,259	543,013	696,905	-22.1%	Tram Ridership	814,737	885,165	916,611
				Riverfront Attractions			
\$95,267	\$343,840	\$112,980	204.3%	Income (Loss) Before Depreciation	(\$386,436)	\$33,330	(\$120,603)
73,795	105,775	87,588	20.8%	Passengers	73,091	120,723	108,122
599	909	790	15.1%	Cruises	667	932	1,000
179	249	239	4.2%	Days of Operation	202	248	245
				St. Louis Downtown Airport			
(\$122,720)	(\$240,003)	(\$188,991)	-27.0%	Income (Loss) Before Depreciation	\$144,526	\$247,851	\$879,085
1,330,223	1,680,533	1,849,645	-9.1%	Fuel Sales (gallons)	1,742,032	1,757,640	1,622,881
67,500	106,588	101,227	5.3%	Aircraft Movements	88,345	106,996	87,091
320	319	326	-2.2%	Average Based Aircraft	325	321	322
				Executive Services			
\$251,191	\$248,464	\$320,572	-22.5%	Income (Loss) Before Depreciation	\$1,075,644	\$586,829	\$1,220,499
				St. Louis Regional Freightway			
(\$636,380)	(\$497,543)	(\$223,461)	-122.7%	Income (Loss) Before Depreciation	n/a	n/a	n/a

				Peer P	erforma	ance - S	System						
CHARACTERISTICS PERFORMANCE MEA		st. Louis	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	<sup>SAN DIEGO</sup>	SAN JOSE	AVERAGE
Population of service area (in millions)	FY 15 FY 14 FY 13	1.62 1.54 1.54	0.98 1.18 1.18	1.41 1.41 1.41	2.35 2.33 2.44	2.88 2.88 3.16	1.84 1.84 1.84	1.42 1.42 1.42	1.56 1.54 1.49	1.04 1.04 0.97	2.46 2.22 2.22	1.88 1.88 1.88	1.77 1.75 1.78
Passenger Boardings (in millions)	FY 15 FY 14 FY 13	46.6 48.1 47.1	26.3 26.4 29.8	47.0 49.2 49.2	69.8 70.9 71.3	102.3 104.3 101.4	85.8 84.5 81.4	65.2 63.7 63.6	101.4 99.5 99.3	25.6 26.4 27.3	94.9 91.9 82.1	45.1 44.5 44.2	64.5 64.5 63.3
Average Weekday Passenger Boardings	FY 15 FY 14 FY 13	146,826 151,998 149,797	89,830 89,281 102,859	151,756 157,573 134,644	232,322 237,392 239,166	335,088 341,480 333,857	276,408 273,036 266,688	218,583 214,295 215,288	323,289 317,091 316,247	89,197 91,145 94,545	305,952 292,946 261,202	145,378 145,060 144,379	210,421 210,118 205,334
Average Saturday Passenger Boardings	FY 15 FY 14 FY 13	98,135 101,528 97,174	38,258 40,388 44,411	89,554 98,272 136,484	119,014 120,242 118,702	182,305 182,086 171,758	166,145 162,025 148,429	105,391 102,367 100,443	196,604 194,568 197,406	34,890 32,107 37,705	184,603 183,390 170,704	80,485 76,481 76,864	117,762 117,587 118,189
Average Sunday Passenger Boardings	FY 15 FY 14 FY 13	67,147 67,580 64,565	26,145 27,506 23,566	63,396 68,066 133,918	73,799 71,279 69,308	123,909 131,978 124,157	119,555 117,666 103,615	65,857 62,858 61,827	147,793 143,800 143,471	22,004 23,346 23,715	128,004 133,483 118,200	66,344 60,800 60,281	82,178 82,578 84,238
Vehicles in Operated in Maximum Service	FY 15 FY 14 FY 13	473 469 467	351 361 357	547 537 531	1,042 1,080 1,071	1,395 1,416 1,328	885 861 831	912 900 951	918 894 888	222 223 221	732 690 649	679 677 667	741 737 724
Farebox Recovery	FY 15 FY 14 FY 13	21.0% 21.5% 22.7%	25.3% 29.2% 29.4%	19.8% 20.2% 22.4%	15.0% 15.7% 15.1%	25.7% 25.3% 26.4%	25.2% 27.1% 29.1%	27.2% 27.3% 28.0%	31.5% 30.3% 29.6%	21.8% 22.5% 22.2%	40.6% 41.2% 40.0%	12.4% 12.4% 13.0%	24.1% 24.8% 25.3%
Subsidy per Passenger Boarding	FY 15 FY 14 FY 13	4.25 4.02 3.81	3.62 3.38 2.95	4.09 4.06 3.61	5.65 5.54 5.48	3.42 3.42 3.25	3.29 2.97 2.74	4.21 4.19 4.07	2.65 2.75 2.77	4.11 3.94 3.94	1.51 1.46 1.66	6.66 6.55 6.23	3.95 3.84 3.68

				Peer Pe	erforma	ince - I	Bus						
CHARACTERISTIC PERFORMANCE ME		ST. LOUIS	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	<sup>SAN JOSE</sup>	<sup>AVERAGE</sup>
Fleet Size	FY 15 FY 14 FY 13	390 383 378	316 322 312	396 391 391	636 861 650	1,127 1,101 1,029	907 905 912	705 701 695	643 608 597	219 225 225	605 582 517	507 452 455	586 594 560
Fleet Age (average in years)	FY 15 FY 14 FY 13	7.4 8.2 8.9	9.3 8.3 7.9	7.9 9.7 9.4	4.5 4.0 7.6	6.5 8.9 9.8	4.9 4.7 5.1	7.4 7.5 7.2	9.5 11.4 13.0	8.0 8.6 7.6	6.6 6.7 7.2	9.4 10.2 9.3	7.4 8.0 8.5
Passenger Boardings (in millions)	FY 15 FY 14 FY 13	29.4 30.1 29.4	21.7 21.6 23.3	37.3 34.4 34.3	36.4 37.4 37.9	75.5 76.7 76.3	62.1 67.8 70.4	54.8 53.4 53.1	62.1 59.7 58.7	13.7 13.7 13.8	53.9 51.3 51.6	33.0 32.9 32.7	43.6 43.5 43.8
Bus Boardings as a Percent of System Boardings	FY 15 FY 14 FY 13	63.1% 62.6% 62.4%	82.5% 81.8% 78.2%	79.4% 70.0% 69.7%	52.1% 52.7% 53.2%	73.8% 73.5% 75.2%	72.4% 80.3% 86.5%	84.0% 83.8% 83.5%	61.2% 60.0% 59.1%	53.5% 51.7% 50.5%	56.8% 55.9% 62.8%	73.2% 73.8% 74.1%	67.6% 67.8% 68.7%
Operating Expense (in millions)	FY 15 FY 14 FY 13	\$ 153.2 \$ 150.4 145.4	96.6 \$ 95.4 93.0	161.7 \$ 166.7 153.0	233.6 \$ 238.6 248.8	314.6 327.0 313.1	\$296.5 280.8 264.4	\$ 284.3 \$ 276.8 270.4	236.8 \$ 240.9 239.1	77.2 \$ 77.9 73.8	147.7 \$ 138.2 143.0	240.5 <b>\$</b> 238.3 226.0	203.9 202.8 197.3
Operating Expense per Revenue Mile	FY 15 FY 14 FY 13	\$8.32 8.13 7.87	5 11.46 \$ 11.22 10.72	11.61 \$ 12.59 11.80	8.54 \$ 8.91 9.13	8.69 9.19 8.82	\$ 12.27 \$ 11.71 11.43	\$ 14.08 \$ 14.56 14.32	11.74 \$ 12.32 12.51	12.82 \$ 12.98 12.52	8.03 \$ 8.23 8.67	15.57 <b>\$</b> 15.88 15.27	11.19 11.43 11.19
Operating Expense per Passenger Mile	FY 15 FY 14 FY 13	\$ 1.04 \$ 0.95 0.95	5 1.25 \$ 1.15 1.08	1.09 \$ 1.15 1.06	1.62 \$ 1.57 1.61	0.80 0.84 0.78	5 1.17 \$ 0.99 0.93	\$ 1.24 \$ 1.16 1.30	0.83 \$ 0.84 1.04	1.50 \$ 1.47 1.49	0.74 \$ 0.76 0.79	1.36 <b>\$</b> 1.36 1.35	1.15 1.11 1.13
Operating Expense per Passenger Boarding	FY 15 FY 14 FY 13	\$ 5.20 \$ 5.00 4.94	4.45 \$ 4.42 4.00	4.75 \$ 4.84 4.46	6.42 \$ 6.38 6.56	4.17 4.27 4.10	\$ 4.77 \$ 4.14 3.75	\$       5.18    \$ 5.18 5.09	3.81 \$ 4.03 4.08	5.64 \$ 5.71 5.35	2.74 \$ 2.69 2.77	7.28 <b>\$</b> 7.25 6.90	4.95 4.90 4.73
Boardings per Revenue Mile	FY 15 FY 14 FY 13	1.6 1.6 1.6	2.6 2.5 2.7	3.0 2.6 2.7	1.3 1.4 1.4	2.1 2.2 2.2	2.6 2.8 3.0	2.7 2.8 2.8	3.1 3.1 3.1	2.3 2.3 2.3	2.9 3.1 3.1	2.1 2.2 2.2	2.4 2.4 2.5
Boardings per Revenue Hour	FY 15 FY 14 FY 13	21.6 22.1 21.7	27.6 27.7 29.4	32.4 30.0 30.4	16.9 18.0 18.1	27.3 28.7 29.3	30.7 33.1 35.1	35.7 36.0 36.5	35.4 35.8 36.2	24.9 24.9 25.9	32.3 32.6 33.4	25.0 26.0 26.7	28.2 28.6 29.3

Source: National Transit Database - Calculations based on NTD definitions

			F	Pee	er Pe	rfo	ormai	າດ	e - Li	gl	nt Rai	il						
CHARACTERISTIC PERFORMANCE ME/		ST. LOUIS	BUFFALO		CLEVELAND		DALLAS		DENVER		MINNEAPOLIS		PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	<sup>AVERAGE</sup>
Fleet Size	FY 15 FY 14 FY 13	87 87 87	27 27 27		34 48 48		163 163 163		172 172 172		86 86 62		83 83 83	133 131 131	76 76 76	130 162 175	99 99 99	99 103 102
Fleet Age (average in years)	FY 15 FY 14 FY 13	16.3 15.3 14.3	30.9 29.9 28.9		31.0 33.0 32.0		13.0 12.0 11.0		9.7 8.7 7.7		4.5 3.5 3.9		23.6 22.6 21.6	18.0 17.0 16.2	19.1 18.1 17.1	11.9 14.1 15.8	13.7 12.7 11.7	17.4 17.0 16.4
Passenger Boardings (in millions)	FY 15 FY 14 FY 13	16.6 17.5 17.1	4.4 4.6 6.3		2.6 2.8 2.9		29.8 29.5 29.5		25.5 26.4 23.8		23.0 16.0 10.2		8.0 7.9 8.0	37.7 38.2 39.2	12.1 12.7 13.5	40.1 39.7 29.7	11.6 11.0 10.7	19.2 18.7 17.3
Rail Boardings as a Percent of System Boardings	FY 15 FY 14 FY 13	35.7% 36.3% 36.2%	16.8% 17.6% 21.2%		5.5% 5.6% 5.9%		42.8% 41.5% 41.3%		24.9% 25.3% 23.4%		26.8% 18.9% 12.5%		12.3% 12.5% 12.6%	37.2% 38.4% 39.5%	47.1% 48.1% 49.5%	42.2% 43.2% 36.2%	25.8% 24.6% 24.3%	29.8% 28.4% 27.5%
Operating Expense (in millions)	FY 15 FY 14 FY 13	\$ 73.3 71.6 64.8	\$ 22.2 22.1 23.3	\$	13.5 13.1 11.7	\$	168.2 165.0 151.0	\$	111.0 102.2 87.1	\$	64.7 48.9 32.4	\$	55.7 53.1 51.5	\$ 111.5 108.1 99.3	\$ 56.9 54.8 50.0	\$ 73.1 71.6 66.4	\$ 81.3 74.7 69.0	\$ 75.6 71.4 64.2
Operating Expense per Vehicle Revenue Mile	FY 15 FY 14 FY 13	\$ 11.73 11.47 10.41	\$ 26.73 24.34 23.77	\$	16.03 15.78 14.92	\$	17.30 17.92 16.55	\$	10.00 9.16 8.56	\$	12.59 12.21 14.03	\$	26.08 25.66 25.52	14.22 14.00 12.87	\$ 14.46 13.92 12.76	\$ 8.50 8.41 8.55	\$ 23.11 22.03 21.50	\$ 16.43 15.90 15.40
Operating Expense per Passenger Mile	FY 15 FY 14 FY 13	\$ 0.53 0.49 0.42	\$ 1.81 1.81 1.42	\$	0.90 0.80 0.68	\$	0.68 0.68 0.63	\$	0.61 0.51 0.43	\$	0.66 0.67 0.60	\$	1.79 1.57 1.56	\$ 0.54 0.50 0.50	\$ 0.83 0.73 0.66	\$ 0.33 0.31 0.38	\$ 1.33 1.21 1.19	\$ 0.91 0.84 0.77
Operating Expense per Passenger Boarding	FY 15 FY 14 FY 12	\$ 4.40 4.10 3.80	\$ 5.03 4.77 3.45	\$	5.19 4.71 4.32	\$	5.64 5.60 4.92	\$	4.35 3.88 3.32	\$	2.81 3.06 2.66	\$	6.92 6.69 7.30	\$ 2.95 2.83 2.36	\$ 4.72 4.31 3.45	\$ 1.82 1.80 1.94	\$ 7.17 6.82 5.95	\$ 4.64 4.42 3.95
Boardings per Vehicle Revenue Mile	FY 15 FY 14 FY 13	2.7 2.8 2.7	5.3 5.1 6.5		3.1 3.3 3.7		3.1 3.2 3.2		2.3 2.4 2.3		4.5 4.0 4.4		3.8 3.8 4.0	4.8 4.9 5.1	3.1 3.2 3.5	4.7 4.7 3.8	3.2 3.2 3.4	3.7 3.7 3.9
Boardings per Vehicle Revenue Hour	FY 15 FY 14 FY 13	62.9 65.8 64.6	52.8 54.8 73.5		46.1 51.1 55.1		63.7 65.1 65.2		40.6 40.5 41.8		54.0 48.6 62.0		47.9 49.2 50.5	70.6 72.2 74.2	55.3 58.3 62.2	80.9 78.7 63.0	51.1 50.1 54.1	56.9 57.7 60.6

Source: National Transit Database - Calculations based on NTD definitions

			Ρ	eer P	erfo	orma	an	ce -	De	emano	d Res	ро	nse					
CHARACTERISTI PERFORMANCE MI		ST .	SIDOT	BUFFALO	ċ	CLEVELAND		DALLAS		DENVER	MINNEAPOLIS		PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	<sup>AVERAGE</sup>
Fleet Size	FY 15 FY 14 FY 13		18 16 20	74 74 69		159 158 146		118 165 165		404 450 386	-		346 346 390	219 268 268	- -	202 146 145	242 244 254	209 219 216
Fleet Age (average in years)	FY 15 FY 14 FY 13		4.5 5.8 4.7	5.1 4.1 5.3		4.3 4.9 4.0		2.8 1.8 0.6		5.0 4.5 5.3	-		4.5 5.6 5.4	5.6 3.7 3.7	-	6.0 4.1 3.1	3.7 2.9 2.4	4.6 4.2 3.8
Passenger Boardings (in millions)	FY 15 FY 14 FY 13	0	.58 .58 .59	0.18 0.16 0.17		0.70 0.75 0.70		0.40 0.47 0.52		1.23 1.27 1.23	-		0.79 1.59 1.72	0.92 0.93 0.93	-	0.59 0.55 0.51	0.72 0.73 0.73	0.68 0.78 0.79
Demand-Response Boardings as a Percent of System Boardings	FY 15 FY 14 FY 13	1	.2% .2% .3%	0.7% 0.6% 0.6%		1.5% 1.5% 1.4%		0.6% 0.7% 0.7%		1.2% 1.2% 1.2%	-		1.2% 2.5% 2.7%	0.9% 0.9% 0.9%	-	0.6% 0.6% 0.6%	1.6% 1.6% 1.7%	1.1% 1.2% 1.2%
Operating Expense (in millions)	FY 15 FY 14 FY 13	2	4.4 \$ 4.7 1.9	8.8 8.3 7.9	\$	32.1 32.4 29.9	\$	16.6 23.7 21.0	\$	45.6 48.1 46.9	-	\$	36.3 36.3 36.3	\$ 32.6 32.8 32.2	-	\$ 17.5 15.5 14.5	\$ 21.0 20.0 22.0	26.1 26.8 25.8
Operating Expense per Revenue Mile	FY 15 FY 14 FY 13	4	.57 \$ .64 .17	5.20 5.40 4.93	\$	6.04 6.24 6.00	\$	6.97 8.07 4.99	\$	4.18 4.59 4.68	-	\$	3.89 3.75 3.64	\$ 5.15 5.01 4.92	-	\$ 4.21 4.25 4.41	\$ 3.54 3.23 3.66	4.86 5.02 4.60
Operating Expense per Passenger Mile	FY 15 FY 14 FY 13	4	.26 \$ .29 .66	4.85 4.86 4.31	\$	5.35 4.45 6.02	\$	3.34 3.81 2.90	\$	4.39 4.64 4.40	-	\$	3.07 2.91 2.73	\$ 3.74 3.63 3.50	-	\$ 2.99 2.94 3.05	\$ 3.10 2.47 2.68	3.90 3.78 3.69
Operating Expense per Passenger Boarding	FY 15 FY 14 FY 13	42	.28 \$ .53 .00	48.96 50.63 46.30		45.64 43.07 42.40	\$	41.73 50.56 40.51	\$	37.07 37.85 38.15	-	\$	23.89 22.74 21.13	\$ 35.25 35.33 34.61	-	\$ 29.41 28.38 28.38	\$ 29.11 27.47 29.96	37.04 37.62 35.38
Boardings per Revenue Mile	FY 15 FY 14 FY 13		0.1 0.1 0.1	0.1 0.1 0.1		0.1 0.1 0.1		0.2 0.2 0.1		0.1 0.1 0.1	-		0.2 0.2 0.2	0.1 0.1 0.1		0.1 0.1 0.2	0.1 0.1 0.1	0.1 0.1 0.1
Boardings per Revenue Hour * Minneapolis and Sacramen	FY 15 FY 14 FY 13		1.9 1.9 1.9	1.9 1.8 1.9		1.9 2.0 2.0		2.1 2.1 1.8		1.7 1.8 1.8	-		2.3 2.4 2.6	2.0 2.0 2.0	-	2.5 2.6 2.7	2.6 2.6 2.6	2.1 2.1 2.1

\* Minneapolis and Sacramento are not included in the Average Source: National Transit Database - Calculations based on NTD definitions

# Average Weekday Ridership

		MetroBus			MetroLink		(	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	84,399	93,722	-9.9%	50,290	52,865	-4.9%	1,860	1,949	-4.6%	136,549	148,536	-8.1%
2nd Qtr YTD	83,649	92,135	-9.2%	48,053	50,217	-4.3%	1,845	1,925	-4.1%	133,548	144,277	-7.4%
3rd Qtr YTD	82,040	88,902	-7.7%	46,576	48,328	-3.6%	1,862	1,928	-3.4%	130,478	139,158	-6.2%
Full year	80,731	87,213	-7.4%	46,180	48,752	-5.3%	1,857	1,914	-2.9%	128,768	137,879	-6.6%
July	79,649	88,084	-9.6%	49,251	51,382	-4.1%	1,801	1,940	-7.2%	130,701	141,406	-7.6%
August	84,200	94,249	-10.7%	48,962	51,481	-4.9%	1,891	1,983	-4.6%	135,053	147,713	-8.6%
September	89,349	98,832	-9.6%	52,658	55,731	-5.5%	1,887	1,925	-2.0%	143,894	156,488	-8.0%
October	88,577	96,538	-8.2%	49,166	50,371	-2.4%	1,927	2,001	-3.7%	139,670	148,910	-6.2%
November	84,267	90,193	-6.6%	46,237	47,165	-2.0%	1,798	1,881	-4.4%	132,302	139,239	-5.0%
December	75,854	84,914	-10.7%	42,044	45,172	-6.9%	1,768	1,818	-2.8%	119,666	131,904	-9.3%
January	76,062	81,748	-7.0%	41,744	44,336	-5.8%	1,817	1,883	-3.5%	119,623	127,967	-6.5%
February	83,550	83,666	-0.1%	45,478	44,756	1.6%	1,961	1,986	-1.3%	130,989	130,408	0.4%
March	76,853	81,896	-6.2%	43,646	44,556	-2.0%	1,906	1,931	-1.3%	122,405	128,383	-4.7%
April	77,265	84,675	-8.8%	46,904	51,127	-8.3%	1,889	1,917	-1.5%	126,058	137,719	-8.5%
Мау	76,473	80,883	-5.5%	44,403	50,473	-12.0%	1,790	1,802	-0.7%	122,666	133,158	-7.9%
June	76,673	80,882	-5.2%	43,668	48,476	-9.9%	1,851	1,896	-2.4%	122,192	131,254	-6.9%

# Passenger Boardings

		MetroBus			MetroLink		(	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	6,812,101	7,547,124	-9.7%	4,099,023	4,367,923	-6.1%	139,404	144,989	-3.9%	11,050,528	12,060,036	-8.4%
2nd Qtr YTD	13,287,039	14,639,057	-9.2%	7,750,022	8,183,650	-5.3%	275,998	287,643	-4.0%	21,313,059	23,110,350	-7.8%
3rd Qtr YTD	19,405,550	21,115,622	-8.1%	11,230,894	11,743,327	-4.4%	414,707	430,011	-3.6%	31,051,151	33,288,960	-6.7%
Full year	25,549,794	27,701,279	-7.8%	14,898,291	15,777,584	-5.6%	550,694	568,097	-3.1%	40,998,779	44,046,960	-6.9%
July	2,122,798	2,435,625	-12.8%	1,343,741	1,482,226	-9.3%	43,885	49,535	-11.4%	3,510,424	3,967,386	-11.5%
August	2,343,795	2,516,668	-6.9%	1,369,148	1,386,198	-1.2%	48,670	47,939	1.5%	3,761,613	3,950,805	-4.8%
September	2,345,508	2,594,831	-9.6%	1,386,134	1,499,499	-7.6%	46,849	47,515	-1.4%	3,778,491	4,141,845	-8.8%
October	2,347,007	2,594,484	-9.5%	1,334,718	1,389,283	-3.9%	47,073	50,066	-6.0%	3,728,798	4,033,833	-7.6%
November	2,151,000	2,245,054	-4.2%	1,199,490	1,205,121	-0.5%	45,046	45,271	-0.5%	3,395,536	3,495,446	-2.9%
December	1,976,931	2,252,395	-12.2%	1,116,791	1,221,323	-8.6%	44,475	47,317	-6.0%	3,138,197	3,521,035	-10.9%
January	1,985,665	2,094,931	-5.2%	1,128,392	1,153,882	-2.2%	44,899	45,881	-2.1%	3,158,956	3,294,694	-4.1%
February	2,038,398	2,145,122	-5.0%	1,142,608	1,181,298	-3.3%	44,735	46,927	-4.7%	3,225,741	3,373,347	-4.4%
March	2,094,448	2,236,512	-6.4%	1,209,872	1,224,497	-1.2%	49,075	49,560	-1.0%	3,353,395	3,510,569	-4.5%
April	1,984,779	2,226,706	-10.9%	1,233,862	1,352,859	-8.8%	43,954	46,096	-4.6%	3,262,595	3,625,661	-10.0%
Мау	2,089,723	2,195,478	-4.8%	1,230,047	1,363,270	-9.8%	46,208	45,229	2.2%	3,365,978	3,603,977	-6.6%
June	2,069,742	2,163,473	-4.3%	1,203,488	1,318,128	-8.7%	45,825	46,761	-2.0%	3,319,055	3,528,362	-5.9%

# **Passengers by Jurisdiction**

			Metro	Bus						Metro	Link		
	Γ	Aissouri		:	St. Clair			Ν	lissouri		:	St. Clair	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	F	Y 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	6,017,293	6,712,288	-10.4%	794,808	834,836	-4.8%		3,361,097	3,555,037	-5.5%	737,926	812,886	-9.2%
2nd Qtr YTD	11,810,399	13,092,685	-9.8%	1,476,640	1,546,372	-4.5%		6,343,241	6,674,869	-5.0%	1,406,781	1,508,781	-6.8%
3rd Qtr YTD	17,293,756	18,923,479	-8.6%	2,111,794	2,192,143	-3.7%		9,186,344	9,578,464	-4.1%	2,044,550	2,164,863	-5.6%
Full year	22,718,228	24,768,747	-8.3%	2,831,566	2,932,532	-3.4%	1	12,172,302	12,878,546	-5.5%	2,725,989	2,899,038	-6.0%
July	1,867,735	2,162,731	-13.6%	255,063	272,894	-6.5%		1,106,073	1,208,720	-8.5%	237,668	273,506	-13.1%
August	2,073,836	2,244,861	-7.6%	269,959	271,807	-0.7%		1,119,567	1,127,630	-0.7%	249,581	258,568	-3.5%
September	2,075,722	2,304,696	-9.9%	269,786	290,135	-7.0%		1,135,457	1,218,687	-6.8%	250,677	280,812	-10.7%
October	2,098,308	2,335,913	-10.2%	248,699	258,571	-3.8%		1,093,750	1,135,921	-3.7%	240,968	253,362	-4.9%
November	1,924,552	2,023,166	-4.9%	226,448	221,888	2.1%		977,451	986,553	-0.9%	222,039	218,568	1.6%
December	1,770,246	2,021,318	-12.4%	206,685	231,077	-10.6%		910,943	997,358	-8.7%	205,848	223,965	-8.1%
January	1,780,328	1,886,900	-5.6%	205,337	208,031	-1.3%		920,599	942,470	-2.3%	207,793	211,412	-1.7%
February	1,825,807	1,930,819	-5.4%	212,591	214,303	-0.8%		930,786	959,132	-3.0%	211,822	222,166	-4.7%
March	1,877,222	2,013,075	-6.7%	217,226	223,437	-2.8%		991,718	1,001,993	-1.0%	218,154	222,504	-2.0%
April	1,753,161	1,977,577	-11.3%	231,618	249,129	-7.0%		1,006,330	1,104,355	-8.9%	227,532	248,504	-8.4%
Мау	1,844,879	1,941,932	-5.0%	244,844	253,546	-3.4%		1,002,562	1,110,695	-9.7%	227,485	252,575	-9.9%
June	1,826,432	1,925,759	-5.2%	243,310	237,714	2.4%		977,066	1,085,032	-10.0%	226,422	233,096	-2.9%

# Passenger Revenue

	I	MetroBus		N	letroLink		C	all-A-Ride *			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	\$7,012,569	\$8,143,742	-13.9%	\$4,142,651	\$4,655,536	-11.0%	\$641,163	\$632,072	1.4%	\$11,796,383	\$13,431,350	-12.2%
2nd Qtr YTD	\$13,525,622	\$15,604,859	-13.3%	\$7,823,961	\$8,622,614	-9.3%	\$1,312,111	\$1,284,900	2.1%	\$22,661,694	\$25,512,372	-11.2%
3rd Qtr YTD	\$20,030,089	\$22,433,442	-10.7%	\$11,539,933	\$12,382,538	-6.8%	\$1,959,192	\$1,923,840	1.8%	\$33,529,214	\$36,739,820	-8.7%
Full year	\$26,600,978	\$29,564,500	-10.0%	\$15,388,144	\$16,682,695	-7.8%	\$2,620,037	\$2,610,086	0.4%	\$44,609,159	\$48,857,281	-8.7%

1st Qtr	\$7,012,569	\$8,143,742	-13.9%	\$4,142,651	\$4,655,536	-11.0%	\$641,1	63 \$632,072	1.4%	\$11,796,383	\$13,431,350	-12.2%
2nd Qtr	\$6,513,053	\$7,461,117	-12.7%	\$3,681,310	\$3,967,078	-7.2%	\$670,9	48 \$652,827	2.8%	\$10,865,311	\$12,081,022	-10.1%
3rd Qtr	\$6,504,467	\$6,828,583	-4.7%	\$3,715,972	\$3,759,925	-1.2%	\$647,0	81 \$638,941	1.3%	\$10,867,520	\$11,227,448	-3.2%
4th Qtr	\$6,570,889	\$7,131,058	-7.9%	\$3,848,211	\$4,300,157	-10.5%	\$660,8	45 \$686,245	-3.7%	\$11,079,945	\$12,117,460	-8.6%

\* Call-A-Ride passenger revenue does not include Medicaid and Department of Mental Health contractual subsidies.

### **Revenue Miles**

	Γ	/letroBus*		I	MetroLink*		Ī	C	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change		FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	4,709,831	4,680,474	0.6%	778,004	788,550	-1.3%		1,348,707	1,334,285	1.1%	6,836,542	6,803,309	0.5%
2nd Qtr YTD	9,332,502	9,259,390	0.8%	1,555,099	1,567,159	-0.8%		2,677,406	2,669,369	0.3%	13,565,006	13,495,918	0.5%
3rd Qtr YTD	13,884,401	13,810,040	0.5%	2,325,578	2,343,414	-0.8%		3,955,721	3,997,691	-1.0%	20,165,699	20,151,145	0.1%
Full year	18,552,317	18,470,425	0.4%	3,107,518	3,125,069	-0.6%		5,250,386	5,344,645	-1.8%	26,910,221	26,940,139	-0.1%
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July	1,562,306	1,595,537	-2.1%	261,369	267,305	-2.2%		435,057	449,461	-3.2%	2,258,731	2,312,303	-2.3%
August	1,616,850	1,563,357	3.4%	268,319	263,542	1.8%	Ī	463,203	442,206	4.7%	2,348,372	2,269,105	3.5%
September	1,530,675	1,521,581	0.6%	248,316	257,703	-3.6%		450,447	442,618	1.8%	2,229,439	2,221,902	0.3%
October	1,560,648	1,563,396	-0.2%	259,057	260,628	-0.6%		461,251	467,532	-1.3%	2,280,956	2,291,557	-0.5%
November	1,514,068	1,467,430	3.2%	256,753	251,888	1.9%		434,897	423,870	2.6%	2,205,718	2,143,188	2.9%
December	1,547,955	1,548,090	0.0%	261,284	266,093	-1.8%		432,551	443,682	-2.5%	2,241,790	2,257,864	-0.7%
January	1,539,785	1,506,339	2.2%	260,823	257,208	1.4%		419,739	425,401	-1.3%	2,220,347	2,188,948	1.4%
February	1,421,802	1,461,584	-2.7%	241,266	250,504	-3.7%		417,737	432,002	-3.3%	2,080,804	2,144,090	-3.0%
March	1,590,312	1,582,727	0.5%	268,391	268,542	-0.1%		440,839	470,919	-6.4%	2,299,542	2,322,188	-1.0%
April	1,517,838	1,536,178	-1.2%	255,680	257,806	-0.8%		416,902	442,185	-5.7%	2,190,420	2,236,168	-2.0%
Мау	1,591,016	1,566,916	1.5%	266,910	264,878	0.8%		440,660	447,853	-1.6%	2,298,586	2,279,647	0.8%
June	1,559,063	1,557,292	0.1%	259,350	258,971	0.1%		437,103	456,916	-4.3%	2,255,516	2,273,180	-0.8%

## **Total Miles**

	I	MetroBus*		ſ	MetroLink*		C	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	5,403,860	5,347,458	1.1%	784,671	795,593	-1.4%	1,442,812	1,421,459	1.5%	7,631,344	7,564,510	0.9%
2nd Qtr YTD	10,685,398	10,554,764	1.2%	1,567,800	1,580,915	-0.8%	2,873,319	2,840,534	1.2%	15,126,516	14,976,214	1.0%
3rd Qtr YTD	15,887,422	15,719,011	1.1%	2,344,536	2,363,230	-0.8%	4,234,468	4,259,736	-0.6%	22,466,426	22,341,977	0.6%
Full year	21,251,563	21,053,207	0.9%	3,133,603	3,151,334	-0.6%	5,610,397	5,700,005	-1.6%	29,995,562	29,904,545	0.3%
July	1,791,851	1,824,368	-1.8%	263,656	269,868	-2.3%	464,387	477,810	-2.8%	2,519,893	2,572,046	-2.0%
August	1,855,117	1,783,018	4.0%	270,455	265,688	1.8%	494,922	471,436	5.0%	2,620,493	2,520,142	4.0%
September	1,756,893	1,740,072	1.0%	250,561	260,038	-3.6%	483,503	472,213	2.4%	2,490,957	2,472,323	0.8%
October	1,783,058	1,778,457	0.3%	261,132	262,972	-0.7%	492,840	497,084	-0.9%	2,537,030	2,538,513	-0.1%
November	1,729,724	1,667,475	3.7%	258,716	254,048	1.8%	469,724	449,616	4.5%	2,458,164	2,371,139	3.7%
December	1,768,755	1,761,375	0.4%	263,280	268,302	-1.9%	467,943	472,375	-0.9%	2,499,979	2,502,051	-0.1%
January	1,759,607	1,710,021	2.9%	262,891	259,197	1.4%	449,829	454,722	-1.1%	2,472,327	2,423,939	2.0%
February	1,625,884	1,662,479	-2.2%	243,355	252,498	-3.6%	442,862	460,777	-3.9%	2,312,102	2,375,754	-2.7%
March	1,816,533	1,791,748	1.4%	270,490	270,620	0.0%	468,458	503,703	-7.0%	2,555,481	2,566,071	-0.4%
April	1,742,101	1,749,009	-0.4%	258,176	259,986	-0.7%	441,662	473,125	-6.7%	2,441,939	2,482,120	-1.6%
Мау	1,828,998	1,800,429	1.6%	269,347	267,105	0.8%	469,763	478,690	-1.9%	2,568,107	2,546,224	0.9%
June	1,793,042	1,784,758	0.5%	261,544	261,012	0.2%	464,504	488,454	-4.9%	2,519,090	2,534,224	-0.6%

## **Revenue Hours**

	I	MetroBus*		I	MetroLink*		(	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	358,590	351,540	2.0%	33,160	33,541	-1.1%	76,182	76,485	-0.4%	467,933	461,566	1.4%
2nd Qtr YTD	703,973	690,237	2.0%	66,348	66,489	-0.2%	149,468	152,879	-2.2%	919,788	909,604	1.1%
3rd Qtr YTD	1,036,160	1,027,940	0.8%	99,174	99,584	-0.4%	221,722	227,991	-2.7%	1,357,056	1,355,515	0.1%
Full year	1,390,537	1,382,348	0.6%	132,444	132,794	-0.3%	293,281	303,336	-3.3%	1,816,262	1,818,479	-0.1%
July	119,693	120,016	-0.3%	11,119	11,356	-2.1%	24,532	26,062	-5.9%	155,344	157,434	-1.3%
August	122,787	116,969	5.0%	11,388	11,230	1.4%	26,737	25,302	5.7%	160,912	153,501	4.8%
September	116,110	114,555	1.4%	10,653	10,954	-2.7%	24,913	25,121	-0.8%	151,677	150,630	0.7%
October	116,988	115,672	1.1%	11,087	11,044	0.4%	25,092	26,257	-4.4%	153,167	152,972	0.1%
November	113,093	108,440	4.3%	10,930	10,617	2.9%	23,785	24,037	-1.0%	147,808	143,094	3.3%
December	115,301	114,584	0.6%	11,171	11,288	-1.0%	24,409	26,100	-6.5%	150,881	151,972	-0.7%
January	114,656	111,380	2.9%	11,157	11,053	0.9%	23,857	24,257	-1.6%	149,670	146,689	2.0%
February	105,981	108,224	-2.1%	10,263	10,641	-3.6%	23,136	24,154	-4.2%	139,380	143,019	-2.5%
March	111,550	118,100	-5.5%	11,407	11,401	0.1%	25,261	26,701	-5.4%	148,218	156,201	-5.1%
April	115,412	116,786	-1.2%	10,892	10,958	-0.6%	23,026	24,953	-7.7%	149,330	152,697	-2.2%
Мау	120,663	119,698	0.8%	11,354	11,269	0.8%	24,313	25,094	-3.1%	156,330	156,062	0.2%
June	118,301	117,924	0.3%	11,024	10,983	0.4%	24,220	25,298	-4.3%	153,546	154,206	-0.4%

# **Total Hours**

	Ν	/letroBus*		M	letroLink*		C	all-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	385,511	377,198	2.2%	33,678	34,073	-1.2%	83,023	82,416	0.7%	502,212	493,687	1.7%
2nd Qtr YTD	757,543	741,257	2.2%	67,359	67,539	-0.3%	163,196	164,834	-1.0%	988,098	973,629	1.5%
3rd Qtr YTD	1,123,010	1,103,728	1.7%	100,683	101,131	-0.4%	241,068	246,157	-2.1%	1,464,761	1,451,016	0.9%
Full year	1,504,313	1,484,149	1.4%	134,485	134,852	-0.3%	318,045	328,609	-3.2%	1,956,843	1,947,610	0.5%
July	128,511	128,751	-0.2%	11,293	11,541	-2.2%	26,947	28,057	-4.0%	166,751	168,349	-0.9%
August	132,043	125,480	5.2%	11,561	11,403	1.4%	29,001	27,273	6.3%	172,605	164,156	5.1%
September	124,957	122,967	1.6%	10,824	11,128	-2.7%	27,075	27,086	0.0%	162,856	161,181	1.0%
October	125,946	124,311	1.3%	11,255	11,221	0.3%	27,172	28,270	-3.9%	164,373	163,802	0.3%
November	121,835	116,548	4.5%	11,092	10,784	2.9%	26,139	25,907	0.9%	159,065	153,239	3.8%
December	124,252	123,199	0.9%	11,334	11,461	-1.1%	26,862	28,241	-4.9%	162,448	162,901	-0.3%
January	123,580	119,676	3.3%	11,322	11,217	0.9%	25,984	26,301	-1.2%	160,886	157,193	2.3%
February	114,244	116,372	-1.8%	10,423	10,803	-3.5%	24,801	26,112	-5.0%	149,468	153,288	-2.5%
March	127,644	126,424	1.0%	11,578	11,572	0.1%	27,087	28,910	-6.3%	166,309	166,906	-0.4%
April	124,177	124,966	-0.6%	11,069	11,128	-0.5%	24,698	27,240	-9.3%	159,944	163,334	-2.1%
Мау	129,880	128,659	0.9%	11,537	11,443	0.8%	26,231	27,449	-4.4%	167,647	167,551	0.1%
June	127,247	126,796	0.4%	11,196	11,150	0.4%	26,048	27,763	-6.2%	164,490	165,709	-0.7%

# **Operating Expense by Mode**

		MetroBus			MetroLink		(	Call-A-Ride			System	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	\$38,614,628	\$40,710,236	-5.1%	\$18,428,785	\$19,851,015	-7.2%	\$6,421,064	\$6,134,183	4.7%	\$63,464,477	\$66,695,435	-4.8%
2nd Qtr YTD	\$77,106,324	\$79,499,292	-3.0%	\$36,647,226	\$39,898,530	-8.1%	\$12,892,164	\$12,764,435	1.0%	\$126,645,714	\$132,162,257	-4.2%
3rd Qtr YTD	\$117,020,729	\$118,873,958	-1.6%	\$57,867,755	\$58,477,891	-1.0%	\$19,346,033	\$19,073,278	1.4%	\$194,234,517	\$196,425,127	-1.1%
Full year	\$160,501,273	\$157,903,434	1.6%	\$80,442,349	\$80,439,755	0.0%	\$26,758,987	\$25,989,359	3.0%	\$267,702,609	\$264,332,548	1.3%

1st Qtr	\$38,614,628	\$40,710,236	-5.1%	\$18,428,785	\$19,851,015	-7.2%	\$6,421,064	\$6,134,183	4.7%	\$63,464,477	\$66,695,434	-4.8%
2nd Qtr	\$38,491,696	\$38,789,056	-0.8%	\$18,218,441	\$20,047,515	-9.1%	\$6,471,100	\$6,630,252	-2.4%	\$63,181,237	\$65,466,823	-3.5%
3rd Qtr	\$39,914,405	\$39,374,666	1.4%	\$21,220,529	\$18,579,361	14.2%	\$6,453,869	\$6,308,843	2.3%	\$67,588,803	\$64,262,870	5.2%
4th Qtr	\$43,480,544	\$39,029,476	11.4%	\$22,574,594	\$21,961,864	2.8%	\$7,412,954	\$6,916,081	7.2%	\$73,468,092	\$67,907,421	8.2%

FY 2016 contains audited amounts

### **Unscheduled Absenteeism**

		Operators		N	laintenance	9	Fac	cility Suppo	ort		Total	
Period	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change	FY 2017	FY 2016	Change
1st Qtr YTD	4.3%	4.1%	0.2%	2.5%	2.0%	0.5%	1.6%	1.5%	0.1%	3.8%	3.5%	0.3%
2nd Qtr YTD	3.9%	4.0%	-0.2%	2.8%	1.8%	1.0%	2.1%	1.8%	0.3%	3.5%	3.4%	0.1%
3rd Qtr YTD	3.6%	4.2%	-0.6%	2.7%	1.7%	1.0%	1.8%	2.0%	-0.2%	3.3%	3.6%	-0.3%
Full year	3.8%	4.2%	-0.4%	2.6%	1.7%	0.9%	1.9%	2.0%	-0.1%	3.4%	3.6%	-0.2%
July	4.5%	3.9%	0.7%	3.0%	2.7%	0.3%	1.2%	1.1%	0.1%	3.9%	3.4%	0.5%
August	4.5%	4.1%	0.3%	2.4%	2.2%	0.2%	1.3%	1.8%	-0.6%	3.8%	3.6%	0.2%
September	4.1%	4.3%	-0.3%	2.3%	1.1%	1.2%	2.4%	1.6%	0.8%	3.6%	3.5%	0.1%
October	3.6%	4.5%	-0.9%	3.7%	2.0%	1.7%	3.2%	2.7%	0.4%	3.6%	3.9%	-0.3%
November	3.4%	4.0%	-0.6%	2.0%	1.5%	0.5%	1.9%	1.9%	0.0%	3.0%	3.3%	-0.4%
December	3.1%	3.4%	-0.3%	3.4%	1.3%	2.1%	2.7%	1.5%	1.2%	3.1%	2.8%	0.3%
January	2.8%	4.5%	-1.6%	2.4%	1.0%	1.4%	1.4%	2.0%	-0.6%	2.6%	3.6%	-1.0%
February	2.7%	4.6%	-1.9%	2.3%	1.8%	0.5%	0.7%	3.0%	-2.3%	2.4%	4.0%	-1.6%
March	3.6%	4.8%	-1.2%	2.6%	1.3%	1.3%	1.3%	2.0%	-0.7%	3.2%	3.9%	-0.7%
April	4.5%	4.8%	-0.3%	2.4%	1.5%	0.9%	0.9%	1.2%	-0.3%	3.8%	3.9%	-0.2%
Мау	4.8%	3.9%	0.9%	2.6%	1.3%	1.2%	2.6%	2.4%	0.2%	4.2%	3.3%	0.9%
June	4.4%	4.3%	0.2%	2.3%	2.5%	-0.3%	2.9%	2.5%	0.4%	3.9%	3.8%	0.1%

# **Gateway Arch**

	Income Before Depreciation and Transfers			
Quarter	FY 2017	FY 2016	Change	
1st Qtr YTD	\$1,039,951	\$555,478	87.2%	
2nd Qtr YTD	\$531,913	\$2,063,675	-74.2%	
3rd Qtr YTD	(\$539,823)	\$1,529,447	-135.3%	
Full Year	(\$562,677)	\$2,399,823	-123.4%	

	Tram Ridership			
Quarter	FY 2017	FY 2016	Change	
1st Qtr YTD	282,884	313,500	-9.8%	
2nd Qtr YTD	382,131	441,738	-13.5%	
3rd Qtr YTD	384,735	462,780	-16.9%	
Full Year	543,013	696,905	-22.1%	

	Tram Ridership				
Month	FY 2017	FY 2016	Change		
July	136,582	151,269	-9.7%		
August	90,205	101,490	-11.1%		
September	56,097	60,741	-7.6%		
October	57,977	55,554	4.4%		
November	41,189	41,001	0.5%		
December	81	31,683	-99.7%		
January	907	4,513	-79.9%		
February	1,339	-	NA		
March	358	16,529	-97.8%		
April	18,874	48,136	-60.8%		
Мау	54,657	73,161	-25.3%		
June	84,747	112,828	-24.9%		

# **Riverfront Attractions**

	Riverboat Passengers				
Month	FY 2017	FY 2016	Change		
July	26,062	1,665	1465.3%		
August	16,070	17,180	-6.5%		
September	11,160	10,463	6.7%		
October	8,676	8,641	0.4%		
November	2,671	2,233	19.6%		
December	176	107	64.5%		
January	-	-	-		
February	-	-	-		
March	4,166	5,210	-20.0%		
April	8,795	10,229	-14.0%		
Мау	6,856	12,829	-46.6%		
June	21,143	19,031	11.1%		

Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	53,292	29,308	81.8%
2nd Qtr YTD	64,815	40,289	60.9%
3rd Qtr YTD	68,981	45,499	51.6%
Full Year	105,775	87,588	20.8%

	Income (Loss) Before Depreciation				
Quarter	FY 2017	FY 2016	Change		
1st Qtr YTD	\$499,884	\$9,839	4980.6%		
2nd Qtr YTD	\$342,888	(\$77,715)	541.2%		
3rd Qtr YTD	\$108,251	(\$223,574)	148.4%		
Full Year	\$343,840	\$112,980	204.3%		

	Riverboat Cruises				
Quarter	FY 2017	FY 2016	Change		
1st Qtr YTD	442	247	78.9%		
2nd Qtr YTD	542	354	53.1%		
3rd Qtr YTD	593	401	47.9%		
Full Year	909	790	15.1%		

	Riverboat Days of Operation				
Quarter	FY 2017	FY 2016	Change		
1st Qtr YTD	92	63	46.0%		
2nd Qtr YTD	151	124	21.8%		
3rd Qtr YTD	179	149	20.1%		
Full Year	249	239	4.2%		

St.	Louis	<b>Downtown</b>	Airport
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	Fuel Sales in Gallons		
Month	FY 2017	FY 2016	Change
July	127,857	169,207	-24.4%
August	144,799	167,025	-13.3%
September	129,059	171,343	-24.7%
October	157,004	150,389	4.4%
November	128,585	123,096	4.5%
December	149,794	154,169	-2.8%
January	111,414	147,092	-24.3%
February	128,823	133,737	-3.7%
March	160,634	156,372	2.7%
April	160,647	157,260	2.2%
Мау	152,970	168,594	-9.3%
June	128,947	151,361	-14.8%

Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	401,715	507,575	-20.9%
2nd Qtr YTD	837,098	935,229	-10.5%
3rd Qtr YTD	1,237,969	1,372,430	-9.8%
Full Year	1,680,533	1,849,645	-9.1%

	Income (Loss) Before Depreciation				
Quarter	FY 2017 FY 2016 Change				
1st Qtr YTD	(\$38,424)	\$55,765	-168.9%		
2nd Qtr YTD	(\$41,634)	\$44,289	-194.0%		
3rd Qtr YTD	(\$69,691)	(\$46,887)	-48.6%		
Full year	(\$240,003)	(\$188,991)	-27.0%		

	Aircraft Movements		
Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	30,468	23,433	30.0%
2nd Qtr YTD	57,578	49,722	15.8%
3rd Qtr YTD	80,914	73,234	10.5%
Full Year	106,588	101,227	5.3%

	Average Based Aircraft		
Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	322	329	-2.0%
2nd Qtr YTD	320	329	-2.7%
3rd Qtr YTD	319	328	-2.6%
Full Year	319	326	-2.2%

# **St. Louis Regional Freightway**

Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	(\$60,025)	\$37,779	-258.9%
2nd Qtr YTD	(\$177,325)	(\$7,785)	-2177.8%
3rd Qtr YTD	(\$302,804)	(\$27,320)	-1008.4%
Full Year	(\$497,543)	(\$223,461)	-122.7%

### Income (Loss) Before Depreciation

Quarter	FY 2017	FY 2016	Change
1st Qtr	(\$60,025)	\$37,779	-258.9%
2nd Qtr	(\$117,300)	(\$45,564)	-157.4%
3rd Qtr	(\$125,479)	(\$19,534)	-542.4%
4th Qtr	(\$194,739)	(\$196,140)	0.7%

## **Executive Services**

Quarter	FY 2017	FY 2016	Change
1st Qtr YTD	\$302,574	\$325,942	-7.2%
2nd Qtr YTD	\$375,460	\$303,998	23.5%
3rd Qtr YTD	\$220,515	\$150,631	46.4%
Full Year	\$248,464	\$320,572	-22.5%

### Income (Loss) Before Depreciation

Quarter	FY 2017	FY 2016	Change
1st Qtr	\$302,574	\$325,942	-7.2%
2nd Qtr	\$72,886	(\$21,944)	432.1%
3rd Qtr	(\$154,945)	(\$153,367)	-1.0%
4th Qtr	\$27,949	\$169,941	-83.6%

### Definitions

### Transit

### **Customer complaint**

Passenger or general public dissatisfaction expressed to Customer Service by phone call, letter or email for which there is no immediate, satisfactory explanation; includes operator behavior, service, equipment maintenance or suitability, or other concerns. System customer complaints have been restated to include complaints not specifically related to an operating facility.

### Expense

Excludes depreciation, amortization, debt expense and the 2% sheltered workshop pass-through. Allocations by mode are based on a management-developed model. (See also "Operating Expense.")

### Failure

Metro Call A Ride: Revenue service interruption whereby a vehicle is unable to complete the assigned run and must be removed from service because of a mechanical, wheelchair lift, or other equipment failure. Road hazard tire failures, vandalism, accidents, and other failures not related to maintenance of vehicles are not reported.

MetroLink: Revenue service interruption whereby a train is delayed by five minutes or more or removed from service for mechanical reasons.

### **Farebox recovery**

Passenger revenue as a percent of operating expense.

### Fleet size

Number of revenue vehicles at the end of the reporting period.

### **On-time performance**

<u>MetroBus and MetroLink</u>: A trip is considered "on-time" if the vehicle departs within the time frame of 59 seconds before schedule or arrives within 4:59 minutes after schedule.

<u>Metro Call-A-Ride</u>: Appointments are made giving the passenger an estimated arrival time. A trip is considered on-time if arrival for the appointment is within 20 minutes before or after the appointment time.

### **Operating expense**

Expense less leases and rentals, which is a National Transit Database definition. Allocations by mode are based on National Transit Database instructions which are different than the management-developed cost allocation model. (See also "Expense.")

### **Passenger boardings**

Includes original revenue vehicle boardings and all transfers based on bus farebox counts, MetroLink ridership modeling using Automatic Passenger Counter (APC) technology, and actual Call-A-Ride passengers.

### Transit

#### Passenger injury

Physical harm or alleged physical harm to a passenger or bystander involved in an Agency accident. One vehicle accident may result in multiple injuries.

### **Revenue hours**

Time that MetroBus/Call-A-Ride vehicles or MetroLink trains operate in passenger service including special service.

#### **Revenue miles**

Distance that MetroBus/Call-A-Ride vehicles or MetroLink trains operate in passenger service including special service.

### **Revenue recovery**

Passenger revenue, Transit Management Association revenue, and paratransit contractual revenue as a percent of expense.

### Ridership

Total passenger boardings.

### Roadcall

MetroBus revenue service interruption whereby the vehicle is delayed because of mechanical, tire, farebox, wheelchair life or other equipment failure. A delay is not counted as a roadcall unless the delay is five minutes or more.

### Subsidy

Subsidy as reported on "System Profile" - Expense less operating revenue except federal, state and local assistance. Subsidy as reported on "Peer Performance - System" - Operating expense less passenger revenue.

### **Total hours**

Revenue hours plus deadhead hours (e.g., from the facility to the start of a revenue trip).

### **Total miles**

Revenue miles plus deadhead miles (e.g., from the facility to the start of a revenue trip).

#### Unscheduled absenteeism

Operator, mechanic and facility support sick time and unauthorized leave as a percent of current staffing, excluding overtime.

### Vehicle accident

Incident in which an Agency vehicle makes physical contact with another vehicle, a fixed object or a person. It also includes derailments or leaving the road.

### Vehicle miles

For MetroBus and Call-A-Ride, total miles and vehicle miles are the same. For MetroLink, total mileage for each car of a two-car train is included

# **Non-Transit**

# Aircraft movement

Takeoff or landing recorded by the tower. Movements when the tower is closed are not included.

# Airport fuel sales (gallons)

Number of gallons of aviation fuel delivered to the fixed base operators.

# Arch tram ridership

Number of adult and child tickets sold.

# **Based aircraft**

Average number of aircraft stored in owned or leased hangers or outside ramps. Quarterly, the amount represents the average of the monthend counts.

# **Riverfront Attractions**

Includes the Gateway Arch Riverboats and bike rentals, operated by Metro, and a heliport owned by Metro but operated under contract by another party.

# BI-STATE DEVELOPMENT TREASURER'S REPORT June 30, 2017

# **INVESTMENTS**

# Yields:

Bi-State investments had an average yield of .83% for the month of June, up from .75% in May. The Federal Reserve Raised the Federal Funds Rate to 1.25% in June, despite continued weak inflation. Inflation data will determine whether there is another rate hike in 2017.

#### Invested Funds:

In June, Bi-State directed \$189 million of cash and investments. Approximately 35% of the invested funds were invested in U.S. Treasury or U.S. Government Agency securities, and 5% were invested in collateralized Certificates of Deposit (CDs) or Repurchase Agreements (Repos). The balance was invested in AAA rated money market funds. The average maturity of Bi-State investments was approximately 130 days.

# **DEBT MANAGEMENT**

#### Debt Restructuring, 2013:

On July 1, 2013, Bi-State successfully sold its \$381,225,000 Series 2013A Bonds. More than \$1.5 billion in orders were placed for the bonds. The deal closed on August 1, 2013. An effective cost of funds of 4.44% was achieved. The effects of the \$75 million County loan bring the true interest cost to 3.68%. The bond restructuring, of essentially all of the Cross County Bonds, with the exception of the \$97 million Series 2009 Bonds, achieved important long-term financial objectives for Bi-State:

- Improved debt ratings. The bonds were assigned ratings of 'AA+' and 'Aa3' by S&P and Moody's, respectively. The higher ratings will benefit Bi-State in future financings.
- Eliminated exposure of Bi-State to variable and short-term debt obligations.
- Brought 2010 subordinate bonds to senior lien status, and began their amortization.
- Optimized the debt service funding requirements to preserve long-term funding flexibility for operations and capital.
- Incorporated the availability of the County Loan by using the Prop A Capital Reserve to reduce borrowing costs.
- Returned \$18 million of Federal funding from the 2002 Debt Service Reserve Fund to Bi-State's capital program.

In 2014, St Louis County approved the appropriation of the 2nd loan advance in the amount of \$30 million to Bi-State. The Series 2052 bonds were redeemed on October 1, 2014. This lowered the interest rate on \$30 million in debt from 4.75% to 1.04%.

In August 2015, St Louis County approved the appropriation of the 3<sup>rd</sup> loan advance and the Series 2050 bonds were redeemed on October 1, 2015. The interest rate on this \$30 million in debt decreased from 4.75% to 1.02%. The debt service reserve fund requirement on the 2013A bonds also decreased. The new debt service reserve requirement is now approximately \$23.6 million.

# Arch Tram Revenue Bonds, 2014:

On December 3, 2014, Bi-State closed on the Series 2014 Taxable Arch Tram Revenue Bonds. These bonds have a par value of \$7,656,000 and a 30-year term. The initial fixed rate term is 10 years with a fixed interest rate of 4.016%. The funds from this bond issuance will pay for the cost of issuance, a portion of the interior roof over the Arch visitor's center, and the replacement of the motor generator sets. The debt service requirement is approximately \$454 thousand.

#### Bi-State Development/St. Clair County Transit District Revenue Bonds Refunding, 2014:

On December 4, 2014, Bi-State and St Clair County Transit District closed on the \$4,160,000 issuance of the Series 2014 Bi-State Development/St Clair County Metrolink Extension Project Refunding Revenue Bonds. The refunding provides a savings of approximately \$700,000 in debt service expenses. It also eliminated the need for the debt service reserve funding of approximately \$450 thousand.

#### Capital Leases:

Bi-State has one remaining capital lease, its 2001 LRV Lease (C1, C2 Tranches). In February 2011, staff negotiated a default cure agreement with the 2001 C1 C2 lease investor. The agreement provided that Bi-State deposit additional collateral with the lease trustee, of which the St. Clair County Transit District (SCCTD) provided 70%. In January, the aggregate market value of pledged collateral was determined to be approximately \$1 million more than required. Our current collateral requirement is approximately \$6.8 million.

#### FUEL HEDGING

In June, in conjunction with its diesel fuel hedging program, Bi-State had a *realized loss* of \$19 thousand on the sale of Home Heating Oil #2 futures contracts. The *unrealized loss* was approximately \$551 thousand. June oil prices ended the month at \$46.04 a barrel, a 5% decrease since the end of May. Generally, as the price of oil increases, the value of Bi-State's future positions also increases. A gain in the futures partially offsets the actual increase in the cost of diesel fuel. If oil prices drop, the value of the futures decline. An increase in unrealized gains generally indicates that the price of fuel is rising, and losses generally indicate oil prices are falling.

		AS OF:	30-Jun-2017				Г	31-May-2017		
	Wt. Avg.	Dollars	1		Market	Wł. Avg.	Dollars	Percentage		Marke
BI-STATE DIRECTED:	Maturity (1)	(,000 omitted)	Of Total	Rate	Value (2)	Maturity (1)	(,000 omitted)	Of Total	Rate	Value (2
Cash	0	\$7,254	5.1%	0.00%	\$7,254	0	\$6,971	4.8%	0.00%	\$6,971
Repurchase Agreements	3	4,326	3.1%	1.15%	4,326	1	3,990	2.7%	0.90%	3,990
Certificates of Deposit	17	4,150	2.9%	0.46%	4,150	47	4,150	2.8%	0.53%	4,150
U.S. Agencies (discounted)	58	6,476	4.6%	0.58%	6,490	88	6,475	4.4%	0.58%	6,484
U.S. Agencies (coupon)	452	10,501	7.4%	1.16%	10,474	482	10,501	7.2%	1.16%	10,482
U.S. Treasury Securities	183	10,333	7.3%	0.63%	10,343	213	10,332	7.1%	0.63%	10,352
Other Investments (3)	3	97,993	69.5%	0.73%	97,442	1	103,221	70.9%	0.62%	103,221
SUB-TOTAL BI-STATE	52	\$141,033	100.0%	0.75%	\$140,479	56	\$145,640	100.0%	0.67%	\$145,650
BI-STATE DIRECTED-PROP M:										
Certificates of Deposit	532	\$1,530	3.2%	1.31%	\$1,530	19	\$1,510	3.1%	0.87%	\$1,510
U.S. Agencies (discounted)	82	4,980	10.3%	0.86%	4,982	94	4,980	10.3%	0.86%	4,980
U.S. Agencies (coupon)	525	30,307	62.9%	1.20%	30,230	555	30,307	63.0%	1.20%	30,245
U.S. Treasury Securities	20	3,986	8.3%	0.52%	3,998	50	3,986	8.3%	0.52%	3,995
Other Investments (3)	3	7,395	15.3%	0.75%	7,395	1	7,360	15.3%	0.63%	7,360
SUB-TOTAL PROP M	358	\$48,198	100.0%	1.04%	\$48,135	364	\$48,143	100.0%	1.01%	\$48,090
TOTAL BI-STATE DIRECTED	130	\$189,231		0.83%	\$188,614	132	\$193,783		0.75%	\$193,740
TRUSTEE DIRECTED:										
Cash	۰ T	\$0	0.0%	0.00%	\$0	0	\$0	0.0%	0.00%	\$0
Municipal Bonds	1443	8,165	17.4%	2.34%	8,053	1473	8,165	18.2%	2.34%	8,077
U.S. Agencies (coupon)	1598	12,764	27.1%	2.60%	13,007	1628	12,764	28.5%	2.60%	13,079
Commercial Paper	47	8.998	19.1%	0.06%	9,030	77	8,998	20.1%	0.06%	9,030
Bonds	72	994	2.1%	0.18%	997	102	994	2.2%	0.18%	997
Other Investments (3)	3	16,095	34.2%	0.77%	16,095	1	13,859	30.9%	0.29%	13,859
SUB-TOTAL TRUSTEE	687	\$47,016	100.0%	1.38%	\$47,182	735	\$44,780	100.0%	1.26%	\$45,042
TOTAL BI-STATE & TRUSTEE	241	\$236,247	the Cardina State	0.94%	\$235,796	246	\$238,563		0.85%	\$238,782
LRV LEASE\LEASEBACK 2001:	9									
Cash	0	3	0.0%	0.00%	3	0	3	0.0%	0.00%	3
US Treasury Securities	188	6,840	6.2%	0.63%	6,847	218	6,840	6.2%	0.63%	6,839
Other Investments (4)		104,030	93.8%	5.80%	104,030		103,478	93.8%	5.80%	103,478
SUB-TOTAL LRV 2001		\$110,873	100.0%	5.48%	\$110,880		\$110,321	100.0%	5.48%	\$110,320
SUB-TOTAL LEASES		\$110,873			\$110,880		\$110,321		1. 47.52	\$110,320
Grand Total (5)		\$347,120			\$346,676		\$348,884			\$349,102

#### Explanatory Notes:

(1) Approximate weighted average of days to effective maturity, from last business day of the month.

(2) Market value of goverment securities provided by safekeeping agent. Cost equals market for other investments.

(3) Includes money market funds and fuel hedging accounts.

(4) Investment Contracts (leases). Values of investment contracts adjusted to conform to lease payment schedules.

(5) All amounts preliminary and subject to audit and adjustment.



#### BI-STATE DEVELOPMENT MONTHLY TREASURER'S REPORT- ALL COMPANIES BANK / ISSUER SUMMARY as of: 6/30/2017

Section 1 Bank/issuer Summary		I	DANKIIIOO	UER SUMMART as	01.	0/30/2017			
BI-STATE DIRECTED *		CERTIFICATES	REPURCHASE		GOVERNMENT	COMMERCIAL		MARKET	
all non debt/lease assets, inc. Prop M:	CASH	OF DEPOSIT	AGREEMENTS	OTHER	SECURITIES	PAPER\ BA's	TOTAL	VALUE	NOTES
BANK OF AMERICA MERRILL LYNCH	3,534,850	0	0	0	0	0	3,534,850	3,534,850	FDIC\tri-party collateral(deposits).
BLACK ROCK	0	0	0	41,380,894	0	0	41,380,894	41,380,894	Money Market Fund (Govt. Securities).
COMMERCE BANK	0	5,029,985	0	0	0	0	5,029,985	5,029,985	FDIC\FRB collateral.
FIDELITY	0	0	0	45,746,259	0	0	45,746,259	45,746,259	Money Market Fund (First Tier\Prime)
INVESCO	0	0	0	14,297,332	0	0	14,297,332	14,297,332	Money Market Fund (First Tier\Prime)
FIRST CLOVERLEAF	0	650,000	0	0	0	0	650,000	650,000	FDIC\tri-party collateral(deposits).
JEFFERSON BANK & TRUST	22,842	0	0	0	0	0	22,842	22,842	FDIC; repo collaterl held at JBT.
JP MORGAN CHASE	19,549	0	0	0	0	0	19,549	19,549	FDIC (bank acct.)MMKT (First Tier\Prime)
OPTUM	15,429	0	0	0	0	0	15,429		FDIC/FRB collateral.
BENEFLEX	4,307	0	0	0	0	0	4,307		FDIC\FRB collateral.
HEALTHSCOPE	50,370	0	0	0	0	0	50,370		FDIC\FRB collateral.
PNC BANK	2,395,771	0	0	0	0	0	2,395,771		FDIC\FRB collateral.
RBC DAIN RAUSCHER	2,000,111	0	0	1,849,568	0	0	1,849,568		Commodities Margin Acct. (fuel hedging)
RJ O'BRIEN	0	0	0	1,562,314	0	0	1,562,314		Commodities Trading Acct. (fuel hedging)
REGIONS BANK	117,308	0	0	1,502,514	0	0	117,308		FDIC Insured.
UMB BANK		0	-	0	0	0			FDIC Institut. FDIC\FRB Collateral.
	1,340	-	4,326,000	-	Ŭ	-	4,327,340		
U.S. BANK	(287,410)	0	0	0	0	0	(287,410)	( , ,	FDIC\FRB Collateral.
	0	0	0	0	0	0	0		Illinois State Treasurer Investment Pool.
	0	0	0	0	25,481,185	0	25,481,185		Safekept at Bank of America (BOA).
FEDERAL HOME LOAN BANK	0	0	0	0	26,783,202	0	26,783,202		Safekept at Bank of America (BOA).
U.S. TREASURY	0	0	0	0	14,318,521	0	14,318,521		Safekept by BOA or designated agent.
OTHER	703,422	0	0	0	0	0	703,422	703,422	
sub-total Bi-State directed	6,577,778	5,679,985	4,326,000	104,836,367	66,582,908	0	188,003,038	187,936,951	
TRUSTEE DIRECTED									
DEBT ISSUES									
Cross County Bonds									
Series 2009, 2013									
BANK OF NEW YORK -MELLON TRUST	0	0	0	0	0	0	0	0	
BANK OF NEW YORK	0	0	0	0	0	0	0		FDIC Insured.
GOLDMAN FEDERATED GOVT OBLIG	0	0	0	16,095,022	0	0	16,095,022		Money Market Fund (First Tier\Prime).
MORGAN STANLEY	0	0	0	0	0	0	0		Safekept at Bank of New York Safekept at Bank of New York
GOVERNMENT AGENCIES	0	0	0	0	12,764,224	0	12,764,224		Safekept at Bank of New York
MUNICIPAL BONDS	0	0	0	0	8,165,315	0	8,165,315		Safekept at Bank of New York
BOND FUNDS	0	0	0	0	0,103,313	9,992,172	9,992,172		Safekept at Bank of New York
sub-total	0	0	0	16.095.022	20,929,539	9,992,172	47,016,733	47,182,312	
SUB-TOTAL TRUSTEE (BONDS)	0	0	0	16,095,022	20,929,539	9,992,172	47,016,733	47,182,312	
SUB-TOTAL BI-STATE AND TRUSTEE	6,577,778	5,679,985	4,326,000	120,931,389	87,512,447	9,992,172	235,019,771	235,119,263	
LRV Lease\Leaseback 2001 C1 C2						. , =		. ,	
FSA\AIG	0	0	0	104,029,904	0	0	104,029,904	104,029,904	Guaranteed Investment Contract (GIC).
US TREASURY	3,130	0	0	0	6,839,504	0	6,842,634	6,849,959	Safekept by Lease Trustee.
sub-total	3,130	0	0	104,029,904	6,839,504	0	110,872,538	110,879,863	
sub-total leases	3,130	0	0	104,029,904	6,839,504	0	110,872,538	110,879,863	
GRAND TOTAL	\$6,580,908	\$5,679,985	\$4,326,000	\$224,961,293	\$94,351,951	\$9,992,172	\$345,892,309	\$345,999,126	
* Please refer to Pages 5 and 10 for exp	lanatory notes and c	redit ratings.			4				<u>+ ABBREVIATIONS (above):</u> FDIC- Federal Deposit Insurance Corp.

FDIC- Federal Deposit Insurance Corp. FRB - Federal Reserve Bank

# **INVESTMENT CATEGORY DESCRIPTIONS**

**CASH:** Demand deposit accounts. Some accounts are consolidated by bank for presentation purposes. Negative balances generally reflect check float. Bi-State's bank accounts are protected either by Federal Deposit Insurance Corporation (FDIC), or collateralized with securities pledged to Bi-State and held either in a segregated customer account, tri-party account, or at the Federal Reserve.

**CERTIFICATES OF DEPOSIT:** Non-negotiable certificates of deposit, protected by FDIC insurance, AAA rated surety or Letter of Credit, or collateralized with securities placed in joint safekeeping with Bi-State at the Federal Reserve Bank.

**BANKER'S ACCEPTANCE (BAs):** Negotiable investment instruments created by banks to finance commercial trade transactions. Bi-State's investment policy permits purchase of BAs only from banks rated "B" or better by Fitch Ratings (formerly Thomson BankWatch-see ratings descriptions below).

**REPURCHASE AGREEMENTS (REPOs):** An investment created by the simultaneous sale and repurchase of a security (usually a government security) for different settlement dates. Bi-State's repos are collateralized with securities held in segregated customer accounts, or at the Federal Reserve.

**OTHER:** Interest checking, money market funds, guaranteed investment contracts (GICs) and investment agreements. Also includes fuel hedging related accounts. Bi-State's policy restricts use of money market funds to Triple A rated institutional funds which have over \$500 million in assets.

**GOVERNMENT SECURITIES:** Securities (bills, discount notes, strips, coupon notes and bonds), issued by the U.S. Treasury or U.S. Government Agencies. Some securities are subject to "call" (redemption before stated final maturity).

**COMMERCIAL PAPER:** Short-term unsecured promissory note that is the obligation of the issuing entity, generally a large corporation (see ratings descriptions below).

**NOTE:** Permitted Bi-State investments are specified in Board Policy 30.040. All investments are shown at cost, unless otherwise noted. Market values shown for government securities or commercial paper are considered "subject to market" and provided for informational use only. Cost or par approximates market for other investments, and some of these may be subject to penalty for early redemption.

# CREDIT QUALITY RATING DEFINITIONS (also see Page 9)

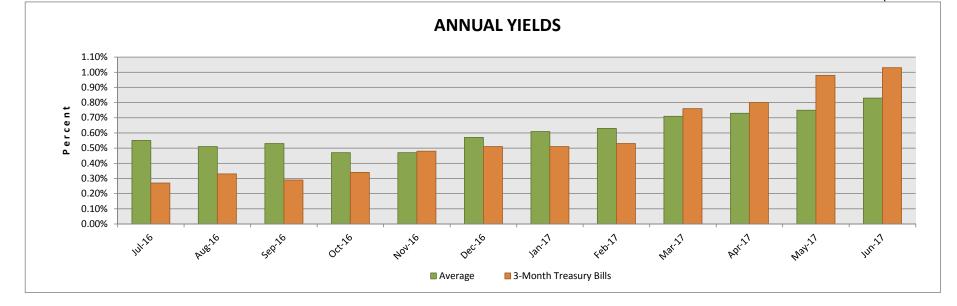
# Standard & Poor's, Moody's Investor Services, Fitch:

- AAA Standard & Poor's, Moody's and Fitch rate credit quality on an A to C scale, with A generally regarded as "upper investment grade" and C as "speculative" (D would indicate default). Within each category are different gradients. The triple A rating indicates that the issuer's long term unsecured debt rating or specific investment instrument (such as money market funds) are of the highest credit quality (lowest expectation of risk.) The AAA rating is assigned only when there is exceptionally strong capacity for timely payment of financial commitments.
- A1-P1 Commercial Paper issues rated "A-1 by Standard and Poor's and "P-1" by Moody's have the greatest capacity for timely payment (least risk). Bi-State's investment policy permits purchase of A2-P2 commercial paper from issuers with a business presence in the St. Louis region.

#### BI-STATE DEVELOPMENT ANNUAL INVESTMENT REPORT FOR MOST CURRENT 12 MONTHS

Funds (ooo's omitted)	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Bi-State Investments	134,032	144,144	132,418	157,139	159,874	155,220	162,958	146,426	151,805	157,884	145,640	141,033
Bi-State Prop M Investments	45,424	44,917	44,979	52,115	51,693	51,713	51,535	50,600	50,669	49,633	48,143	48,198
Total	179,456	189,061	177,397	209,254	211,567	206,933	214,493	197,026	202,474	207,517	193,783	189,231
Projected Total	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000	145,000
Trustee Investments	56,118	59,708	89,698	40,282	42,648	44,622	46,759	49,144	50,795	42,194	44,780	47,016

Yields\Rates Information	Jul-16	Aug-16	Sep-16	Oct-16	Nov-16	Dec-16	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17
Bi-State	0.48%	0.44%	0.46%	0.41%	0.41%	0.48%	0.51%	0.54%	0.62%	0.64%	0.67%	0.75%
Ргор М	0.74%	0.73%	0.73%	0.66%	0.67%	0.86%	0.90%	0.91%	0.98%	1.00%	1.01%	1.04%
Average	0.55%	0.51%	0.53%	0.47%	0.47%	0.57%	0.61%	0.63%	0.71%	0.73%	0.75%	0.83%
Trustee	1.05%	1.01%	0.77%	1.31%	1.29%	1.24%	1.21%	1.16%	1.14%	1.32%	1.26%	1.38%
3-Month Treasury Bills	0.27%	0.33%	0.29%	0.34%	0.48%	0.51%	0.51%	0.53%	0.76%	0.80%	0.98%	1.03%
1 Year Treasury	0.49%	0.59%	0.59%	0.66%	0.80%	0.85%	0.81%	0.88%	1.03%	1.07%	1.17%	1.24%
Fed Funds (target)	0.50%	0.50%	0.50%	0.50%	0.50%	0.75%	0.75%	0.75%	1.00%	1.00%	1.00%	1.25%
20-Year Municipals	2.85%	2.84%	3.06%	3.29%	3.80%	3.04%	3.83%	3.94%	3.86%	3.77%	3.61%	3.58%
SIFMA (BMA) Index (month end)	0.44%	0.63%	0.84%	0.63%	0.56%	0.72%	0.66%	0.62%	0.91%	0.90%	0.76%	0.91%



	Diesel Fuel	Hedg	jing Program - F	Y 20	)17		
	Diesel Fuel Budget \ Actual Comparison:		Jun-17		Year to Date		Life to Date
а	Gallons consumed-actual		509,963		5,475,015		79,661,364
b=(c/a)	Average cost per gallon-actual	\$	1.55	\$	1.61	\$	2.11
с	Total Diesel Fuel Cost-Actual	\$	791,055	\$	8,793,581	\$	168,011,187
d	Gallons consumed- budget		478,417		5,688,044		83,315,905
e=(f/d)	Average cost per gallon- budget	\$	1.95	\$	1.95	\$	2.35
f	Total Diesel Fuel Cost- Budget	\$	932,913	\$	11,091,686	\$	196,158,438
g=(f-c)	Budget Variance (Unfavorable)	\$	141,858	\$	2,298,105	\$	28,147,251
h	Realized Futures Gains (Losses)	\$	(19,135)	\$	(1,035,768)	\$	(2,719,015)
i=(c-h)	Net Cost of Fuel	\$	810,190	\$	9,829,349	\$	170,730,202
j=(i-f)	Net Budget Variance (Unfavorable)	\$	122,723	\$	1,262,337	\$	25,428,236
j=(i/f)	Net Cost of Fuel, Per Gallon, inc. Hedge	\$	1.59	\$	1.80	\$	2.14
k=(e-i)	Net Budget Variance Per Gallon	\$	0.36	\$	0.15	\$	0.21
	Futures Activity:				Price of Ba	arrel	of Oil:
	Futures Contracts Purchased		54		Date		Price
	Futures Contracts Sold		20		02/28/2017	\$	54.01
	Futures Contracts Net Change at month end		34		03/31/2017	\$	53.83
	Total Open Futures Contracts, at month end		247		04/30/2017	\$	49.33
	Futures Contracts Unrealized Gain/(Loss) *		(\$550,771)		05/31/2017	\$	48.32
	(% of Estimated Future Consumption)		79%		06/30/2017	\$	46.04

\* = At month end

# Explanatory Notes:

Consumption budgeted at approximately 120,000 gallons per week.

Current diesel contracts: diesel =Platts +10.17 cents per gal.; B2 diesel= Platts + 10.93 cents per gal.

A futures contract equals 42,000 gallons.

Numbers above rounded.

Amounts do not include transaction or consulting costs.

Futures Contracts are purchased from Aug 2017 through Dec 2019 (29 months).

# Background:

Linwood Capital is a consultant retained by Bi-State since April 2004 to assist with its energy price risk management program.

Bi-State manages the cost of fuel by utilizing purchase of exchange traded futures, specifically NYMEX Heating Oil#2 (HO#2) futures.

Generally, as oil prices increase, the value of the futures goes up, and acts to partially offset the actual increase in the price of fuel.

Bi-State Development Monthly Investment Report Report of Term Investment* Purchases: June 2017												
tem	Investment:	Par Amount	Settled	Maturity Date	Term(days)	Yield	Purchased From	Fund				
1	Collateralized CD	\$ 1,529,985	06/19/17	12/14/18	543	1.31%	Commerce Bank	Prop M County				
	Total	\$ 1,529,985										
	lotes:				543	1.31%						

# Bi-State Development FY'17 Projected Transit Cash Flow (draft, discussion only)

(dollars in thousands)

	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals	Actuals								
Note- Figures are estimates of CASH	Fiscal Yr	JULY	AUG	SEPT	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUNE	Fiscal Yr	JULY	AUG	SEPT	ОСТ	NOV	DEC	FY'18
receipts and disb.: subject to change	2017	2016	2016	2016	2016	2016	2016	2017	2017	2017	2017	2017	2017	2018	2017	2017	2017	2017	2017	2017	
BEGINNING CASH BAL. OPER.&REV. FUNDS	\$50,600	\$32,000	\$15,400	\$26,500	\$24,000	\$56,800	\$56,600	\$52,400	\$58,400	\$41,500	\$47,000	\$53,000	\$40,000	\$32,000	\$28,800	\$22,845	\$32,310	\$33,798	\$35,708	\$35,106	\$28,800
CASH RECEIPTS- SALES TAXES :	. ,	. ,				. ,							. ,			. ,					
St Louis County 1/2 cent (est. 1974)	42,607	0	0	2,288	681	477	736	856	567	773	613	474	670	8,135	862	439	987	681	477	808	4,254
St Louis City 1/2 cent (est. 1974)	19,586	2,022	928	2,136	1,628	1,030	2,015	1,710	<u>996</u>	2,043	1,590	1,049	1,870	19,017	2,497	<u>928</u>	2,136	1,628	1,030	1,967	10,186
sub-total 1/2 cent (1974)	62,193	2,022	928	4,424	2,309	1,507	2,751	2,566	1,563	2,816	2,203	1,523	2,540	27,152	3,359	1,367	3,123	2,309	1,507	2,775	14,440
Pledged to debt service X-County Bonds:																					
St Louis County 1/4 cent Prop M (1994)	43,355	0	0	0	15,224	2,796	3,818	4,185	3,178	3,889	3,361	2,863	3,558	42,872	4,252	2,648	4,699	3,624	2,796	4,026	22,045
St Louis City 1/4 cent Prop M (1994)	10,348	0	0	0	3,565	550	1,025	874	441	1,127	855	531	1,022	9,990	1,028	489	1,163	884	550	1,037	5,151
St Louis County 1/2 cent Prop A (2010)	54,338	0	0		30,505	5,574	7,634	8,352	6,353	7,776	6,709	5,723	7,114	85,740	8,503	5,354	9,403	7,246	5,574	8,043	44,123
St Louis City 1/4 cent Prop M2 (2010)	<u>10,348</u>	<u>0</u>	<u>0</u>	<u>0</u>	3,565	550	1,025	874	441	<u>1,127</u>	<u>855</u>	531	<u>1,022</u>	<u>9,990</u>	1,028	489	1,163	884	550	1,037	<u>5,151</u>
sub-total pledged sales taxes	118,389	0	0	0	52,859	9,470	13,502	14,285	10,413	13,919	11,780	9,648	12,716	148,592	14,811	8,980	16,428	12,638	9,470	14,143	76,470
Debt Service X-County Bonds, Interest	(20,925)	0	0	0	(7,068)	(1,744)	(1,744)	(1,743)	(1,715)	(1,740)	(1,739)	(1,742)	(1,740)	(20,975)	(1,744)	(1,744)	(1,744)	(1,709)	(1,709)	(1,709)	(10,359)
Debt Service X-County Bonds, Principal	<u>(7,719)</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>(2,611)</u>	<u>(690)</u>	<u>(8,131)</u>	<u>(690)</u>	<u>(690)</u>	<u>(690)</u>	<u>(752)</u>	<u>(752)</u>	<u>(752)</u>	<u>(4,326)</u>							
sub-total debt service	(28,644)	0	0	0	(9,679)	(2,434)	(2,434)	(2,433)	(2,405)	(2,430)	(2,429)	(2,432)	(2,430)	(29,106)	(2,434)	(2,434)	(2,434)	(2,461)	(2,461)	(2,461)	(14,685)
sub-total pledged sales tax less debt	89,745	0	0	0	43,180	7,036	11,068	11,852	8,008	11,489	9,351	7,216	10,286	119,486	12,377	6,546	13,994	10,177	7,009	11,682	61,785
TOTAL SALES TAX RECEIPTS LESS DEBT	151,938	2,022	928	4,424	45,489	8,543	13,819	14,418	9,571	14,305	11,554	8,739	12,826	146,638	15,736	7,913	17,117	12,486	8,516	14,457	76,225
CASH RECEIPTS- OTHER:																					
Passenger Revenue, inc. Paratransit	54,973	4,026	3,951	5,585	4,953	3,851	3,392	4,108	3,374	6,014	2,853	4,457	3,591	50,155	4,026	3,951	5,585	4,953	3,851	3,392	25,758
Other	23,078	5,569	2,364	11,205	387	2,875	5,512	2,152	3,554	2,089	5,063	4,844	1,814	47,428	2,500	2,500	2,500	2,500	2,500	2,500	15,000
St. Clair County (inc. State of Illinois)	50,298	405	11,496	163	4,841	9,467	55	9,523	3,591	4,971	4,720	159	4,636	54,027	405	11,496	163	4,841	9,467	55	26,427
State of Missouri	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1
Federal Assistance:															0	0	0	0	0	0	0
Maintenance	0	0	18,756	0	0	0	0	0	0	0	0	0	0	18,756	0	10,000	0	0	0	0	10,000
CMAQ\JARC\ARRA\Other grants\reimb.	47,728	804	0	2,731	1,398	0	3,628	4,248	0	5,580	7,532	3,143	2,270	31,334	804	0	2,731	1,398	0	3,628	8,561
TOTAL CASH RECEIPTS	328,015	12,826	37,496	24,108	57,068	24,736	26,406	34,449	20,090	32,959	31,722	21,342	25,137	348,339	23,471	35,861	28,096	26,178	24,334	24,032	161,972
CASH DISBURSEMENTS:																					
Payroll & Related (not inc. OPEB)	(134,669)	(12,304)	(11,055)	(12,914)	(10,346)	(10,532)	(12,589)	(10,936)	(11,712)	(14,110)	(10,872)	(14,362)	(11,404)	(143,136)	(12,304)	(11,055)	(12,914)	(10,346)	(10,532)	(12,589)	(69,740)
Accounts Payable	(157,706)	(12,761)	(13,837)	(10,917)	(12,348)	(8,355)	(12,848)	(11,577)	(21,603)	(9,431)	(9,878)	(12,992)	(11,433)	(147,980)	(12,761)	(13,837)	(10,917)	(12,348)	(8,355)	(11,848)	(70,066)
Self-Insurance	(15,438)	(879)	(405)	(681)	(1,381)	(1,090)	(531)	(653)	(941)	(901)	(606)	(683)	(1,126)	(9,877)	(879)	(405)	(681)	(1,381)	(1,090)	(531)	(4,967)
Other (int svc fund transfer, OPEB, Pension)	(35,602)	(3,482)	(1,099)	(2,096)	(193)	(4,959)	(4,638)	(5,283)	(2,734)	(3,017)	(4,366)	(6,305)	(12,374)	(50,546)	(3,482)	(1,099)	(2,096)	(193)	(4,959)	(4,638)	(16,467)
TOTAL CASH DISBURSEMENTS	(343,415)	(29,426)	(26,396)	(26,608)	(24,268)	(24,936)	(30,606)	(28,449)	(36,990)	(27,459)	(25,722)	(34,342)	(36,337)	(351,539)	(29,426)	(26,396)	(26,608)	(24,268)	(24,936)	(29,606)	(161,240)
CASH SURPLUS (DEFICIT)	(15,400)	(16,600)	11,100	(2,500)	32,800	(200)	(4,200)	6,000	(16,900)	5,500	6,000	(13,000)	(11,200)	(3,200)	(5,955)	9,465	1,488	1,910	(602)	(5,574)	732
CUMULATIVE CASH SURPLUS (DEFICIT)	32,000	15,400	26,500	24,000	56,800	56,600	52,400	58,400	41,500	47,000	53,000	40,000	28,800	28,800	22,845	32,310	33,798	35,708	35,106	29,532	29,532

	te Development A of Financial Insti	• •		E				
Credit Ratings		ng-Term Debt Ra	· · ·		ort-Term Debt Ra	ting	Fitch Bank	
Depository Banks:	S&P	Moody's	Fitch	S&P	Moody's	Fitch	Rating	
Bank of America, N.A.	A+	A1	AA-	A-1	P-1	F1	NA	
Commerce Bank	А	A2		A-1	P-1		NA	
PNC Bank	A	Aa2	AA-	A-1	P-1	F1+	NA	
Regions Bank	BBB+	A2	BBB	A-2	P-1	F2	NA	
U.S. Bank		Aa1	AA+		P-1	F1+	NA	
UMB Bank	A-		А	A-2		F1	NA	
Trust Companies:		•		•				
Bank of New York Mellon Trust	AA-	Aa1	AA+	A-1+	P-1	F1+	NA	
Money Market Funds:		S&P		•	Moody's			
Black Rock Fed Trust		AAAm			Aaa-mf			
Black Rock Temp		AAAm			Aaa-mf			
Black Rock T Fund		AAAm						
FFI Treasury Fund		AAAm						
Columbia (BOA/Merrill) Money Market Reserves		AAAm			Aaa-mf			
Columbia (BOA/Merrill) Government		AAAm			Aaa-mf			
Dreyfus Government Cash Management		AAAm			Aaa-mf			
Federated Prime		AAAm			Aaa-mf			
Federated Treasury		AAAm			Aaa-mf			
Federated Government		AAAm			Aaa-mf			
Fidelity Government		AAAm			Aaa-mf			
Fidelity Prime		AAAm			Aaa-mf			
Fidelity Treasury		AAAm			Aaa-mf			
Goldman Financial Government		AAAm			Aaa-mf			
Invesco Government and Agency		AAAm			Aaa-mf			
JP Morgan Prime		AAAm			Aaa-mf			
Wells Fargo Treasury		AAAm			Aaa-mf			
	Lor	ng-Term Debt Ra	ting					
Other:	S&P	Moody's	Fitch					
AIG (2001 LRV Lease)	A+	A2	A+					
U.S. Treasury	AA+	Aaa	AAA					
Federal Home Loan Bank (FHLB)	AA+	Aaa		NA = Fitch overall bank ratings or LT debt ratings ha				
Federal Farm Credit Bank (FCB)	AA+	Aaa	AAA	been withdro	าพท			

	Bi-State Develo	pment		
Mass Transit Sale	s Tax Appropriation Cross-C	ounty Bonds & St Louis Cou	unty Loan	
	2009	20	13	
Series	Refunding	2013A Bonds	2013B Loan	Total Cross County
Issue date	9-Nov-09	1-Aug-13	1-Aug-13	
Principal (original)	\$97,220,000	\$381,225,000	\$75,000,000	
Principal (currently outstanding)	\$97,220,000	\$299,110,000	\$135,000,000	\$531,330,000
Lien on 1\4 cent Prop M, Prop M2, Prop A tax	Senior	Senior	Subordinate	
Stand alone credit rating (S&P\Moody's)	AA+\A2	AA+\Aa3	NA	
Maturity date(s)	2023 – 2039	2048	2053	
Optional Call Date	2019	Various	Anytime	
Optional Put Date	NA	NA	2018	
Interest rate mode	Fixed	Fixed	1% + SIFMA	
Rate	4.50%-5.00%	3.00%-5.00%	1.02%-1.06%	
Interest pmt. Dates (4/1/17 &10/1/17)	April, October	April, October	April, October	
Annual debt service:		·		
Interest - FY 2017	\$4,767,975	\$14,859,112	\$1,413,000	\$21,040,087
Principal - (Previous payment 10/1/16 - \$7,880,000) (next payment 10/1/17 - \$8,275,000)	\$0	\$8,275,000	\$0	\$8,275,000
total princ.&int.	\$4,767,975	\$23,134,112	\$1,413,000	\$29,315,087
Debt Service Reserve Fund (DSRF)	\$9.1 million in DSRF with bond trustee, BONY- Mellon.	\$23.7 million in DSRF with bond trustee, BONY- Mellon.	NA	
Other	Refunded balance of 2002 A	Refunded Series 2002A,B,C, 2007, and Series 2010B	Refunded Series 2010A Bonds	

# Memorandum



**To:** Finance and Administration Committee

From:	Larry B. Jackson
	Executive Vice President – Administration

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**Date:** August 2, 2017

# Subject: Quarterly Procurement Activity Report 4<sup>th</sup> Quarter Fiscal Year 2017

BSD Board Policy Chapter 50 Section 010 Paragraph N.3 requires that we provide quarterly reports to the Board relating to procurement activities, which exceed \$100,000, including contract modifications and award of options. The report format that has been used the past several years includes the key sections that are explained below.

# Section 1 – Non-Competitive Procurement Trend

Federal regulations and Board Policy require that all procurements be conducted in a manner which fosters full and open competition. In certain instances however, competition is not feasible or practical. This section of the report summarizes the trend and relationship of non-competitive spend to total spend. All individual non-competitive contract awards exceeding \$100,000 are presented to the Board of Commissioners for approval prior to award. Other non-competitive expenditures must be approved by the appropriate Division Vice President, the Vice President of Procurement, and the President & CEO prior to award.

# Section 2 – Procurement Contract Awards

This report lists all major (>\$100,000) contract awards during the reporting period and the relevant contract information for each. Information in this report is now listed in descending contract dollar value as requested previously by the Committee.

# **Section 3 – Contract Modifications**

This report lists all contract modification actions executed during the period where the total revised contract amount exceeds \$100,000. Contract modifications include changes to contract scope, exercise of options and extensions, or other actions effecting the contract term. Information in this report is listed in descending contract dollar value as requested previously by the Committee.

# **Section 4 – Davis Bacon Act Projects**

The Davis Bacon Act requires that all construction contracts financed with Federal assistance contain provisions requiring that all laborers and mechanics employed by the contractors or subcontractors to work on the project must be paid wages not less than those established for the area by the Secretary of Labor. The contractors listed in this section submit weekly "certified payrolls" to BSD, which we monitor in accordance with the regulatory requirements.

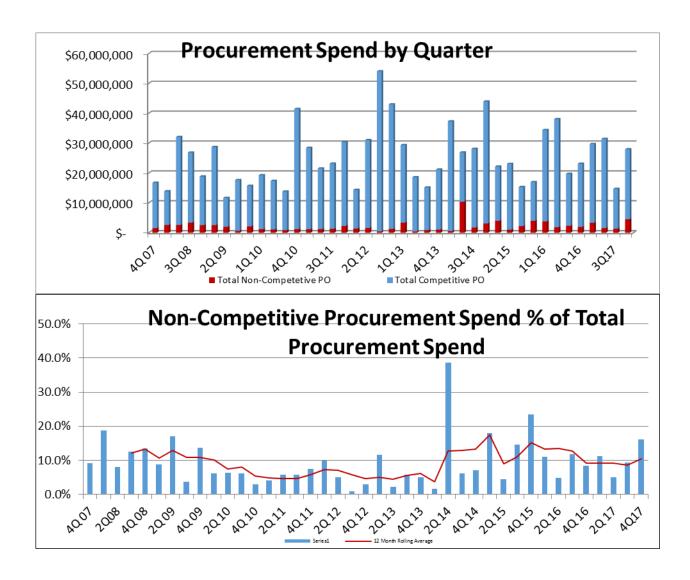
# Section 5 – Procurement Card Administration

BSD's Procurement Department administers a Procurement Card Program, which provides a means for cardholders to procure low-dollar goods and services independently. This program reduces the administrative burden of processing Purchase Orders and Check Requests for small dollar purchases (typically less than \$2500). The report included in this section details the overall volume of transactions and information related to procedural violations and administrative actions on those violations.

Please feel free to contact me with any suggestions, questions, or information requests that you may have.

# Procurement Activity Report Non-Competitive Procurement Trend Fourth Quarter FY2017

Fourth Quarter 2017 Non-Competitive Procurements totaled \$4,524,442 or 16.2% of total Purchase Order Commitment volume of \$27,944,996. Last 12 months Non-Competitive Procurements totaled \$10,795,136 or 10.4% of total Purchase Order Commitment volume of \$103,765,411.



<u>Number</u>	<u>Rev</u>	Description	Түре	Order Date	Supplier	Amount	<u>Buyer</u>	<u>Closure</u> <u>Status</u>	DBE Goal
54416	0	15-RFP-100793-DH Heavy Duty Transit Buses TASK ORDER #2 2017 Production	Standard Purchase Order	11/10/16	GILLIG LLC	\$ 12,540,780.00	Hill, Diana L	Open	N/A
56553	1	17-SB-104149-DR - Boyle Ave./ Central West End MetroLink Station - Facilities - Period of Performance: June 19, 2017 - October 31, 2018	Standard Purchase Order	06/12/17	L. KEELEY CONSTRUCTION CO	\$ 6,405,348.96	Rowey, Deborah M	Open	22%
N/A	0	16-RFP-102885-DR Dental Plan Services - Period of Performance: January 1,2017 - December 31, 2021	Contract Purchase Agreement	07/15/16	DELTA DENTAL OF MISSOURI	\$ 6,000,000.00	Rowey, Deborah M	Open	0
54256	0	17-RFP-103314-DGR Union Station Tunnel Rehab Design Services Four (4) Year Contract Period of Performance Nov 2016 - Nov 2020	Contract Purchase Agreement	10/25/16	MODJESKI & MASTERS, INC	\$ 4,432,067.20	Ramsay, David George	Open	8%
56263	0	17-RFP-103684-DGR Elevator Escalator Full Maintenance and Repair Three Base Years with Two One Year Options, Period of Performance May 15, 2017 - May 14, 2022.	Contract Purchase Agreement	05/05/17	THYSSENKRUPP ELEVATOR CORP	\$ 2,325,560.00	Ramsay, David George	Open	0
56149	0	17-RFP-103083-DR - Enterprise Asset Management(EAM) Software and Implementation - Period of Performance: June 1, 2017 - May 31, 2020	Contract Purchase Agreement	05/23/17	TRAPEZE SOFTWARE GROUP INC	\$ 2,297,167.00	Rowey, Deborah M	Open	0
53814	0	17-SB-103454-CB, Elevator Reahb - 6 Units - MO, Period of Performance 5/16/2017 thru 7/31/2018	Contract Purchase Agreement	05/12/17	HARLAN COMPANY (THE)	\$ 2,145,450.00	Bonds, Charcita M	Open	0
54059	0	16-RFP-102633-CB Track Maintenance Services, Three Base Years, Period of Performance July 1, 2016 - June 30, 2019	Contract Purchase Agreement	09/08/16	IRONHORSE INC	\$ 1,737,448.85	Bonds, Charcita M	Open	0
54016	0	16-RFP-102840-DR - Life and Disability Insurance Services - Three Base Years and Two Option Years - Period of Performance: January 1, 2017 - December 31, 2021	Contract Purchase Agreement	09/30/16	RELIANCE STANDARD LIFE INSURANCE COMPANY	\$ 1,312,778.00	Rowey, Deborah M	Open	0
54058	0	16-RFP-102975-CG Development and Implementation of Marketing Activities for Metro Transit, Three Base Years and Two Option Years, Period of Performance September 30, 2016 - September 29, 2021	Contract Purchase Agreement	09/28/16	PAVLOV ADVERTISING, LLC	\$ 1,200,000.00	Gates, Carol Renee	Open	0

<u>Number</u>	<u>Rev</u>	Description	Туре	Order Date	Supplier	Amount	<u>Buyer</u>	Closure Status	DBE Goal
54691	0	16-RFP-102840-DR - Life and Disability Insurance Services - Three Base Years and Two Option Years - Period of Performance: January 1, 2017 - December 31, 2021	Contract Purchase Agreement	09/30/16	STANDARD INSURANCE COMPANY	\$ 874,264.00	Rowey, Deborah M	Open	0
56042	0	16-RFP-103082-DR - Budget & Capital Planning Software System and Implementation - Period of Performance: January 9, 2017 - January 8, 2019	Standard Purchase Order	12/07/16	TAGETIK NORTH AMERICA, LLC	\$ 856,763.00	Rowey, Deborah M	Open	0
53355	0	16-SS-103219-CB Trigen - Spruce St. Relocation Steam Line Base Contract Period of Performance 5/26/2016 thru 8/6/2016	Standard Purchase Order	07/22/16	TRIGEN-ST LOUIS ENERGY CORPORATION	\$ 677,550.00	Bonds, Charcita M	Open	0
56124	0	16-RFP-102886-CG Development and Implementation of Marketing Activities, Base Year One, Period of Performance July 7, 2016 - July 6, 2017	Contract Purchase Agreement	07/07/16	WERREMEYER, INC	\$ 600,000.00	Gates, Carol Renee	Open	0
53671	0	TRAPEZE SOFTWARE GROUP - Trapeze Software Annual Maintenance May 1, 2017 to April 30, 2018	Standard Purchase Order	05/10/17	TRAPEZE SOFTWARE GROUP	\$ 461,039.00	Griffin, Sandra P	Closed	0
54187	0	Transit Master Equipment/Software Maintenance Agreement with Trapeze Group, Period of Performance July 1, 2016 - June 30, 2017.	Standard Purchase Order	08/23/16	TRAPEZE SOFTWARE GROUP	\$ 435,794.00	Hill, Diana L	Closed	0
53140	2	17-SB-103489-DAB Industrial Cleaning of Central (Main Shop) Facility, Two Base Years and Two Option Years, Period of Performance October 14, 2016 - October 13, 2020	Contract Purchase Agreement	10/14/16	LRL COMMERCIAL CLEANING INC	\$ 435,252.20	Baldwin, Deborah A	Open	12%
54017	0	17-SB-104091-TJ ILLINOIS FACILITY CLEANING- BASE YEAR 1, PERIOD OF PERFORMANCE JULY 1, 2017 - JUNE 30, 2018	Contract Purchase Agreement	06/28/17	WORLD MANAGEMENT, INC	\$ 403,781.00	Johnson, Theresa	Open	10
53322	0	16-RFP-102975-CG Development and Implementation of Marketing Activities for Metro Transit, Base Year 1 Period of Performance September 29, 2016 - September 28, 2017	Standard Purchase Order	09/28/16	PAVLOV ADVERTISING, LLC	\$ 400,000.00	Gates, Carol Renee	Open	0
56130	0	14-SB-99133-DH Lubricants - Bulk, Drum and Keg, BALANCE OF Five Base Years, Period of Performance July 20, 2016 - March 2, 2019 (Change of Distributors)	Contract Purchase Agreement	07/20/16	HERITAGE PETROLEUM, LLC	\$ 373,740.00	Hill, Diana L	Open	0

<u>Number</u>	<u>Rev</u>	Description	Туре	Order Date	Supplier	<u>_</u>	Amount	<u>Buyer</u>	<u>Closure</u> <u>Status</u>	DBE Goal
53737	0	17-SB-103729-CG Oracle Analytics Software, One Base Year. Period of Deliverables November 9, 2016 - November 8, 2017	Contract Purchase Agreement	11/09/16	MYTHICS INC	\$	353,370.00	Gates, Carol Renee	Closed	0
53516	0	17-SS-104281-DW MetroLink Union Station Tunnel Overhead Conductor Rail (OCR) System, Period of Performance May 11, 2017 - December 31, 2017.	Contract Purchase Agreement	05/11/17	MAC PRODUCTS INC	\$	336,500.00	Wright, Diane	Open	0
54651	0	17-RFQ-103422-DAB Winter Storm Supplies - Bag Sand and Bag Magnesium Chloride	Standard Purchase Order	08/30/16	KIRKWOOD MATERIAL SUPPLY, INC.	\$	328,950.00	Baldwin, Deborah A	Open	0
53800	0	17-SS-103496-MD AAIM Employers Association for Supervisor Training Program	Standard Purchase Order	08/05/16	AAIM MANAGEMENT ASSOCIATION	\$	325,090.00	Dillard, Marian Denise	Open	0
56588	0	17-SB-103372-CG Feeder Wire Rehabilitation and Substation Waterproofing at MO-02, Period of Performance September 14, 2016 - April 1, 2017	Standard Purchase Order	09/07/16	TGB, INC.	\$	288,551.00	Gates, Carol Renee	Open	0
53673	1	17-SS-103773-CG Remix Software, Three Base Years, Period of Performance December 5, 2016 - November 4, 2019	Contract Purchase Agreement	12/05/16	REMIX SOFTWARE INC	\$	280,000.00	Gates, Carol Renee	Open	0
53672	1	17-SB-104265-CB Saw Cut & Fill Bus Hydraulic Lifts, Period of Performance - July 3, 2017 - Oct. 3, 2017	Standard Purchase Order	06/13/17	L. KEELEY CONSTRUCTION CO	\$	269,500.00	Bonds, Charcita M	Open	10
56784	0	16-RFP-102644-DR - On-Call Finance/Accounting Consulting Services - Three Base Years and Two Option Years - Period of Performance: Septembr 1, 2016 - August 31, 2021	Contract Purchase Agreement	08/23/16	PS GROUP, INC	\$	250,000.00	Rowey, Deborah M	Open	0
54131	0	16-RFP-102644-DR - On-Call Finance/Accounting Consulting Services - Three Base Years and Two Option Years - Period of Performance: Septembr 1, 2016 - August 31, 2021	Contract Purchase Agreement	08/23/16	CBIZ OPERATIONS, INC	\$	250,000.00	Rowey, Deborah M	Open	0
54621	1	17-SB-104140 Crossing Gates & Flashers - Single Bid - Project 2060	Standard Purchase Order	06/29/17	DIVERGING APPROACH, INC	\$	242,400.00	Hill, Diana L	Open	0

Number	<u>Rev</u>	Description	Туре	Order Date	<u>Supplier</u>	Amount	<u>Buyer</u>	Closure Status	DBE Goal
54242	0	17-SB-103398-SG MetroBus Timetables Panel Sizes4 thru 9 Base Years September 20, 2016 to September 19, 2018 and 1 Option Year September 20, 2018 - September 19, 2019	Contract Purchase Agreement	09/16/16	JAMES MULLIGAN PRINTING CO	\$ 233,704.00	Griffin, Sandra P	Open	0
56755	0	17-RFP-103834-CG e-Builder Software Services, One Base Yeard and Two Option Years, Period of Peformance December 1, 2016 - November 30, 2017	Contract Purchase Agreement	12/01/16	E-BULIDER, INC	\$ 216,605.00	Gates, Carol Renee	Open	0
56751	0	16-SB-103100-DAB Metro's Towing and Wrecker Services Three Base Years with Two Option Years, Period of Peformance October 16, 2016 - October 15, 2021	Contract Purchase Agreement	10/21/16	MIKE'S TOWING AND AUTOMOTIVE	\$ 210,000.00	Baldwin, Deborah A	Open	0
54393	0	17-SB-104526-DW Phone Recording System, 90 Day Implementation and Three Years Support, Period of Performance July 1, 2017 - August 30, 2020	Contract Purchase Agreement	06/28/17	WORLD WIDE TECHNOLOGY INC	\$ 199,185.76	Wright, Diane	Open	0
53298	1	National Park Service - Arch Transportation System Tram Mechanics & Materials - Remainder of FY16 invoices (still to be received from NPS)- Bill# BV652017002	Standard Purchase Order	07/19/16	NATIONAL PARK SERVICE	\$ 197,730.48	Dillard, Marian Denise	Open	0
53128	0	16-RFP-102778-SG - Threat Vunerability Assessment Consultant	Contract Purchase Agreement	07/06/16	COUNTERMEASURES ASSESSMENT & SECURITY EXPERS (CASE)	\$ 195,723.06	Sandra Griffin	Open	0
56389	0	Civic Center Transit Center-21 Onstreet signs and Arrival Departure monitors	Standard Purchase Order	05/31/17	TRAPEZE SOFTWARE GROUP	\$ 192,979.09	Hill, Diana L	Open	0
56857	0	17-RFP-104180-SG Financial Advisory Services - 3 Base Years & 2 Option Years June 14, 2017 - June 13, 2022	Contract Purchase Agreement	06/01/17	COLUMBIA CAPITAL MANAGEMENT, LLC	\$ 177,750.00	Griffin, Sandra P	Open	0
53731	0	17-RFQ-103422-DAB Winter Storm Supplies - Bulk Salt	Standard Purchase Order	08/30/16	LANGE-STEGMANN CO	\$ 167,175.00	Baldwin, Deborah A	Open	0
56641	0	17-SB-103800-CB, Bulk Salt Storage at Illinois Bus Facility, 120 days, Period of Performance June 23, 2017 - November 3, 2017	Contract Purchase Agreement	06/19/17	BEN HUR CONSTRUCTION CO	\$ 151,498.00	Bonds, Charcita M	Open	0

<u>Number</u>	<u>Rev</u>	Description	Түре	Order Date	<u>Supplier</u>	_	Amount_	<u>Buyer</u>	<u>Closure</u> <u>Status</u>	DBE Goal
56402	0	REQ 122021 3RD PARTY GRANT ADMIN BY BI-STATE FOR JEFFERSON COUNTY COMMUNITY PARTNERSHIP	Standard Purchase Order	05/31/17	JEFFERSON COUNTY COMMUNITY PARTNERSHIP	\$	150,562.00	Johnson, Theresa	Open	0
53362	0	16-SB-102814-TJ NORTH COUNTY TRANSIT CENTER,ONE BASE YEAR & TWO ONE YEAR OPTIONS, PERIOD OF PERFORMANCE BASE YEAR 1, AUGUST 1, 2016 - JULY 31, 2017	Standard Purchase Order	07/25/16	MERS/GOODWILL	\$	145,000.00	Johnson, Theresa	Open	13%
56856	0	17-RFP-104179-SG Bond Counsel Services Five (5) Base Years June 23, 2017 to June 22, 2022.	Contract Purchase Agreement	06/21/17	GILMORE AND BELL	\$	135,000.00	Griffin, Sandra P	Open	0
56832	0	17-RFP-104069-CG Three Base Years and Two Option Years. Period of performance July1,2017 to June 30,2022	Contract Purchase Agreement	06/26/17	TACTICAL DIDITAL CORP.	\$	128,926.20	Gates, Carol Renee	Open	0
55761	0	17-RFQ-104182-BH (Signal Wire) - Spec Project #2060	Standard Purchase Order	04/03/17	OKONITE COMPANY, INC. (THE)	\$	125,107.20	Howard, Bryan L	Open	0
54821	0	Improvements to 6th Floor leasehold expansion of 2362 square feet	Standard Purchase Order	12/20/16	INTERIOR SYSTEMS CONTRACTING INC	\$	125,000.00	Gates, Carol Renee	Open	0
56147	0	17-SB-104145-CG Concrete Slab Repair at Metro IL Bus Facility, Period of Performance May 12, 2017 - August 11, 2017	Contract Purchase Agreement	05/12/17	HANK'S EXCAVATING AND LANDSCAPING	\$	115,000.00	Gates, Carol Renee	Open	0
56258	0	RFQ 104348,1 Spec project 2060 - Boyle Street Metro Link Station - Catenary	Standard Purchase Order	05/23/17	TRANSTECH OF SC INC	\$	110,030.82	Hill, Diana L	Open	0
56253	0	Emergency repairs to Union Station Tunnel CC2274	Standard Purchase Order	06/02/17	L. KEELEY CONSTRUCTION CO	\$	100,000.00	Wright, Diane	Open	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
12-SB-5786-MM		7	Eads Bridge Rehab Credit	Closing of Contract. Credits Due	St. Louis Bridge Construction Company	12%	\$36,326,412	02/21/17	(\$699,409)	\$39,661,295	MO-96-X005 MO-90-X279 MO-90-X281 Prop M	180	2
13-RFP-5980-SG		13	Security & Fare Enforcement Services	Additional Funds Exercise Option Yr 1	Securitas Security Services USA, Inc	10%	\$3,235,705	06/19/17	\$120,000	\$16,560,009	Operations	0	0
13-RFP-5980-SG		12	Security & Fare Enforcement Services	Additional Work Additional Funds	Securitas Security Services USA, Inc	10%	\$3,235,705	12/02/16	\$120,000	\$16,440,008	Operations	0	0
13-RFP-5980-SG		11	Security & Fare Enforcement Services	Additional Funds for base year 3	Securitas Security Services USA, Inc	0%	\$3,235,705	08/08/16	\$100,000	\$16,320,008	Operations	0	0
13-RFP-5980-SG		10	Security & Fare Enforcement Services	Exercise Option Yr 1	Securitas Security Services USA, Inc	0%	\$3,235,705	08/08/16	\$4,766,954	\$16,220,008	Operations	0	0
10-RFP-5564-DH	CO32	17	Automatic Fare Collection and Smart Card System	Additional Funds Additional Work	Indra, USA	0%	\$6,625,896	06/22/17	\$408,367	\$12,046,410	MO-90-X231 Prop M SCCTD	0	0
10-RFP-5564-DH	CO 25A & 28- 31	16	Automatic Fare Collection and Smart Card System	Change in Scope Additional Funds	Indra, USA	0%	\$6,625,896	03/24/17	\$335,288	\$11,638,043	MO-90-X231 Prop M SCCTD	0	0
10-RFP-5564-DH	CO 27	15	Automatic Fare Collection and Smart Card System	Change in Scope Additional Funds	Indra, USA	0%	\$6,625,896	12/12/16	\$349,545	\$11,302,755	Mo-90-X231 Prop M SCCTD	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
10-RFP-5564-DH	CO 25 & 26	14	Automatic Fare Collection and Smart Card System	Change in Scope	Indra, USA	0%	\$6,625,896	11/02/16	\$66,344	\$10,953,230	MO-04-0113 Prop M SCCTD	0	0
10-RFP-5564-DH	CO24	13	Automatic Fare Collection and Smart Card System	Change in Scope	Indra, USA	0%	\$6,625,896	08/26/16	\$10,171	\$10,886,866	MO-04-0113 Prop M SCCTD	0	0
10-RFP-5648-DH	9	6	Farebox Collection System	Change in Scope Additional Funds	Scheidt & Bachmann	7%	\$9,976,369	08/26/16	\$4,653	\$10,355,356	MO-04-0113 Prop M SCCTD	0	0
10-RFP-5648-DH	8	5	Farebox Collection System	Time Extension Additional Funds	Scheidt & Bachmann	7%	\$9,976,369	08/02/16	\$21,500	\$10,350,703	MO-04-0113 Prop M SCCTD	360	1
13-SB-5879-ТЈ		3	Fleet Tire Requirement	Time Extension Additional Funds Additional work	Bridgestone Tires	0%	\$1,615,735	06/02/17	\$617,954	\$9,769,475	Operations	90	1
13-SB-5879-TJ		2	Fleet Tire Requirement	Change in Scope	Bridgestone Tires	0%	\$1,615,735	04/26/17	\$94,100	\$9,151,521	Operations	0	0
16-SB-102360-CB	14	5	Metro Downtown Transit Center	Change in Scope	KCI Construction Co.	29%	\$7,267,000	05/22/17	\$2,971	\$7,927,545	MO-90-X296	0	0
16-SB-102360-CB	CO 11- 13	4	Metro Downtown Transit Center	Change in Scope	KCI Construction Co.	29%	\$7,267,000	04/26/17	\$394,798	\$7,924,584	MO-90-X296	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-SB-102360-CB	CO 8- 10	3	Metro Downtown Transit Center	Additional Work	KCI Construction Co.	29%	\$7,267,000	04/26/17	\$64,043	\$7,529,785	MO-90-X296	0	0
16-SB-102360-CB	CO 07	2	Metro Downtown Transit Center	Change in Scope	KCI Construction Company.	29%	\$7,267	03/23/17	\$3,589	\$7,465,242	MO-90-X296	0	0
16-SB-102360-CB	CO 01- CO 06	1	Metro Downtown Transit Center	Change in Scope	KCI Construction Company	29%	\$7,267	03/17/17	\$194,653	\$7,267,000	MO-90-X296	0	0
16-SB-101846-DGR		3	Spruce Street Bridge Replacement	Time Extension	Kozeny Wagner, Inc.	0%	\$5,283,793	01/31/17	\$132,013	\$5,581,655	Operations	180	1
16-SB-101846-DGR		2	Spruce Street Bridge Replacement	Change in Scope	Kozney Wagner, Inc.	0%	\$5,283,793	07/05/16	\$114,432	\$5,449,642	MO-54-0001	0	0
15-SB-100842-CB	CO 10	11	North County Transfer Center - Phase 1	Change in Scope	C Rallo Contracting	15%	\$5,085,000	03/17/17	\$11,247	\$5,353,315	MO-90-X296	0	0
15-SB-100842-CB		10	North County Transfer Center - Phase 1	Time Extension	C Rallo Contracing	15%	\$5,085,000	02/08/17	\$6,432	\$5,342,068	MO-90-X296	0	0
15-SB-100842-CB	CO 8	9	North County Transfer Center- Phase 1	Change in Scope	C Rallo Contracting	15%	\$5,085,000	09/23/16	\$12,541	\$5,335,636	MO-95-X018 STCF	90	1
15-SB-100842-CB	C07	8	North County Transfer Center- Phase 1	Change in Scope	C Rallo Contracting	15%	\$5,085,000	09/15/16	\$17,489	\$5,323,095	MO-95-X015	90	1
16-SB-101993-CB	CO2	2	Jefferson National Expansion Memorial Arch Transportation System Motor-Generator Set	Additional Work Additional Funds	The Harlan Company	0%	\$5,002,100	06/21/17	\$184,396	\$5,235,532	Arch Bond	90	1

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-SB-101993-CB	C01	1	Jefferson National Expansion Memorial Arch Transportaton System Motor-Generator Set Replacement	Change in Scope	The Harlan Company	0%	\$5,002,100	09/21/16	\$49,036	\$5,051,136	Arch Bond	0	0
12-RFP-5883-DGR		5	ML Structures Inspection Program Engineering Services	Additional Funds Additional Work	Juneau Associates, Inc,	15%	\$4,562,030	03/13/17	\$42,139	\$4,604,169	Operations	0	0
12-RFP-5883-DGR		4	ML Structures Inspection Program Engineering Services	Exercise Option Yr 2	Juneau Associated, Inc.	15%	\$2,455,432	01/20/17	\$930,000	\$4,562,030	Operations	0	0
15-RFP-101065-CB		4	Design/Build Ewing Yard Retaining Wall Remediation Part 2	Change in Scope	St. Louis Bridge Construction Co.	0%	\$4,142,110	01/03/17	\$13,676	\$4,313,445	MO-90-X296 Prop M	0	0
15-RFP-101065-CB	CO 4	3	Design/Build Ewing Yard Retaining Wall Remediation Part 2	Additional Work Additional Funds	St. Louis Bridge Construction Co.	0%	\$4,142,110	11/15/16	\$14,548	\$4,299,770	MO-90-X296 Prop M	90	1
15-RFP-101065-CB		2	Design/Build Ewing Yard Retaining Wall Remediation Part 2	Change in Scope Additional Funds	St. Louis Bridge Construction Co.	0%	\$4,142,110	10/12/16	\$103,133	\$4,285,222	MO-90-X296 Prop M	90	1
11-RFP-5737-DGR		11	Elevator and Escalator Full Maintenance and Repair	Additional Funds Time Extension	ThyssenKrupp Elevator Corporation	0%	\$2,092,660	01/20/17	\$250,000	\$4,207,706	Operations	300	2
15-RFP-101065-CB	CO 2&3	1	Design/Build Ewing Yard Retaining Wall Remediation Part 2	Change in Scope	St. Louis Bridge Construction Co.	0%	\$4,142,110	09/21/16	\$39,979	\$4,182,089	MO-90-X296 Prop M	90	1
11-RFP-5737-DGR		10	Elevator and Escalator Full Maintenance and Repair	Additional Work	ThyssenKrupp Elevator Corporation	0%	\$2,092,660	07/25/16	\$218,869	\$3,957,706	Operations	90	1

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15-RFP-101355-DR		1	Medical ASO & Stop Loss Coverage	Additional Funds	Cigna Behavioral Health	0%	\$3,678,425	12/12/16	\$1,000	\$3,679,425	Operations	0	0
12-RFP-5885-DR		1	Life & Disability and Absence Management Services Base Year 4 FMLA only	Additional Funds	Cigna Life Insurance Co. of North America	0%	\$577,393	12/12/16	\$6,300	\$3,529,321	Operations	0	0
14-RFP-100998-DR		5	Metro Operator Uniforms	Change in Scope	Leon Uniform Company	0%	\$1,951,500	05/08/17	\$0	\$3,257,250	Transit Operating Uniform Budget	0	0
14-RFP-100998-DR		4	Metro Operator Uniforms	Change in Scope	Leon Uniform Company	0%	\$0	02/06/17	\$0	\$3,257,250	Transit Operating Uniform Budget	0	0
PO 115611/REQ 54517		3	Trapeze Software License and Maintenance	Change in Scope	Trapeze Software Group	0%	\$289,749	03/20/17	\$89,723	\$3,080,408	Operations	0	0
14-RFP-100762-SG		4	Trapeze Software License and Maintenance includes a \$50,015.57 BSM credit	Change in Scope	Trapeze Software Group, Inc.	0%	\$2,733,684	06/01/17	(\$133,415)	\$3,051,326	Operations	0	0
Req 115611 PO 54516		2	Trapeze Software License and Maintenance Agreement	Change in Scope	Trapeze Software Group	0%	\$169,147	02/07/17	\$87,854	\$2,990,685	Operations	0	0
16-SB-101807-DGR	1	2	JNEM Gateway Arch Exhibit Rehabilitation	Time Extension	Conference Technologies, Inc.	0%	\$2,244,420	06/16/17	\$0	\$2,898,333	JNEM Beneficial Fund	90	1
15-SB-101402-TJ		3	Missouri & Illinois & Yards Shops Facility Cleaning	Exercise Option Yr 1	MERS/Goodwill Industries	0%	\$1,831,435	06/19/17	\$810,784	\$2,520,466	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-RFP-102248-DR		1	Boyle Ave. / CWE MetroLink Station - Design & Construction Phase Services Contract	Change in Scope	HNTB Corporation	0%	\$2,432,373	02/07/17	\$36,471	\$2,468,844	MO-79-X004	0	0
14-RFP-99435-TJ		2	Natural Gas Supply/Marketer	Exercise Option Yr 2	Laclede Energy Resources	0%	\$1,082,344	05/17/17	\$568,761	\$2,219,867	Operations	0	0
17-SB-103454-CB		NEW	Elevator Rehab - 6 Units - MO	NEW	The Harlan Company	0%	\$2,145,450	04/19/17	\$0	\$2,145,450	MO-54-0001 MO-05-0028 MO-90-X204	0	0
13-RFP-5975-SS/MD		2	Rebranding the Gateway Arch Riverfront CityArchRiver	Exercise Option Yr 1 Additional Funds	Rebranding the Gateway Arch Riverfront CityArchRiver (CAR)/JNEM	15%	\$993,750	04/12/17	\$816,750	\$2,049,000	JNEM	0	0
13-SB-5935-SS/SG		3	Bus Shelter/Transit Center Cleaning	Exercise Option Yr 3	Mers/Goodwill	20%	\$802,302	01/18/17	\$403,804	\$2,013,715	Operations	0	0
15-SB-101402-TJ		2	MO & IL Railcar Cleaning	Additional Funds Additional Work	MERS Goodwill	10%	\$432,000	09/08/16	\$56,624	\$1,710,193	Operations	0	0
15-SB-101402-TJ		1	MO & II Railcar Cleaning	Change in Scope Additional Funds	MERS Goodwill	10%	\$432,000	08/25/16	\$1,221,058	\$1,653,058	Operations	0	0
12-SB-5833-DAB		4	DeBaliviere Bus Cleaning	Exercise Option Yr 3	MERS/Goodwill	15%	\$617,776	10/21/16	\$338,335	\$1,632,781	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
14-RFP-99256-DAB		2	Brentwood Facility Cleaning	Exercise Option Yr 2	ISS Facility Services, Inc.	25%	\$791,168	05/25/17	\$395,584	\$1,582,336	Operations	0	0
16-RFP-102111-CG		1	On call GEC Services/Multiple Disciplines	Change in Scope	Jacobs Engineering	0%	\$500,000	05/01/17	\$1,000,000	\$1,500,000	Operations	0	0
12-SB-5831-DAB		5	Brentwood Bus Cleaning	Time Extension	World Management	15%	\$529,886	04/26/17	\$74,244	\$1,490,456	Operations	180	2
12-SB-5831-DAB		4	Brentwood Bus Cleaning	Time Extension	World Management	15%	\$529,886	02/08/17	\$68,831	\$1,416,212	Operations	90	1
SB-11-5788-CE-DAB		5	Call-A-Ride Van Cleaning Service	Time Extension Additional Funds	World Management, Inc.	12%	\$478,804	12/01/16	\$63,049	\$1,344,651	Operations	180	2
11-SB-5788-CE/DAB		4	Call-A-Ride Van Cleaning Service	Time Extension	World Management Inc.	12%	\$478,806	08/03/16	\$63,049	\$1,281,602	Operations	90	1
13-RFP-5975-SS/MD		1	CityArchRiver (CAR) Jefferson National Expansion Memorial (JNEM)	Change in Scope Additional Funds	Maring Weissman (dba) Dovetail	15%	\$993,750	10/10/16	\$238,500	\$1,232,250	JNEM	0	0
14-SB-99459-TJ		1	DeBaliviere Facility Cleaning	Exercise Option Yr 1	ISS Facility Services Inc	15%	\$783,395	08/10/16	\$391,698	\$1,175,093	Operations	0	0
14-SB-100640-SG		1	MetroLink Manual Ticket Sales/Revenue Services	Exercise Option Yr 1	Above All Personnel	10%	\$700,188	08/30/16	\$350,133	\$1,050,321	Operations	0	0
13-SB-5989-CB		3	Missouri Ground Maintenance & Landsacping	Exercise Option Yr 3	Ideal Landscape Management, Inc.	17%	\$465,948	05/12/17	\$168,270	\$1,014,047	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
11-RFP-5753-SG/DR		1	Defined Benefit Plan Third Party Administrator.	Exercise Option Yr 2 Additional Funds	Milliman, Inc.	0%	\$0	01/30/17	\$311,927	\$1,005,589	Operations	0	0
12-SB-5823-EM/TJ		5	Illinois Bus Facility Cleaning	Time Extension Additional Funds	World Management, Inc.	17%	\$364,352	03/28/17	\$45,544	\$1,001,967	Operations	180	2
12-SB-5832-DAB		6	Central (Main Shop) Industrial Facility Cleaning	Change in Scope	LRL Commercial Cleaning, Inc.	25%	\$429,846	06/13/16	\$25,489	\$999,541	Operations	180	2
12-SB-5823-EM/TJ		4	Illinois Bus Facility Cleaning	Time Extension	World Management, Inc.	17%	\$182,176	12/13/16	\$45,544	\$956,423	Operations	90	1
13-SB-5990-CB		3	Illinois Ground Maintenance & Landscaping Services	Exercise Option Yr 3	Illinois Ground Maintenance & Landscaping Services	15%	\$386,710	05/12/17	\$160,165	\$944,557	Operations	0	0
13-SB-5989-CB		2	Missouri Ground Maintenance & Landscaping Services	Change in Scope	ldeal Landscape Management, Inc.	17%	\$465,948	11/29/16	\$219,519	\$845,777	Operations	0	0
13-SB-5990-CB		2	Illinois Ground Maintenance & Landscaping	Additional Funds Additional Work	ldeal Landscape Management, Inc.	17%	\$386,710	10/12/16	\$265,092	\$784,392	Operations	0	0
16-RFP-102633-CB		1	Track Maintenance Services	Additional Work Additional Funds	Ironhorse, Inc.	0%	\$489,944	04/19/17	\$238,000	\$727,944	Operations	0	0
16-RFP-102886-CG		1	Development and Implementation of Marketing Activities for BSD	Additional Work Additional Funds	Werremeyer, Inc.	0%	\$600,000	04/20/17	\$99,000	\$699,000	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
13-SB-5838-TJ		4	St. Clair Yards & Shop Facility Cleaning	Time Extension	MERS/Goodwill	0%	\$361,947	05/31/17	\$33,000	\$669,245	Operations	180	2
15-RFP-101188-CB	CO1	1	Spruce Street Bridge Replacement - Design & Construction Phase Services	Change in Scope	URS Corporation	22%	\$605,121	08/03/16	\$50,000	\$655,121	MO-95-X266	0	0
14-RFP-100638-SG		3	Passenger Counting & Surveying	Exercise Option Yr 2	Critique Personnel, Inc.	10%	\$165,720	08/23/16	\$230,020	\$650,760	Operations	0	0
16-SB-102785-CB	CO 3	3	Union Station Tunnel Temporary Repairs	Time Extension	L. Keeley Constructions	0%	\$498,110	12/01/16	\$132,360	\$641,267	Operations	60	1
12-SB-5838-EM/TJ		3	St. Clair Yards & Shops Facility Cleaning	Time Extension	MERS Goodwill	0%	\$361,947	03/17/17	\$33,000	\$636,245	Operations	90	1
16-SB-102785-CB	CO 04	4	Union Station Tunnel Temporary Repairs	Change in Scope	L. Keeley Construction	0%	\$498,110	03/17/17	(\$6,785)	\$634,482	Operations	60	1
13-RFP-6019-SS/DR		2	Independent Audit Services Conduct OPEB Trust Research	Additional Work	Crowe Horwath LLP	0%	\$440,681	04/18/17	\$1,300	\$584,527	Operations	0	0
13-RFP-6019-SS/DR		1	Independent Audit Services	Exercise Option Yr 1	Crowe Horwath LLP	0%	\$440,681	01/10/17	\$142,546	\$583,227	Operations	0	0
15-SB-100966-DAB		1	Illinois Bus Cleaning	Exercise Option Yr 1	ISS Facility Services, Inc.	15%	\$362,410	04/03/17	\$181,205	\$543,914	Operations	0	0
14-RFP-99505-DR		1	Voluntary Critical Illness and Accident Insurance Program	Additional Funds	Allstate Benefits	0%	\$492,000	12/12/16	\$28,000	\$520,000	Operations	0	0
16-SB-102785-CB		2	Union Station Tunnel Temporary Repairs	Change in Scope	L. Keeley Construction	0%	\$498,110	11/02/16	\$5,113	\$508,907	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
12-SB-102785-CB		1	Union Station Tunnel Temporary Repairs	Change in Scope Additional Funds	L. Keeley Construction	0%	\$498,110	10/20/16	\$5,684	\$503,794	Operations	0	0
10-SB-5352-DH		1	Smart card branding & Customer Education Services of Automated Fare Collection System	Additional Work Additional Funds	Jones Worley Design, Inc.	10%	\$250,000	11/01/16	\$250,000	\$500,000	SCCTD Prop M	0	0
13-RFP-5992-DR		1	Vision Insurance Services	Exercise Option Yr 1	Eye Med Vision Care	0%	\$375,839	01/03/17	\$124,000	\$499,839	Employee Voluntary	0	0
15-SS-101268-DW		2	JNEM AV/IT Software Production Contract	Time Extension Additional Funds	JNEM AV/IT Software Production Contract	0%	\$497,550	03/27/17	\$1,800	\$499,350	JNEM - OP	90	1
13-RFP-5974-SS/DR		2	Gateway Arch Communication Services	Exercise Option Yr 2	Common Ground Public Relations	0%	\$285,000	04/10/17	\$100,000	\$487,461	Operations	0	0
13-RFP-5991-DR/MD	тоз	5	On-Call Information Technology Consulting Services	Temp to Hire	Randstad Technologies	0%	\$61,360	07/21/16	\$23,750	\$483,950	Operations	0	0
12-SB-5857-EM/TJ		5	Uniform Rental & Cleaning	Additional Funds	G & K Services	10%	\$529,886	09/21/16	\$30,000	\$458,657	Operations	180	2
13-SB-6013-TJ		2	Missouri Yards & Shop Facility Cleaning	Exercise Option Yr 2	World Management	17%	\$111,181	12/28/16	\$111,181	\$444,722	Operations	0	0
16-SB-102506-CG		3	Underground Loop Fire Supression System	Change in Scope	Gateway Fire Protection System Inc.	0%	\$361,237	01/17/17	\$9,757	\$424,314	MO-90X-296	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-SB-102506-CG		2	Underground Loop Fire Suppression System	Change in Scope	Gateway Fire Protection System Inc.	0%	\$361,237	11/30/16	\$36,939	\$414,557	MO-90X-296	0	0
11-SB-5733-DP/DAB		5	Metro's Towing & Wrecker Services	Additional Funds	Mike's Towing and Automotive Specialties, Inc.	0%	\$225,000	09/09/16	\$15,000	\$410,000	Operations	90	1
13-RFP-5961-SG/DR		5	Metro Background Check Contract	Additional Funds	Inquiries, Inc.	0%	\$107,313	10/13/16	\$30,093	\$406,172	Operations	180	2
11-SB-5733-DP/DAB		4	Metro's Towing & Wrecker Services	Time Extension	Mike's Towing and Automotive Specialties, Inc.	0%	\$225,000	08/02/16	\$10,000	\$395,000	Operations	90	1
16-SB-102506-CG		1	Underground Loop Fire Suppression System	Change in Scope	Gateway Fire Protection System Inc.	0%	\$361,237	11/18/16	\$16,381	\$377,618	MO-90X-296	0	0
12-RFP-5791-SG		1	Financial Advisory Services	Time Extension	Columbia Capital Management, LLC	0%	\$283,250	07/18/16	\$75,000	\$363,750	Operations	180	1
16-RFP-101944-VH-MD		1	Gateway Arch Ticketing Software	Change in Scope	Gateway Ticketing Systems	0%	\$219,250	03/13/17	\$84,079	\$303,329	JNEM	0	0
16-RFP-102859-DR		1	Pre-Employment Background Investigation Services Contract	Change in Scope	AccuSource, Inc.	0%	\$300,000	12/13/16	\$0	\$300,000	Operations	0	0
14-RFP-98761-DR		9	Health & Welfare Consultant Services	Additional Funds	Arthur J. Gallagher	0%	\$287,500	08/15/16	\$10,534	\$298,034	Operations	0	0
16-SB-102814-TJ		1	North County Transit Cleaning Center	Exercise Option Yr 1	MERS/Goodwill	0%	\$146,783	06/20/17	\$147,000	\$293,783	Operations	0	0
17-SB-103372-CG		1	Feeder Wire Rehabilitation and Substateion Waterproofing at MO-02	Change in Scope	T.G.B., Inc.	0%	\$288,551	03/01/17	\$4,231	\$292,782	MO-54-0001 Prop M	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
12-RFP-5799-SG		1	Bond Counsel Services	Time Extension	Gilmore & Bell, PC	0%	\$213,000	07/18/16	\$25,000	\$238,000	Operations	180	1
15-RFP-101423-SG		2	Temporary Employee Services for Quality Control Oberservation (Spotter)	Additional Funds	Above All Personnel	0%	\$151,950	06/30/17	\$50,650	\$225,950	Operations	0	0
16-SB-102518-CG		1	Illinois Bus Garage Floor Repair	Additional Work	L. Keeley Construction Company	0%	\$174,455	07/28/16	\$1,796	\$176,251	MO-90-X296 Prop M	0	0
15-RFP-101423-SG		1	Temporary Employee Services for Quality Control Oberservation (Spotter)	Additional Funds	Above All Personnel	0%	\$50,650	01/19/17	\$40,000	\$175,300	Operations	0	0
13-SB-5960-TJ		3	Oil Testing & Analysis	Exercise Option Yr 2	ANA Laboratories, Inc	0%	\$99,128	04/20/17	\$34,543	\$170,175	Operations	0	0
17-SB-103800-CB		NEW	Bulk Salt Storage at Illinois Bus Facility	NEW	Ben Hur Construction	0%	\$151,498	04/24/17	\$0	\$151,498	MO-90-X296	0	0
16-RFQ-101805-DAB		3	Bus and Van Inspection	Additional Funds	First Transit, Inc.	0%	\$68,200	02/27/17	\$1,640	\$149,366	MO-90-X231 Prop M	0	0
16-RFQ-101805-DAB		2	Bus and Van Inspection	Exercise Option Yr 1	First Transit, Inc.	0%	\$81,926	12/01/16	\$65,800	\$147,726	SCCTED MO-90-X231 MO-34-0004 Prop M	0	0
16-SB-102814-TJ		1	North County Transit Cleaning Center	Change in Scope	MERS/Goodwill	13%	\$140,483	04/19/17	\$6,300	\$146,783	Operations	0	0
15-SB-101510-CG		1	Services to Rebuild Alstom Model 5F Switch Machines	Time Extension	Arrowhead Industries LLC	0%	\$140,265	10/03/16	\$0	\$140,265	MO-54-0001 Prop M	180	2
13-SB-5960-TJ		2	Oil Testing & Analysis	Additional Funds	ANA Laboratories, Inc	0%	\$99,128	09/30/16	\$3,462	\$135,632	Operations	0	0

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-SB-102735-CB	CO 4	4	Ewing Backup Generator- Mission Critical Emergency Power	Change in Scope	Streib Electric	0%	\$110,919	11/14/16	\$4,370	\$119,498	MO-90-X296	90	1
16-SB-102735-CB		3	Ewing Backup Generator- Mission Critical Emergency Power	Exercise Option Yr 3	Streib Electric	0%	\$110,919	10/25/16	\$951	\$115,128	MO-90-X296 Prop M	90	1
16-SB-102735-CB		2	Ewing Backup Generator- Mission Critical Emergency Power	Time Extension	Streib Electric	0%	\$110,919	09/15/16	\$0	\$114,177	MO-90-X296	90	1
16-SB-102735-CB		1	Ewing Backup Generator- Mission Critical Emergency Power	Change in Scope	Streib Electric	0%	\$110,919	08/02/16	\$3,258	\$114,177	MO-90-X296	0	0
16-RFP-102703-SG		1	Testing of Fire Protection Systems	Additional Funds	Gateway Fire Protection Systems, Inc.	0%	\$43,732	06/29/17	\$69,513	\$113,297	Operations	0	0
13-SB-5982-TJ		1	ATS Van Cleaning Services	Exercise Option Yr 1	World Management, Inc.	15%	\$62,011	07/05/16	\$34,856	\$104,567	Operations	0	0
16-SS-102186-DW/MD		1	St. Louis Regional Freight District Support	Time Extension	Aegis Strategies, LLC	0%	\$69,500	08/04/16	\$30,500	\$100,000	Operations	180	2



# Prevailing Wage Report Fiscal Year 2017 (4th Quarter) April - June 2017

Project:       12-SB-5786-MM       EADS BRIDGE REHABILITATION FTA Grant No. MO-96-x005; MO-90-x279; M	Project: 12-SB-578	6-MM EADS BRIDGE R	REHABILITATION FTA	Grant No. MO-96-x005. MO	)-90-x279· MO-90-x	281
6362993300 ST. LOUIS BRIDGE COMPANY       Start Date: 03/06/2012 Contract Amount: \$36,326,411.91       End       07/30/2016         65521ANDMARK DRIVE ;       636,274.0802 ATK SAFETY SUPPLY INC       Start Date: 10/05/2012       End Date:       05/25/2013         314-524-6111 B & P Construction, Inc.       Start Date: 10/02/2012       End Date:       09/10/2013         713-721-9350 Era Valitivia Contractors Inc       Start Date: 03/23/2013       End Date:       04/25/2014         314-892-2963 M.T.C. Construction dha K. Bates Steel       Start Date: 09/11/2012       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 07/06/2013       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 07/06/2013       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 07/06/2013       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 07/06/2013       End Date:       01/24/2014	Project Control ID:					
ST. LOUIS BRIDGE COMPANY       Start Date:       With With With With With With With With	Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontract	or Sub Sub S	ib Subcontractor
635 LANDMARK DRIVE ;         635 LANDMARK DRIVE ;         636 - 274-0802         ATK \$APETY \$UPPLY INC         314 - 524 - 6111         B & P Construction, Inc.         314 - 524 - 6111         B & P Construction, Inc.         773 - 721 - 9350         Era Valdivia Contractors Inc         314 - 892 - 2963         M.T.C. Construction dba K. Bates Steel         314 - 723 - 8813         WESTERN WATERPROOFING         314 - 773 - 8813         WESTERN WATERPROOFING         Start Date:       07/06/2013         End Date:       01/24/2014						
ARNOLD , MO 63010       636-274-0802 ATK SAFETY SUPPLY INC       Start Date: 10/05/2012       End Date:       05/25/2013         314-524-6111 B & P Construction, Inc.       Start Date: 10/02/2012       End Date:       09/10/2013         773-721-9350 Era Vakiivia Contractors Inc       Start Date: 03/23/2013       End Date:       04/25/2014         314-892-2963 M.T.C. Construction dba K. Bates Steel       Start Date: 09/11/2012       End Date:       11/14/2014         6364753500 THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         314-773-8813 WESTERN WATERPROOFING       Start Date: 07/06/2013       End Date:       01/24/2014         618-398-7575       Start Date: 07/06/2013       End Date:       01/24/2014	ST. LOUIS BRIDGE COM	PANY			End 07/30/2016	
ATK SAFETY SUPPLY INCStart Date: 10/05/2012End Date:05/25/2013314-524-6111 B & P Construction, Inc.Start Date: 10/02/2012End Date:09/10/2013773-721-9350 Era Valdivia Contractors IncStart Date: 03/23/2013End Date:04/25/2014314-892-2963 M.T.C. Construction dba K. Bates SteelStart Date: 09/11/2012End Date:11/14/20146364753500 THOMAS INDUSTRIAL COATINGS, INC.Start Date: 08/19/2012End Date:11/14/2014314-773-8813 WESTERN WATERPROOFINGStart Date: 07/06/2013End Date:01/24/2014618-398-7575Start Date: 07/06/2013End Date:01/24/2014						
314-524-6111 B & P Construction, Inc.Start Date: 10/02/2012End Date:09/10/2013773-721-9350 Era Valdivia Contractors IncStart Date: 03/23/2013End Date:04/25/2014314-892-2963 M.T.C. Construction dba K. Bates SteelStart Date: 09/11/2012End Date:11/14/20146364753500 THOMAS INDUSTRIAL COATINGS, INC.Start Date: 08/19/2012End Date:11/14/2014314-773-8813 WESTERN WATERPROOFINGStart Date: 07/06/2013End Date:01/24/2014618-398-7575Start Date: 07/06/2013End Date:01/24/2014			C	Start Data: 10/05/2012	End Data:	05/25/2012
B & P Construction, Inc.       Start Date: 10/02/2012       End Date:       09/10/2013         773-721-9350       start Date: 03/23/2013       End Date:       04/25/2014         314-892-2963       start Date: 09/11/2012       End Date:       11/14/2014         6364753500       start Date: 09/11/2012       End Date:       11/14/2014         6364753500       start Date: 08/19/2012       End Date:       11/14/2014         6364753500       start Date: 08/19/2012       End Date:       11/14/2014         6364753500       start Date: 08/19/2012       End Date:       01/24/2014         6364753500       start Date: 08/19/2012       End Date:       01/24/2014         6364753500       start Date: 07/06/2013       End Date:       01/24/2014         618-398-7575       End Date:       01/24/2014       End Date:       01/24/2014		AIR SAFETT SUFFET IN		Start Date. 10/05/2012	End Date.	05/25/2015
773-721-9350       Era Valdivia Contractors Inc       Start Date: 03/23/2013       End Date:       04/25/2014         314-892-2963       M.T.C. Construction dba K. Bates Steel       Start Date: 09/11/2012       End Date:       11/14/2014         6364753500       THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         314-773-8813       WESTERN WATERPROOFING       Start Date: 07/06/2013       End Date:       01/24/2014         618-398-7575       G18-398-7575       G18-398-7575       G18-398-7575       G18-398-7575       G18-398-7575		314-524-6111				
Era Valdivia Contractors IncStart Date: 03/23/2013End Date:04/25/2014314-892-2963 M.T.C. Construction dba K. Bates SteelStart Date: 09/11/2012End Date:11/14/20146364753500 THOMAS INDUSTRIAL COATINGS, INC.Start Date: 08/19/2012End Date:11/14/2014314-773-8813 WESTERN WATERPROOFINGStart Date: 07/06/2013End Date:01/24/2014618-398-7575Start Date: 07/06/2013End Date:VV		B & P Construction, Inc.		Start Date: 10/02/2012	End Date:	09/10/2013
314-892-2963 M.T.C. Construction dba K. Bates SteelStart Date: 09/11/2012End Date:11/14/20146364753500 THOMAS INDUSTRIAL COATINGS, INC.Start Date: 08/19/2012End Date:11/14/2014314-773-8813 WESTERN WATERPROOFINGStart Date: 07/06/2013End Date:01/24/2014618-398-7575		773-721-9350				
M.T.C. Construction dba K. Bates SteelStart Date: 09/11/2012End Date:11/14/20146364753500 THOMAS INDUSTRIAL COATINGS, INC.Start Date: 08/19/2012End Date:11/14/2014314-773-8813 WESTERN WATERPROOFINGStart Date: 07/06/2013End Date:01/24/2014618-398-7575Start Date: 07/06/2013Start Date:01/24/2014				Start Date: 03/23/2013	End Date:	04/25/2014
M.T.C. Construction dba K. Bates Steel Start Date: 09/11/2012 End Date: 11/14/2014 6364753500 THOMAS INDUSTRIAL COATINGS, INC. Start Date: 08/19/2012 End Date: 11/14/2014 314-773-8813 WESTERN WATERPROOFING Start Date: 07/06/2013 End Date: 01/24/2014 618-398-7575		214 802 2062				
THOMAS INDUSTRIAL COATINGS, INC.       Start Date:       08/19/2012       End Date:       11/14/2014         314-773-8813       western waterproofing       Start Date:       07/06/2013       End Date:       01/24/2014         618-398-7575       start Date:       07/06/2013       Start Date:       01/24/2014			Bates Steel	Start Date: 09/11/2012	End Date:	11/14/2014
THOMAS INDUSTRIAL COATINGS, INC.       Start Date: 08/19/2012       End Date:       11/14/2014         314-773-8813       western waterproofing       Start Date: 07/06/2013       End Date:       01/24/2014         618-398-7575						
WESTERN WATERPROOFING Start Date: 07/06/2013 End Date: 01/24/2014 618-398-7575			OATINGS, INC.	Start Date: 08/19/2012	End Date:	11/14/2014
WESTERN WATERPROOFING Start Date: 07/06/2013 End Date: 01/24/2014 618-398-7575						
618-398-7575				0 D	E ID .	01/04/0014
		WESTERN WATERPROOF	FING	Start Date: 07/06/2013	End Date:	01/24/2014
Wissehr Electrical ContractorStart Date: 09/09/2012End Date: 11/14/2014		618-398-7575				
		Wissehr Electrical Contracto	r	Start Date: 09/09/2012	End Date:	11/14/2014

-	065-CB EWING YARD F				5-0028, MO-54-001, MO-90-x296	
Project Control ID:	Subcontractor	Sub Subcontractor	iring Goal a Requirement		ib Subcontractor	
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Su	in Subcontractor	
ST. LOUIS BRIDGE COMPA	NY	Start Date: 08/02/2 Contract Amount: \$4,142		d <b>12/02/2016</b>		
655 LANDMARK DRIVE , ARNOLD , MO 63010						
	6362716300 Arrow Drilling	Contr	Start Date: 04/06/2016 ract Amount: \$0.00	End Date:	04/14/2016	
	314-524-6111 B & P Construction, Inc.		Start Date: 08/11/2016			
	6369378300 D & S FENCING CO INC		Start Date: 11/20/2015			
	573-339-0675 Gerdan Slipforming		Start Date: 09/26/2016	End Date:	09/29/2016	
	314-892-2963 M.T.C. Construction dba K. B	ates Steel	Start Date: 04/19/2016			
	573-635-6300 Schrimpf Landscaping		Start Date: 05/09/2016			
	3147278280 St. Louis Paving Inc.		Start Date: 10/10/2016	End Date:	10/11/2016	
<b>Project:</b> 15-SB-1008	42-CB NORTH COUNT	TRANSFER CENTER - P	HASE 1 FTA Grant No. 1	MO-90-x296, MO-9	95-x015	
Project Control ID:			iring Goal a Requirement			
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Su	ib Subcontractor	
3146642900 C. RALLO CONTRACTING	CO., INC.	Start Date: <b>01/05</b> /2 Contract Amount: <b>\$5,085</b>		d 07/30/2016		
5000 Kemper, St. Louis, MO 63139						
	3149913255 AALCO ENTERPRISES, INC		Start Date: 03/11/2015			

6366779190 ACCURATE FIRE PROTECTION SYSTEMS, LLC.	Start Date: 03/31/2015	
6306081200 AQUA PAVING CONSTRUCTION CO.	Start Date: 02/10/2016	
314-785-0078 BRK ELECTRICAL CONTRACTORS, LLC.	Start Date: 01/27/2015	
3147070232 BRYDIE CONSTRUCTION	Start Date: 12/14/2015	
3142090935 CCR, INC.	Start Date: 09/01/2015	
3143495801 DH & A SHEET METAL	Start Date: 10/15/2015	
6363495801 DH&A Sheet Metal	Start Date: 09/01/2015	
3143301839 GATEWAY CONSTRUCTION SERVICES, INC.	Start Date: 02/06/2015	
3142317799 GEORGE WEIS COMPANY	Start Date: 03/11/2015	
3143530104 J. W. BOMMARITO CONSTRUCTION	Start Date: 02/01/2015	
3145352222 KAEMMERLEN FACILITY SOLUTIONS	Start Date: 05/01/2015	
3145206844 KSG ENTERPRISES	Start Date: 02/01/2015	
6363321099 Mar-II Concrete Co.	Start Date: 09/01/2015	
6363985255 Select Steel Services, Inc		Start Date: 09/01/2015
6362191860 NIGEL'S FLOORING, LLC	Start Date: 06/01/2015	

	6363871888						
	NOR-VEL GRADING & EX	<b>CAVATING</b>	Start Date: 02/01/2015				
	6963985255 SELECT STEEL SERVICES	S, INC.	Start Date: 08/01/2015				
	6363988038 Select Steel Services		Start Date: 08/01/2015				
	6362966667 SHERRELL CONSTRUCTI	ON	Start Date: 11/18/2015				
	6036214090 SPAN SYSTEMS, INC. 636332889 ST. CHARLES GLASS & GLAZING 343672181 TJ PLUMBING CO., INC.		Start Date: 04/01/2015	End Date:	05/31/2015		
			Start Date: 10/22/2015				
			Start Date: 03/01/2015				
	6364332033 WARREN COUNTY ELEC	TRIC	Start Date: 02/05/2015				
<b>Project:</b> 15-SB-1016	557-DGR MISSOURI RA	ADIO SYSTEM TOWER S	SITE UPGRADES - FTA G	rant No. MO-90-x23	L		
Project Control ID:		Is Community	Hiring Goal a Requirem	ent: No			
rime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontracto	or Sub Sub Su	ib Subcontractor		
8478417724 IHC Construction Companies,	, LLC	Start Date: 07/2 Contract Amount: \$1,8		End <b>08/30/2016</b>			
1500 Executive Drive , Elgin , IL 60123							
	314-496-2409 Above All Tower Climbing	C	Contract ID: <b>15810-202</b> Start Date: <b>06/21/2016</b> ontract Amount: <b>\$48,000.00</b>	End Date:	07/03/2016		
	3148698000 COLLINS & HERMANN	C	Contract ID: <b>15810-205</b> Start Date: <b>08/03/2016</b> ontract Amount: <b>\$16,000.00</b>	End Date:	09/30/2016		
	3147812400 RJP Electric, LLC	C	Contract ID: <b>15180-203</b> Start Date: <b>08/26/2015</b> ontract Amount: <b>\$190,000.00</b>	End Date:	04/01/2016		

<b>Project:</b> 16-SB-10184	46-DGR SPRUCE STRE	ET BRIDGE REPLACEM	ENT FTA Grant No. M	0-95-x2	-x266
Project Control ID:		Is Community	Hiring Goal a Require	ment: 1	t: No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontra	ctor	Sub Sub Subcontractor
6362962012 KOZENY WAGNER		Start Date: 10/2 Contract Amount: \$5,2		End	09/30/2016
951 WEST OUTER ROAD , ARNOLD , MO 63010					
	3148698000 COLLINS & HERMANN		Start Date: 10/13/2015	;	
	6369378300 D & S FENCING CO INC		Start Date: 10/20/2015	;	
	3144325400 Metron Surveying & Layout	Co.	Start Date: 10/13/2015	;	
	573-893-2335 Meyer Electric Company, Inc		Start Date: 10/01/2015	;	
	4178646000 Palmerton & Parrish, Inc.		Start Date: 10/13/2015	;	
	3148921600 R. V. WAGNER		Start Date: 04/05/2016	i	
	LC9658874 RODEN'S LANDSCAPING,	INC.	Start Date: 04/05/2016	i	
	6363051877 Safway Services LLC		Start Date: 11/02/2015	;	
	7037420020 Schnabel Foundation Compar	ıy	Start Date: 10/27/2015	;	
	6364753500 THOMAS INDUSTRIAL CO	DATINGS, INC.	Start Date: 02/01/2016	i	
	6362257800 Traffic Control Company		Start Date: 03/22/2016	i	
	636-255-0808 TRAMAR CONTRACTING	INC.	Start Date: 10/06/2015	;	

	6189652222 UNITED IRONWORKERS, IN	с	Start Date: 01/15/2016			
	3147310800 X-L CONTRACTING, INC.		Start Date: 10/06/2015			
Project: 16-SB-10199 Project Control ID:	93-CB JNEM ARCH TRAI		MOTOR-GENERATOR SE		NT	
-						
Prime Contractor	Subcontractor S	ub Subcontractor	Sub Sub Subcontractor	Sub Sub Su	b Subcontractor	
3148902351 THE HARLAN COMPANY		Start Date: 11/12/2 Contract Amount: \$5,002		05/31/2017		
1515 PAGE INDUSTRIAL BL ST. LOUIS , MO 63132	VD. ,					
	6363431211					
	Aschinger Electric	Contr	Start Date: <b>01/04/2016</b> ract Amount: <b>\$0.00</b>	End Date:	03/31/2017	
	6182542323					
	Fire Safety Inc.	Contr	Start Date: 08/01/2016 ract Amount: \$0.00	End Date:	03/31/2017	
	2704430680					
	Global Gear & Machine Co., Inc		Start Date: 11/30/2016 ract Amount: \$170,652.00	End Date:	01/31/2017	
	6366802178					
	Integrated Facility Services, Inc.		Start Date: 02/08/2016 ract Amount: \$0.00	End Date:	03/31/2017	
	6369389813					
	Meyer Painting Company	Contr	Start Date: 03/09/2016 ract Amount: \$0.00	End Date:	03/31/2017	
	6189310729					
	Platinum Scaffolding	Contr	Start Date: 11/23/2015 ract Amount: \$22,192.00	End Date:	02/29/2016	
	000821-200010765					

	Professional Environmental E		Start Date: 12/17/2015				
	3142802800	C	Contract Amount: <b>\$30,507.00</b>				
	St. Louis Steel		Start Date: 01/04/2016	End Date:	07/31/2016		
	3143681714 X-Cell Electric		Start Date: 01/04/2016	End Data	03/31/2017		
	A-Cell Electric	C	Contract Amount: <b>\$0.00</b>	End Date.	05/51/2017		
Project: 16-SB-1023	60-CB METRO DOWNT	TOWN TRANSIT CENTE	ER - FTA GRANT NO# MO	-04-0013; MO-90-Σ	X296; MO-95-X261		
Project Control ID:		Is Communit	y Hiring Goal a Requireme	ent: No			
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontracto	or Sub Sub S	Sub Subcontractor		
3148948888							
CI Construction		Start Date: 04/	/ <b>13/2016</b> E	nd 07/31/2017			
		Contract Amount: \$7,					
0315 Lake Bluff Drive , t. Louis , MO 63123							
	314.535.6063						
	Acme Glass		Start Date: 02/15/2017				
	6369490605						
	ACOUSTICAL CEILINGS I	NC	Start Date: 05/01/2017				
	214776606						
	3147766686 Allied Waterproofing Compar	ny. Inc.	Start Date: 03/01/2017				
	and provide comparison of the second	<u>, , , , , , , , , , , , , , , , , , , </u>					
	(2)( 027 7500						
	636-937-7500 Blakely Sheet Metal, LLC		Start Date: 02/01/2017				
	Linkery Sheer Hetal, ELC		Start Date: 02/01/2017				
	314-741-1637 Control Line, Inc.		Start Date: 07/01/2017				
	control Line, Inc.		Start Date. 0//01/201/				
	636 343 5760						
	636-343-5769 CR Painting and More, Inc		Start Date: 06/15/2017				
	g and more, me		Start Date: 00/15/2017				
	3144862038 D&L Painting and Drywall, L	IC	Start Date: 03/01/2017				
	Date Functing and Drywall, E		Start Date. 03/01/2017				
	3142003550		Read Data OF 14 FIG01 -				
	Enterprise Industrial Construct		Start Date: 07/15/2016				
	314-329-9300						
	Flooring Systems		Start Date: 06/01/2017				
	314-892-7622						

Gateway Fire Protection Systems, Inc	Start Date: 05/01/2017
3149977440	
GEOTECHNOLOGY, INC.	Start Date: 06/01/2016
deoreennoedor, me.	Statt Date. 00/01/2010
3145346664	
ICS CONSTRUCTION SERVICES	Start Date: 06/01/2017
314-658-5203 Kommanlar Electric Commany	Start D. ( 0.1/05/0017
Kaemmerlen Electric Company	Start Date: 04/25/2016
3148723400	
KMEIER Roof Systems, Inc	Start Date: 01/02/2017
618-277-4280 MAYER LANDSCPAING INC	
MATER LANDSCRAING INC	Start Date: 06/01/2016
3148431000	
Merlo Plumbing Co Inc	Start Date: 09/19/2016
21 (2019000	
3143618090 MISSOURI TERRAZZO	Start Date: 12/01/2016
MISSOURI ILKKALLO	Statt Date. 12/01/2010
8477053863	
Penn Services LLC	Start Date: 11/01/2016
6363494990	
RF MEEH CO	Start Date: 04/15/2017
3146441666 Saally: Waterman Sing	Sund D. (1) 11/00/0016
Scally Waterproofing	Start Date: 11/20/2016
5733925554	

5733925554 SURECUT LAWNCARE LLC

3147310800 X-L CONTRACTING, INC.

Start Date: 07/01/2016

Start Date: 03/01/2017

Project Control ID:		Is Community	Hiring Goal a Requirement:	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
314-892-7622				
Gateway Fire Protection Syst	ems, Inc	Start Date: 06/0 Contract Amount: \$361		09/05/2016
1862 Borman Court , St Louis , MO 63146				
Project: 16-SB-102	735-CB EWING BACK	UP GENERATOR FTA Gra	nt No MO-90-x296	
Project Control ID:		Is Community	Hiring Goal a Requirement:	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3144877474				
STREIB ELECTRIC COMP.	ANY	Start Date: 04/0 Contract Amount: \$110		08/02/2016
9225 watson industrial park st. louis , Missouri 63126				
Project: 16-SB-102	785-CB UNION STAT	ON TEMPORARY REPAIRS	S (OPERATIONAL FUNDED)	
Project Control ID:		Is Community	Hiring Goal a Requirement:	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3144215933				
L. Keeley		Start Date: 06/0 Contract Amount: \$498		11/25/2016
2901 Falling Springs Road,				

Project Control ID:		Is Communit	y Hiring Goal a Requirement:	No
	California at an			
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3142182120	_			
BEN HUR CONSTRUCTION	4	Start Date: 10 Contract Amount: \$7		12/31/2016
3783 RIDER TRAIL SOUTH EARTH CITY , MO 63045	,			
	314-522-9400			
	All American Painting Co	ompany	Start Date: 11/14/2016	
	3147-785-0078			
	BRK ELECTRICAL CO	NTRACTORS, LLC	Start Date: 11/03/2016	
	636-220-8599			
	Engineered Fire Protection	on, Inc.	Start Date: 11/14/2016	
	MCC-X0027			
	MCC-X0027 Haberberger, Inc.		Start Date: 11/03/2016	
	6369490179 JDS Masonry INC		Start Date: 11/03/2016	
	JDG WIASOILLY LIVE		Start Date. 11/03/2010	
<b>Project:</b> 17-SB-1033	72-CG FEEDER WIR	RE REHABILITATION AND	SUBSTATION AT MO-02 FT.	A GRANT MO-54-0001, PROP M
Project Control ID:		Is Communit	y Hiring Goal a Requirement:	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3146644444				
TGB, INC.		Start Date: 10	/01/2016 End Date:	06/01/2017
1104 S. JEFFERSON,				
ST. LOUIS, MO 63104				

<b>Project:</b> 17-SB-103	543-CB, CHESTERFIE	ELD ADA BUS STOPS - PHA	ASE I (OPERATIO	NAL)	
Project Control ID:		Is Community	Hiring Goal a Re	equirement: 1	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subc	ontractor	Sub Sub Sub Subcontractor
3148921600 R. V. WAGNER		Start Date: 11/ Contract Amount: \$73		End	12/31/2016
4712 GREEN PARK ROAD ST. LOUIS , MO 63123	•				
Monday April 17 201	7	I Obtrocker O	ontractor Assignme	ont Summary	Report
Monday, April 17, 201	/ 	LUPITACKET - Co	ontractor Assignme	an Summary I	ixeport
Project: 17-RFQ-10	4190-MD PLUMBING	WORK FOR PIPE LINE AT	T METROLINK MO	O-12 FTA GI	RANT MO-05-0028 AND PROP M
Project Control ID:		Is Community	Hiring Goal a Re	equirement: 1	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subc	ontractor	Sub Sub Sub Subcontractor
3148563262 Nu Flow of St. Louis		Start Date: 061	12/2017	End	07/12/2017
Nu Flow of St. Louis		Start Date: 06/		End Date:	07/12/2017
		Contract Amount: \$38	3,680.00		
11134D Lindbergh Business St. Louis, MO 63123	Court ,				
Project: 17-RFQ-10	4461-DW INSTALLA	TION OF BRAKE TESTER I	FTA GRANT MO-9	90-X296 ANI	O PROP M
Project Control ID:		Is Community	Hiring Goal a Re	equirement: 1	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subc	ontractor	Sub Sub Sub Subcontractor
3144017497					
Alfred F. Mullen Concrete Co	ontr Co. Inc.	Start Date: 06/	01/2017	End Date:	09/01/2017
		Contract Amount: \$99	9,416.00		
222 Sugar Creek Ridge , St. Louis , MO 63122					
Project: 17-SB-103	372-CG FEEDER WIR	E REHABILITATION AND	SUBSTATION AT	MO-02 FTA	GRANT MO-54-0001, PROP M
Project Control ID:		Is Community	Hiring Goal a Re	equirement: 1	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subc	ontractor	Sub Sub Sub Subcontractor

3146644444 TGB, INC.		Start Date: 10/0	1/2016	End	06/01/2017
1104 S. JEFFERSON , ST. LOUIS , MO 63104					
	3148698000 COLLINS & HERMANN		Start Date: 02/21/201	7	
	3146441666 Scally Waterproofing		Start Date: 11/17/201	6	
<b>Project:</b> 17- <b>SB</b> -1034	54-CB ELEVATOR RE	HAB - 8 UNITS - MO FTA	GRANTS MO-05-0028	s, MO-54	4-0001 AND PROP M
Project Control ID:		Is Community	Hiring Goal a Require	ement: N	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontra	ictor	Sub Sub Subcontractor
3148902351 THE HARLAN COMPANY		Start Date: <b>05/2</b> Contract Amount: <b>\$2,1</b>		End Date:	07/31/2018
1515 PAGE INDUSTRIAL B ST. LOUIS , MO 63132	LVD.,				
<b>Project:</b> 17-SB-1041	45-CG CONCRETE SL	AB REPAIR - METRO ILL	INOIS BUS FACILITY	FTA G	RANT MO-90-X296 AND SCCTD
Project Control ID:		Is Community	Hiring Goal a Require	ement: N	No
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontra	ictor	Sub Sub Subcontractor
6183985556 HANK'S EXCAVATING & L	ANDSCAPING INC.	Start Date: <b>05/2</b> Contract Amount: <b>\$115</b>		End Date:	08/11/2017
5825 WEST STATE ROUTE BELLEVILLE , IL 62223	161 ,				

Project: 17-SB-1041	49-DR - BOYLE - CEI	NTRAL WEST END METRO	DLINK STATION - FACILITIE	S FTA GRANT MO-79-X004 AND CORTEX					
Project Control ID:	ject Control ID: Is Community Hiring Goal a Requirement: No								
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Subcontractor					
3144215933 L. Keeley		Start Date: <b>06/2</b> Contract Amount: <b>\$6,4</b>	Date:	10/31/2018					
2901 Falling Springs Road , Sauget , IL 62206									
<b>Project:</b> 17- <b>SB</b> -1042	265-CB SAW CUT AN	ND FILL BUS HYDRAULIC	LIFTS FTA GRANT MO-90-2	X296 AND PROP M					
Project Control ID:		Is Community	Hiring Goal a Requirement:	No					
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Subcontractor					
3144215933 L. Keeley		Start Date: 06/2 Contract Amount: \$26	Date:	10/03/2017					
2901 Falling Springs Road, Sauget, IL 62206									

#### PROCUREMENT CARD PROGRAM ADMINSTRATIVE REVIEW STATICS JULY 1, 2017 - JUNE 30, 2017

	1ST QUARTER FY17		2nd QUAR	TER FY17	3rd QUAR	TER FY17	4th QUAR	TER FY17	FY2017 Y	TD TOTAL
	TRANSACTION COUNT	TRANSACTION AMOUNT								
TOTAL TRANSACTIONS	4584	\$ 1,599,513	3888	\$1,398,798	4317	\$1,580,262	4635	\$1,737,146	17424	\$ 6,315,719
TRANSACTIONS REVIEWED	4584	\$ 1,599,513	3888	\$1,398,798	4317	\$1,580,262	4635	\$1,737,146	17424	\$ 6,315,719
PERCENTAGE REVIEWED	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TRANSACTIONS INVESTIGATED	19	\$ 20,237	13	\$ 22,495	3	\$3,770	5	\$ 9,376.44	40	\$ 55,878
PERCENTAGE OF TOTAL INVESTIGATED	0.4%	1.3%	0.3%	1.6%	0.1%	0.2%	0.1%	0.5%	0.2%	0.9%
CONFIRMED PROCEDURAL VIOLATIONS	0 TRANS 0 INCIDENTS	\$-	2 TRANS 1 INCIDENTS	\$ 4,079	0 TRANS 0 INCIDENTS	\$-	2 TRANS 1 INCIDENTS	\$ 3,420	4 TRANS 2 INCIDENTS	\$ 7,500
CONFIRMED VIOLATION PERCENTAGE OF	0.0%	0.0%	0.0%	0.3%	0.0%	0.0%	0.0%	0.2%	0.0%	0.1%
TRANSACTIONS WITH SALES TAX	33	\$ 4,221	38	\$ 9,956	50	\$ 18,118	55	\$ 14,319	176	\$ 46,614
SALES TAX CHARGED	33	\$ 222	38	\$ 552	50	\$ 720	55	\$ 891	33	\$ 2,385
PERCENTAGE OF TOTAL TRANSACTIONS WITH SALES TAX	0.7%	0.3%	1.0%	0.7%	1.2%	1.1%	1.2%	0.8%	1.0%	0.7%
REFUNDED SALES TAX	8	\$ 116	9	\$ 407	5	\$351	8	\$ 154	30	\$ 1,028

From:	Charles A. Stewart, Jr.
	Vice President, Pension and Insurance
Subject:	FY 18 Risk Management Insurance Program Update
<b>Disposition:</b>	Information
Presentation:	Kathy Brittin, Director of Risk Management, Safety & Claims

#### **Objective:**

To inform and update the Audit, Finance & Administration Committee on the FY2018 Risk Management Insurance Program.

#### **Board Policy:**

*Board Policy Chapter 30.060 Risk Management – Self-Insurance*. Risk exposures above the self-insured retention will be covered by excess insurance if such excess insurance is available and affordable.

*Board Policy Chapter 30.060 Risk Management – Authority and Responsibility.* The Director of Risk Management is responsible for recommending the overall direction of the Agency's Risk Management Program as specified in the Agency's Management Policies & Procedures.

*Board Policy Chapter 30.060 Risk Management – Insurance.* Primary property and liability insurance will be purchased for unique or special risks of loss, for major construction projects, and when required by law or by contract. A Broker of Record will perform the insurance marketing function under the direction of the Director of Risk Management.

#### **Funding Source:**

Risk Insurance Program is funded through the operating budget.

#### **Background:**

Since 1978, Bi-State Development (**BSD**) has self-insured a substantial portion of the risk of its transit operations, including: vehicle liability, rail liability, general liability and workers' compensation. Excess insurance coverage is purchased for all insured and self-insured risk exposures. Property insurance is purchased for its buildings, physical assets and rolling stock. Primary liability insurance is purchased for the Airport, the Arch Tram operations and the Riverboats.

The Risk Management Department is responsible for the design, implementation and monitoring of the self-insurance and insurance programs. BSD currently has a contract with an insurance consultant (Broker of Record), McGriff, Seibels & Williams of Missouri, Inc., to provide insurance marketing services, loss control consulting and risk financing recommendations. This briefing provides an overview of the FY2018 Insurance Program.

Audit, Finance & Administration Committee Update on Risk Management Insurance Program August 25, 2017 Page 2

#### Analysis:

Insurance Program - BSD annually reviews and renews coverage on July 1 of each fiscal year. In consultation with the broker, we selectively market some lines and renew others – depending on market conditions and changes in operating exposures. For FY2018, the following improvements were achieved:

- The property insurance was marketed and placed in a layered program with Lloyds of London as the primary insurance carrier. The terms and conditions of the coverage are comparable to the expiring program with the exception that the flood and earthquake deductibles were lowered from \$250,000 to \$100,000, and \$1,000,000 to \$250,000 respectively. This achieved a 14% savings over the expiring policy.
- The excess workers' compensation (WC) insurance which is excess over the \$1,000,000 self-insured limit was marketed and placed with a new insurance carrier, Arch Insurance. The payroll exposure increased 1.5% and the premium decreased by 8%.
- Due to last year's insurance carrier no longer writing excess liability for public entities, the lead policy was placed with Argonaut Insurance. The overall savings for the excess liability program was 6%.
- The Riverboat's marine insurance program was also marketed and resulted in a change in insurance carriers to Endurance Insurance Co. Premium remained the same.
- Overall the insurance program was renewed with comparable coverage terms and conditions. The premium savings of \$302,771, a 10% reduction in premium over last year, can be attributed to Risk Management initiatives and marketing efforts of the new insurance broker, McGriff, Seibels & Williams.

#### **Committee Action Requested:**

None - for informational purposes only.

#### Attachment:

• Premium Comparison

Attachment 1

### Bi-State Development 7/1/17 to 7/1/18 Insurance Program

	Expiring Rating	Expiring	Limits of Liability	Renewal
Coverage	Basis/Exposure	Premium	Values	Premium
Property/Boiler		AIG		London
Values at Risk		\$1,444,280	\$1,285,365,004	\$1,236,495
Excess Breakdown Coverage			(C N A)	\$23,000
Terrorism		\$86,720		\$56,000
Property Total		\$1,531,000		\$1,315,495
Crime		Hartford		Hartford
Limit of Liability	\$2,500,000	\$16,098	\$2,500,000	\$17,341
Cyber Liability		XL Catlin		XL Catlin
Limit of Liability	With Sublimits	\$81,828	With Sublimits	\$70,189
Package		Hartford		Hartford
Hartford Package		\$44,990		\$41,321
Liquor Liability		Scottsdale		Scottsdale
Limit	\$1,000,000	\$1,687	\$1,000,000	\$1,687
Excess Coverage		Navigators		Navigators
Excess coverage/Navigators		\$21,601		\$21,600
Excess Workers' Compensation		Safety National		Arch Insurance
Total Estimated Payroll	\$121,031,262	\$231,170	\$122,753,857	\$212,610
Excess Liability		Scottsdale (lead)		Argonaut (lead)
Primary Layer	\$10MM xs \$5MM SIR	\$401,793	\$10MM xs \$5MM SIR	\$386,264
1st Excess Layer	\$10MM xs \$15MM	\$183,820	\$10MM xs \$15MM	\$158,613
2nd Excess Layer	\$25MM xs \$25MM	\$182,500	\$25MM xs \$25MM	\$168,424
3rd Excess Layer (50/50)	\$20MM xs \$50MM	\$101,500	\$20MM xs \$50MM	\$102,000
Excess Total	+========	\$869,613	+= 3	\$815,301

### Bi-State Development 7/1/17 to 7/1/18 Insurance Program

Coverage	Expiring Rating Basis/Exposure	Expiring Premium	Limits of Liability Values	Renewal Premium
Aviation Liability		Starr		Starr
Aviation Liability	\$50,000,000	\$15,973	\$50,000,000	\$15,973
Aviation Workers Comp Aviation Workers Comp	\$632,623	<b>Starr</b> \$43,770	\$656,275	<mark>Starr</mark> \$44,037
Marine Program		Great American		Endurance
Primary Liability		\$66,831		\$41,041
Marine General Liability		not included		\$10,277
Excess Layers		\$58,500		\$57,062
Environmental		\$3,341		\$3,341
USL&H		included <b>\$128,672</b>		\$16,456 <b>\$128,177</b>
July 1, 2017 Renewal Total		\$2,986,402		\$2,683,731

From:	Charles A. Stewart, Jr., Vice President, Pension & Insurance						
Subject:	Pension Plans, 401(k) Retirement Savings Program and OPEB Trust						
	Investment Performance Update as of June 30, 2017						
<b>Disposition:</b>	Information						
Presentation	Charles A. Stewart, Jr., Vice President, Pension & Insurance						

#### **Objective:**

To present the Audit, Finance and Administration Committee the Pension Plans, 401(k) Retirement Savings Program and OPEB Trust Investment Performance Update as of June 30, 2017.

#### **Board Policy:**

*Board Policy, Section 70.050, Employee's Pension and 40l(k) Retirement Savings Plan* states (in part) that:

A. <u>General.</u> The Bi-State Development Agency (**BSD**) sponsors three defined benefit pension plans and one defined contribution plan for employees of the Agency. It is the responsibility of the Board of Commissioners to:

2. Oversee the funded status of the Plans

3. Oversee Trustee Administration

#### Funding Source:

No funding request is made for this matter. The pension plans and 401(k) retirement savings programs are funded by employer and employee contributions. The OPEB Trust is funded in the budget.

#### **Background:**

Year-to-Date June 30, 2017, Pension Plans, 401(k) Retirement Savings Program and OPEB Investment Performance Reports were presented to the respective trustees by Ellwood Associates at the August 2017 trustee meetings.

#### Analysis:

#### Metro St. Louis Retirement Savings Program

- Total 401(k) Program assets are \$49.4M as of the end of the second quarter 2017.
- Participant contributions into the Plan have been consistent throughout all market environments. During calendar year 2016, the Plan saw \$4.0M in new participant contributions. The pacing during the first half of 2017 was in line with last year's contribution rate, as inflows were approximately \$2.2M.

Audit, Finance & Administration Committee Pension Plan and 401k Retirement Savings Program Investment Performance Update as of June 30, 2017 August 25, 2017 Page 2

- Allocations to individual funds and asset types remain relatively unchanged from the beginning of the year. The Vanguard Index Fund remains the most popular investment option among participants with \$9.6M in participant money or 21% of total assets. The T. Rowe Price Stable Value Fund (13%) and Dodge & Cox Balanced Fund (15%) both also have significant participation from employees. The new fixed income manager, MetWest Total Return, has seen positive inflows and current participant exposure of about \$200k.
- The T. Rowe Price Lifecycle Funds continue to grow in popularity. Nearly 28% of participant's money is now held in these funds.

#### Salaried Pension Plan

- As of June 30, Total Plan assets were \$63.4M. After falling to \$33.4M during 2008, assets have now steadily grown to new highs, increasing by \$30M since the depths of the financial crisis.
- Cash flows are positive for the first six months of the year. A total of \$5.9M of new contributions was offset by outflows of \$2.4M. In addition, the Plan's strong investment performance boosted market values by \$4.1M.
- The Portfolio gained 3.5% during the second quarter, which brought the calendar year 2017 returns to 7.7%. Since inception dating back to 1988, the Total Portfolio has gained 7.6% outpacing its benchmark by 40 basis points. The Portfolio has also outperformed its current actuarial return target of 7.0%.
- Program investment managers are performing in line with Ellwood's expectations. Asset allocation remains within target guidelines no recommendations for rebalancing were required at this time.

#### **IBEW Pension Trust – Local 2 and Local 309**

- As of June 30, Plan assets are now \$4.7M, gaining approximately \$400k since the beginning of the calendar year. Total Portfolio Market values have steadily increased over the past 7 years in 2008 the market value fell to \$1.1M, but has quadrupled since reaching the market bottom. The growth in assets has been the result of strong investment performance as well as the Plan's positive net cash flow over the past several years.
- The Portfolio has performed well in 2017 calendar year to date, gaining 8.2%. The IBEW Pension Trust has strong long-term performance gaining +5.4% and +8.6% over the trailing 3- and 5-year periods, respectively. Since inception the Plan has gained 6.2%.

Audit, Finance & Administration Committee Pension Plan and 401k Retirement Savings Program Investment Performance Update as of June 30, 2017 August 25, 2017 Page 3

- All of the Portfolio's investment managers are performing in line with expectations. No recommendations for replacement were advised at this time.
- Asset allocation continues to be split between 65% equities and 35% fixed income. In Q2 Ellwood recommended, and the Committee approved, reinvesting \$60k of the cash balance to the Dodge and Cox Income fund in order to reduce cash holdings. No other rebalancing recommendation was necessary at this time.

#### **Bi-State Development Agency – 788 Pension**

- Total Plan assets are now \$131.4M up by \$9.3M since the beginning of the calendar year. Fund flows over the past few years have been consistently negative, and the first six months of 2017 continued this trend. Year-to-date cash inflows of \$6.7M were less than outflows of \$8.2M. However, strong investment gains boosted overall Portfolio values after investment earnings of \$10.7M.
- Through June 30, the Portfolio has gained 8.8% as the equity market continued its strong rally. Positive economic data, particularly from overseas markets, acted to strengthen investor optimism and propel equity markets higher.
- Longer-term performance remains favorable. Over the trailing 3- and 5-year periods, the Portfolio has gained 5.1% and 9.7%, respectively. The asset allocation changes approved by the Committee in 2013 have aided overall performance, and should help to mute the Portfolio's downside volatility during market declines.
- The Portfolio is in the process of liquidating the Och-Ziff (expected final 2018) and the BlueCrest (expected final 2017) hedge fund investments. In July 2017, the 788 Plan received a significant portion of its investment with Och-Ziff. As a result, Ellwood recommended enhancements to the overall hedge fund exposures, specifically advising the retention of two manager allocations to two complementary strategies. Ellwood recommended, and the Committee approved, retaining Davidson Kempner as an additional hedge fund manager in the portfolio. It was stated that the Portfolio's overall risk and return exposures are not expected to materially change as a result of this recommendation to change from three hedge funds (HBK, Blue Crest and Och-Ziff) to two hedge funds (HBK and Davidson Kempner).
- All other investment managers are performing in line with Ellwood's expectations. No additional recommendations were advised at this time.

Audit, Finance & Administration Committee Pension Plan and 401k Retirement Savings Program Investment Performance Update as of June 30, 2017 August 25, 2017 Page 4

#### **OPEB** Trust

- As of June 30, Total Assets were \$27.4M, higher by \$4.8M compared to the beginning of the calendar year. The Portfolio is in line with target allocations.
- In June, Bi-State completed its annual contribution of \$3.0M. The new cash flow was invested into the broader investment program in accordance with the statement of investment policy. No additional action is required at this time.
- The OPEB Trust advanced 8.2% during the first two quarters 2017. All of the Portfolio's asset classes have performed strongly however, notable performers include non-US and domestic equities which gained 15.6% and 8.4% respectively. Hedge funds (+5.9%) and fixed income (+0.9%) were also able to produce solid positive results.
- All of the Portfolio's investment managers are performing in line with expectations, and no manager changes were advised at this time.
- Overall, the Portfolio continues to be well positioned to achieve its long-term goal of fully funding its liabilities. The Committee asked that Ellwood review the Plan's asset allocation following the finalization of the upcoming actuarial report.

#### **Committee Action Requested:**

None. Information only.

#### **Attachments:**

- 1. 2<sup>nd</sup> Quarter Performance Highlights
- 2. 401(k) Retirement Savings Program 2<sup>nd</sup> Qtr Performance Report
- 3. Salaried Pension Plan 2<sup>nd</sup> Qtr Performance Report
- 4. IBEW Pension Plan 2<sup>nd</sup> Qtr Performance Report
- 5. 788 Pension Plan 2<sup>nd</sup> Qtr Performance Report
- 6. OPEB Trust 2<sup>nd</sup> Qtr Performance Report

Attachment 1

# 2<sup>nd</sup> Quarter 2017 Pension Plan, 401(k) Retirement Savings Program & OPEB Trust Investment Performance Highlights

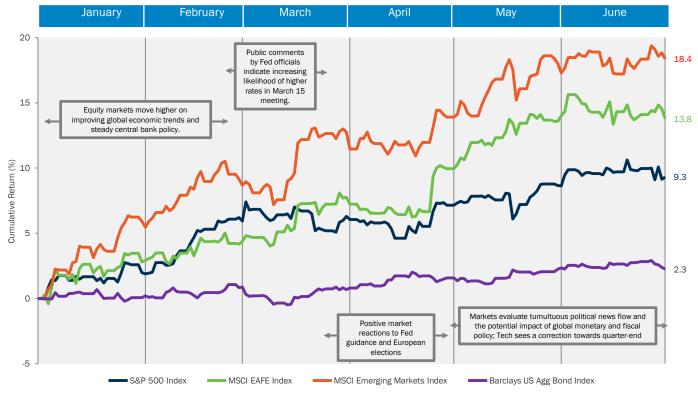


# 2<sup>nd</sup> Quarter 2017 Pension Plan, 401(k) Retirement Savings Program & OPEB Trust Investment Performance Highlights

- Capital Markets
- 401(k) Plan
- Salaried Pension Plan
- IBEW Pension Plan
- 788 Pension Plan
- OPEB Trust

# **Capital Market Summary**

# Year-To-Date Market Timeline



Source: Morningstar Direct, S&P, MSCI, Barclays



# Market Overview

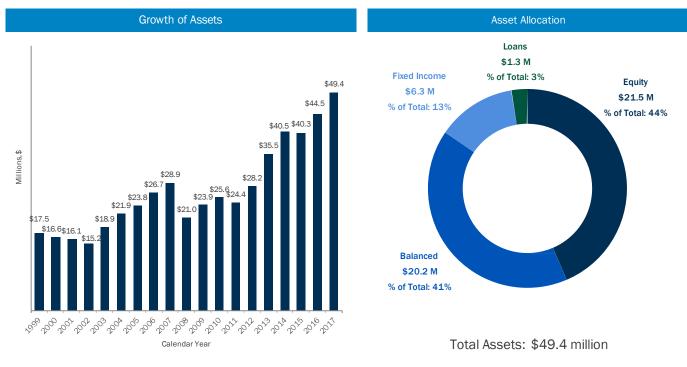


Source: Morningstar Direct, S&P, Russell, MSCI, Barclays, HFRI, Bloomberg



# The Bi-State Development Agency 40l(k) Retirement Savings Program

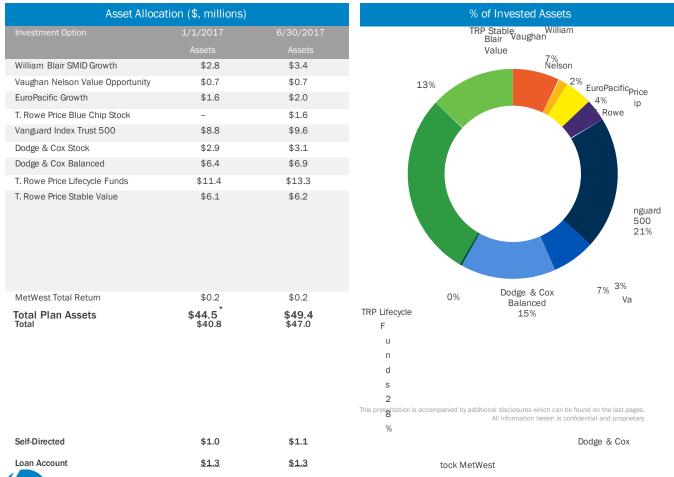
## Bi-State Development Agency 401(k) Retirement Savings Program As of June 30, 2017



Note: Totals may not equal 100% due to rounding.



## Bi-State Development Agency 401(k) Retirement Savings Overview As of June 30, 2017





### Bi-State Development Agency 401(k) Retirement Savings Program Plan Activity – As of June 30, 2017

Calendar Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Beginning Assets (\$000)	\$14,553	\$17,488	\$16,584	\$16,142	\$15,159	\$18,930	\$21,456	\$23,321	\$25,945	\$28,13 2
Inflows	1,506	1,561	1,659	1,704	1,859	2,071	2,266	2,171	2,133	2,388
Outflows Net Cash Flow	<u>(1,031)</u> 475	<u>(2,294)</u> (733)	<u>(1.588)</u> 71	<u>(908)</u> 796	<u>(1,207)</u> 652	<u>(1,556)</u> 515	<u>(2,092)</u> 174	<u>(2.641)</u> (470)	<u>(1,774)</u> 359	<u>(2,336)</u> 52
Investment Earnings	<u>2,460</u>	<u>(179)</u>	<u>(513)</u>	<u>(1,779)</u>	<u>3,119</u>	<u>2,011</u>	<u>1,691</u>	<u>3,094</u>	<u>1,828</u>	<u>(7,911)</u>
Ending Market Value (\$000)	\$17,488	\$16,584	\$16,142	\$15,159	\$18,930	\$21,456	\$23,321	\$25,945	\$28,132	\$20,27 3
Loan Balance (\$000)	-		-			\$421	\$543	\$770	\$835	\$736

Calendar Year	2009	2010	2011	2012	2013	2014	2015	2016	Y	
									TD	
									20	
									17	
Beginning Assets (\$000)	\$20,273	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	
Inflows	2,222	2,141	2,169	2,166	2,322	6,239	3,515	3,981	2,168	
Outflows	<u>(3,215)</u>	<u>(2,707)</u>	<u>(2,714)</u>	<u>(1,281)</u>	<u>(1,581)</u>	<u>(3,746)</u>	<u>(3,634)</u>	<u>(3,548)</u>	<u>(889)</u>	
Net Cash Flow	(993)	(566)	(545)	885	740	2,493	(118)	433	1,278	
Investment Earnings	<u>4,032</u>	<u>2,241</u>	<u>(648)</u>	2,573	<u>6,412</u>	<u>1,321</u>	<u>85</u>	<u>5,343</u>	<u>\$2,363</u>	
Ending Market Value (\$000)	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	49,402	
Loan Balance (\$000)	\$569	\$626	\$632	\$925	\$1,042	\$1,288	\$1,084	\$1,255	\$1,303	



# Equity Options Performance Summary

## Periods Ended June 30, 2017

Manager	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
Dodge & Cox Stock Fund	1.8	6.8	16.4	5.9	7.3	7/20/06
Russell 1000 Value Index	1.3	4.7	13.9	5.6	7.0	
Vanguard 500 Index Fund	3.1	9.3	14.6	7.2	6.7	1/2/98
S&P 500 Index	3.1	9.3	14.6	7.2	6.8	
T. Rowe Price Blue Chip Growth Stock Fund	8.1	19.4	17.0	9.5	4.2	4/6/00
Russell 1000 Growth Index	4.7	14.0	15.3	8.9	2.3	
Vaughan Nelson Value Opportunity	-0.2	4.0	12.8	_	-1.2	7/14/1
Russell Midcap Value Index	1.4	5.2	15.1	7.2	9.2	5
William Blair SMID Growth	6.7	16.1	16.4	9.5	9.7	3/16/06
Russell 2000 Growth Index	4.4	10.0	14.0	7.8	8.0	, ,
American Funds EuroPacific Growth	7.6	17.6	9.2	3.2	6.5	6/4/01
MSCI EAFE Index	6.1	13.8	8.7	1.0	4.9	0/4/01

Note: Illustrative performance shown prior to manager inception. Returns less than one year are not annualized.



## Balanced and Fixed Income Options Performance Summary Periods Ended June 30, 2017

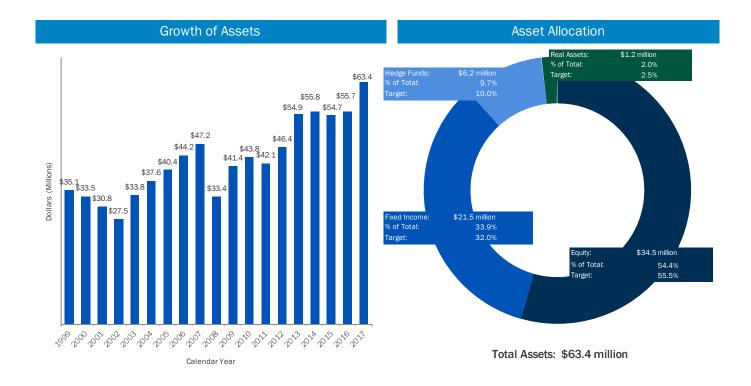
Manager	Quarter	YTD	Five Years	Ten Years	Si	Inception
					nce	Date
					Incep	
	1.0		10 7		tion	1 (0 (00
Dodge & Cox Balanced Fund Blended Benchmark	1.6 2.4	5.4 6.5	12.7 9.6	6.0 6.4	8.3 6.0	1/2/98
MetWest Total Return Fund	1.3	2.2	3.5	6.0	0.2	6/30/16
Barclays Aggregate Bond Index	1.5	2.3	2.2	4.5	-0.3	
T. Rowe Price Retirement Income	2.0	5.5	5.9	4.7	5.0	1/31/08
T. Rowe Price Retirement 2005	2.3	5.8	6.4	4.8	5.3	1/31/08
T. Rowe Price Retirement 2010	2.4	6.2	7.1	4.8	5.5	1/31/08
T. Rowe Price Retirement 2015	2.8	7.2	8.2	5.1	6.0	1/31/08
T. Rowe Price Retirement 2020	3.4	8.5	9.3	5.3	6.4	1/31/08
T. Rowe Price Retirement 2025	3.8	9.6	10.2	5.5	6.7	1/31/08
T. Rowe Price Retirement 2030	4.2	10.6	11.0	5.6	6.9	1/31/08
T. Rowe Price Retirement 2035	4.5	11.4	11.6	5.8	7.1	1/31/08
T. Rowe Price Retirement 2040	4.7	11.9	11.9	6.0	7.3	1/31/08
T. Rowe Price Retirement 2045	4.8	12.2	12.0	6.0	7.3	1/31/08
T. Rowe Price Retirement 2050	4.8	12.1	12.0		7.3	1/31/08
T. Rowe Price Retirement 2055	4.8	12.1	12.0	-	7.3	1/31/08
T. Rowe Price Retirement 2060	0.7	7.0	-	-		6/30/15
T. Rowe Price Stable Value Fund	0.5	0.9	2.0	3.0	4.3	12/31/94
Stable Value Universe	0.4	0.7	1.2	2.0	3.8	

Note: Illustrative performance shown prior to manager inception. Returns less than one year are not annualized.



Pension Plan for Salaried Employees of the Bi-State Development Agency of the Missouri-Illinois Metropolitan District

## Bi-State Development Agency Pension Plan for Salaried Employees As of June 30, 2017





# Cash Flow Activity (\$, millions)

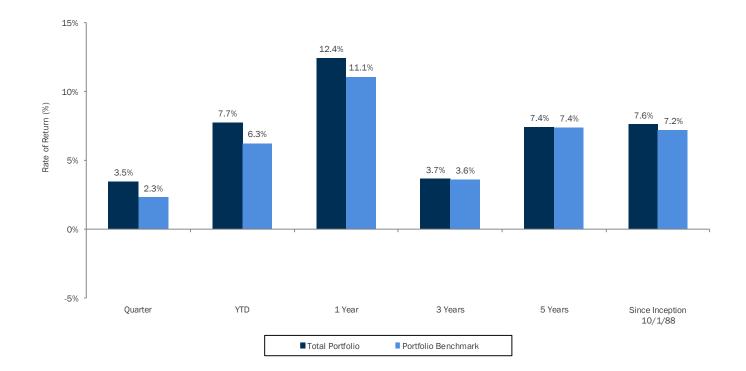
2nd Quarter 2017 Activity	(\$, millions)	Year to Date Activity (\$, millions)			
Beginning Value: (4/1/17)	\$58.0	Beginning Value: (1/1/17)	\$55.7		
Contributions:	\$4.8	Contributions:	\$5.9		
Withdrawals:	(\$1.2)	Withdrawals:	(\$2.4)		
Investment Earnings:	<u>\$1.8</u>	Investment Earnings:	<u>\$4.1</u>		
Ending Value: (6/30/17)	\$63.4	Ending Value: (6/30/17)	\$63.4		

This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.



# Bi-State Development Agency Plan for Salaried Employees

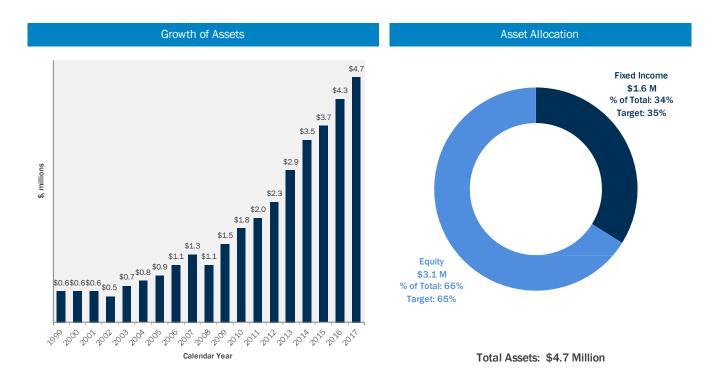
Total Portfolio Performance as of June 30, 2017





Bi-State Development Agency of the Missouri-Illinois Metropolitan District and Local No. 2 and Local No. 309 of the International Brotherhood of Electrical Workers Employees' Pension Plan

### Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309 As of June 30, 2017

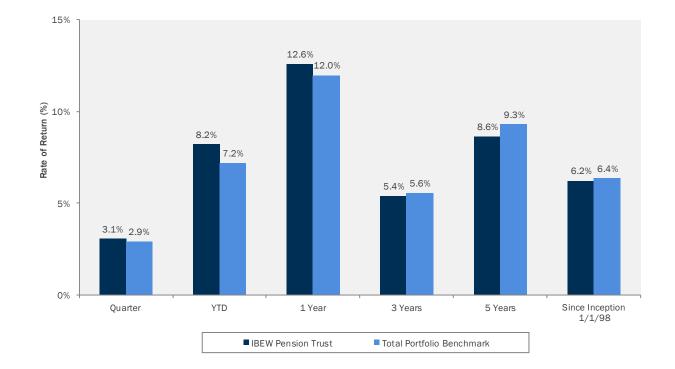


Note: Totals may not add up to 100% due to rounding.



### Total Portfolio Performance Review

As of June 30, 2017



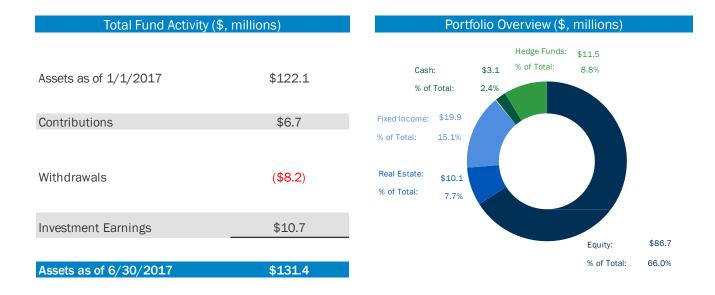


# Bi-State Development Agency of the Missouri-Illinois

# Metropolitan District and Division 788 Amalgamated Transit Union AFL-CIO Employees' Pension Plan

### Total Portfolio Overview

As of June 30, 2017

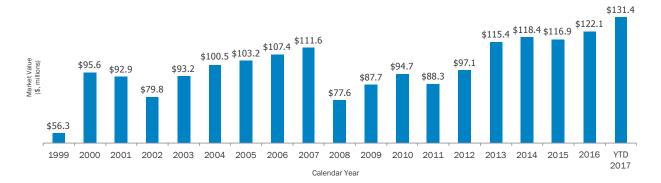


Note: Totals may not add up to 100% due to rounding.



### Historical Asset Growth

As of June 30, 2017

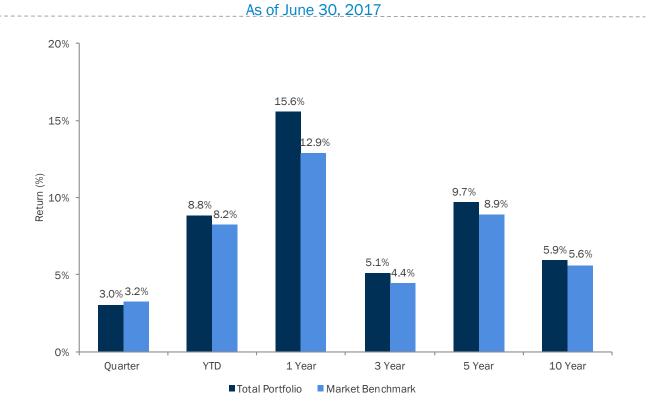


Portfolio Cash Flows (\$, millions)										
	Quarter I	Quarter II	Quarter III	Quarter IV	YTD 2017					
Beginning Assets	\$122.1	\$128.3			\$122.1					
Contributions	\$3.4	\$3.3			\$6.7					
Withdrawals	(\$4.1)	(\$4.1)			(\$8.2)					
Investment Earnings	\$6.8	\$3.9			\$10.7					
Ending Assets	\$128.3	\$131.4			\$131.4					

Notes: All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.



### **Total Portfolio Performance Overview**



Notes: Market Benchmark is currently 65% MSCI ACWI Index, 10% HFRI FOF Conservative Index, 5% NCREIF Open-End Diversified Core Index, and 20% Barclays Aggregate Index. Prior to June 2014, the Market Benchmark was 60% Dow Jones U.S. Total Stock Market Index, 5% MSCI EAFE Index, 5% MSCI



### **OPEB TRUST**

#### Bi-State Development Agency OPEB Trust As of June 30, 2017

YTD Activity (\$, mil	lions)		Asset Al	llocation	
Beginning Value (1/1/17):	\$22.6	Hedge Funds:	\$4.2 million		
Contributions:	\$3.0	% of Total: Target:	15% 20%		
Withdrawals:	\$0.0	Fixed Income: % of Total:	\$6.5 million		
Investment Earnings:	\$1.8	% of rotal: Target:		Equity: % of Total: Target:	\$16.7 million 61% 60%
Ending Value (6/30/17):	\$27.4				
Note: Totals may not add to 100% due to rounding.		Total	Assets:	\$27.4 mill	ion

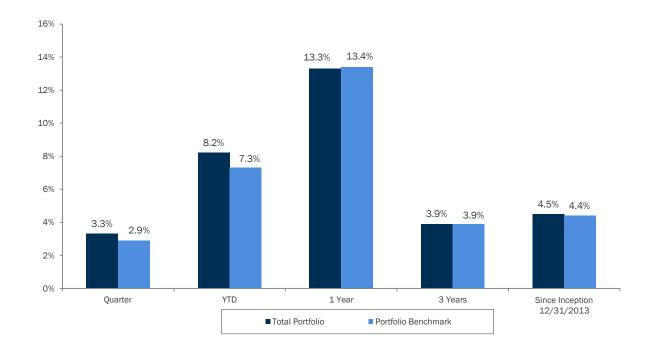
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#### Bi-State Development Agency OPEB Plan

Total Portfolio Performance as of June 30, 2017



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Attachment 2

# Second Quarter 2017 Performance Report

Bi-State Development Agency 401(k) Retirement Savings Program





# **Table of Contents**

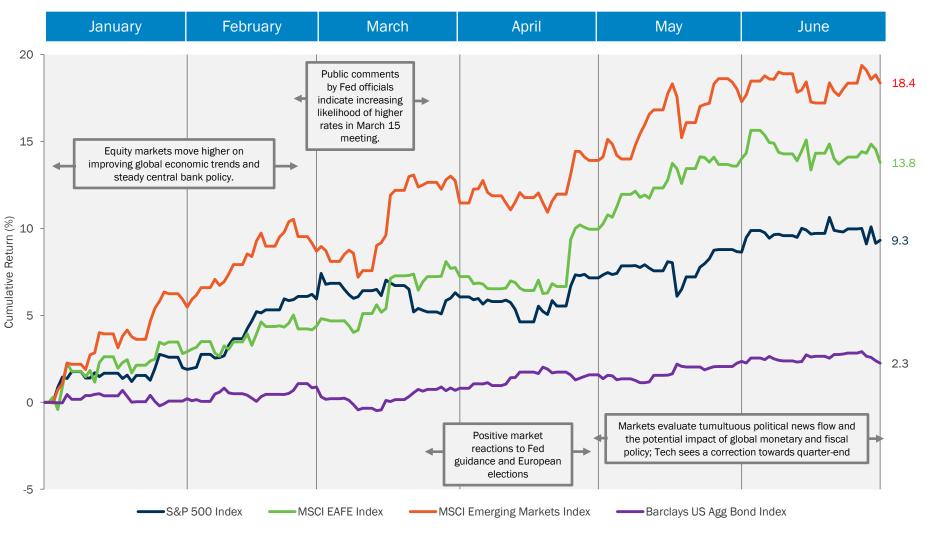
- I. Capital Markets Overview
- II. 401(k) Retirement Savings Portfolio Review
- III. Investment Manager Appendix
  - Manager Performance Review
  - Investment Program Fee Review



# 2<sup>nd</sup> Quarter 2017 Capital Markets Exhibits



### Year-To-Date Market Timeline



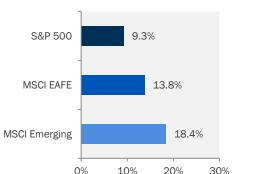
Source: Morningstar Direct, S&P, MSCI, Barclays



# **2017 Performance Drivers**

#### **Positive Performers**

#### 2017 YTD Index Performance



**Technology Sector** Tech % of 2017 Tech Index Index Sector Return S&P 500 22% 17% MSCI EAFE 6% 22% **MSCI** Emerging 24% 35% 20% 30%

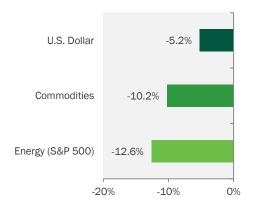
#### **Tech Sector Comments**

- Technology companies, which have driven innovation and disrupted traditional markets, continue to attract investor capital on a global basis despite rising valuations.
- "FAANG" stocks including Facebook (31%), Amazon (29%), Apple (25%), Netflix (21%) & Alphabet/Google (18%) drove U.S. technology performance.
- Within emerging markets, the "SATT" stocks, including Samsung (60%), Alibaba (61%), Tencent (48%) & Taiwan Semiconductor (26%) drove technology sector performance

(2017 YTD returns)

#### 2017 YTD Index Performance

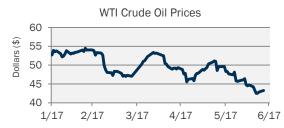
Source: S&P 500 Index, MSCI EAFE Index & MSCI Emerging Markets Index



Negative Performers

#### Oil/Energy

• Oil started the year trading at \$52 per barrel. Prices declined throughout the first half of the year as increased U.S. rig counts boosted supply offsetting production cuts from Russia and OPEC. Oil ended the second quarter at \$43/barrel.



#### U.S. Dollar

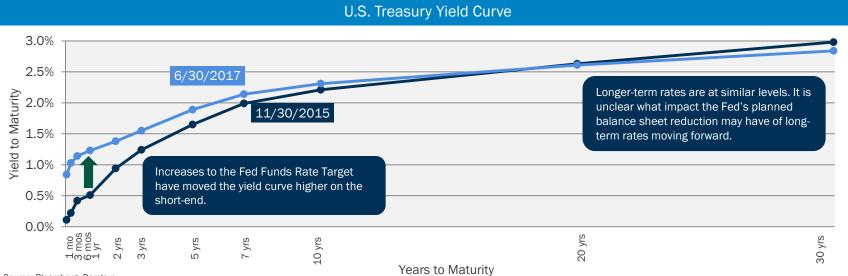
- The U.S. Dollar declined in 2017 following several years of relative strength.
- The Euro appreciated by 8.6% relative to the Dollar in 2017 as economic growth improved and populist threats waned.



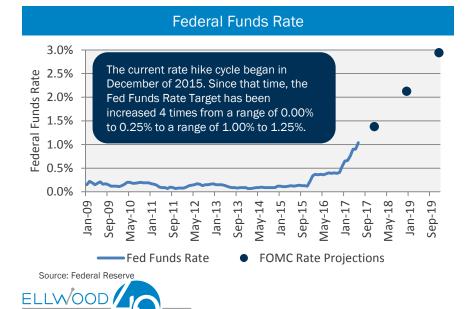
Source: Bloomberg, Factset Economics



# The Impact of Fed Rate Hikes on the Yield Curve



Source: Bloomberg, Barclays



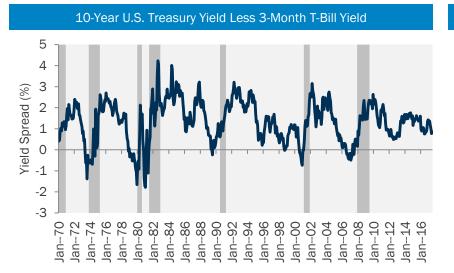
YEARS

Real Rates and Breakeven Inflation										
	5 Years 10 Years									
	Real Rates	Breakeven Inflation	Real Rates	Breakeven Inflation						
11/30/2015	0.35%	1.30%	0.62%	1.59%						
6/30/2017	0.26%	1.63%	0.58%	1.73%						
Observations										

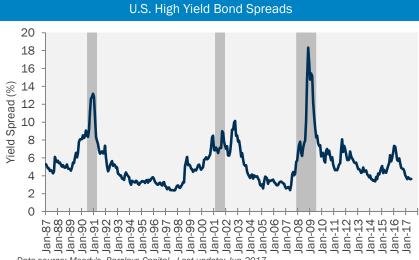
- The Fed rate hikes have not been able to push long-term real rates higher, and inflation expectations are only marginally higher suggesting longer-term growth expectations remain modest.
- In addition to the increases in the Fed Funds Rate, the Fed also announced plans to slowly reduce the size of its balance sheet by not reinvesting proceeds of maturing bonds.

#### This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary. 5

# **Economic Cycle Indicators**

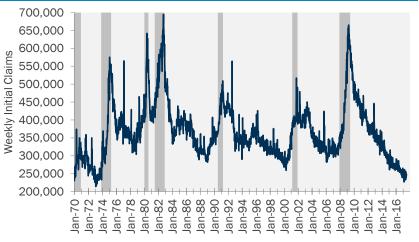


Data source: United States Treasury



Data source: Moody's, Barclays Capital. Last update: Jun 2017

#### **Unemployment Insurance Weekly Initial Claims**



Data source: US Department of Labor. Data is seasonally adjusted. Last update: Jun 2017

#### **Observations**

- The most common cause of a severe equity market correction is a recession.
- While there are no fail proof forward looking predicators of a recession, an inverted yield curve, increases in the unemployment rate, and widening high yield corporate bond spreads are among the more reliable predictors.
- None of these three predictors are currently indicating a recession is immininent.

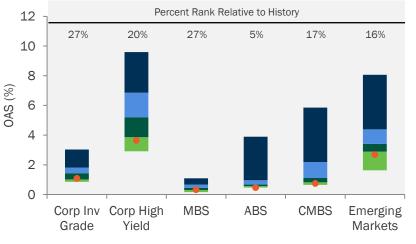


# Market Valuations and Volatility



- VIX

#### Fixed Income Spreads Relative to History



Source: Barclays

12/16

#### Observations

- Equity valuations, especially in the U.S., remain above historical averages. Expectations for strong corporate growth rates support higher valuations as shown by the more reasonable forward valuations.
- Bond spreads are tight (low incremental yield relative to Treasury bonds of a similar maturity) relative to historical ranges, indicating challenging valuations across bond markets.
- The market's current expectations for equity volatility is low compared to history.

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YEARS

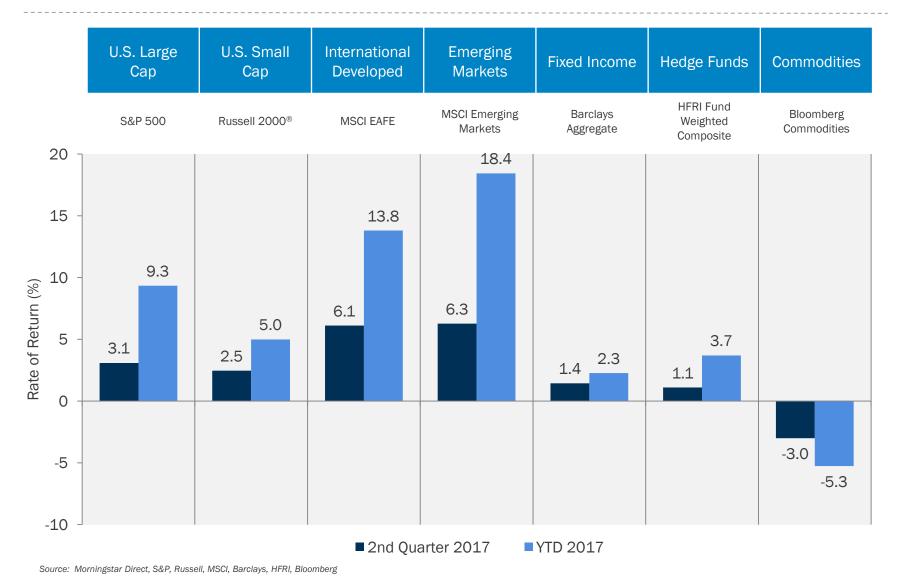
Source: CBOE, Morningstar

## An Updated View on the 2017 Outlook

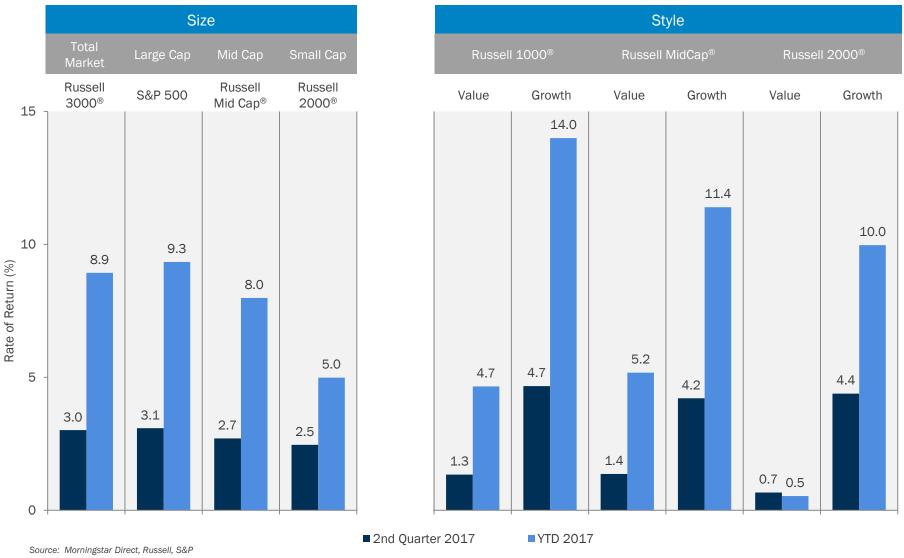
Theme	Upside Scenario	Downside Scenario	Current Status
Fiscal Policy Stimulus	Expansionary fiscal policy such as corporate tax cuts are <u>quickly agreed upon</u> , providing a swift boost to corporate earnings. Infrastructure spending and deregulation, while having a longer implementation period, also achieves consensus to move forward.	Fiscal hawks push back and <u>significantly</u> <u>delay</u> proposals, instead seeking tax reform and spending that does not increase the deficit or the national debt.	The timeliness and magnitude of pro- business policies have become more uncertain amid political gridlock.
Global Trade Policy	The tone of early trade negotiations is balanced, resulting in a framework that allows for <u>compromises</u> for both the US and its trade partners, mitigating concerns of negative impacts on economic growth and foreign policy relationship.	The administration uses its Presidential powers to quickly move forward with tariffs, provoking a <u>trade war</u> that has an abrupt negative impact on the revenue of exporters and its suppliers and causes a sharp upward spike in inflation expectations.	The appointment of US Trade Representative Robert Lighthizer should allow for clearer communications regarding future trade negotiations.
US Monetary Policy	The US Federal Reserve tightens monetary policy <u>in-line with market expectations</u> (currently two rate hikes for 2017).	High inflation surprises the Fed, leading to an <u>accelerated pace</u> of monetary policy tightening and resulting in a sharp spike in volatility across global equity, fixed income and currency markets.	Inflation has leveled off as energy prices have weakened.
Elections and Referendums	Concerns over elections outcomes – particularly in Europe – are overblown as transfers of political party power are orderly and proposed changes are more symbolic than economically-substantive, calming markets.	Anti-establishment candidates <u>sweep major</u> <u>European elections</u> , and amid unstable political coalitions, markets begin to price in a highly uncertain future for the EU and the Eurozone.	Losses by far-right candidates in Austria, and the Netherlands and France has significantly improved market sentiment.
China's Financial Conditions	China <u>successfully manages to moderate</u> ballooning debt levels and slow capital outflows without a negative impact on economic growth.	Capital <u>outflows sharply accelerate</u> , and China decides on a one-time large devaluation of the Yuan, creating turmoil and defaults in debt markets as liquidity dramatically falls.	China continues to roll out new regulations that clamp down on financial sector activities considered aggressive by Chinese regulators.



# **Market Overview**



# **U.S. Equity Market Performance**



Note: Russell Style Indices shown; Russell 3000®, Russell Mid Cap®, Russell 2000®.



### S&P 500 Scorecard

		Sect	or Returns		
	<u>Div.</u> <u>Yield<sup>(1)</sup></u>	<u>P/E</u> <u>Ratio<sup>(2)</sup></u>	<u>15-Yr</u> <u>Avg.</u> <sup>(3)</sup>		
Technology	1.4%	22.8x	21.3x	4.1%	Energ
Health Care	1.6%	23.7x	20.6x	7.1%	Materials 3%
Consumer Discretionary	1.4%	22.8x	18.9x	2.4%	Consumer Staples
Industrials	2.0%	22.0x	18.0x	4.7% 9.5%	9%
S&P 500	1.9%	21.6x	17.3x	3.1% 9.3%	
Materials	2.0%	23.2x	18.7x	<b>3.2%</b> <b>9.2%</b>	Technology 22%
Utilities	3.4%	20.2x	16.1x	2.2% 8.8%	Source: Morningstar Direct, S&P
Consumer Staples	2.6%	21.6x	19.1x	1.6% 8.0%	Top Five
Financials	1.6%	15.9x	14.6x	4.2%	
Real Estate	3.3%	35.1x	37.5x	<b>2.8% 6.4%</b>	Name 1. Apple, Inc.
Telecom	5.1%	17.2x	20.0x -7.0% -10.7%		2. Microsoft Corp.
Energy	2.9%	33.8x	14.9x -6.4%		3. Exxon Mobil Corp.
			-12.0%		4. Amazon

2<sup>nd</sup> Quarter 2017

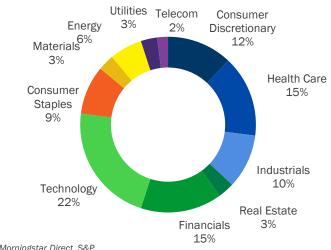
YTD 2017

Source: Morningstar Direct, S&P <sup>(1)</sup>Trailing 12 month as of 6/30/2017. <sup>(2)</sup>Trailing 12 month P/E as of 6/30/2017.

 $^{(3)}$ 15-year average trailing 12 month P/E as of 6/30/2017.



#### Sector Weights

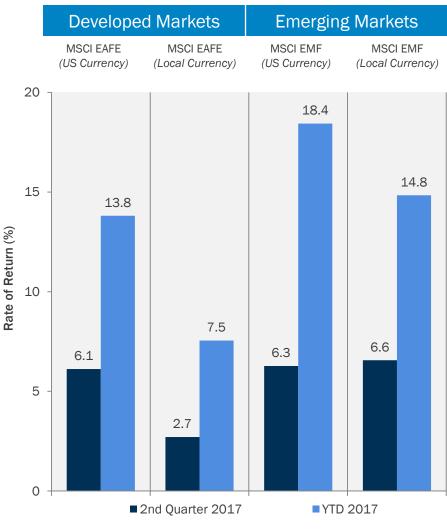


#### Top Five S&P 500 Index Holdings

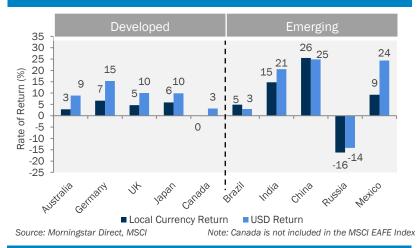
Name	Sector	% of S&P	YTD 2017 Return	YTD 2017 Contribution to Return
1. Apple, Inc.	Technology	3.6%	25.4%	0.82%
2. Microsoft Corp.	Technology	2.5%	12.2%	0.31%
3. Exxon Mobil Corp.	Energy	1.7%	-9.9%	-0.17%
4. Amazon	Cons. Discr.	1.7%	29.1%	0.45%
5. Johnson & Johnson	Health Care	1.6%	16.3%	0.27%

Source: Morningstar Direct, S&P

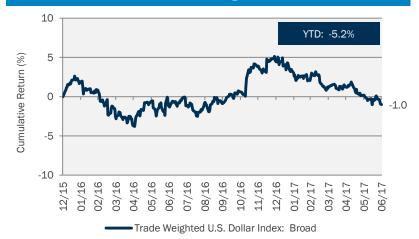
# Non-U.S. Equity Market Performance



#### **YTD International Market Returns**



#### U.S. Dollar vs. Foreign Currencies



Source: Morningstar Direct, MSCI

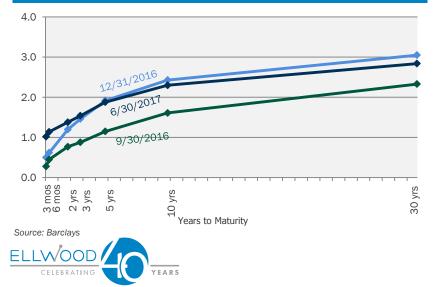


Source: Federal Reserve Board; US trade-weighted index.

# **Fixed Income Markets**

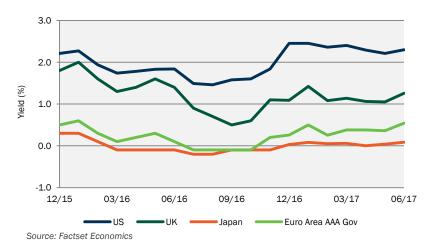


U.S. Treasury Yield Curve





**Global Ten Year Government Spot Yields** 



This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.

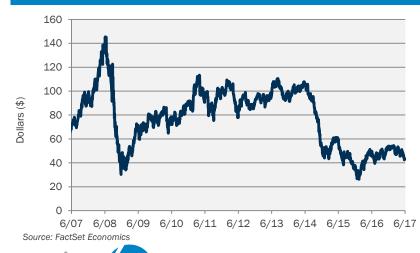
### **Real Assets Performance**

**Asset Class Performance** 2nd Quarter 2017 YTD 2017 10 Rate of Return (%) 5 2.0 0.7 0 -0.4 -0.9 -3.0 -5 -5.3 -10 Bloomberg Commodity Index S&P Global Natural Resources Stock Index Barclays US TIPS (1-10 Year) Index

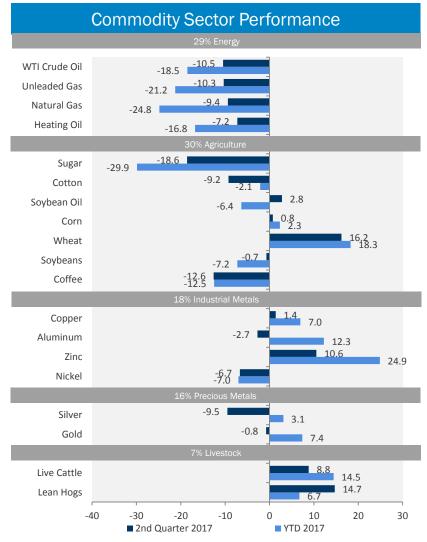
Source: Morningstar Direct, Bloomberg, S&P, Barclays

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#### Historical WTI Crude Oil Prices



YEARS



Source: Morningstar Direct, Bloomberg

### World Markets Heat Map

Calendar Year Returns								Annı	ualized Re	eturns								
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		YTD	1-Yr	3-Yr	5-Yr	10-Yr	TTM P/E	Div. Yield
U.S. Equity											U.S. Equity							
S&P 100 Index	-35.3%	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	8.9%	S&P 100 Index	8.9%	17.7%	9.7%	13.9%	6.9%	21.2x	2.3%
S&P 500 Index	-37.0%	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	9.3%	S&P 500 Index	9.3%	17.9%	9.6%	14.6%	7.2%	21.4x	2.1%
Russell 1000 Value Index	-36.9%	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	4.7%	Russell 1000 Value Index	4.7%	15.5%	7.4%	13.9%	5.6%	18.2x	2.5%
Russell 1000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 1000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.4x	1.5%
Russell 2000 Index	-33.8%	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	5.0%	Russell 2000 Index	5.0%	24.6%	7.4%	13.7%	6.9%	21.1x	1.5%
Russell 2000 Value Index	-28.9%	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	0.5%	Russell 2000 Value Index	0.5%	24.9%	7.0%	13.4%	5.9%	18.1x	2.3%
Russell 2000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 2000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.7x	0.8%
Russell Micro Cap Index	-39.8%	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	4.2%	Russell Micro Cap Index	4.2%	27.6%	6.7%	13.7%	5.5%	17.4x	1.2%
Non U.S. Equity											Non U.S. Equity						_	
MSCI ACWI ex U.S. Index	-45.5%	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	14.1%	MSCI ACWI ex U.S. Index	14.1%	20.5%	0.8%	7.2%	1.1%	17.0x	3.3%
MSCI EAFE Index	-43.4%	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	13.8%	MSCI EAFE Index	13.8%	20.3%	1.1%	8.7%	1.0%	17.9x	3.5%
MSCI EAFE Small Cap Index	-47.0%	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	16.7%	MSCI EAFE Small Cap Index	16.7%	23.2%	5.6%	12.9%	3.4%	16.7x	2.6%
MSCI Emerging Markets Index	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	18.4%	MSCI Emerging Markets Index	18.4%	23.7%	1.1%	4.0%	1.9%	14.6x	2.8%
MSCI Emerging Mkts. Small Cap Index	-58.2%	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	16.0%	MSCI Emerging Mkts. Small Cap Index	16.0%	17.0%	0.8%	5.1%	2.2%	17.6x	2.5%
MSCI Frontier Markets Index	-54.1%	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	15.6%	MSCI Frontier Markets Index	15.6%	19.2%	-3.4%	8.6%	-1.5%	12.5x	3.5%
Global											Global							
MSCI ACWI Index	-42.2%	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	11.5%	MSCI ACWI Index	11.5%	18.8%	4.8%	10.5%	3.7%	19.1x	2.6%
Fixed Income	_										Fixed Income						Duration	YTW
Barclays US Aggregate Index	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	2.3%	Barclays US Aggregate Index	2.3%	-0.3%	2.5%	2.2%	4.5%	6.0	2.6%
Barclays US Inv. Grade. Corp. Index	-4.9%	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	3.8%	Barclays US Inv. Grade. Corp. Index	3.8%	2.3%	3.6%	4.0%	5.8%	7.4	3.2%
Barclays High Yield Index	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	4.9%	Barclays High Yield Index	4.9%	12.7%	4.5%	6.9%	7.7%	3.8	5.7%
Barclays US Corp Long AA+ Index	8.2%	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	5.6%	Barclays US Corp Long AA+ Index	5.6%	-0.4%	5.9%	4.8%	7.6%	13.9	4.3%
Barclays US Treasury Long Index	24.0%	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	5.4%	Barclays US Treasury Long Index	5.4%	-7.2%	5.6%	2.8%	7.3%	17.6	2.8%
Barclays U.S. Municipal Bond Index	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	3.6%	Barclays U.S. Municipal Bond Index	3.6%	-0.5%	3.3%	3.3%	4.6%	6.3	2.3%
Barclays Global Agg. ex. U.S. Index	4.4%	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	6.1%	Barclays Global Agg. ex. U.S. Index	6.1%	-3.8%	-2.4%	-0.4%	3.0%	7.8	0.8%
Barclays EM Debt (Local) Gov't Index		17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	8.8%	Barclays EM Debt (Local) Gov't Index	8.8%	3.8%	-1.8%	0.9%		5.6	4.8%
Alternatives											Alternatives						_	
Bloomberg Commodity Index	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	-5.3%	Bloomberg Commodity Index	-5.3%	-6.5%	-14.8%	-9.2%	-6.5%		
Bloomberg Commodity – Gold	3.9%	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	7.4%	Bloomberg Commodity – Gold	7.4%	-6.9%	-2.7%	-5.5%	5.9%		
Bloomberg Commodity – WTI Crude Oil	-53.2%	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	-18.5%	Bloomberg Commodity – WTI Crude Oil	-18.5%	-16.9%	-36.7%	-20.5%	-15.6%		
Bloomberg Commodity – Agriculture	-27.5%	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-3.4%	Bloomberg Commodity – Agriculture	-3.4%	-13.0%	-10.3%	-8.6%	-1.7%		
HFRI FOF Composite Index	-21.4%	11.5%	5.7%	-5.7%	4.8%	9.0%	3.4%	-0.3%	0.5%	2.6%	HFRI FOF Composite Index	2.6%	5.8%	1.3%	3.7%	0.8%		
HFRI Equity Hedge Index	-26.6%	24.6%	10.5%	-8.4%	7.4%	14.3%	1.8%	-1.0%	5.5%	6.2%	HFRI Equity Hedge Index	6.2%	12.5%	3.0%	6.3%	2.8%	-	
Source: Morningstar Direct Bloomberg											Source: Morningstar Direct Bloomberg							

Source: Morningstar Direct, Bloomberg

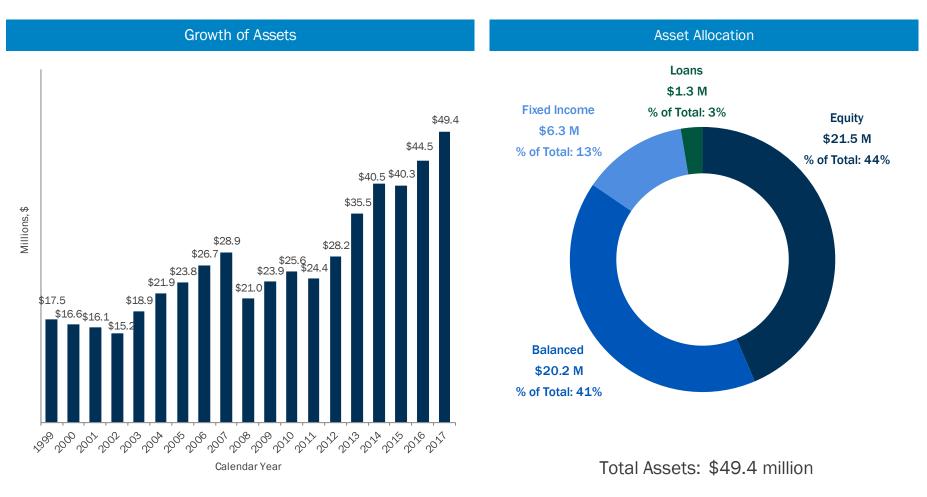
Source: Morningstar Direct, Bloomberg



# 401(k) Retirement Savings Portfolio Review



### Bi-State Development Agency 401(k) Retirement Savings Program As of June 30, 2017

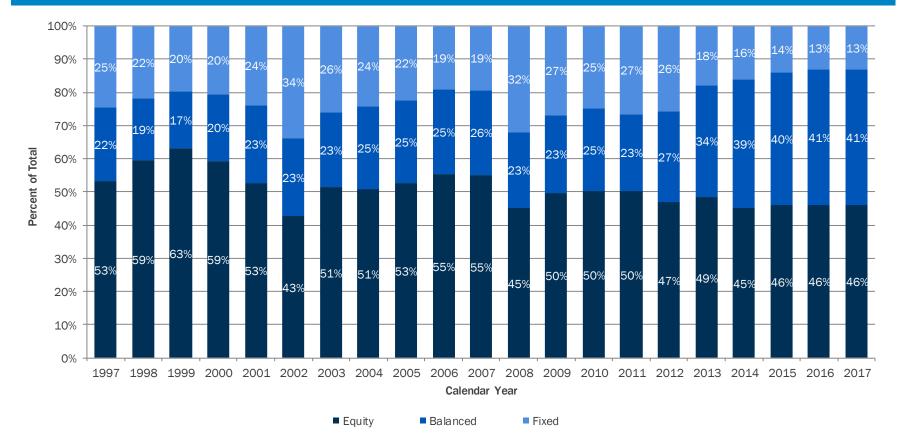


Note: Totals may not equal 100% due to rounding.



### Bi-State Development Agency 401(k) Retirement Savings Program As of June 30, 2017

**Historical Allocations** 



Note: Historical allocations exclude loans and self directed accounts.



### Bi-State Development Agency 401(k) Retirement Savings Overview As of June 30, 2017

Asset Alloca	tion (\$, millions)	
	1/1/2017	6/30/2017
Investment Option	Assets	Assets
William Blair SMID Growth	\$2.8	\$3.4
Vaughan Nelson Value Opportunity	\$0.7	\$0.7
EuroPacific Growth	\$1.6	\$2.0
T. Rowe Price Blue Chip Stock	-	\$1.6
Vanguard Index Trust 500	\$8.8	\$9.6
Dodge & Cox Stock	\$2.9	\$3.1
Dodge & Cox Balanced	\$6.4	\$6.9
T. Rowe Price Lifecycle Funds	\$11.4	\$13.3
T. Rowe Price Stable Value	\$6.1	\$6.2
MetWest Total Return	\$0.2	\$0.2
Total	\$40.8	\$47.0
Self-Directed	\$1.0	\$1.1
Loan Account	<u>\$1.3</u>	<u>\$1.3</u>
Total Plan Assets	\$44.5 <sup>*</sup>	\$49.4



### Bi-State Development Agency 401(k) Retirement Savings Program Plan Activity – As of June 30, 2017

Calendar Year	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008
Beginning Assets (\$000)	\$14,553	\$17,488	\$16,584	\$16,142	\$15,159	\$18,930	\$21,456	\$23,321	\$25,945	\$28,132
Inflows	1,506	1,561	1,659	1,704	1,859	2,071	2,266	2,171	2,133	2,388
Outflows	<u>(1,031)</u>	<u>(2,294)</u>	<u>(1,588)</u>	<u>(908)</u>	<u>(1,207)</u>	<u>(1,556)</u>	<u>(2,092)</u>	<u>(2,641)</u>	<u>(1,774)</u>	<u>(2,336)</u>
Net Cash Flow	475	(733)	71	796	652	515	174	(470)	359	52
Investment Earnings	<u>2,460</u>	<u>(179)</u>	<u>(513)</u>	<u>(1,779)</u>	<u>3,119</u>	<u>2,011</u>	<u>1,691</u>	<u>3,094</u>	<u>1,828</u>	<u>(7,911)</u>
Ending Market Value (\$000)	\$17,488	\$16,584	\$16,142	\$15,159	\$18,930	\$21,456	\$23,321	\$25,945	\$28,132	\$20,273
Loan Balance (\$000)					-	\$421	\$543	\$770	\$835	\$736
									YTD	
Calendar Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	
Beginning Assets (\$000)	\$20,273	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	
Inflows	2,222	2,141	2,169	2,166	2,322	6,239	3,515	3,981	2,168	
Outflows	<u>(3,215)</u>	<u>(2,707)</u>	<u>(2,714)</u>	<u>(1,281)</u>	<u>(1,581)</u>	<u>(3,746)</u>	<u>(3,634)</u>	<u>(3,548)</u>	<u>(889)</u>	
Net Cash Flow	(993)	(566)	(545)	885	740	2,493	(118)	433	1,278	
Investment Earnings	<u>4,032</u>	<u>2,241</u>	<u>(648)</u>	<u>2,573</u>	<u>6,412</u>	<u>1,321</u>	<u>85</u>	<u>5,343</u>	<u>\$2,363</u>	
Ending Market Value (\$000)	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	49,402	
Loan Balance (\$000)	\$569	\$626	\$632	\$925	\$1,042	\$1,288	\$1,084	\$1,255	\$1,303	



# **Benchmark Definitions**

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Investment Option	Benchmark
MetWest Total Return	Barclays Aggregate Bond Index
T. Rowe Price Stable Value	Average GIC Pooled Fund
T. Rowe Price Lifecycle Funds	Custom Target Benchmark
Dodge & Cox Balanced	60% S&P 500 Index/40% Barclays Capital Aggregate Bond Index
Dodge & Cox Stock	Russell 1000 Value Index
Vanguard 500 Index	S&P 500 Index
T. Rowe Price Blue Chip Growth Sock Fund	Russell 1000 Growth Index
EuroPacific Growth	MSCI EAFE Index
Vaughan Nelson Value Opportunity	Russell Mid Cap Value Index
William Blair Small/Mid Growth	Russell 2000 Growth Index



### Equity Options Performance Summary Periods Ended June 30, 2017

Manager	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
Dodge & Cox Stock Fund	1.8	6.8	16.4	5.9	7.3	7/20/06
Russell 1000 Value Index	1.3	4.7	13.9	5.6	7.0	
Vanguard 500 Index Fund	3.1	9.3	14.6	7.2	6.7	1/2/98
S&P 500 Index	3.1	9.3	14.6	7.2	6.8	
T. Rowe Price Blue Chip Growth Stock Fund	8.1	19.4	17.0	9.5	4.2	4/6/00
Russell 1000 Growth Index	4.7	14.0	15.3	8.9	2.3	
Vaughan Nelson Value Opportunity	-0.2	4.0	12.8	_	-1.2	7/14/15
Russell Midcap Value Index	1.4	5.2	15.1	7.2	9.2	
William Blair SMID Growth	6.7	16.1	16.4	9.5	9.7	3/16/06
Russell 2000 Growth Index	4.4	10.0	14.0	7.8	8.0	
American Funds EuroPacific Growth	7.6	17.6	9.2	3.2	6.5	6/4/01
MSCI EAFE Index	6.1	13.8	8.7	1.0	4.9	0, 1, 01

Note: Illustrative performance shown prior to manager inception. Returns less than one year are not annualized.



### Balanced and Fixed Income Options Performance Summary Periods Ended June 30, 2017

					Since	Inception
Manager	Quarter	YTD	Five Years	Ten Years	Inception	Date
Dodge & Cox Balanced Fund	1.6	5.4	12.7	6.0	8.3	1/2/98
Blended Benchmark	2.4	6.5	9.6	6.4	6.0	
MetWest Total Return Fund	1.3	2.2	3.5	6.0	0.2	6/30/16
Barclays Aggregate Bond Index	1.5	2.3	2.2	4.5	-0.3	
T. Rowe Price Retirement Income	2.0	5.5	5.9	4.7	5.0	1/31/08
T. Rowe Price Retirement 2005	2.3	5.8	6.4	4.8	5.3	1/31/08
T. Rowe Price Retirement 2010	2.4	6.2	7.1	4.8	5.5	1/31/08
T. Rowe Price Retirement 2015	2.8	7.2	8.2	5.1	6.0	1/31/08
T. Rowe Price Retirement 2020	3.4	8.5	9.3	5.3	6.4	1/31/08
T. Rowe Price Retirement 2025	3.8	9.6	10.2	5.5	6.7	1/31/08
T. Rowe Price Retirement 2030	4.2	10.6	11.0	5.6	6.9	1/31/08
T. Rowe Price Retirement 2035	4.5	11.4	11.6	5.8	7.1	1/31/08
T. Rowe Price Retirement 2040	4.7	11.9	11.9	6.0	7.3	1/31/08
T. Rowe Price Retirement 2045	4.8	12.2	12.0	6.0	7.3	1/31/08
T. Rowe Price Retirement 2050	4.8	12.1	12.0		7.3	1/31/08
T. Rowe Price Retirement 2055	4.8	12.1	12.0		7.3	1/31/08
T. Rowe Price Retirement 2060	0.7	7.0	-		-	6/30/15
T. Rowe Price Stable Value Fund Stable Value Universe	0.5 0.4	0.9 0.7	2.0 1.2	3.0 2.0	4.3 3.8	12/31/94

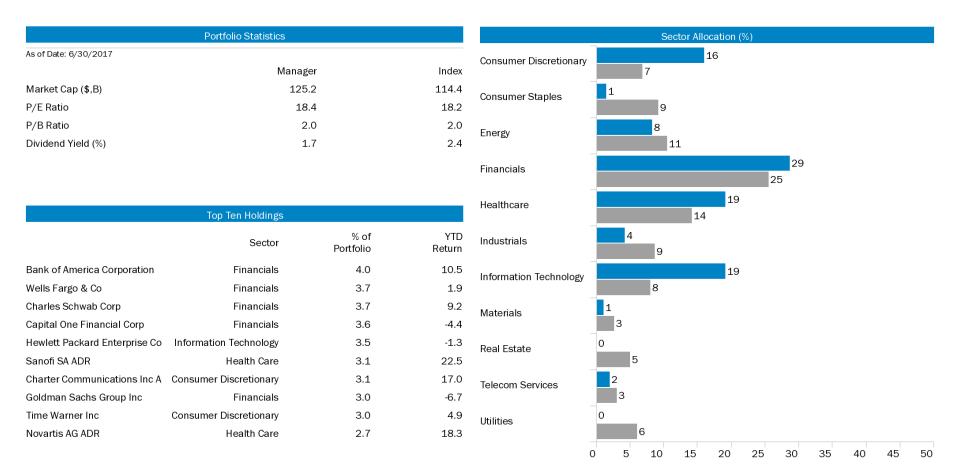
Note: Illustrative performance shown prior to manager inception. Returns less than one year are not annualized.



# **Manager Performance Review**



#### Dodge & Cox Stock As of 6/30/2017



Dodge & Cox Stock

Russell 1000 Value Index



#### Dodge & Cox Stock As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Value



Dodge & Cox Stock

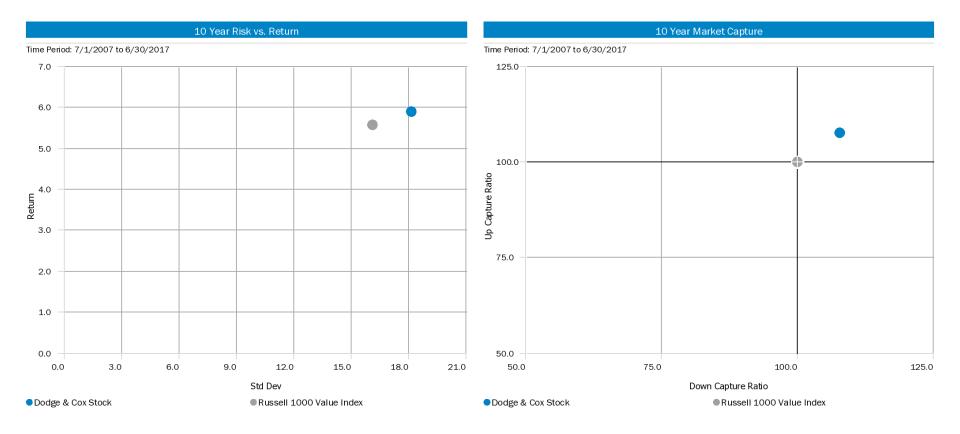
Russell 1000 Value Index

Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
Dodge & Cox Stock	1.8	6.8	28.6	16.4	5.9					
Peer group percentile	52	23	2	1	36					
Russell 1000 Value Index	1.3	4.7	15.5	13.9	5.6					
Peer group percentile	67	68	60	17	44					
25th Percentile	2.5	6.7	19.0	13.6	6.3					
50th Percentile	1.8	5.6	16.5	12.8	5.4					
75th Percentile	1.2	4.3	13.8	11.8	4.4					



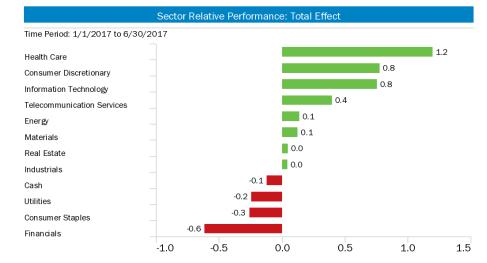
#### Dodge & Cox Stock As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	0.1	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	6.8	8.5	16.4	5.9
Russell 1000 Value Index	-0.2	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	4.7	7.4	13.9	5.6



EARS

# Dodge & Cox Stock As of 6/30/2017



Top 5 Stock Relative Performers												
Relative Weights*	Return	Active Return										
3.1	17.0	0.3										
0.4	113.0	0.3										
1.2	27.6	0.2										
2.0	17.2	0.2										
2.4	17.7	0.2										
Bottom 5 Stock Relative Performers												
Relative Performers	3											
Relative Performers Relative Weights*	Return	Active Return										
Relative												
Relative Weights*	Return	Return										
Relative Weights* 3.2	Return -2.6	Return -0.4										
Relative Weights* 3.2 3.3	Return -2.6 -4.4	Return -0.4 -0.3										
	Relative Weights* 3.1 0.4 1.2 2.0	Relative Weights*         Return           3.1         17.0           0.4         113.0           1.2         27.6           2.0         17.2										

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	10.1	1.5	4.5	5.8	0.3	0.1	0.6	0.8
Consumer Staples	1.5	11.0	0.2	8.4	8.9	0.7	-0.3	0.0	-0.3
Energy	8.1	-20.6	-1.9	12.3	-13.1	-1.8	0.8	-0.7	0.1
Financials	28.2	3.8	1.1	26.6	6.0	1.6	0.0	-0.6	-0.6
Health Care	18.1	18.1	3.2	10.7	15.8	1.6	0.8	0.4	1.2
Industrials	4.1	11.7	0.5	10.2	7.1	0.7	-0.1	0.2	0.0
Information Technology	18.7	11.6	2.1	9.8	10.0	0.9	0.5	0.3	0.8
Materials	1.0	21.7	0.2	2.9	6.2	0.2	0.0	0.2	0.1
Real Estate	0.0		0.0	4.7	3.6	0.2	0.0	0.0	0.0
Telecommunication Services	1.9	-3.3	-0.1	3.6	-9.7	-0.4	0.3	0.1	0.4
Utilities	0.0		0.0	6.2	8.6	0.5	-0.2	0.0	-0.2
Cash	2.7	0.4	0.0	0.0		0.0	-0.1	0.0	-0.1
Attribution Total	100.0	6.8	6.8	100.0	4.6	4.6	1.6	0.6	2.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



# Vanguard 500 Index As of 6/30/2017

	Portfolio Statis	tics		Sector Allocation (%)					
As of Date: 6/30/2017				Consumer Discretionar	12				
		Manager	Index		12				
Market Cap (\$,B)		168.7	168.9	Consumer Staples	9				
P/E Ratio		21.5	21.6		9				
P/B Ratio		3.0	3.0	Energy	6				
Dividend Yield (%)		1.9	1.9	Linergy	6				
				Financials	14 15				
	Top Ten Holdir	ngs		Healthcare	14 15				
	Sector	% of Portfolio	YTD Return	Industrials	10 10				
Apple Inc	Information Technology	3.9	25.4	Information Technology	23				
Microsoft Corp	Information Technology	2.6	12.2	mormation recimology	22				
Amazon.com Inc	Consumer Discretionary	1.9	29.1	Materials	3				
Facebook Inc A	Information Technology	1.7	31.2	Materials	3				
Johnson & Johnson	Health Care	1.7	16.2	Real Estate	3				
Exxon Mobil Corp	Energy	1.6	-8.9	Real Estate	3				
Berkshire Hathaway Inc B	Financials	1.4	3.9	Telecom Services	2				
JPMorgan Chase & Co	Financials	1.4	7.1		2				
Alphabet Inc A	Information Technology	1.4	17.3	Utilities	3				
Alphabet Inc C	Information Technology	1.4	17.7	oundes	3				
					0 5 10 15 20 25 30 35 40 45 50				

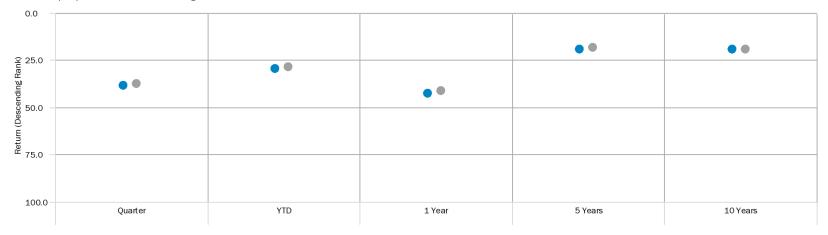
Vanguard 500 Index

■S&P 500 Index



# Vanguard 500 Index As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Blend



Vanguard 500 Index

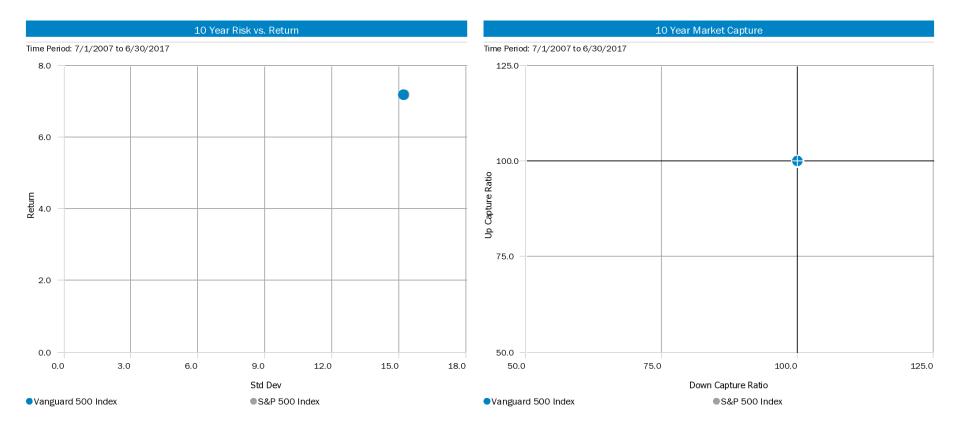
S&P 500 Index

		Trailing R	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Vanguard 500 Index	3.1	9.3	17.9	14.6	7.2
Peer group percentile	38	29	42	19	19
S&P 500 Index	3.1	9.3	17.9	14.6	7.2
Peer group percentile	37	28	41	18	19
25th Percentile	3.4	9.4	19.3	14.4	7.0
50th Percentile	3.0	8.8	17.5	13.8	6.4
75th Percentile	2.4	7.6	15.4	12.6	5.6



# Vanguard 500 Index As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	5.5	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	9.3	9.6	14.6	7.2
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2



Source: Morningstar Direct



	Portfolio Sta	atistics			Sector Allocation (%)
As of Date: 6/30/2017				Consumer Discretionary	25
		Manager	Index	Consumer Discretionary	19
Market Cap (\$,B)		202.4	190.6	Consumer Staples	2
P/E Ratio		31.3	25.8	consumer staples	8
P/B Ratio		4.9	6.3	Energy	0
Dividend Yield (%)	0.7		1.4	Energy	1
				Financials	9
	Top Ten Ho	ldings		Healthcare	17
	Sector	% of Portfolio	YTD Return	Industrials	8
Amazon.com Inc	Consumer Discretionary	8.4	29.1	Information Technology	36
Facebook Inc A	Information Technology	5.2	31.2	intornation reciniology	36
The Priceline Group Inc	Consumer Discretionary	4.6	27.6	Materials	0
Alphabet Inc C	Information Technology	4.2	17.7	Materials	4
Microsoft Corp	Information Technology	3.5	12.2	Real Estate	2
Visa Inc Class A	Information Technology	3.1	20.6		3
Mastercard Inc A	Information Technology	2.6	18.1	Telecom Services	0
Alphabet Inc A	Information Technology	2.3	17.3		1
	Health Care	2.3	8.8	Utilities	0
Danaher Corp	rrealiti eare				

T. Rowe Price Blue Chip Growth

Russell 1000 Growth Index





Peer Group: Open End Funds - U.S. - Large Growth

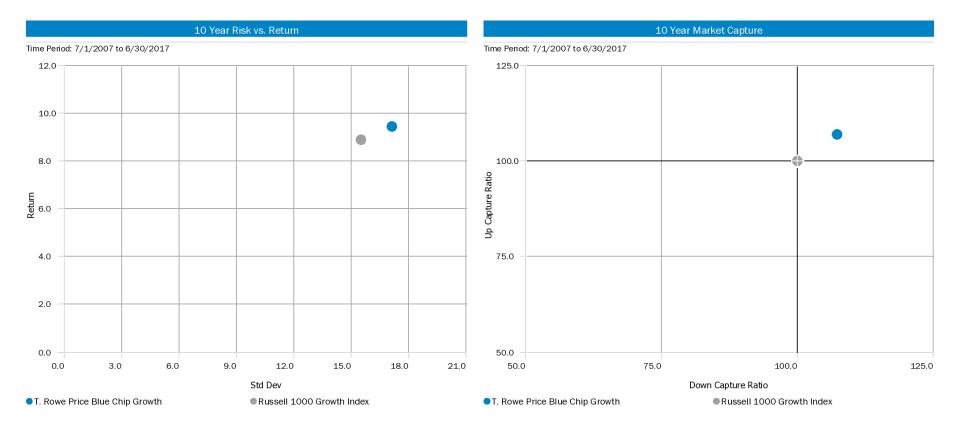
• T. Rowe Price Blue Chip Growth

Russell 1000 Growth Index

		Trailing Re	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
T. Rowe Price Blue Chip Growth	8.1	19.4	28.0	17.0	9.5
Peer group percentile	7	8	6	5	9
Russell 1000 Growth Index	4.7	14.0	20.4	15.3	8.9
Peer group percentile	55	51	44	23	18
25th Percentile	6.2	16.9	22.2	15.2	8.6
50th Percentile	4.9	14.1	19.9	14.1	7.7
75th Percentile	3.9	11.5	17.5	12.8	6.6



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T. Rowe Price Blue Chip Growth	13.0	-42.6	42.6	16.4	1.5	18.4	41.6	9.3	11.1	1.1	19.4	12.5	17.0	9.5
Russell 1000 Growth Index	11.8	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	14.0	11.1	15.3	8.9





	Sector Rela	tive Performar	nce: Total Effect		Top 5 S	Stock Relative Performers		
Time Period: 1/1/2017 to 6/30	)/2017			2.1		Relative Weights*	Return	Active Return
Consumer Discretionary	_				Amazon.com Inc	5.5	29.1	0.8
Information Technology	_			2.0	Alibaba Group Holding Ltd ADR	2.1	60.5	0.8
Consumer Staples	_		0.5		The Priceline Group Inc	3.7	27.6	0.5
Real Estate	_		0.4		Tencent Holdings Ltd	1.6	46.5	0.4
Telecommunication Services	_		0.3		American Tower Corp	1.3	26.5	0.2
Industrials	_	0.2	2		Bottom 5	Stock Relative Performers	5	
Energy Health Care		0.1				Relative Weights*	Return	Active Return
Materials	_	0.0			Apple Inc	-4.9	25.4	-0.3
		0.0						0.0
Utilities	_				O'Reilly Automotive Inc	0.6	-21.4	-0.2
Utilities Cash	-0.3				O'Reilly Automotive Inc Morgan Stanley	0.6 2.0	-21.4 6.4	-0.2
	-0.3			1.5 2.3	Morgan Stanley Danaher Corp			

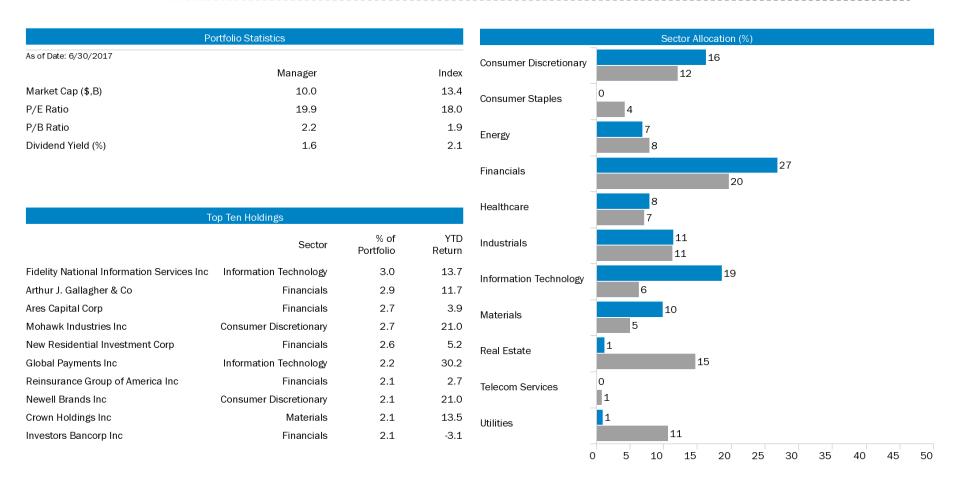
Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	24.3	21.7	5.2	20.9	13.1	2.7	0.0	2.1	2.1
Consumer Staples	2.6	5.9	0.2	9.2	6.5	0.6	0.5	0.0	0.5
Energy	0.0		0.0	0.5	-16.1	-0.1	0.2	0.0	0.2
Financials	8.9	9.5	0.9	2.8	14.8	0.4	0.0	-0.5	-0.5
Health Care	17.4	17.4	3.1	15.9	16.9	2.7	0.0	0.1	0.1
Industrials	7.9	12.6	1.0	10.8	10.8	1.2	0.1	0.1	0.2
Information Technology	34.5	25.0	8.3	32.5	19.2	6.1	0.1	1.9	2.0
Materials	0.4	15.1	0.1	3.6	12.2	0.4	0.1	0.0	0.1
Real Estate	2.0	25.8	0.5	2.8	9.3	0.3	0.0	0.3	0.4
Telecommunication Services	0.0		0.0	1.0	-12.5	-0.1	0.3	0.0	0.3
Utilities	0.3	19.0	0.1	0.0	2.0	0.0	0.0	0.1	0.0
Cash	1.8	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	19.3	19.3	100.0	14.2	14.2	1.0	4.1	5.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



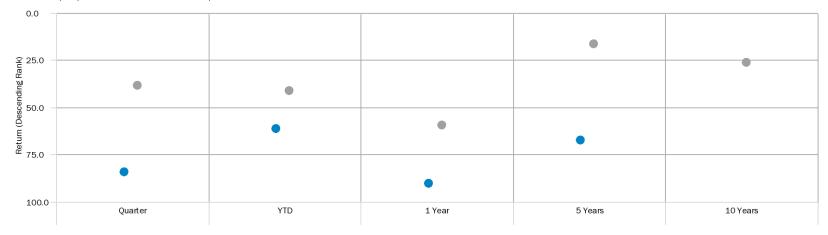


Natixis Vaughan Nelson Value Opp

Russell Mid Cap Value Index



Peer Group: Open End Funds - U.S. - Mid-Cap Value



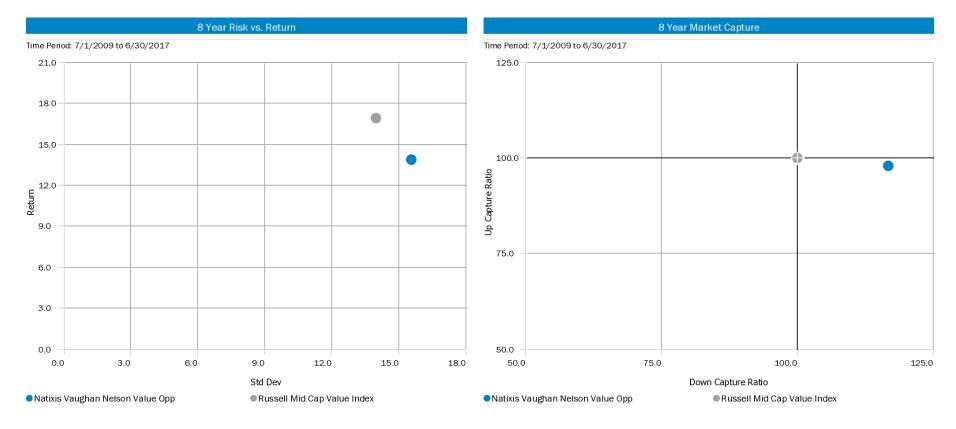
Natixis Vaughan Nelson Value Opp

Russell Mid Cap Value Index

		Trailing Ret	urns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	-0.2	4.0	12.6	12.8	
Peer group percentile	84	61	90	67	
Russell Mid Cap Value Index	1.4	5.2	15.9	15.1	7.2
Peer group percentile	38	41	59	16	26
25th Percentile	1.8	6.3	19.8	14.7	7.2
50th Percentile	0.9	4.5	16.4	13.9	6.3
75th Percentile	0.1	3.1	15.0	12.4	5.5



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Natixis Vaughan Nelson Value Opp			31.4	20.0	-2.5	16.3	41.5	11.2	-3.5	6.1	4.0	3.1	12.8	
Russell Mid Cap Value Index	-1.4	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	5.2	7.5	15.1	7.2





Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 1.6 Information Technology 0.9 Consumer Discretionary 0.9 Materials 0.3 Real Estate 0.1 Telecommunication Services 0.0 Consumer Staples 0.0 Cash -0.1 Health Care Utilities -0.9 Industrials -1.0 Energy -1.0 Financials -0.8 0.0 0.8 1.5 2.3 -1.5

Тор 5	Stock Relative Performers		
	Relative Weights*	Return	Active Return
RingCentral Inc Class A	1.2	77.4	0.5
Grand Canyon Education Inc	2.2	34.1	0.5
Packaging Corp of America	1.5	33.0	0.4
Avery Dennison Corp	1.4	27.2	0.3
Global Payments Inc	2.2	30.2	0.3
Bottom	5 Stock Relative Performers	3	
	Relative Weights*	Return	Active Return
HD Supply Holdings Inc		Return -27.9	
HD Supply Holdings Inc QEP Resources Inc	Weights*		Return
	Weights* 1.7	-27.9	Return -0.6
QEP Resources Inc	Weights* 1.7 1.3	-27.9 -45.1	Return -0.6 -0.6

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	14.2	14.3	2.1	8.6	10.2	0.9	0.3	0.6	0.9
Consumer Staples	0.0		0.0	3.2	5.2	0.2	0.0	0.0	0.0
Energy	7.3	-34.0	-3.0	9.6	-17.9	-1.9	0.6	-1.6	-1.0
Financials	26.7	1.6	0.4	19.8	5.6	1.1	0.0	-1.1	-1.0
Health Care	10.6	8.9	0.9	4.2	15.1	0.6	0.6	-0.7	-0.1
Industrials	11.6	1.0	0.2	12.9	8.6	1.1	0.0	-0.8	-0.9
Information Technology	18.2	18.8	3.3	9.2	14.1	1.2	0.8	0.8	1.6
Materials	8.9	14.2	1.3	6.1	4.3	0.3	0.1	0.8	0.9
Real Estate	0.9	17.6	0.2	14.0	3.6	0.5	0.2	0.1	0.3
Telecommunication Services	0.0		0.0	1.2	-3.0	0.0	0.1	0.0	0.1
Utilities	0.2	2.2	0.0	11.2	8.7	0.9	-0.4	0.0	-0.4
Cash	1.5	0.3	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	5.3	5.3	100.0	4.9	4.9	2.1	-1.7	0.4

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Deried: 1 /1 /0017 to 6 /20 /0017

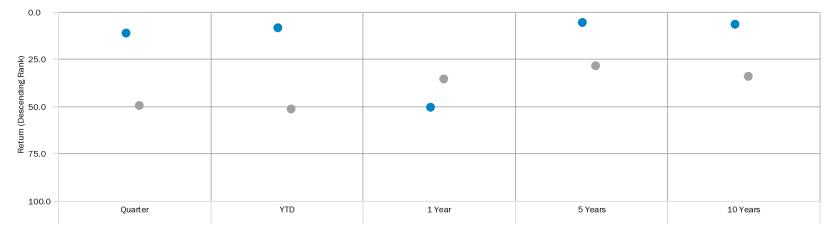


	Portfolio Statistics				Sector Allocation (%)
as of Date: 6/30/2017				Consumer Discretionary	13
	Manager		Index	concurrer Diccreatinary	14
Market Cap (\$,B)	6.6		2.3	Consumer Staples	1
P/E Ratio	30.4		26.5	concurrer capico	3
P/B Ratio	4.7		4.2	Energy	1
Dividend Yield (%)	0.6		0.7		1
				Financials	10 6
	Top Ten Holdings			Healthcare	22
		% of	YTD		17
	Sector	Portfolio	Return	Industrials	17
CoStar Group Inc	Information Technology	2.9	39.8	Information Technology	24
Copart Inc	Industrials	2.6	14.7	information rechnology	24
igand Pharmaceuticals Inc	Health Care	2.6	19.5	Materials	6
Six Flags Entertainment Corp	Consumer Discretionary	2.4	1.6	Materials	5
/eeva Systems Inc Class A	Health Care	2.4	50.6	Real Estate	5
Guidewire Software Inc	Information Technology	2.3	39.3	Nour Estate	4
BA Communications Corp	Real Estate	2.3	30.6	Telecom Services	0
3WX Technologies Inc	Industrials	2.3	23.3		1
2 Global Inc	Information Technology	2.3	4.9	Utilities	0
Booz Allen Hamilton Holding Corp	Information Technology	2.2	-8.8	0411400	1

■William Blair Small-Mid Cap Growth

Russell 2000 Growth Index





Peer Group: Open End Funds - U.S. - Small Growth

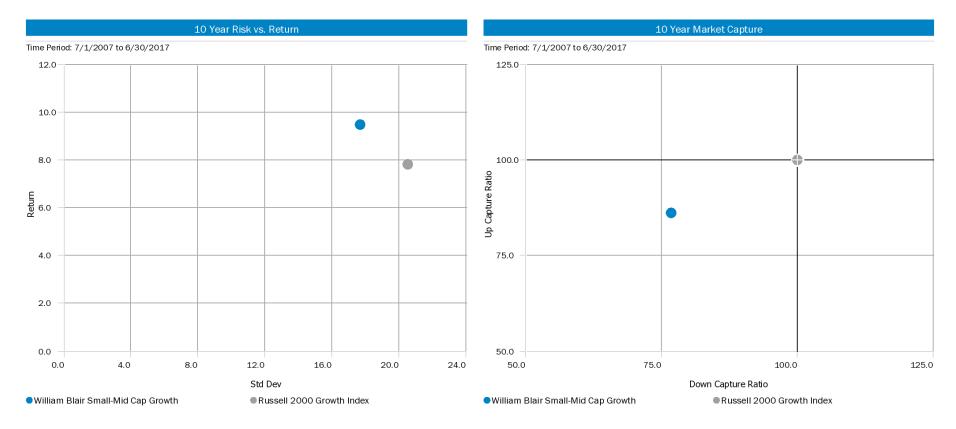
William Blair Small-Mid Cap Growth

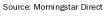
Russell 2000 Growth Index

Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
William Blair Small-Mid Cap Growth	6.7	16.1	22.6	16.4	9.5					
Peer group percentile	11	8	50	5	6					
Russell 2000 Growth Index	4.4	10.0	24.4	14.0	7.8					
Peer group percentile	49	51	35	28	34					
25th Percentile	5.6	12.8	25.9	14.1	8.1					
50th Percentile	4.3	10.1	22.6	12.9	7.3					
75th Percentile	2.8	7.3	20.3	11.6	6.4					



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
William Blair Small-Mid Cap Growth	12.5	-37.5	44.3	23.1	0.0	12.4	41.9	8.6	4.7	6.7	16.1	11.3	16.4	9.5
Russell 2000 Growth Index	7.0	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	10.0	7.6	14.0	7.8







Time Period: 1/1/2017 to 6/30/20		number rotan	Effect			Top 5 St	ock Relative Performers		
	17			3.0			Relative Weights*	Return	Active Return
Health Care			1.4	3.0		Exact Sciences Corp	1.2	164.7	1.1
ndustrials			1.4			CoStar Group Inc	2.7	39.8	0.7
Real Estate		1.1				Akorn Inc	0.9	53.2	0.6
nformation Technology		1.0				Guidewire Software Inc	2.0	39.3	0.5
Financials	0.3					Arista Networks Inc	1.3	54.8	0.5
Consumer Staples	0.3					Bottom 5	Stock Relative Performers		
Materials	0.1						Relative		Active
Jtilities	0.0						Weights*	Return	Return
Energy	-0.1					Tractor Supply Co	2.3	-27.9	-0.9
Felecommunication Services	-0.1					Akamai Technologies Inc	1.0	-29.3	-0.6
Cash	-0.2					Booz Allen Hamilton Holding Corp	2.1	-8.9	-0.5
Consumer Discretionary	-0.3					<b>.</b> .			
	-1.0 0.0	1.0	2.0	3.0	4.0	Pandora Media Inc TransDigm Group Inc	0.6 0.8	-31.6 -11.6	-0.3 -0.2

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.5	1.4	0.1	15.0	4.4	0.7	0.1	-0.4	-0.3
Consumer Staples	2.4	10.1	0.2	3.1	-1.3	0.0	0.1	0.2	0.3
Energy	1.8	-27.6	-0.5	1.3	-32.5	-0.5	-0.3	0.2	-0.1
Financials	11.2	8.9	1.0	5.6	2.2	0.1	-0.4	0.7	0.3
Health Care	19.8	43.7	7.9	21.4	24.5	5.0	-0.2	3.2	3.0
Industrials	17.2	10.6	1.9	16.1	2.2	0.4	-0.1	1.5	1.4
Information Technology	22.5	16.3	3.6	25.1	11.8	2.9	0.0	1.0	1.0
Materials	5.8	13.6	0.8	5.3	11.7	0.6	0.0	0.1	0.1
Real Estate	4.6	34.2	1.5	5.5	9.4	0.5	0.0	1.1	1.1
Telecommunication Services	0.0		0.0	0.8	24.4	0.2	-0.1	0.0	-0.1
Utilities	0.0		0.0	0.8	7.3	0.1	0.0	0.0	0.0
Cash	2.2	0.4	0.0	0.0		0.0	-0.2	0.0	-0.2
Attribution Total	100.0	16.6	16.6	100.0	10.0	10.0	-0.9	7.6	6.7

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



# 

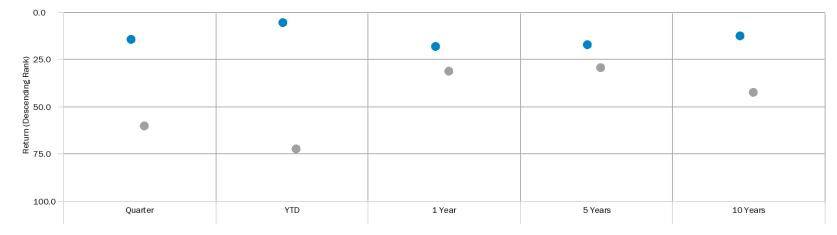
Regional	Allocation (%)				Sector Allocation (%)
	Manager		Index	Concurrer Discretionen	15
North America	6.3		1.2	Consumer Discretionary	12
Latin America Emerging	2.0		0.0		
United Kingdom	12.5		17.2	Consumer Staples	7
Europe Developed	26.3		45.2		12
Europe Emerging	0.4		0.0	_	7
Africa/Middle East	1.8		0.6	Energy	5
Japan Australia/New Zealand	16.2 0.7		23.5 7.1		-
Asia Developed	14.2		7.1 4.6	Financials	19
Asia Emerging	14.2		4.8 0.5		21
Asia Lineiging	19.0		0.5		8
Top T				Healthcare	
Top Ie	en Holdings				11
	Sector	% of	YTD	Industrials	10
		Portfolio	Return		15
Samsung Electronics Co Ltd	Information Technology	2.6	39.7	Information Technology	19
Alibaba Group Holding Ltd ADR	Information Technology	2.1	60.5	internation recimology	6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	25.8	Materials	7
AIA Group Ltd	Financials	2.1	31.0	Materials	8
Tencent Holdings Ltd	Information Technology	1.9	46.5	Real Estate	2
HDFC Bank Ltd	Financials	1.8	44.8	Near Estate	4
SoftBank Group Corp	Telecommunication Services	1.8	21.9	Telecom Services	4
Airbus SE	Industrials	1.6	26.2		4
Reliance Industries Ltd	Energy	1.6	33.9	Utilities	3
Sony Corp	Consumer Discretionary	1.5	36.2	Sandos	3
	-				

American Funds Europacific Growth

■MSCI EAFE Index



# American Funds Europacific Growth As of 6/30/2017



Peer Group: Open End Funds - U.S. - Foreign Large Blend

• American Funds Europacific Growth

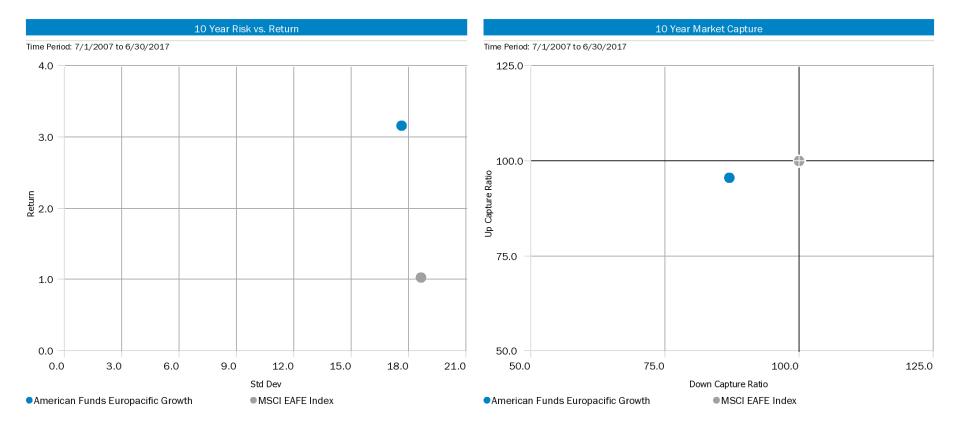
MSCI EAFE Index

Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
American Funds Europacific Growth	7.6	17.6	21.8	9.2	3.2					
Peer group percentile	14	5	18	17	12					
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0					
Peer group percentile	60	72	31	29	42					
25th Percentile	6.8	15.7	20.9	8.8	1.8					
50th Percentile	6.3	14.6	19.3	7.9	0.8					
75th Percentile	5.8	13.6	17.3	7.0	0.0					



# American Funds Europacific Growth As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	19.0	-40.5	39.1	9.4	-13.6	19.2	20.2	-2.6	-0.8	0.7	17.6	3.4	9.2	3.2
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0





EARS

# American Funds Europacific Growth As of 6/30/2017

	Sector Rel	ative Perfor	mance: Total	Effect		Top 5 S	tock Relative Performers		
Period: 1/1/2017 to 6/30	/2017				3.0		Relative Weights*	Return	
mation Technology	-		1.3	,	3.0	Alibaba Group Holding Ltd ADR	2.1	60.5	
umer Discretionary	_			,		HDFC Bank Ltd	1.8	44.8	
cials	_		1.2			Reliance Industries Ltd	1.3	33.9	
rials	_		0.5			Tencent Holdings Ltd	1.9	46.5	
Estate	_	0.3				Nintendo Co Ltd	1.4	62.0	
ommunication Services	_	0.2				Bottom 5	Stock Relative Performers	5	
es rials	-0.2	0.0					Relative Weights*	Return	
ý	_					Barclays PLC	1.1	-3.8	
Care	-0.3					Fairfax Financial Holdings Ltd	0.5	-8.6	
ımer Staples	-0.3					Novo Nordisk A/S B	0.6	20.7	
	-0.5					,	0.7		
h	-0.5					AmorePacific Corp	0.7	-0.2	

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	13.6	20.0	2.7	12.4	10.6	1.3	0.0	1.3	1.3
Consumer Staples	6.6	14.8	1.0	10.3	17.4	1.8	-0.1	-0.2	-0.3
Energy	6.2	-2.2	-0.1	5.1	-2.2	-0.1	-0.2	0.0	-0.2
Financials	17.9	22.2	4.0	21.2	15.4	3.3	0.0	1.2	1.2
Health Care	7.8	13.9	1.1	10.7	16.5	1.8	-0.1	-0.2	-0.3
Industrials	9.8	23.7	2.3	14.3	17.1	2.4	-0.1	0.6	0.5
Information Technology	17.6	34.8	5.9	5.7	22.4	1.2	1.0	2.0	3.0
Materials	7.0	10.7	0.8	8.1	11.7	0.9	0.0	0.0	0.0
Real Estate	1.6	24.9	0.4	3.7	10.9	0.4	0.1	0.2	0.3
Telecommunication Services	4.2	15.9	0.7	4.4	10.4	0.5	0.0	0.2	0.2
Utilities	3.1	22.9	0.7	3.3	15.8	0.5	0.0	0.2	0.2
Cash	4.5	0.4	0.0	0.9	0.4	0.0	-0.5	0.0	-0.5
Attribution Total	100.0	19.3	19.3	100.0	14.0	14.0	0.0	5.4	5.4

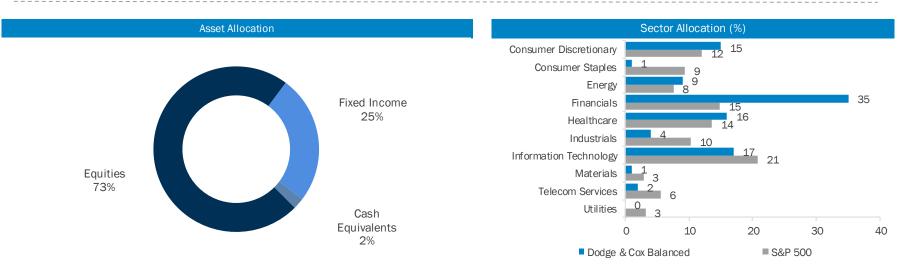
\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Baried: 1/1/2017 to 6/20/2017



# Dodge & Cox Balanced As of 3/31/2017



	Top Ten Holdings		
		% of	YTD
	Sector	<u>Porfolio</u>	Return
Wells Fargo & Co.	Financials	4.3%	-16.5%
JPMorgan Chase & Co.	Financials	3.4%	1.2%
Bank of America Corp.	Financials	3.2%	-6.0%
Capital One Financial Corp.	Information Technology	2.7%	50.4%
Charles Schwab Corp.	Consumer Discretionary	2.7%	19.0%
Hewlett Packard Enterprise Co.	Health Care	2.4%	-3.5%
Goldman Sachs Group, Inc.	Health Care	2.4%	-5.1%
Time Warner, Inc.	Consumer Discretionary	2.2%	25.0%
Sanofi (France)	Consumer Discretionary	2.1%	33.3%
Charter Communications, Inc.	Information Technology	2.0%	5.8%

lio Bond Characteristics	ics	Characteri	Bond	olio

	Dodge & Cox	BC Agg Index
Duration	4.1 yrs	5.5 yrs
Average Maturity	8.6 yrs	7.8 yrs
Average Quality	AA	AA
Yield-to-Maturity	3.4%	2.0%
% Non-Investment Grade	3%	0%

Portfo

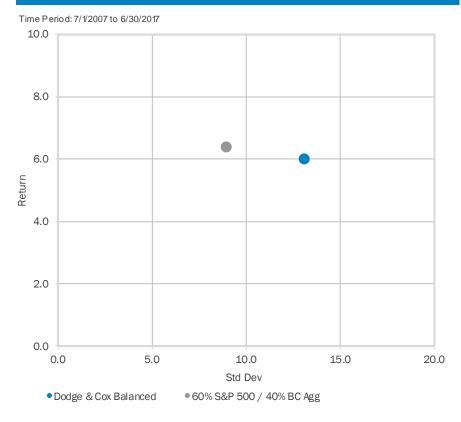
Note: Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



# Dodge & Cox Balanced As of 6/30/2017

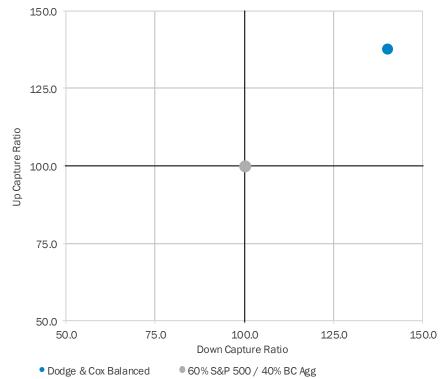
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Balanced	1.7	-33.6	28.4	12.2	-1.7	18.3	28.4	8.9	-2.9	16.6	5.4	6.9	12.7	6.0
60% S&P 500 / 40% BC Agg	6.2	-22.1	18.4	12.1	4.7	11.3	17.6	10.6	1.3	8.3	6.5	6.9	9.6	6.4

### 10 Year Risk vs. Return



### 10 Year Market Capture

Time Period: 7/1/2007 to 6/30/2017





# Fixed Income Overview: MetWest Total Return Bond As of 3/31/2017

Portfolio Characteristics	MetWest Total Return Bond	Barclays Aggregate Bond	Maturity Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
Duration	5.6 yrs	6.0 yrs	0-1 Years	11%	<b>O</b> %
			1-3 Years	10%	21%
Average Maturity	7.2 yrs	8.2 yrs	3-5 Years	21%	20%
Average Quality	_	AA	5-10 Years	42%	42%
Yield to Maturity	3.0%	2.6%	10-20 Years	6%	6%

20+ Years

Sector Allocation	MetWest Total Return Bond	Barclays Aggregate Bond
Cash	3%	0%
U.S. Treasury	24%	37%
Direct Agency	0%	2%
Agency Mortgages	25%	28%
Non-Agency Mortgages	7%	0%
CMBS	6%	2%
Asset-Backed	6%	0%
Investment Grade Corp.	26%	21%
Non-Investment Grade Corp.	2%	0%
Municipals	1%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
AAA	60%	72%
AA	5%	5%
А	20%	10%
BBB	10%	14%
Below Investment Grade	5%	<b>O</b> %
Other	0%	0%

9%

12%

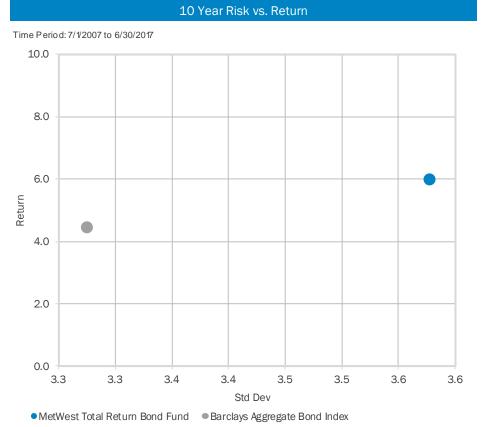
Note: All data provided by the investment manager.

Note: Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.

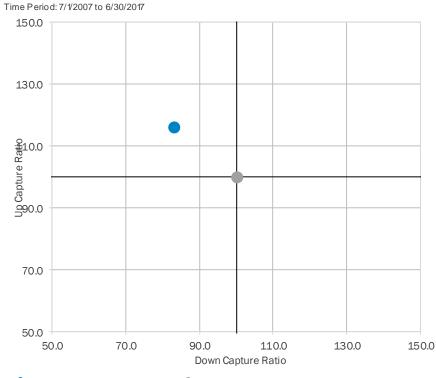


# MetWest Total Return Bond Fund As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Total Return Bond Fund	6.5	-1.3	17.3	11.7	5.5	11.5	0.5	6.0	0.3	2.5	2.2	2.3	3.5	6.0
Barclays Aggregate Bond Index	7.0	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	2.3	2.5	2.2	4.5

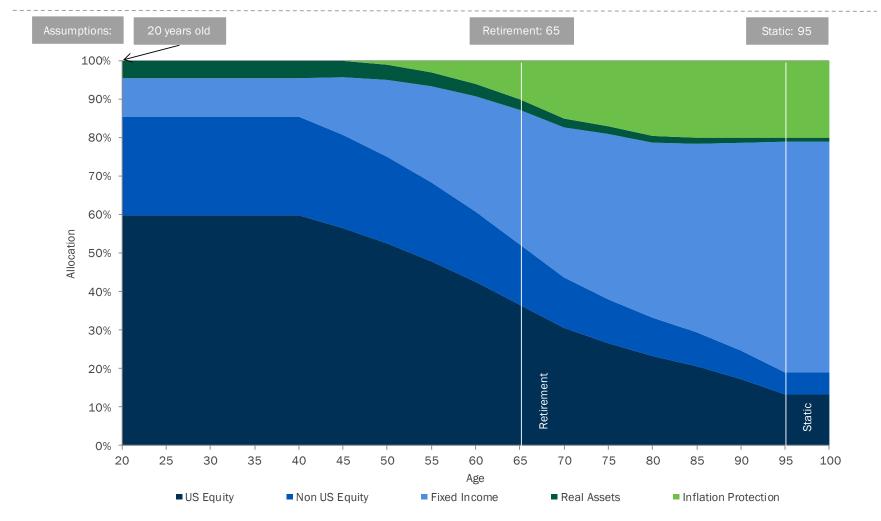


### 10 Year Market Capture



MetWest Total Return Bond Fund
 Barclays Aggregate Bond Index





# Glide Path Overview: T. Rowe Price Retirement Date Funds

Note: All data provided by the investment manager.

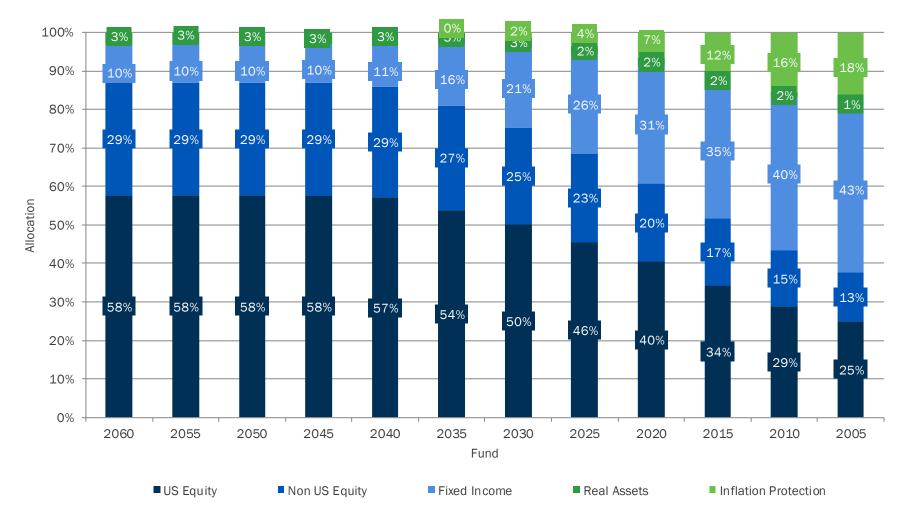


# Fund Composition Overview: T. Rowe Price (To Retirement)

	Equity Index 500 Fund	Growth Stock Fund	Value Fund	Mid-Cap Growth Fund		Small-Cap Value Fund		New Horizons Fund	International Growth and Income Fund		International Stock Fund	Emerging Markets Stock Fund	Real Assets Fund	New Income Fund	High Yield Fund	International Bond Fund	Emerging Markets Bond Fund	Inflation Focused Bond Fund
2005 Fund	20%	0%	0%	1%	1%	1%	1%	1%	4%	4%	3%	2%	1%	30%	4%	4%	4%	18%
2010 Fund	23%	0%	0%	1%	2%	1%	1%	1%	4%	4%	4%	2%	2%	28%	4%	4%	4%	16%
2015 Fund	22%	3%	2%	2%	2%	1%	1%	1%	5%	5%	4%	3%	2%	25%	4%	4%	4%	12%
2020 Fund	18%	7%	7%	2%	2%	1%	1%	1%	6%	6%	5%	3%	2%	21%	3%	3%	3%	7%
2025 Fund	15%	11%	10%	2%	3%	2%	2%	1%	6%	7%	6%	4%	3%	18%	3%	3%	3%	4%
2030 Fund	12%	14%	13%	3%	3%	2%	2%	1%	7%	7%	6%	4%	3%	15%	2%	2%	2%	2%
2035 Fund	10%	17%	16%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	11%	2%	2%	2%	0%
2040 Fund	8%	19%	19%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	8%	1%	1%	1%	0%
2045 Fund	7%	20%	19%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	7%	1%	1%	1%	0%
2050 Fund	7%	20%	19%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	7%	1%	1%	1%	0%
2055 Fund	7%	20%	19%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	7%	1%	1%	1%	0%
2060 Fund	7%	20%	19%	3%	3%	2%	2%	1%	8%	8%	7%	5%	3%	7%	1%	1%	1%	0%



# Glide Path Overview: T. Rowe Price Retirement Date Funds



Note: All data provided by the investment manager.



# T. Rowe Price Target Retirement Funds

As of 6/30/2017

					Ret	urns (%)							
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)
T.Rowe Price Retirement Income	6.1	-18.4	22.1	10.1	1.4	10.1	9.2	3.9	-0.7	6.5	5.5	3.4	5.9
S&P Retirement Income Benchmark	6.2	-13.1	11.4	9.1	4.0		6.3	4.9	-0.2	5.0	4.0	3.2	4.8
T.Rowe Price Retirement 2005	6.7	-22.2	24.6	11.5	1.4	11.4	9.7	4.7	-0.7	6.7	5.8	3.7	6.4
S&P Retirement Income Benchmark	6.2	-13.1	11.4	9.1	4.0		6.3	4.9	-0.2	5.0	4.0	3.2	4.8
T.Rowe Price Retirement 2010	6.7	-26.7	27.9	12.7	0.5	12.4	11.9	5.0	-0.8	7.1	6.2	4.0	7.1
S&P Retirement 2010 Benchmark	6.4	-17.4	14.6	10.6	2.6	9.0	9.4		-0.2	5.8	4.8		5.9
T.Rowe Price Retirement 2015	6.7	-30.2	31.4	13.8	-0.3	13.8	15.2	5.4	-0.6	7.3	7.2	4.5	8.2
S&P Retirement 2015 Benchmark	6.5	-21.3	17.5	11.8	1.5	10.3	12.2	5.5	-0.2	6.6	5.6	4.2	7.0
T.Rowe Price Retirement 2020	6.7	-33.5	34.2	14.7	-1.2	15.0	18.1	5.6	-0.3	7.4	8.5	5.1	9.3
S&P Retirement 2020 Benchmark	6.6	-24.8	19.9	12.9	0.6	11.5	14.8		-0.2		6.3	4.6	
T.Rowe Price Retirement 2025	6.8	-35.9	36.3	15.4	-2.1	16.0	20.8	5.8	-0.2	7.5	9.6	5.6	10.2
S&P Retirement 2025 Benchmark	6.6	-27.8	22.0	13.8	-0.3	12.5	17.0	5.6	-0.3	7.8	7.0	4.9	8.7
T.Rowe Price Retirement 2030	6.8	-37.8	38.0	16.0	-2.7	16.8	23.1	6.1	0.0	7.7	10.6	6.0	11.0
S&P Retirement 2030 Benchmark		-30.5	23.7	14.5		13.4	19.1	5.6	-0.3	8.3	7.6	5.2	9.4
T.Rowe Price Retirement 2035	6.8	-38.9	39.0	16.3	-3.3	17.4	24.9	6.1	0.1	7.6	11.4	6.3	11.6
S&P Retirement 2035 Benchmark	7.0	-34.0	26.0	15.4	-2.2	14.7	22.1		-0.4	9.2	8.7	5.4	10.3
T.Rowe Price Retirement 2040	6.8	-38.9	39.1	16.5	-3.5	17.5	25.9	6.2	0.2	7.6	11.9	6.5	11.9
S&P Retirement 2040 Benchmark	7.0	-34.0	26.0	15.4	-2.2	14.7	22.1		-0.4	9.2	8.6		10.5
T.Rowe Price Retirement 2045	6.8	-38.8	39.1	16.4	-3.5	17.6	25.9	6.1	0.2	7.7	12.2	6.6	12.0
S&P Retirement 2045 Benchmark	7.0	-35.2	26.4	15.6	-2.6	15.1	23.1		-0.5	9.5	8.9	5.8	10.8
T.Rowe Price Retirement 2050	6.8	-38.8	38.9	16.4	-3.4	17.6	25.9	6.2	0.2	7.7	12.1	6.6	12.0
S&P 2050+ Benchmark						15.5	24.1		-0.5	9.7	9.2	6.0	12.2
T.Rowe Price Retirement 2055	6.8	-38.9	39.0	16.4	-3.3	17.6	25.9	6.2	0.2	7.7	12.1	6.6	12.0
S&P 2050+ Benchmark						15.5	24.1		-0.5	9.7	9.2	6.0	12.2



This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary. 55

# Stable Value Overview: T. Rowe Price As of 3/31/2017

100.0%

Asset Allocation	
Corporate, Foreign, Gov't. Entities	41.6%
U.S. Treasuries, Agencies, Other	27.1%
Mortgage Backed Securities	13.8%
Asset-Backed Securities	9.2%
Cash Reserves	6.6%
Guaranteed Investment Contracts (GICS)	1.7%

Fund Facts										
Effective Yield (%)	1.97%									
Average Maturity (Years)	3.1									
Average Credit Quality	AA									
Number of Holdings	12									
Assets in Fund (\$MM)	\$11,223.8									

Note: Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.

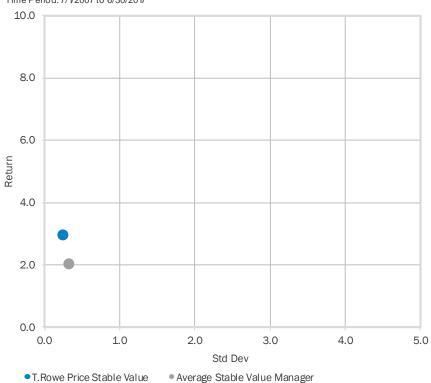


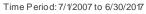
Total

# T.Rowe Price Stable Value As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T.Rowe Price Stable Value	4.6	4.6	4.1	4.1	3.3	2.4	2.2	2.0	1.7	1.8	0.9	1.9	2.0	2.9
Average Stable Value Manager	4.4	4.1	2.4	2.3	2.3	1.6	1.3	1.1	1.2	1.2	0.7	1.2	1.2	2.0









# **Investment Program Fee Review**



# Bi-State Development Agency 401(k) Plan Fee Summary As of June 30, 2017

		Manager	Annual Fee In	Morningstar Average
Investment Manager	Style	Expense Ratio	Dollar Terms	Expense Ratio
Dodge & Cox Stock	US Large Cap	0.52%	\$16,260	1.12%
Vanguard Index Trust 500	US Large Cap	0.05%	\$4,804	1.20%
T. Rowe Price Blue Chip Growth	US Large Cap	0.58%	\$9,345	1.18%
William Blair SMID Growth	US Mid Cap	1.10%	\$37,192	1.29%
Vaughan Nelson Value Opp.	US Small Cap	0.10%	\$6,805	1.36%
EuroPacific Growth	Non-US Equity	0.83%	\$16,429	1.18%
Dodge & Cox Balanced	<b>US Fixed Income</b>	0.43%	\$36,512	1.25%
MetWest Total Return Bond Fund	Balanced	0.53%	\$752	1.23%
T. Rowe Price Retirement Income	Income	0.56%	\$4,845	0.87%
T. Rowe Price Retirement 2005	2001-2005	0.58%	\$1,046	0.82%
T. Rowe Price Retirement 2010	2006-2010	0.58%	\$3,114	0.82%
T. Rowe Price Retirement 2015	2011-2015	0.62%	\$6,208	0.83%
T. Rowe Price Retirement 2020	2016-2020	0.66%	\$18,421	0.90%
T. Rowe Price Retirement 2025	2021-2025	0.69%	\$14,816	0.87%
T. Rowe Price Retirement 2030	2026-2030	0.72%	\$17,444	0.94%
T. Rowe Price Retirement 2035	2031-2035	0.74%	\$9,142	0.90%
T. Rowe Price Retirement 2040	2036-2040	0.75%	\$9,932	0.96%
T. Rowe Price Retirement 2045	2041-2045	0.75%	\$3,321	0.91%
T. Rowe Price Retirement 2050	2046-2050	0.75%	\$1,812	0.97%
T. Rowe Price Retirement 2055	2051+	0.75%	\$944	0.91%
T. Rowe Price Retirement 2060	2051+	0.75%	\$222	0.91%
T. Rowe Price Stable Value	Stable Value	0.45%	\$27,765	0.85%
Goldman Sachs Money Market	Money Market	0.18%	\$O	
Total Investment Management Fees <sup>(1)</sup>		0.50%	\$247,132	
Ellwood Associates Consulting Fee <sup>(2)</sup>		0.04%	\$17,973	
Lincoln Alliance Program Fee <sup>(3)</sup>		0.14%	\$69,164	
Total Fees		0.68%	\$334,269	

<sup>(1)</sup> Investment management fee calculated based on June 30, 2017 market values.

<sup>(2)</sup> Ellwood fee based on most recent invoice.

<sup>(3)</sup> Many of the mutual funds listed above participate in revenue sharing, which helps to offset a portion of Lincoln's expenses.

Note: Participants electing to invest in the self-directed brokerage option pay a \$100 fee, plus any trading costs associated with the account.



# Endnotes

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Updated 04/03/17

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### Updated 04/03/17

Attachment 3

# Second Quarter 2017 Performance Report

Bi-State Development Agency Salaried Pension Plan





# **Table of Contents**

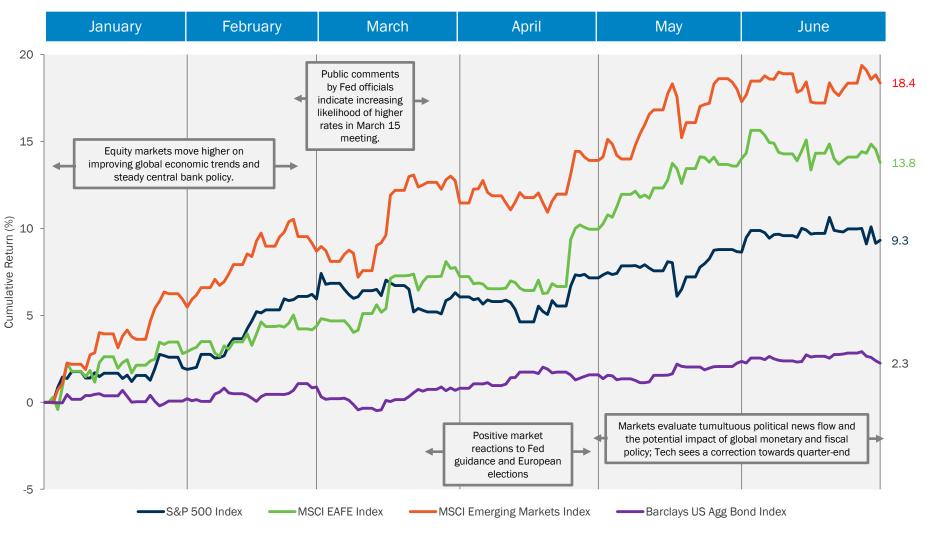
- I. Capital Markets Overview
- II. Pension Plan Portfolio Review
- III. Investment Manager Appendix
  - Manager Performance Review
  - Investment Program Fee Review



# 2<sup>nd</sup> Quarter 2017 Capital Markets Exhibits



### Year-To-Date Market Timeline



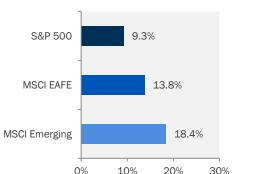
Source: Morningstar Direct, S&P, MSCI, Barclays



## **2017 Performance Drivers**

#### **Positive Performers**

#### 2017 YTD Index Performance



**Technology Sector** Tech % of 2017 Tech Index Index Sector Return S&P 500 22% 17% MSCI EAFE 6% 22% **MSCI** Emerging 24% 35% 20% 30%

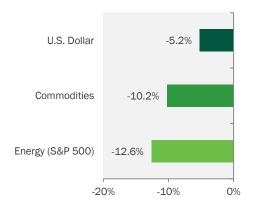
#### **Tech Sector Comments**

- Technology companies, which have driven innovation and disrupted traditional markets, continue to attract investor capital on a global basis despite rising valuations.
- "FAANG" stocks including Facebook (31%), Amazon (29%), Apple (25%), Netflix (21%) & Alphabet/Google (18%) drove U.S. technology performance.
- Within emerging markets, the "SATT" stocks, including Samsung (60%), Alibaba (61%), Tencent (48%) & Taiwan Semiconductor (26%) drove technology sector performance

(2017 YTD returns)

#### 2017 YTD Index Performance

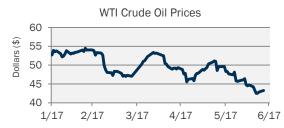
Source: S&P 500 Index, MSCI EAFE Index & MSCI Emerging Markets Index



Negative Performers

#### Oil/Energy

• Oil started the year trading at \$52 per barrel. Prices declined throughout the first half of the year as increased U.S. rig counts boosted supply offsetting production cuts from Russia and OPEC. Oil ended the second quarter at \$43/barrel.



#### U.S. Dollar

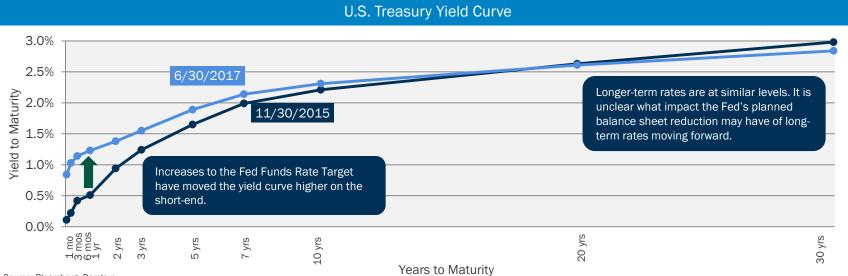
- The U.S. Dollar declined in 2017 following several years of relative strength.
- The Euro appreciated by 8.6% relative to the Dollar in 2017 as economic growth improved and populist threats waned.



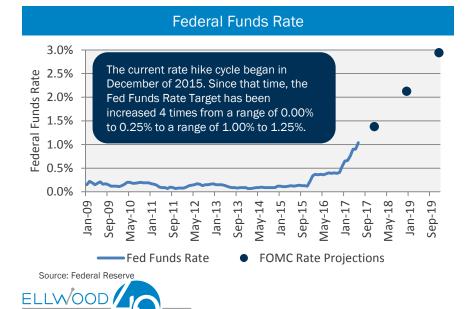
Source: Bloomberg, Factset Economics



## The Impact of Fed Rate Hikes on the Yield Curve



Source: Bloomberg, Barclays



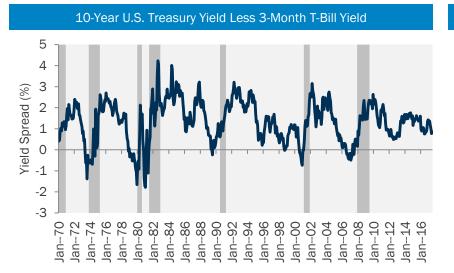
YEARS

Real Rates and Breakeven Inflation											
	5 Ye	5 Years 10 Years									
	Real Rates	Breakeven Inflation	Real Rates	Breakeven Inflation							
11/30/2015	0.35%	1.30%	0.62%	1.59%							
6/30/2017	0.26%	1.63%	0.58%	1.73%							
	Observations										

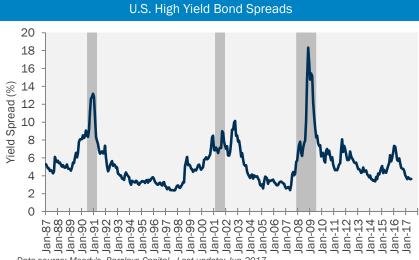
- The Fed rate hikes have not been able to push long-term real rates higher, and inflation expectations are only marginally higher suggesting longer-term growth expectations remain modest.
- In addition to the increases in the Fed Funds Rate, the Fed also announced plans to slowly reduce the size of its balance sheet by not reinvesting proceeds of maturing bonds.

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## **Economic Cycle Indicators**

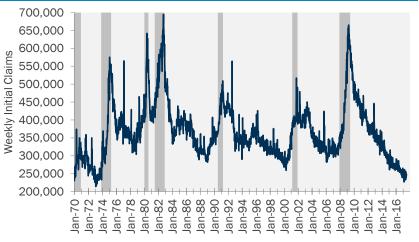


Data source: United States Treasury



Data source: Moody's, Barclays Capital. Last update: Jun 2017

#### **Unemployment Insurance Weekly Initial Claims**



Data source: US Department of Labor. Data is seasonally adjusted. Last update: Jun 2017

#### **Observations**

- The most common cause of a severe equity market correction is a recession.
- While there are no fail proof forward looking predicators of a recession, an inverted yield curve, increases in the unemployment rate, and widening high yield corporate bond spreads are among the more reliable predictors.
- None of these three predictors are currently indicating a recession is immininent.

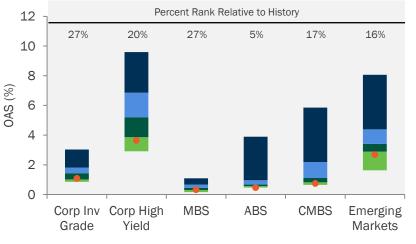


## Market Valuations and Volatility



- VIX

#### Fixed Income Spreads Relative to History



Source: Barclays

12/16

#### Observations

- Equity valuations, especially in the U.S., remain above historical averages. Expectations for strong corporate growth rates support higher valuations as shown by the more reasonable forward valuations.
- Bond spreads are tight (low incremental yield relative to Treasury bonds of a similar maturity) relative to historical ranges, indicating challenging valuations across bond markets.
- The market's current expectations for equity volatility is low compared to history.

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YEARS

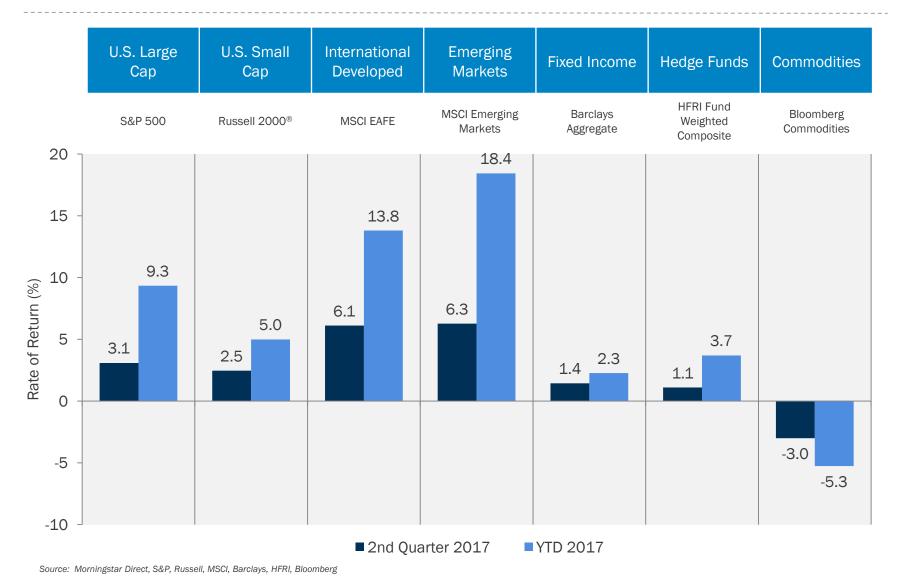
Source: CBOE, Morningstar

## An Updated View on the 2017 Outlook

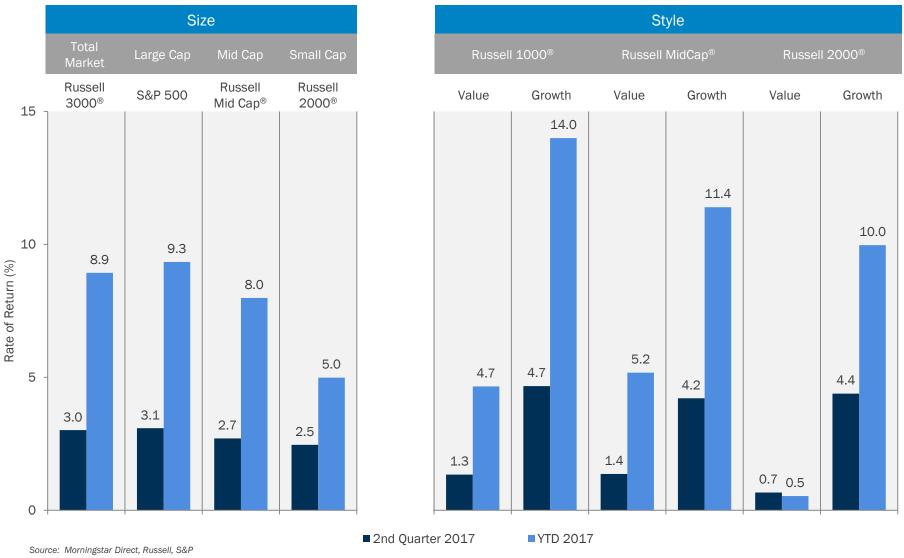
Theme	Upside Scenario	Downside Scenario	Current Status
Fiscal Policy Stimulus	Expansionary fiscal policy such as corporate tax cuts are <u>quickly agreed upon</u> , providing a swift boost to corporate earnings. Infrastructure spending and deregulation, while having a longer implementation period, also achieves consensus to move forward.	Fiscal hawks push back and <u>significantly</u> <u>delay</u> proposals, instead seeking tax reform and spending that does not increase the deficit or the national debt.	The timeliness and magnitude of pro- business policies have become more uncertain amid political gridlock.
Global Trade Policy	The tone of early trade negotiations is balanced, resulting in a framework that allows for <u>compromises</u> for both the US and its trade partners, mitigating concerns of negative impacts on economic growth and foreign policy relationship.	The administration uses its Presidential powers to quickly move forward with tariffs, provoking a <u>trade war</u> that has an abrupt negative impact on the revenue of exporters and its suppliers and causes a sharp upward spike in inflation expectations.	The appointment of US Trade Representative Robert Lighthizer should allow for clearer communications regarding future trade negotiations.
US Monetary Policy	The US Federal Reserve tightens monetary policy <u>in-line with market expectations</u> (currently two rate hikes for 2017).	High inflation surprises the Fed, leading to an <u>accelerated pace</u> of monetary policy tightening and resulting in a sharp spike in volatility across global equity, fixed income and currency markets.	Inflation has leveled off as energy prices have weakened.
Elections and Referendums	Concerns over elections outcomes – particularly in Europe – are overblown as <u>transfers of political party power are orderly</u> and proposed changes are more symbolic than economically-substantive, calming markets.	Anti-establishment candidates <u>sweep major</u> <u>European elections</u> , and amid unstable political coalitions, markets begin to price in a highly uncertain future for the EU and the Eurozone.	Losses by far-right candidates in Austria, and the Netherlands and France has significantly improved market sentiment.
China's Financial Conditions	China <u>successfully manages to moderate</u> ballooning debt levels and slow capital outflows without a negative impact on economic growth.	Capital <u>outflows sharply accelerate</u> , and China decides on a one-time large devaluation of the Yuan, creating turmoil and defaults in debt markets as liquidity dramatically falls.	China continues to roll out new regulations that clamp down on financial sector activities considered aggressive by Chinese regulators.



## **Market Overview**



## **U.S. Equity Market Performance**



Note: Russell Style Indices shown; Russell 3000®, Russell Mid Cap®, Russell 2000®.



### S&P 500 Scorecard

		Sect	or Returns		
	<u>Div.</u> <u>Yield<sup>(1)</sup></u>	<u>P/E</u> <u>Ratio<sup>(2)</sup></u>	<u>15-Yr</u> <u>Avg.</u> <sup>(3)</sup>		
Technology	1.4%	22.8x	21.3x	4.1%	Energ
Health Care	1.6%	23.7x	20.6x	7.1%	Materials 3%
Consumer Discretionary	1.4%	22.8x	18.9x	2.4%	Consumer Staples
Industrials	2.0%	22.0x	18.0x	4.7% 9.5%	9%
S&P 500	1.9%	21.6x	17.3x	3.1% 9.3%	
Materials	2.0%	23.2x	18.7x	<b>3.2%</b> <b>9.2%</b>	Technology 22%
Utilities	3.4%	20.2x	16.1x	2.2% 8.8%	Source: Morningstar Direct, S&P
Consumer Staples	2.6%	21.6x	19.1x	1.6% 8.0%	Top Five
Financials	1.6%	15.9x	14.6x	4.2%	
Real Estate	3.3%	35.1x	37.5x	2.8% 6.4%	Name 1. Apple, Inc.
Telecom	5.1%	17.2x	20.0x -7.0% -10.7%		2. Microsoft Corp.
Energy	2.9%	33.8x	14.9x -6.4%		3. Exxon Mobil Corp.
			-12.0%		4. Amazon

2<sup>nd</sup> Quarter 2017

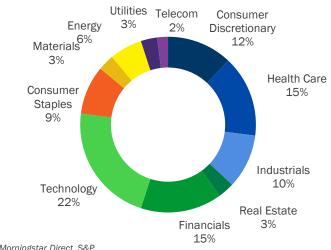
YTD 2017

Source: Morningstar Direct, S&P <sup>(1)</sup>Trailing 12 month as of 6/30/2017. <sup>(2)</sup>Trailing 12 month P/E as of 6/30/2017.

 $^{(3)}$ 15-year average trailing 12 month P/E as of 6/30/2017.



#### Sector Weights

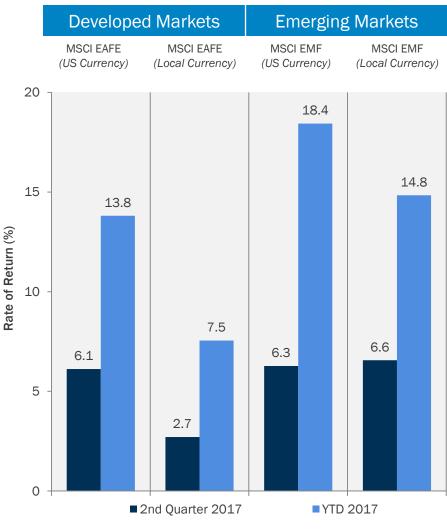


### Top Five S&P 500 Index Holdings

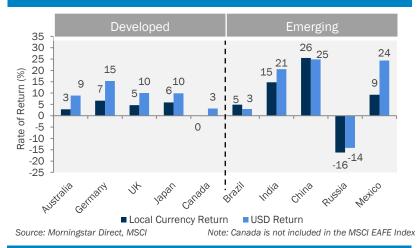
Name	Sector	% of S&P	YTD 2017 Return	YTD 2017 Contribution to Return
1. Apple, Inc.	Technology	3.6%	25.4%	0.82%
2. Microsoft Corp.	Technology	2.5%	12.2%	0.31%
3. Exxon Mobil Corp.	Energy	1.7%	-9.9%	-0.17%
4. Amazon	Cons. Discr.	1.7%	29.1%	0.45%
5. Johnson & Johnson	Health Care	1.6%	16.3%	0.27%

Source: Morningstar Direct, S&P

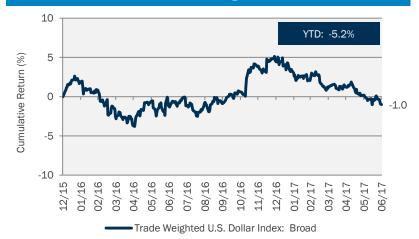
## Non-U.S. Equity Market Performance



#### **YTD International Market Returns**



#### U.S. Dollar vs. Foreign Currencies



Source: Morningstar Direct, MSCI

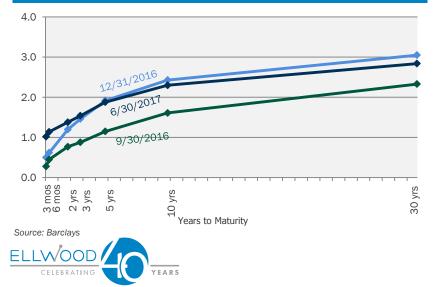


Source: Federal Reserve Board; US trade-weighted index.

## **Fixed Income Markets**

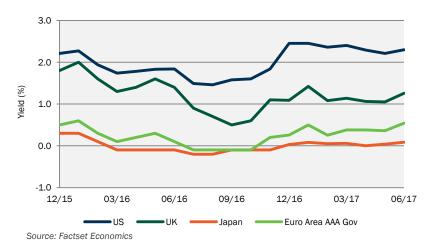


U.S. Treasury Yield Curve





**Global Ten Year Government Spot Yields** 



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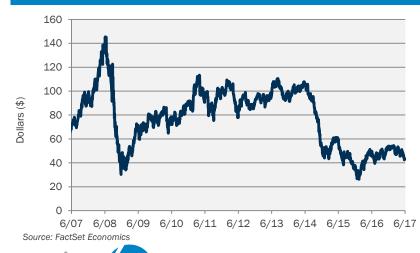
### **Real Assets Performance**

Asset Class Performance 2nd Quarter 2017 YTD 2017 10 Rate of Return (%) 5 2.0 0.7 0 -0.4 -0.9 -3.0 -5 -5.3 -10 Bloomberg Commodity Index S&P Global Natural Resources Stock Index Barclays US TIPS (1-10 Year) Index

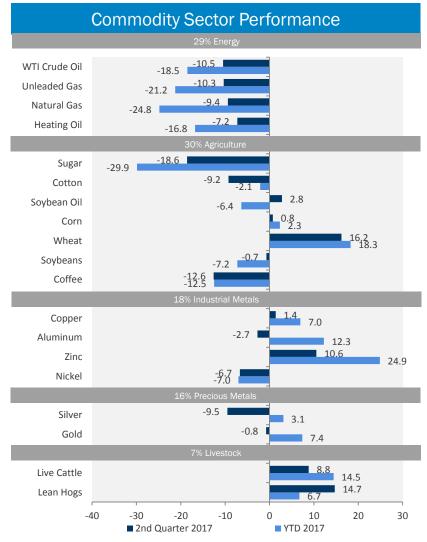
Source: Morningstar Direct, Bloomberg, S&P, Barclays

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### Historical WTI Crude Oil Prices



YEARS



Source: Morningstar Direct, Bloomberg

### World Markets Heat Map

	Calendar Year Returns									Annı	ualized Re	eturns						
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		YTD	1-Yr	3-Yr	5-Yr	10-Yr	TTM P/E	Div. Yield
U.S. Equity											U.S. Equity							
S&P 100 Index	-35.3%	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	8.9%	S&P 100 Index	8.9%	17.7%	9.7%	13.9%	6.9%	21.2x	2.3%
S&P 500 Index	-37.0%	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	9.3%	S&P 500 Index	9.3%	17.9%	9.6%	14.6%	7.2%	21.4x	2.1%
Russell 1000 Value Index	-36.9%	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	4.7%	Russell 1000 Value Index	4.7%	15.5%	7.4%	13.9%	5.6%	18.2x	2.5%
Russell 1000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 1000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.4x	1.5%
Russell 2000 Index	-33.8%	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	5.0%	Russell 2000 Index	5.0%	24.6%	7.4%	13.7%	6.9%	21.1x	1.5%
Russell 2000 Value Index	-28.9%	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	0.5%	Russell 2000 Value Index	0.5%	24.9%	7.0%	13.4%	5.9%	18.1x	2.3%
Russell 2000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 2000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.7x	0.8%
Russell Micro Cap Index	-39.8%	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	4.2%	Russell Micro Cap Index	4.2%	27.6%	6.7%	13.7%	5.5%	17.4x	1.2%
Non U.S. Equity											Non U.S. Equity						_	
MSCI ACWI ex U.S. Index	-45.5%	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	14.1%	MSCI ACWI ex U.S. Index	14.1%	20.5%	0.8%	7.2%	1.1%	17.0x	3.3%
MSCI EAFE Index	-43.4%	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	13.8%	MSCI EAFE Index	13.8%	20.3%	1.1%	8.7%	1.0%	17.9x	3.5%
MSCI EAFE Small Cap Index	-47.0%	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	16.7%	MSCI EAFE Small Cap Index	16.7%	23.2%	5.6%	12.9%	3.4%	16.7x	2.6%
MSCI Emerging Markets Index	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	18.4%	MSCI Emerging Markets Index	18.4%	23.7%	1.1%	4.0%	1.9%	14.6x	2.8%
MSCI Emerging Mkts. Small Cap Index	-58.2%	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	16.0%	MSCI Emerging Mkts. Small Cap Index	16.0%	17.0%	0.8%	5.1%	2.2%	17.6x	2.5%
MSCI Frontier Markets Index	-54.1%	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	15.6%	MSCI Frontier Markets Index	15.6%	19.2%	-3.4%	8.6%	-1.5%	12.5x	3.5%
Global											Global							
MSCI ACWI Index	-42.2%	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	11.5%	MSCI ACWI Index	11.5%	18.8%	4.8%	10.5%	3.7%	19.1x	2.6%
Fixed Income	_										Fixed Income						Duration	YTW
Barclays US Aggregate Index	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	2.3%	Barclays US Aggregate Index	2.3%	-0.3%	2.5%	2.2%	4.5%	6.0	2.6%
Barclays US Inv. Grade. Corp. Index	-4.9%	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	3.8%	Barclays US Inv. Grade. Corp. Index	3.8%	2.3%	3.6%	4.0%	5.8%	7.4	3.2%
Barclays High Yield Index	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	4.9%	Barclays High Yield Index	4.9%	12.7%	4.5%	6.9%	7.7%	3.8	5.7%
Barclays US Corp Long AA+ Index	8.2%	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	5.6%	Barclays US Corp Long AA+ Index	5.6%	-0.4%	5.9%	4.8%	7.6%	13.9	4.3%
Barclays US Treasury Long Index	24.0%	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	5.4%	Barclays US Treasury Long Index	5.4%	-7.2%	5.6%	2.8%	7.3%	17.6	2.8%
Barclays U.S. Municipal Bond Index	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	3.6%	Barclays U.S. Municipal Bond Index	3.6%	-0.5%	3.3%	3.3%	4.6%	6.3	2.3%
Barclays Global Agg. ex. U.S. Index	4.4%	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	6.1%	Barclays Global Agg. ex. U.S. Index	6.1%	-3.8%	-2.4%	-0.4%	3.0%	7.8	0.8%
Barclays EM Debt (Local) Gov't Index		17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	8.8%	Barclays EM Debt (Local) Gov't Index	8.8%	3.8%	-1.8%	0.9%		5.6	4.8%
Alternatives											Alternatives						_	
Bloomberg Commodity Index	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	-5.3%	Bloomberg Commodity Index	-5.3%	-6.5%	-14.8%	-9.2%	-6.5%		
Bloomberg Commodity – Gold	3.9%	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	7.4%	Bloomberg Commodity – Gold	7.4%	-6.9%	-2.7%	-5.5%	5.9%		
Bloomberg Commodity – WTI Crude Oil	-53.2%	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	-18.5%	Bloomberg Commodity – WTI Crude Oil	-18.5%	-16.9%	-36.7%	-20.5%	-15.6%		
Bloomberg Commodity – Agriculture	-27.5%	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-3.4%	Bloomberg Commodity – Agriculture	-3.4%	-13.0%	-10.3%	-8.6%	-1.7%		
HFRI FOF Composite Index	-21.4%	11.5%	5.7%	-5.7%	4.8%	9.0%	3.4%	-0.3%	0.5%	2.6%	HFRI FOF Composite Index	2.6%	5.8%	1.3%	3.7%	0.8%		
HFRI Equity Hedge Index	-26.6%	24.6%	10.5%	-8.4%	7.4%	14.3%	1.8%	-1.0%	5.5%	6.2%	HFRI Equity Hedge Index	6.2%	12.5%	3.0%	6.3%	2.8%	-	
Source: Morningstar Direct Bloomberg											Source: Morningstar Direct Bloomberg							

Source: Morningstar Direct, Bloomberg

Source: Morningstar Direct, Bloomberg



# Pension Plan Portfolio Review



### Bi-State Development Agency Pension Plan for Salaried Employees As of June 30, 2017

Real Assets: \$1.2 million % of Total: 2.0% Hedge Funds: \$6.2 million Target: 2.5% \$63.4 % of Total: Target: \$55.7 \$55.8 \$54.9 \$54.7 \$47.2 \$46.4 \$44.2 \$43.8 **\$**42 1 \$41.4 \$40.4 Dollars (Millions) \$37.6 \$35.1 \$33.8 \$33.4 \$30.8 **Fixed Income:** \$21.5 million % of Total: 33.9% Target: 32.0% Equity: \$34.5 million % of Total: 54.4% 55.5% Target: <sup>2</sup>00<sup>2</sup>00<sup>2</sup>00<sup>2</sup>00<sup>2</sup>00<sup>2</sup>00<sup>2</sup>00<sup>6</sup> 200 Total Assets: \$63.4 million Calendar Year



Growth of Assets

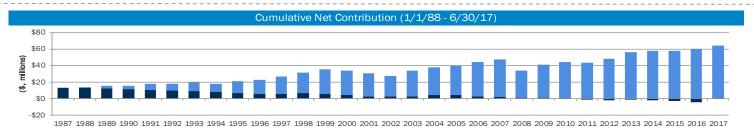
Asset Allocation

## Cash Flow Activity (\$, millions)

2nd Quarter 2017 Activity	y (\$, millions)	Year to Date Activity (\$,	millions)
Beginning Value: (4/1/17)	\$58.0	Beginning Value: (1/1/17)	\$55.7
Contributions:	\$4.8	Contributions:	\$5.9
Withdrawals:	(\$1.2)	Withdrawals:	(\$2.4)
Investment Earnings:	<u>\$1.8</u>	Investment Earnings:	<u>\$4.1</u>
Ending Value: (6/30/17)	\$63.4	Ending Value: (6/30/17)	\$63.4



## **Cumulative Net Contribution**



Investment Earnings

Cumulative Net Contribution

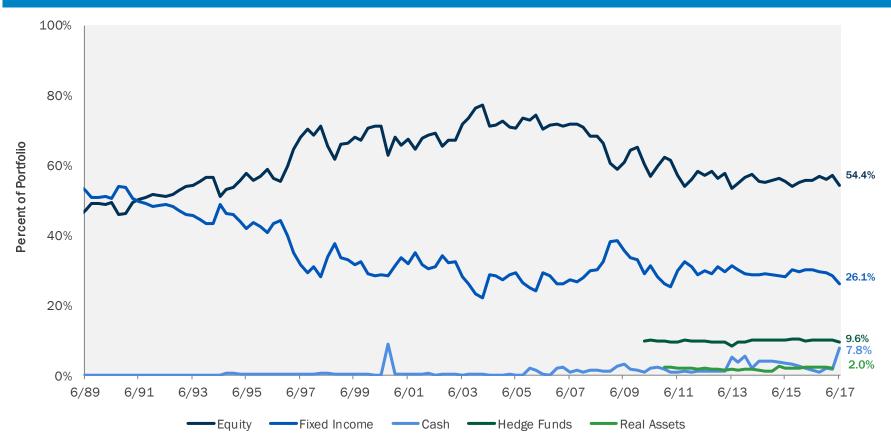
	Gross Annual	Annual Benefit	Administrative	Investment Manager/	Cumulative Net								
Date	Contributions	Payout	Expenses	Trustee Fees	Contributions	Market Value							
1990	\$324,213	(\$687,710)	(\$29,471)	(\$20,554)	\$11,773,134	\$15,554,108							
1991	\$0	(\$720,225)	(\$44,878)	(\$21,047)	\$10,986,984	\$17,755,455							
1992	\$0	(\$754,064)	(\$52,007)	(\$20,188)	\$10,160,725	\$17,978,573							
1993	\$0	(\$879,720)	(\$65,631)	(\$15,956)	\$9,199,418	\$19,186,820							
1994	\$O	(\$1,079,871)	(\$46,503)	(\$11,199)	\$8,061,845	\$17,910,124							
1995	\$O	(\$1,057,901)	(\$62,504)	(\$8,195)	\$6,933,245	\$20,891,920							
1996	\$O	(\$1,016,598)	(\$52,482)	(\$8,292)	\$5,855,873	\$22,519,224							
1997	\$1,120,835	(\$1,057,077)	(\$69,050)	(\$10,228)	\$5,840,352	\$27,017,887							
1998	\$1,637,043	(\$1,083,921)	(\$40,981)	(\$10,748)	\$6,341,745	\$31,794,159							
1999	\$570,990	(\$1,321,114)	(\$51,384)	(\$11,141)	\$5,529,096	\$35,067,175							
2000	\$O	(\$1,416,294)	(\$82,101)	(\$8,621)	\$4,022,080	\$33,536,818							
2001	\$0	(\$1,568,522)	(\$84,608)	(\$9,120)	\$2,359,830	\$30,754,383							
2002	\$1,954,273	(\$1,702,309)	(\$82,717)	(\$35,000)	\$2,494,077	\$27,540,094							
2003	\$2,455,949	(\$1,820,593)	(\$72,799)	(\$43,750)	\$3,012,883	\$33,834,408							
2004	\$3,047,580	(\$1,945,517)	(\$77,885)	(\$52,500)	\$3,984,560	\$37,564,406							
2005	\$2,262,978	(\$2,148,209)	(\$74,974)	(\$39,651)	\$3,984,704	\$40,394,710							
2006	\$1,264,827	(\$2,405,995)	(\$124,105)	(\$56,891)	\$2,657,609	\$44,160,741							
2007	\$1,767,645	(\$2,557,973)	(\$49,995)	(\$57,679)	\$1,759,607	\$47,201,766							
2008	\$2,506,163	(\$2,605,321)	(\$112,896)	(\$92,235)	\$1,455,318	\$33,434,895							
2009	\$2,711,299	(\$3,078,219)	(\$82,034)	(\$34,287)	\$972,078	\$41,361,914							
2010	\$2,385,034	(\$3,779,604)	(\$122,342)	(\$53,985)	(\$598,819)	\$43,761,278							
2011	\$2,451,120	(\$3,181,470)	(\$141,850)	(\$60,305)	(\$1,531,324)	\$42,085,042							
2012	\$3,370,764	(\$3,534,775)	(\$131,804)	(\$7,500)	(\$1,834,639)	\$46,360,323							
2013	\$4,457,696	(\$3,617,356)	(\$83,236)	\$O	(\$1,077,535)	\$54,852,581							
2014	\$5,226,227	(\$5,982,312)	(\$289,585)	(\$54,258)	(\$2,177,463)	\$55,771,713							
2015	\$3,673,091	(\$4,173,495)	(\$253,673)	(\$49,598)	(\$2,981,138)	\$54,723,406							
2016	\$3,249,237	(\$4,325,540)	(\$196,884)	(\$59,581)	(\$4,313,906)	\$55,741,926							
2017	\$5,901,860	(\$2,263,890)	(\$32,348)	(\$73,094)	(\$781,378)	\$63,365,133							
Cumulative Totals	\$52,338,822	(\$61,765,595)	(\$2,610,728)	(\$925,602)									
	. ,,.	(,,.)		(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,									



This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.

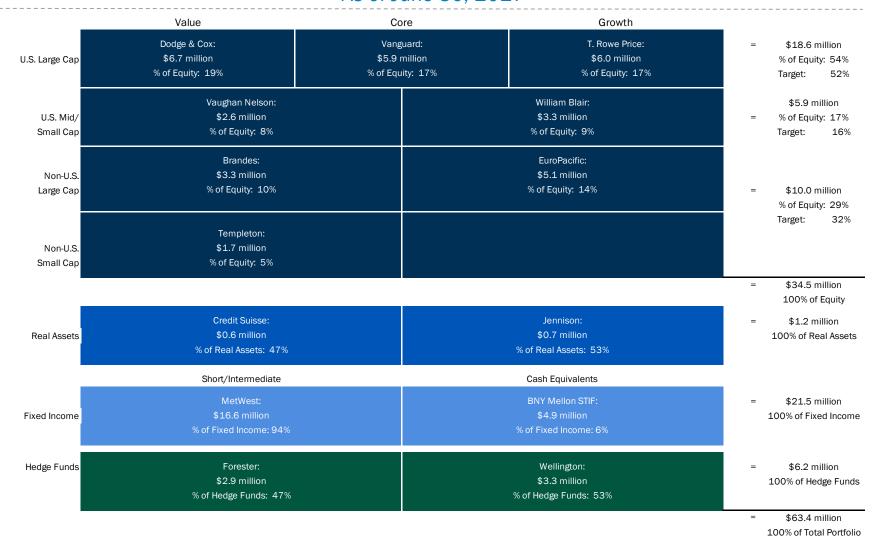
## **Total Portfolio Asset Allocation**

**Total Portfolio Allocation** 





### Total Portfolio Manager Allocation As of June 30, 2017





### Fund Segment Market Benchmark Definitions Target Allocations (%)

Market Benchmark	Total Fund	Equity Segment	<u>Real Asset</u> <u>Segment</u>	Hedge Fund Segment	<u>Fixed Income</u> <u>Segment</u>
Wilshire 5000 Index	37.5%	68%	<b>O</b> %	0%	0%
MSCI EAFE Index	18%	32%	0%	0%	0%
Bloomberg Commodity Index	2.5%	0%	100%	0%	0%
HFRI Strategic Fund-of-Funds Benchmark	10%	O%	0%	100%	0%
Merrill Lynch 1-3 Year Treasury Index	<u>32%</u>	<u>0%</u>	<u>0%</u>	<u>0%</u>	<u>100%</u>
	100%	100%	100%	100%	100%

Note: Prior to 3/31/09, the Total Fund Benchmark was 49% Wilshire 5000, 21% MSCI EAFE and 30% Merrill Lynch 1-3 Year Treasury Indexes

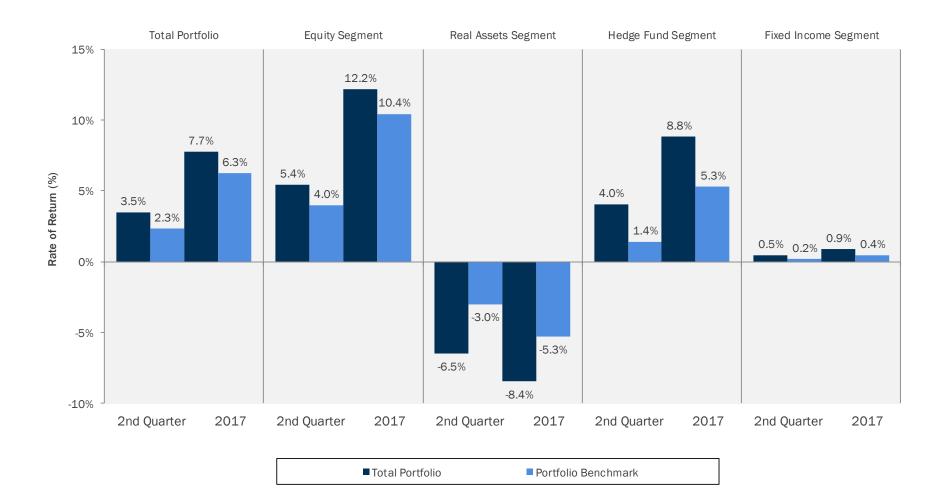
From 4/1/09 through 2/28/10, the Total Fund Benchmark was 46%, Wilshire 5000, 19% MSCI EAFE, and 35% Merrill Lynch 1-3 Year Treasury Indexes

From 2/28/10 through 2/28/11, the Total Fund Benchmark was 42% Wilshire 5000, 16% MSCI EAFE, 10% HFRI Strategic Hedge, and 32% Merrill Lynch 1-3 Year Treasury Indexes

From 2/28/11-present, the Total Fund Benchmark is 37.5% Wilshire 5000, 18% MSCI EAFE, 10% HFRI Strategic Hedge, 32% Merrill Lynch 1-3 Year Treasury, and 2.5% Bloomberg Commodity Indexes

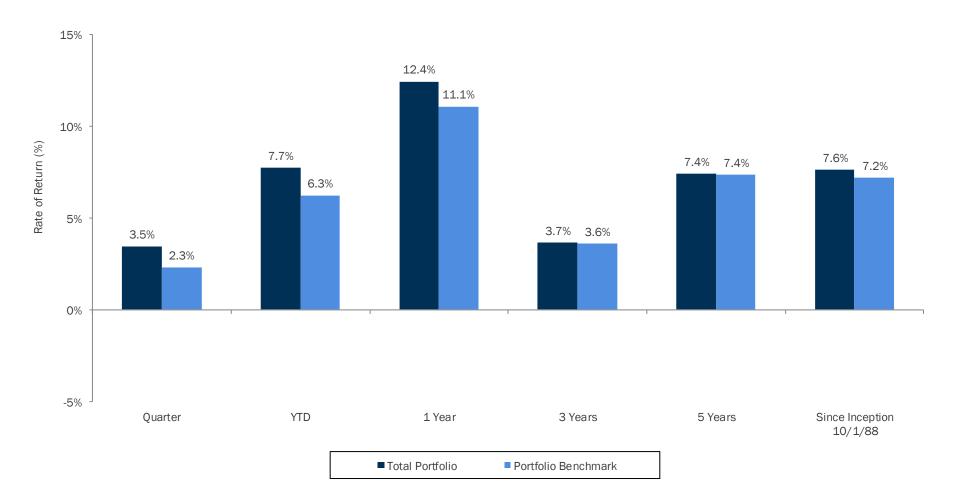


### Bi-State Development Agency Pension Plan for Salaried Employees Asset Class Performance as of June 30, 2017



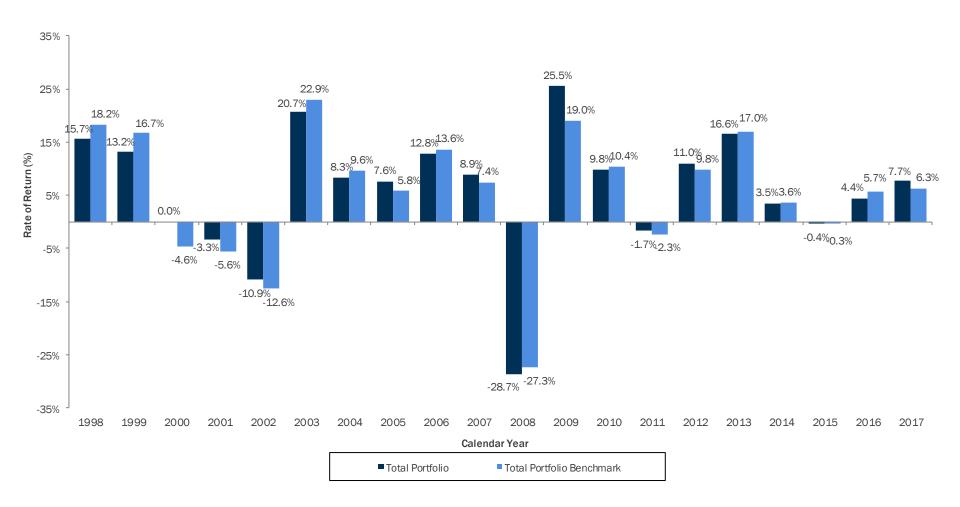


### Bi-State Development Agency Plan for Salaried Employees Total Portfolio Performance as of June 30, 2017





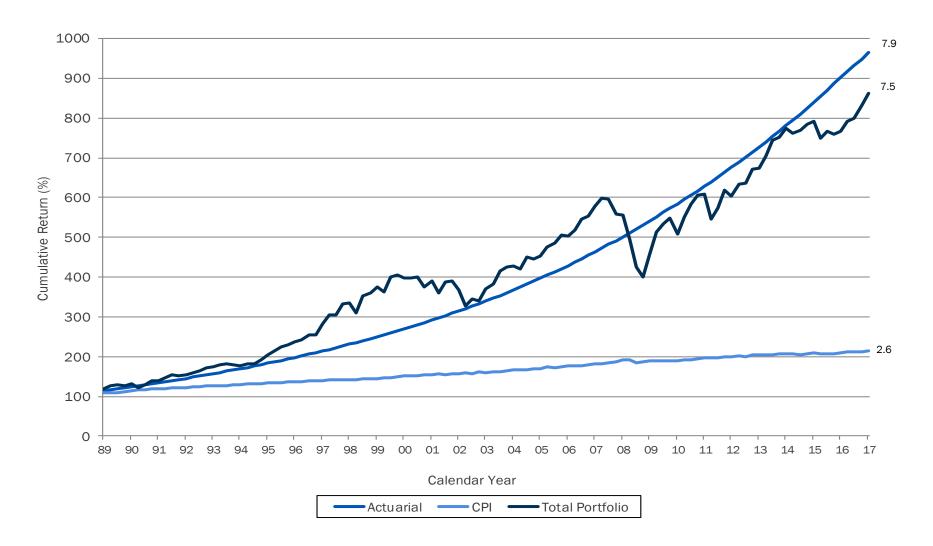
### Bi-State Development Agency Plan for Salaried Employees Calendar Year Performance





### Performance Summary

Total Portfolio vs. Inflation – 29.50 Years (1987 – June 30, 2017)





### Manager Performance Summary Periods Ended June 30, 2017

						Inception
	Quarter	YTD	Five Years	Ten Years	Since Inception	Date
U.S. Equity						
Dodge & Cox Stock Fund	1.8	6.8	16.4	5.9	9.1	10/10/2000
Russell 1000 Value Index	1.3	4.7	13.9	5.6	7.3	
Vanguard 500 Index	3.1	9.3	14.6	7.2	3.0	3/15/2017
S&P 500 Index	3.1	9.3	14.6	7.2	3.0	
T. Rowe Price Blue Chip Growth	8.1	19.4	17.0	9.5	8.1	3/16/2017
Russell 1000 Growth Index	4.7	14.0	15.3	8.9	4.5	
Vaughan Nelson Value Opportunity	-0.2	4.0	12.8	_	4.9	2/18/2014
Russell 2000 Value Index	0.7	0.5	13.4	5.9	8.0	
William Blair SMID Growth	6.7	16.1	16.4	9.5	11.1	1/11/2008
Russell 2000 Growth Index	4.4	10.0	14.0	7.8	9.6	
Non-U.S. Equity						
Brandes International Equity	3.2	8.7	8.9	0.7	6.7	5/19/2009
MSCI EAFE Index	6.1	13.8	8.7	1.0	7.8	
EuroPacific Growth Fund	7.6	17.6	9.2	3.2	7.8	11/2/2001
MSCI EAFE Index	6.1	13.8	8.7	1.0	6.2	
Templeton Foreign Small Cos.	9.1	20.1	10.2	4.8	7.0	2/28/2011
MSCI EAFE Small Cap Index	8.1	16.7	12.9	3.4	7.4	

Notes: Illustrative performance shown prior to manager inception: Returns less than one year are not annualized.



### Manager Performance Summary Periods Ended June 30, 2017

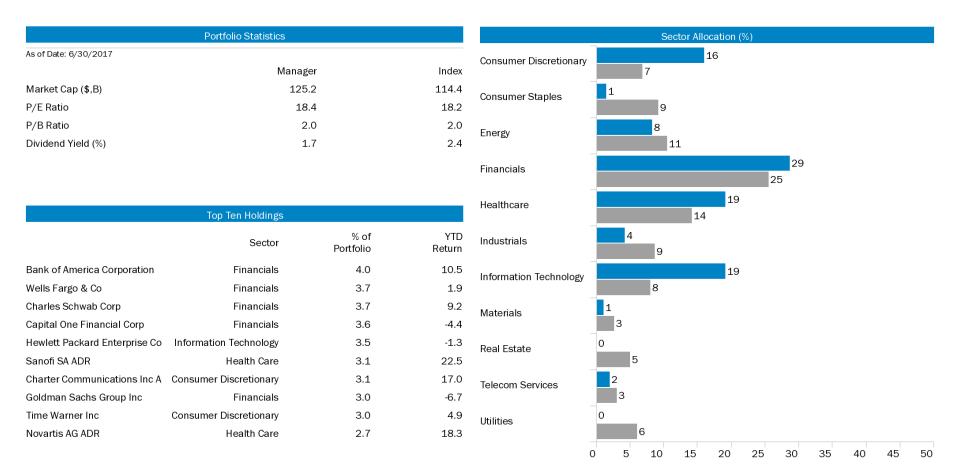
						Inception
	Quarter	YTD	Five Years	Ten Years	Since Inception	Date
Real Assets						
Credit Suisse Commodity Return Strategy	-3.2	-4.9	-9.2	-6.4	-10.3	2/28/2011
Jennison Natural Resources	-9.2	-11.3	-4.0	-2.8	-8.7	2/28/2011
Bloomberg Commodities Index	-3.0	-5.3	-9.3	-6.5	-10.3	
Hedge Funds						
Wellington Archipelego	5.6	12.0	8.1	5.2	6.9	3/1/2010
HFRI Strategic Index	1.4	5.3	4.5	0.9	3.1	
Forester Offshore	2.3	5.4	5.8	4.4	4.4	6/30/2013
HFRI Strategic Index	1.4	5.3	4.5	0.9	3.5	
Fixed Income						
MetWest Low Duration Bond Fund	0.5	0.9	2.1	2.5	1.1	12/2/2014
Merrill U.S. Treasuries (1-3 Y)	0.2	0.4	0.6	1.9	0.7	

Notes: Illustrative performance shown prior to manager inception: Returns less than one year are not annualized.



# **Manager Performance Review**





Dodge & Cox Stock

Russell 1000 Value Index



Peer Group: Open End Funds - U.S. - Large Value



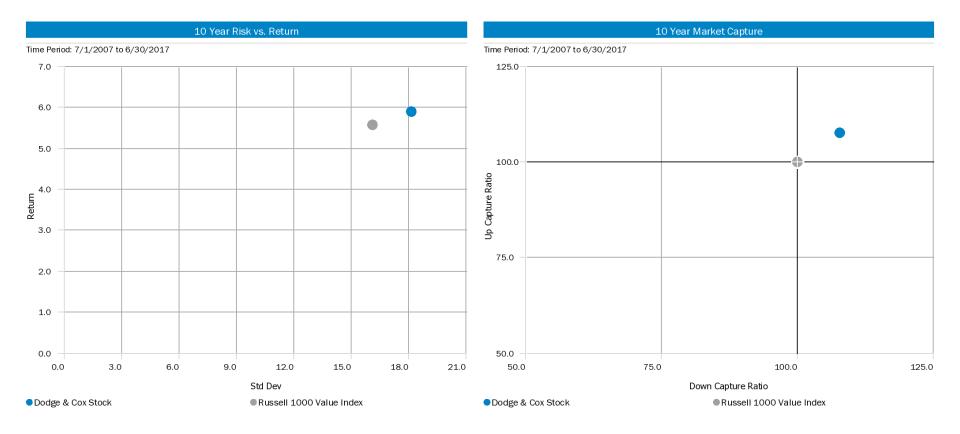
Dodge & Cox Stock

Russell 1000 Value Index

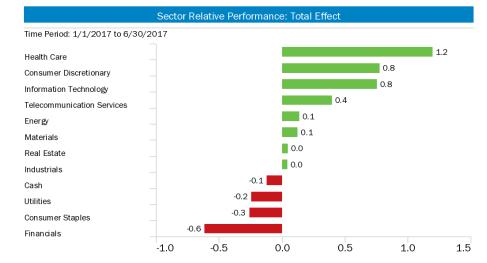
	Trailing Returns (%)												
	Quarter	YTD	1 Year	5 Years	10 Years								
Dodge & Cox Stock	1.8	6.8	28.6	16.4	5.9								
Peer group percentile	52	23	2	1	36								
Russell 1000 Value Index	1.3	4.7	15.5	13.9	5.6								
Peer group percentile	67	68	60	17	44								
25th Percentile	2.5	6.7	19.0	13.6	6.3								
50th Percentile	1.8	5.6	16.5	12.8	5.4								
75th Percentile	1.2	4.3	13.8	11.8	4.4								



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	0.1	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	6.8	8.5	16.4	5.9
Russell 1000 Value Index	-0.2	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	4.7	7.4	13.9	5.6







Top 5 Stock Relative Performers											
	Relative Weights*	Return	Active Return								
Charter Communications Inc A	3.1	17.0	0.3								
Alnylam Pharmaceuticals Inc	0.4	113.0	0.3								
The Priceline Group Inc	1.2	27.6	0.2								
FedEx Corp	2.0	17.2	0.2								
Alphabet Inc C	2.4	17.7	0.2								
Bottom 5 Stock Relative Performers											
Bottom 5 Sto	ock Relative Performers	;									
Bottom 5 Sto	ock Relative Performers Relative Weights*	Return	Active Return								
Bottom 5 Sto Hewlett Packard Enterprise Co	Relative										
	Relative Weights*	Return	Return								
Hewlett Packard Enterprise Co	Relative Weights* 3.2	Return -2.6	Return -0.4								
Hewlett Packard Enterprise Co Capital One Financial Corp	Relative Weights* 3.2 3.3	Return -2.6 -4.4	Return -0.4 -0.3								

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	15.5	10.1	1.5	4.5	5.8	0.3	0.1	0.6	0.8
Consumer Staples	1.5	11.0	0.2	8.4	8.9	0.7	-0.3	0.0	-0.3
Energy	8.1	-20.6	-1.9	12.3	-13.1	-1.8	0.8	-0.7	0.1
Financials	28.2	3.8	1.1	26.6	6.0	1.6	0.0	-0.6	-0.6
Health Care	18.1	18.1	3.2	10.7	15.8	1.6	0.8	0.4	1.2
Industrials	4.1	11.7	0.5	10.2	7.1	0.7	-0.1	0.2	0.0
Information Technology	18.7	11.6	2.1	9.8	10.0	0.9	0.5	0.3	0.8
Materials	1.0	21.7	0.2	2.9	6.2	0.2	0.0	0.2	0.1
Real Estate	0.0		0.0	4.7	3.6	0.2	0.0	0.0	0.0
Telecommunication Services	1.9	-3.3	-0.1	3.6	-9.7	-0.4	0.3	0.1	0.4
Utilities	0.0		0.0	6.2	8.6	0.5	-0.2	0.0	-0.2
Cash	2.7	0.4	0.0	0.0		0.0	-0.1	0.0	-0.1
Attribution Total	100.0	6.8	6.8	100.0	4.6	4.6	1.6	0.6	2.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



### Vanguard 500 Index As of 6/30/2017

	Portfolio Statis	tics		Sector Allocation (%)					
As of Date: 6/30/2017		Manager	Index	Consumer Discretionar	12				
Market Cap (\$,B)		168.7	168.9						
P/E Ratio		21.5	21.6	Consumer Staples	9				
P/B Ratio		3.0	3.0		6				
Dividend Yield (%)	3.0			Energy	6				
				Financials	14				
	Top Ten Holdir	ngs		Healthcare	14 15				
	Sector	% of Portfolio	YTD Return	Industrials	10				
Apple Inc	Information Technology	3.9	25.4	Information Technology	23				
Microsoft Corp	Information Technology	2.6	12.2	mornation recinology	22				
Amazon.com Inc	Consumer Discretionary	1.9	29.1	Materials	3				
Facebook Inc A	Information Technology	1.7	31.2	Materials	3				
Johnson & Johnson	Health Care	1.7	16.2	Real Estate	3				
Exxon Mobil Corp	Energy	1.6	-8.9	Neur Estate	3				
Berkshire Hathaway Inc B	Financials	1.4	3.9	Telecom Services	2				
JPMorgan Chase & Co	Financials	1.4	7.1		2				
Alphabet Inc A	Information Technology	1.4	17.3	Utilities	3				
Alphabet Inc C	Information Technology	1.4	17.7	Sandoo	3				
					0 5 10 15 20 25 30 35 40 45 50				

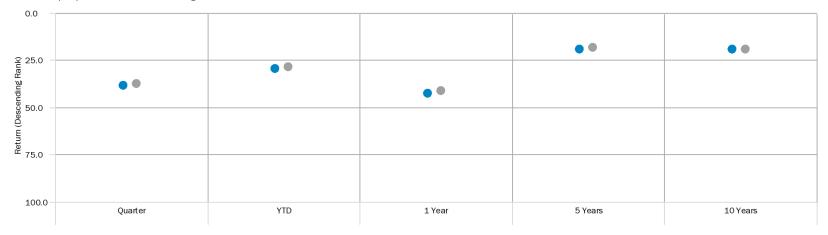
Vanguard 500 Index

■S&P 500 Index



### Vanguard 500 Index As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Blend



Vanguard 500 Index

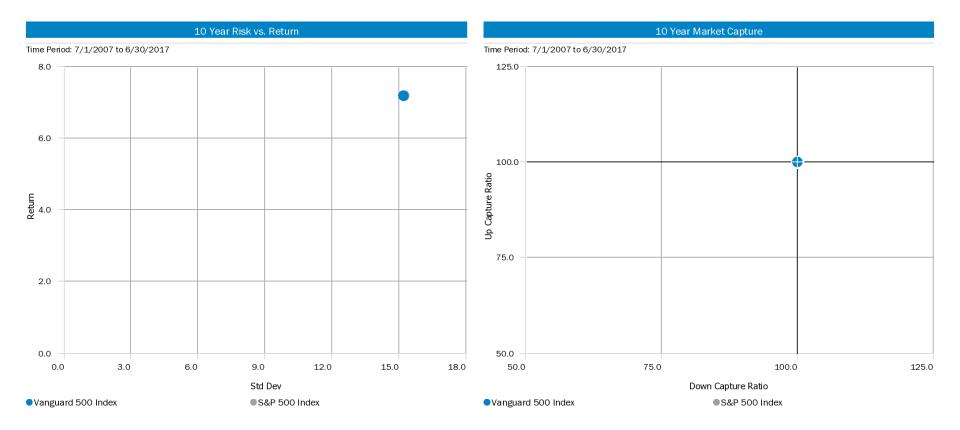
S&P 500 Index

Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
Vanguard 500 Index	3.1	9.3	17.9	14.6	7.2					
Peer group percentile	38	29	42	19	19					
S&P 500 Index	3.1	9.3	17.9	14.6	7.2					
Peer group percentile	37	28	41	18	19					
25th Percentile	3.4	9.4	19.3	14.4	7.0					
50th Percentile	3.0	8.8	17.5	13.8	6.4					
75th Percentile	2.4	7.6	15.4	12.6	5.6					



### Vanguard 500 Index As of 6/30/2017

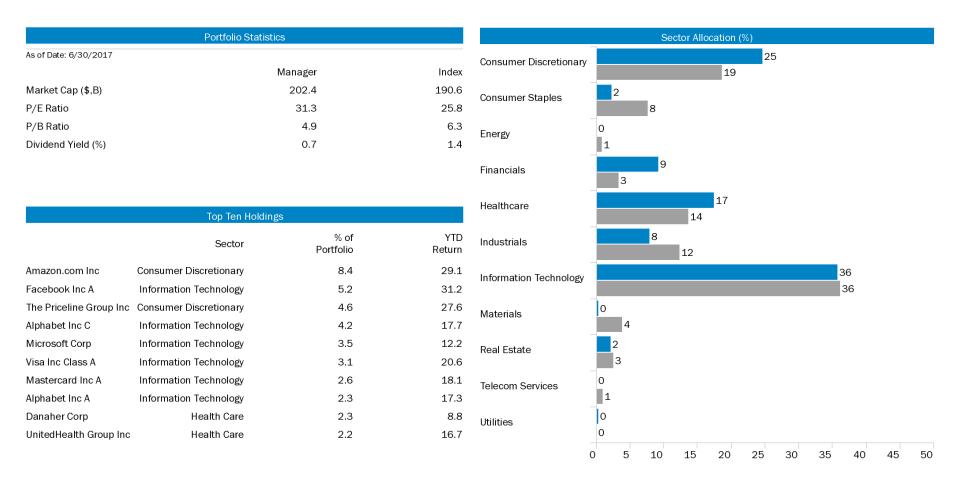
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	5.5	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	9.3	9.6	14.6	7.2
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2



Source: Morningstar Direct

CELEBRATING YEARS

#### T. Rowe Price Blue Chip Growth As of 6/30/2017



T. Rowe Price Blue Chip Growth

Russell 1000 Growth Index



## T. Rowe Price Blue Chip Growth As of 6/30/2017



Peer Group: Open End Funds - U.S. - Large Growth

• T. Rowe Price Blue Chip Growth

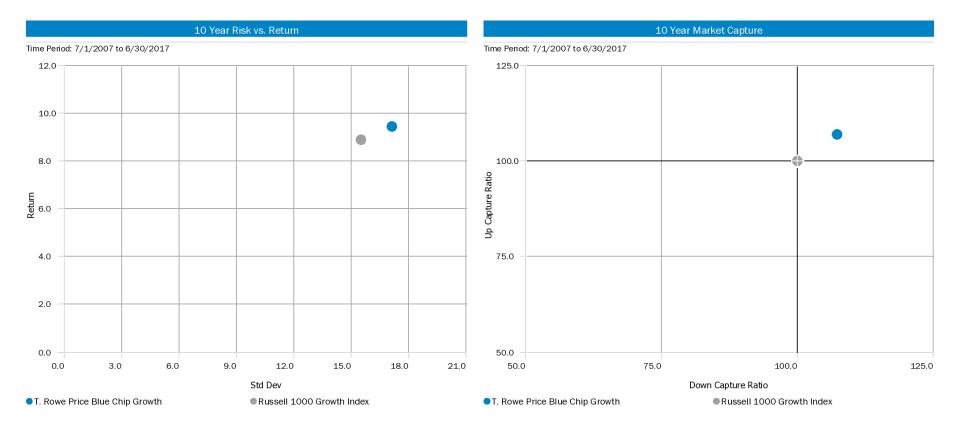
Russell 1000 Growth Index

		Trailing Re	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
T. Rowe Price Blue Chip Growth	8.1	19.4	28.0	17.0	9.5
Peer group percentile	7	8	6	5	9
Russell 1000 Growth Index	4.7	14.0	20.4	15.3	8.9
Peer group percentile	55	51	44	23	18
25th Percentile	6.2	16.9	22.2	15.2	8.6
50th Percentile	4.9	14.1	19.9	14.1	7.7
75th Percentile	3.9	11.5	17.5	12.8	6.6



### T. Rowe Price Blue Chip Growth As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T. Rowe Price Blue Chip Growth	13.0	-42.6	42.6	16.4	1.5	18.4	41.6	9.3	11.1	1.1	19.4	12.5	17.0	9.5
Russell 1000 Growth Index	11.8	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	14.0	11.1	15.3	8.9





### T. Rowe Price Blue Chip Growth As of 6/30/2017

	Sector Re	lative Performan	ice: Total Effect		Top 5 S	tock Relative Performers		
Time Period: 1/1/2017 to 6/30	)/2017	_		2.1		Relative Weights*	Return	Active Return
Consumer Discretionary	_				Amazon.com Inc	5.5	29.1	0.8
Information Technology	_			2.0	Alibaba Group Holding Ltd ADR	2.1	60.5	0.8
Consumer Staples	_		0.5		The Priceline Group Inc	3.7	27.6	0.5
Real Estate	_		0.4		Tencent Holdings Ltd	1.6	46.5	0.4
Telecommunication Services	_		0.3		American Tower Corp	1.3	26.5	0.2
Industrials	_	0.2	2		Bottom 5	Stock Relative Performers	5	
Energy Health Care	_	0.1				Relative Weights*	Return	Active Return
Materials	_	0.0			Apple Inc	-4.9	25.4	-0.3
Utilities	_				O'Reilly Automotive Inc	0.6	-21.4	-0.2
Cash	-0.3	3			Morgan Stanley	2.0	6.4	-0.2
Financials	-0.5				Danaher Corp	2.2	8.8	-0.2
	-0.8	0.0	0.8	1.5 2.3	S&P Global Inc	-0.1	36.6	-0.2

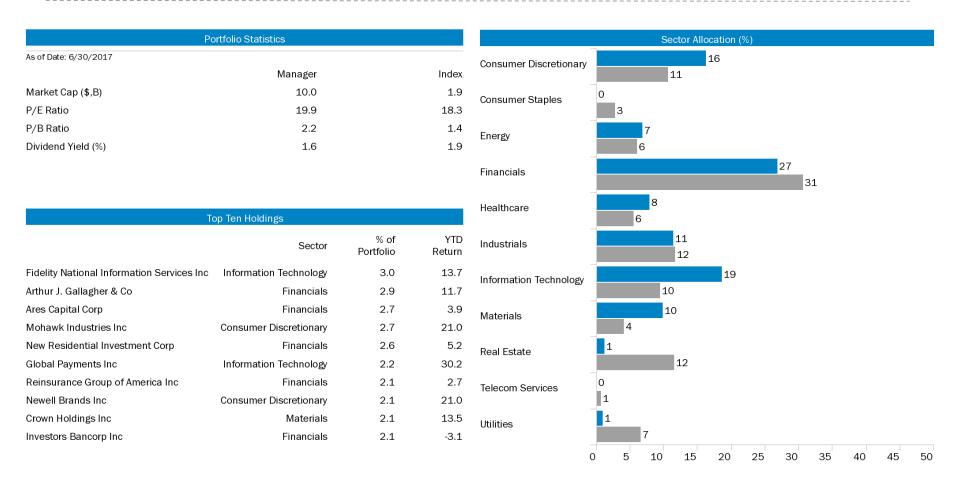
Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	24.3	21.7	5.2	20.9	13.1	2.7	0.0	2.1	2.1
Consumer Staples	2.6	5.9	0.2	9.2	6.5	0.6	0.5	0.0	0.5
Energy	0.0		0.0	0.5	-16.1	-0.1	0.2	0.0	0.2
Financials	8.9	9.5	0.9	2.8	14.8	0.4	0.0	-0.5	-0.5
Health Care	17.4	17.4	3.1	15.9	16.9	2.7	0.0	0.1	0.1
Industrials	7.9	12.6	1.0	10.8	10.8	1.2	0.1	0.1	0.2
Information Technology	34.5	25.0	8.3	32.5	19.2	6.1	0.1	1.9	2.0
Materials	0.4	15.1	0.1	3.6	12.2	0.4	0.1	0.0	0.1
Real Estate	2.0	25.8	0.5	2.8	9.3	0.3	0.0	0.3	0.4
Telecommunication Services	0.0		0.0	1.0	-12.5	-0.1	0.3	0.0	0.3
Utilities	0.3	19.0	0.1	0.0	2.0	0.0	0.0	0.1	0.0
Cash	1.8	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	19.3	19.3	100.0	14.2	14.2	1.0	4.1	5.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



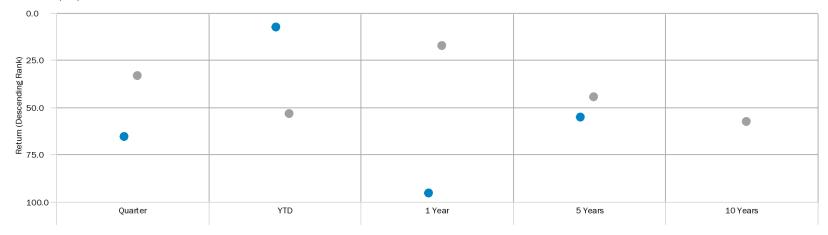


Natixis Vaughan Nelson Value Opp

Russell 2000 Value Index



Peer Group: Open End Funds - U.S. - Small Value



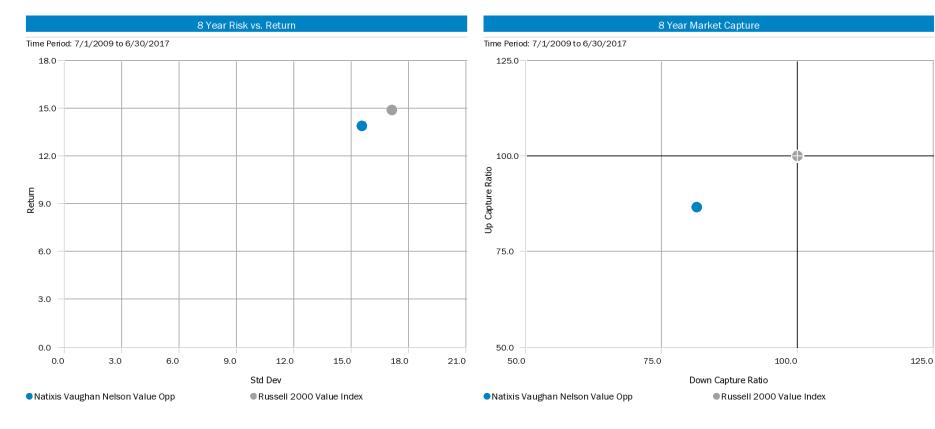
Natixis Vaughan Nelson Value Opp

Russell 2000 Value Index

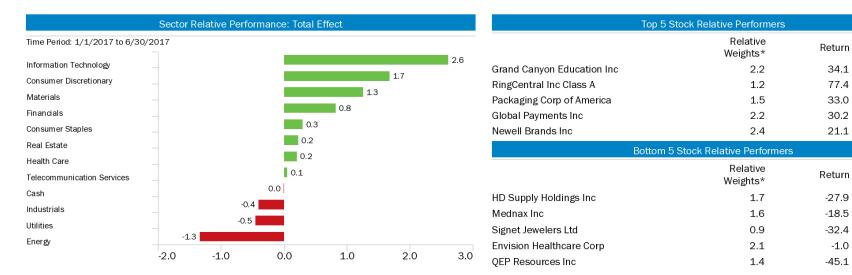
		Trailing Ret	turns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	-0.2	4.0	12.6	12.8	
Peer group percentile	65	7	95	55	
Russell 2000 Value Index	0.7	0.5	24.9	13.4	5.9
Peer group percentile	33	53	17	44	57
25th Percentile	0.9	2.4	23.0	14.0	7.1
50th Percentile	0.3	0.8	20.8	13.1	6.2
75th Percentile	-0.5	-0.9	18.8	11.6	5.1



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Natixis Vaughan Nelson Value Opp			31.4	20.0	-2.5	16.3	41.5	11.2	-3.5	6.1	4.0	3.1	12.8	
Russell 2000 Value Index	-9.8	-28.9	20.6	24.5	-5.5	18.1	34.5	4.2	-7.5	31.7	0.5	7.0	13.4	5.9







Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	14.2	14.3	2.1	9.8	2.9	0.3	0.2	1.5	1.7
Consumer Staples	0.0		0.0	2.8	-9.9	-0.3	0.3	0.0	0.3
Energy	7.3	-34.0	-3.0	5.3	-27.3	-1.6	-0.7	-0.7	-1.3
Financials	26.7	1.6	0.4	32.2	-1.2	-0.4	0.1	0.7	0.8
Health Care	10.6	8.9	0.9	4.6	16.0	0.7	0.9	-0.7	0.2
Industrials	11.6	1.0	0.2	13.0	4.7	0.6	0.0	-0.4	-0.4
Information Technology	18.2	18.8	3.3	10.3	6.4	0.6	0.5	2.1	2.6
Materials	8.9	14.2	1.3	4.7	0.6	0.0	0.0	1.2	1.3
Real Estate	0.9	17.6	0.2	10.3	-0.1	0.0	0.1	0.2	0.2
Telecommunication Services	0.0		0.0	0.7	-7.1	0.0	0.1	0.0	0.1
Utilities	0.2	2.2	0.0	6.4	7.7	0.5	-0.5	0.0	-0.5
Cash	1.5	0.3	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	5.3	5.3	100.0	0.3	0.3	1.0	4.0	4.9

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

-

1 4 (4 (0047) 0 (0047



Active

Return

0.7

0.6

0.5

0.5

0.4

Active

Return

-0.5

-0.5

-0.4

-0.4

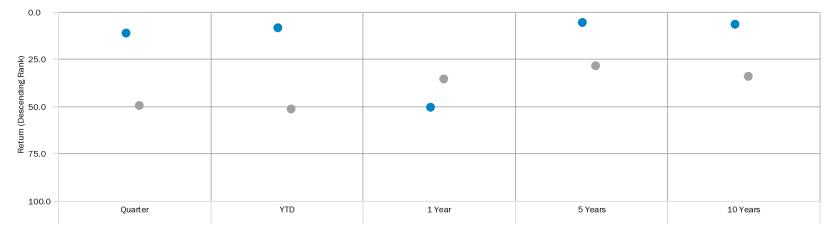
-0.4

	Portfolio Statistics				Sector Allocation (%)
as of Date: 6/30/2017				Consumer Discretionary	13
	Manager		Index	concurrer Diccreatinary	14
Market Cap (\$,B)	6.6		2.3	Consumer Staples	1
P/E Ratio	30.4		26.5	concurrer capico	3
P/B Ratio	4.7		4.2	Energy	1
Dividend Yield (%)	0.6		0.7		1
				Financials	10 6
	Top Ten Holdings			Healthcare	22
		% of	YTD		17
	Sector	Portfolio	Return	Industrials	17
CoStar Group Inc	Information Technology	2.9	39.8	Information Technology	24
Copart Inc	Industrials	2.6	14.7	information rechnology	24
igand Pharmaceuticals Inc	Health Care	2.6	19.5	Materials	6
Six Flags Entertainment Corp	Consumer Discretionary	2.4	1.6	Materials	5
/eeva Systems Inc Class A	Health Care	2.4	50.6	Real Estate	5
Guidewire Software Inc	Information Technology	2.3	39.3	Nour Estate	4
BA Communications Corp	Real Estate	2.3	30.6	Telecom Services	0
3WX Technologies Inc	Industrials	2.3	23.3		1
2 Global Inc	Information Technology	2.3	4.9	Utilities	0
Booz Allen Hamilton Holding Corp	Information Technology	2.2	-8.8	0411400	1

■William Blair Small-Mid Cap Growth

Russell 2000 Growth Index





Peer Group: Open End Funds - U.S. - Small Growth

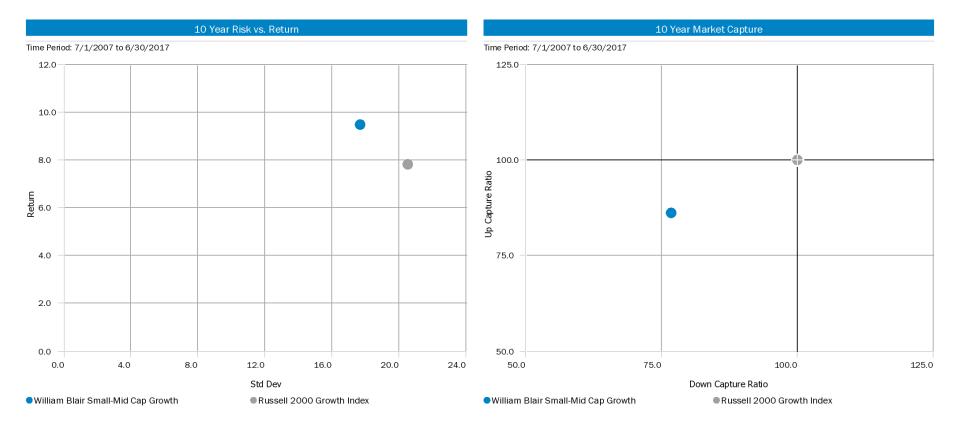
William Blair Small-Mid Cap Growth

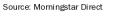
Russell 2000 Growth Index

		Trailing Ret	urns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
William Blair Small-Mid Cap Growth	6.7	16.1	22.6	16.4	9.5
Peer group percentile	11	8	50	5	6
Russell 2000 Growth Index	4.4	10.0	24.4	14.0	7.8
Peer group percentile	49	51	35	28	34
25th Percentile	5.6	12.8	25.9	14.1	8.1
50th Percentile	4.3	10.1	22.6	12.9	7.3
75th Percentile	2.8	7.3	20.3	11.6	6.4



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
William Blair Small-Mid Cap Growth	12.5	-37.5	44.3	23.1	0.0	12.4	41.9	8.6	4.7	6.7	16.1	11.3	16.4	9.5
Russell 2000 Growth Index	7.0	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	10.0	7.6	14.0	7.8







	Sector	Relative Perfo	rmance: Total	Effect			Top 5 5	Stock Relative Performers		
Time Period: 1/1/2017 to 6/30	)/2017				2.0			Relative Weights*	Return	Active Return
Health Care	-				3.0		Exact Sciences Corp	1.2	164.7	1.1
Industrials	-			1.4			CoStar Group Inc	2.7	39.8	0.7
Real Estate	_		1.1				Akorn Inc	0.9	53.2	0.6
Information Technology	_		1.0				Guidewire Software Inc	2.0	39.3	0.5
Financials	_	0.3					Arista Networks Inc	1.3	54.8	0.5
Consumer Staples	_	0.3	3				Bottom 5	Stock Relative Performers		
Materials	_	0.1						Relative		Active
Utilities	_	0.0						Weights*	Return	Return
Energy	_	-0.1					Tractor Supply Co	2.3	-27.9	-0.9
Telecommunication Services	_	-0.1					Akamai Technologies Inc	1.0	-29.3	-0,6
Cash		-0.2					Booz Allen Hamilton Holding Corp	2.1	-2.9.5	-0.5
Consumer Discretionary	-C	0.3								
,	-1.0	0.0	1.0	2.0	3.0	4.0	Pandora Media Inc TransDigm Group Inc	0.6 0.8	-31.6	-0.3
									-11.6	-0.2

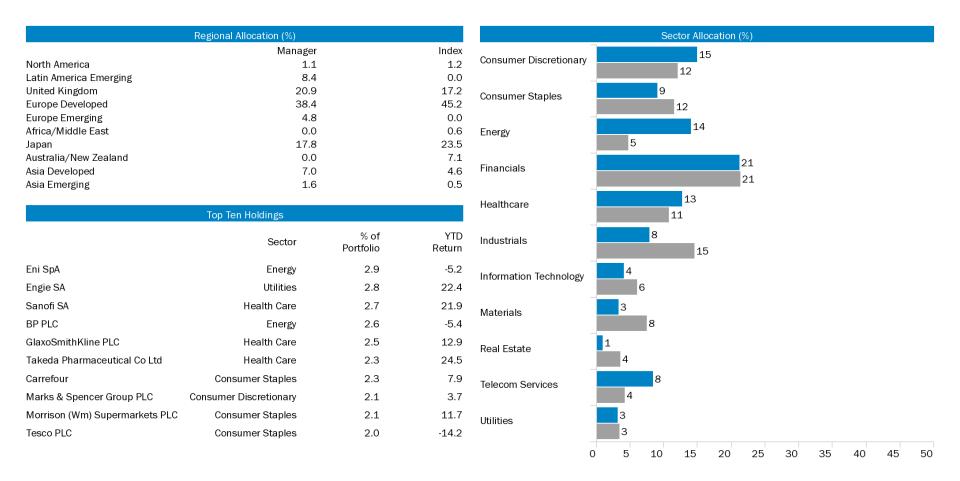
Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.5	1.4	0.1	15.0	4.4	0.7	0.1	-0.4	-0.3
Consumer Staples	2.4	10.1	0.2	3.1	-1.3	0.0	0.1	0.2	0.3
Energy	1.8	-27.6	-0.5	1.3	-32.5	-0.5	-0.3	0.2	-0.1
Financials	11.2	8.9	1.0	5.6	2.2	0.1	-0.4	0.7	0.3
Health Care	19.8	43.7	7.9	21.4	24.5	5.0	-0.2	3.2	3.0
Industrials	17.2	10.6	1.9	16.1	2.2	0.4	-0.1	1.5	1.4
Information Technology	22.5	16.3	3.6	25.1	11.8	2.9	0.0	1.0	1.0
Materials	5.8	13.6	0.8	5.3	11.7	0.6	0.0	0.1	0.1
Real Estate	4.6	34.2	1.5	5.5	9.4	0.5	0.0	1.1	1.1
Telecommunication Services	0.0		0.0	0.8	24.4	0.2	-0.1	0.0	-0.1
Utilities	0.0		0.0	0.8	7.3	0.1	0.0	0.0	0.0
Cash	2.2	0.4	0.0	0.0		0.0	-0.2	0.0	-0.2
Attribution Total	100.0	16.6	16.6	100.0	10.0	10.0	-0.9	7.6	6.7

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct





Brandes International Equity

MSCI EAFE Index



## 0.0 25.0 50.0 75.0 1000 Quarter YTD 1Year 5Years 10Years

Peer Group: Open End Funds - U.S. - Foreign Large Growth

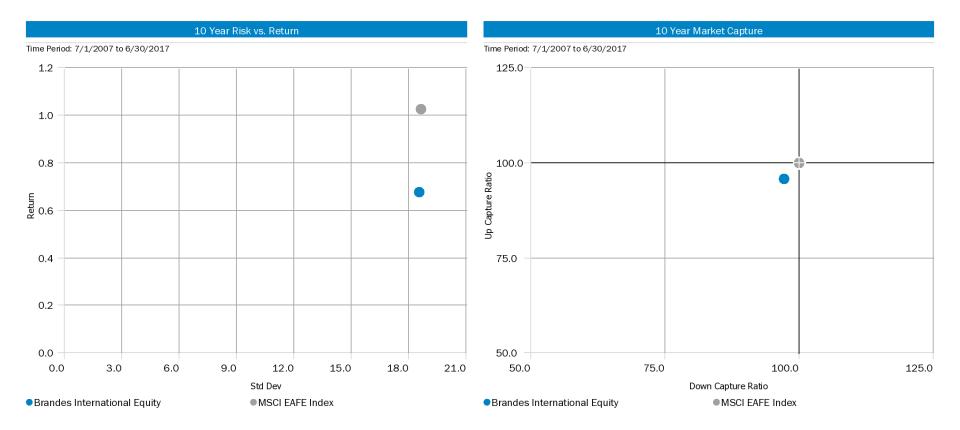
Brandes International Equity

MSCI EAFE Index

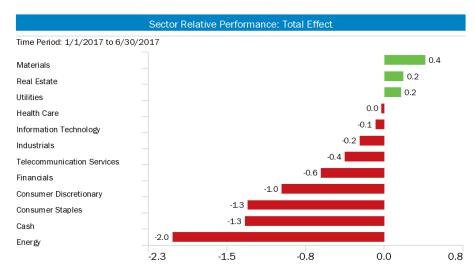
		Trailing R	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Brandes International Equity	3.2	8.7	18.4	8.9	0.7
Peer group percentile	99	99	39	42	85
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0
Peer group percentile	91	94	26	47	78
25th Percentile	8.9	19.6	20.4	9.6	3.1
50th Percentile	7.9	18.0	17.3	8.6	2.0
75th Percentile	7.2	15.8	15.5	7.6	1.1



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Brandes International Equity	8.6	-37.2	19.5	5.0	-11.9	11.2	26.5	-5.0	-1.4	8.1	8.7	1.0	8.9	0.7
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0







Top 5 Stock	Relative Performers											
	Relative Weights*	Return	Active Return									
Hana Financial Group Inc	1.4	52.9	0.5									
G4S PLC	1.3	48.8	0.4									
Erste Group Bank AG	1.4	34.2	0.2									
Repsol SA	1.5	11.2	0.2									
Engie SA	2.5	22.2	0.2									
Bottom 5 Sto	Bottom 5 Stock Relative Performers											
	Relative Weights*	Return	Active Return									
Tesco PLC	1.9	-14.2	-0.7									
Aegon NV	1.8	-5.0	-0.4									
Embraer SA ADR	1.6	-4.2	-0.3									
Taisho Pharmaceutical Holding Co Ltd	1.1	-7.9	-0.3									

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	13.5	3.8	0.5	12.4	10.6	1.3	0.0	-0.9	-1.0
Consumer Staples	8.5	3.6	0.3	11.2	17.7	2.0	-0.1	-1.2	-1.3
Energy	12.9	-7.1	-1.0	5.1	-2.2	-0.1	-1.3	-0.7	-2.0
Financials	19.4	12.3	2.4	21.2	15.4	3.3	0.0	-0.6	-0.6
Health Care	11.5	16.1	1.8	10.7	16.5	1.8	0.0	0.0	0.0
Industrials	7.3	16.3	1.2	14.3	17.1	2.4	-0.2	0.0	-0.2
Information Technology	3.7	24.3	0.9	5.7	22.4	1.2	-0.2	0.1	-0.1
Materials	3.0	20.7	0.6	8.1	11.7	0.9	0.1	0.3	0.4
Real Estate	0.4	13.4	0.1	3.7	10.9	0.4	0.1	0.1	0.2
Telecommunication Services	7.8	7.0	0.6	4.4	10.4	0.5	-0.1	-0.3	-0.4
Utilities	2.7	22.2	0.6	3.3	15.8	0.5	0.0	0.2	0.2
Cash	9.3	0.4	0.0	0.0		0.0	-1.3	0.0	-1.3
Attribution Total	100.0	7.9	7.9	100.0	14.2	14.2	-3.1	-3.2	-6.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Bariad: 1/1/2017 to 6/20/2017

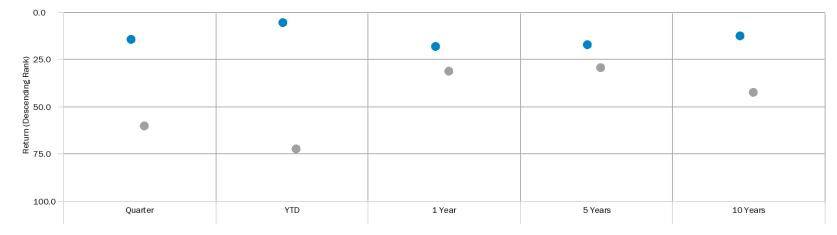


Regional	Allocation (%)				Sector Allocation (%)
	Manager		Index	Concurrer Discretionen	15
North America	6.3		1.2	Consumer Discretionary	12
Latin America Emerging	2.0		0.0		
United Kingdom	12.5		17.2	Consumer Staples	7
Europe Developed	26.3		45.2		12
Europe Emerging	0.4		0.0	_	7
Africa/Middle East	1.8		0.6	Energy	5
Japan Australia/New Zealand	16.2 0.7		23.5 7.1		-
Asia Developed	14.2		7.1 4.6	Financials	19
Asia Emerging	14.2		4.8 0.5		21
Asia Lineiging	19.0		0.5		8
Top T				Healthcare	
Top Ie	en Holdings				11
	Sector	% of	YTD	Industrials	10
		Portfolio	Return		15
Samsung Electronics Co Ltd	Information Technology	2.6	39.7	Information Technology	19
Alibaba Group Holding Ltd ADR	Information Technology	2.1	60.5	internation recimology	6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	25.8	Materials	7
AIA Group Ltd	Financials	2.1	31.0	Materials	8
Tencent Holdings Ltd	Information Technology	1.9	46.5	Real Estate	2
HDFC Bank Ltd	Financials	1.8	44.8	Near Estate	4
SoftBank Group Corp	Telecommunication Services	1.8	21.9	Telecom Services	4
Airbus SE	Industrials	1.6	26.2		4
Reliance Industries Ltd	Energy	1.6	33.9	Utilities	3
Sony Corp	Consumer Discretionary	1.5	36.2	Sandos	3
	-				

American Funds Europacific Growth

■MSCI EAFE Index





Peer Group: Open End Funds - U.S. - Foreign Large Blend

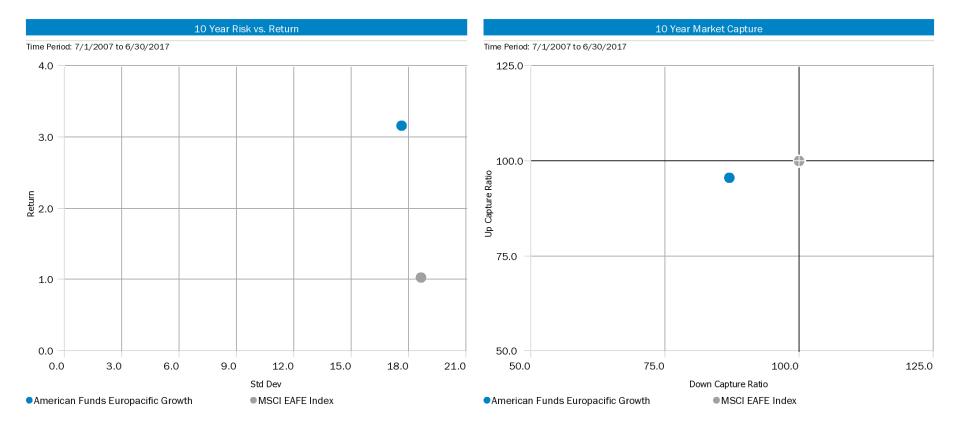
• American Funds Europacific Growth

MSCI EAFE Index

		Trailing Ret	urns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
American Funds Europacific Growth	7.6	17.6	21.8	9.2	3.2
Peer group percentile	14	5	18	17	12
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0
Peer group percentile	60	72	31	29	42
25th Percentile	6.8	15.7	20.9	8.8	1.8
50th Percentile	6.3	14.6	19.3	7.9	0.8
75th Percentile	5.8	13.6	17.3	7.0	0.0



	Returns (%)													
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	19.0	-40.5	39.1	9.4	-13.6	19.2	20.2	-2.6	-0.8	0.7	17.6	3.4	9.2	3.2
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0





	Sector Relative Perfor	mance: Tota	l Effect		Тор 5 5	tock Relative Performers		
Period: 1/1/2017 to 6/30	0/2017			3.0		Relative Weights*	Return	
nation Technology	-	4	2	3.0	Alibaba Group Holding Ltd ADR	2.1	60.5	
mer Discretionary	-	1.			HDFC Bank Ltd	1.8	44.8	
cials	_	1.2			Reliance Industries Ltd	1.3	33.9	
rials	_	0.5			Tencent Holdings Ltd	1.9	46.5	
Estate	0.3				Nintendo Co Ltd	1.4	62.0	
ommunication Services	0.2				Bottom 5	Stock Relative Performers	5	
ies prials	-0.2					Relative Weights*	Return	
Ŷ	_				Barclays PLC	1.1	-3.8	
Care	-0.3				Fairfax Financial Holdings Ltd	0.5	-8.6	
umer Staples	-0.3				Novo Nordisk A/S B	0.6	20.7	
	-0.5				 AmorePacific Corp	0.7	-0.2	
h								

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	13.6	20.0	2.7	12.4	10.6	1.3	0.0	1.3	1.3
Consumer Staples	6.6	14.8	1.0	10.3	17.4	1.8	-0.1	-0.2	-0.3
Energy	6.2	-2.2	-0.1	5.1	-2.2	-0.1	-0.2	0.0	-0.2
Financials	17.9	22.2	4.0	21.2	15.4	3.3	0.0	1.2	1.2
Health Care	7.8	13.9	1.1	10.7	16.5	1.8	-0.1	-0.2	-0.3
Industrials	9.8	23.7	2.3	14.3	17.1	2.4	-0.1	0.6	0.5
Information Technology	17.6	34.8	5.9	5.7	22.4	1.2	1.0	2.0	3.0
Materials	7.0	10.7	0.8	8.1	11.7	0.9	0.0	0.0	0.0
Real Estate	1.6	24.9	0.4	3.7	10.9	0.4	0.1	0.2	0.3
Telecommunication Services	4.2	15.9	0.7	4.4	10.4	0.5	0.0	0.2	0.2
Utilities	3.1	22.9	0.7	3.3	15.8	0.5	0.0	0.2	0.2
Cash	4.5	0.4	0.0	0.9	0.4	0.0	-0.5	0.0	-0.5
Attribution Total	100.0	19.3	19.3	100.0	14.0	14.0	0.0	5.4	5.4

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Bariad: 1/1/2017 to 6/20/2017

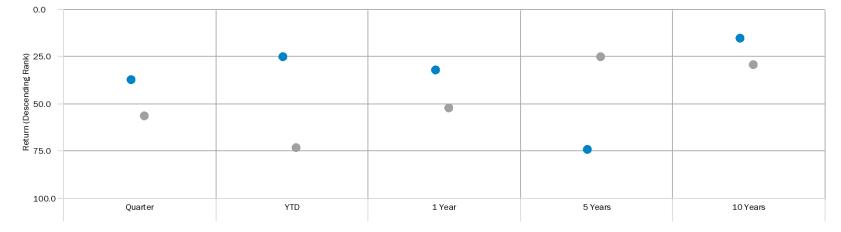


	Regional Allocation (%)				Sector Allocation (%)
	Manager		Index		25
North America	10.7		0.8	Consumer Discretionar	16
Latin America Emerging	3.1		0.1		
United Kingdom	8.4		18.1	Consumer Staples	8
Europe Developed	34.0		38.0		7
Europe Emerging	0.9 0.0		0.0	<b>F</b> (	5
Africa/Middle East Japan	20.3		1.6 30.0	Energy	2
Australia/New Zealand	0.0		7.3		
Asia Developed	14.3		3.3	Financials	15
Asia Emerging	8.3		0.7		11
					7
	Top Ten Holdings			Healthcare	7
	Sector	% of	YTD	Industrials	20
		Portfolio	Return		22
Interpump Group SpA	Industrials	1.9	67.9	Information Technology	12
Dewan Housing Finance Corp Ltd	Financials	1.9	88.4	mormation reenhology	11
Tsumura & Co	Health Care	1.8	48.0	Materials	4
Bucher Industries AG	Industrials	1.8	29.8	Materials	9
Meitec Corp	Industrials	1.7	12.9	Real Estate	3
Kobayashi Pharmaceutical Co Ltd	Consumer Staples	1.7	39.0		10
Techtronic Industries Co Ltd	Consumer Discretionary	1.7	29.3	Telecom Services	0
Thule Group AB	Consumer Discretionary	1.6	26.5		1
Gerresheimer AG	Health Care	1.6	9.5	Utilities	0
Badger Daylighting Ltd	Industrials	1.6	-13.7		2
					0 5 10 15 20 25 30 35 40 45 50

Templeton Ins Foreign Smaller Co Series
MSCI EAFE

■MSCI EAFE Small Cap Index





Peer Group: Open End Funds - U.S. - Foreign Small/Mid Blend

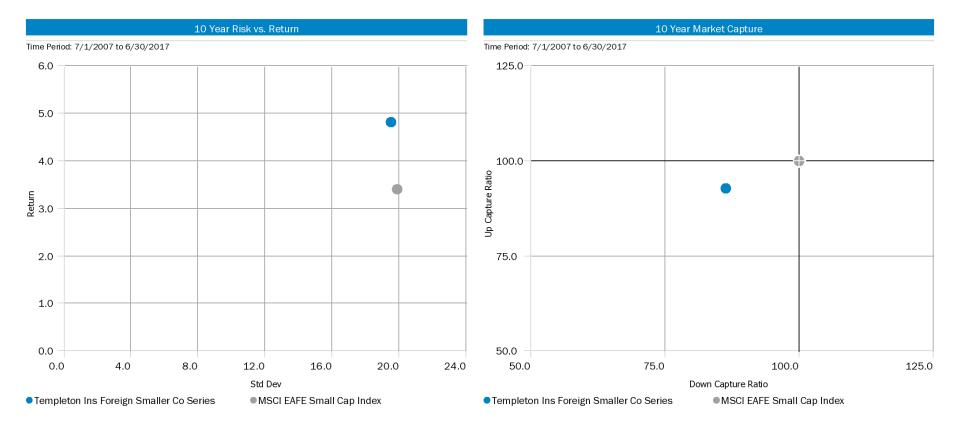
• Templeton Ins Foreign Smaller Co Series

MSCI EAFE Small Cap Index

		Trailing Returr	ns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Templeton Ins Foreign Smaller Co Series	9.1	20.1	25.1	10.2	4.8
Peer group percentile	37	25	32	74	15
MSCI EAFE Small Cap Index	8.1	16.7	23.2	12.9	3.4
Peer group percentile	56	73	52	25	29
25th Percentile	9.4	20.1	25.7	12.9	3.5
50th Percentile	8.4	18.4	23.2	12.0	2.9
75th Percentile	7.3	16.7	22.1	9.8	2.6



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Templeton Ins Foreign Smaller Co Series	15.1	-47.3	68.0	21.4	-11.3	21.6	22.2	-3.3	1.9	-0.9	20.1	3.6	10.2	4.8
MSCI EAFE Small Cap Index	1.4	-47.0	46.8	22.0	-15.9	20.0	29.3	-4.9	9.6	2.2	16.7	5.6	12.9	3.4





Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 2.2 Financials 1.1 Information Technology 1.0 Industrials 0.9 Consumer Staples 0.5 Real Estate 0.2 Consumer Discretionary -0.1 Telecommunication Services -0.1 Utilities -0.1 Health Care -0.4 Materials -0.9 Energy -1.2 Cash -1.5 -0.8 0.0 0.8 1.5 2.3 3.0

Top 5 Stock Relative Performers								
	Relative Weights*	Return	Active Return					
Dewan Housing Finance Corp Ltd	1.7	88.4	0.9					
Interpump Group SpA	2.0	67.7	0.8					
China ZhengTong Auto Services Holdings Ltd	0.5	180.3	0.6					
Korea Investment Holdings Co Ltd	1.1	76.6	0.6					
Tsumura & Co	1.8	48.3	0.5					
Bottom 5 Stock	Relative Performers							
	Relative Weights*	Return	Active Return					
Badger Daylighting Ltd	Relative							
Badger Daylighting Ltd ASICS Corp	Relative Weights*	Return	Return					
0,00	Relative Weights* 1.5	Return -13.8	Return -0.6					
ASICS Corp	Relative Weights* 1.5 1.4	Return -13.8 -7.4	Return -0.6 -0.4					

Contribution/Attribution Detail

Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
23.4	15.5	3.7	16.0	13.3	2.2	-0.3	0.5	0.2
6.6	30.9	1.9	6.7	17.0	1.1	0.0	0.9	0.9
4.6	-13.5	-0.7	2.8	-6.9	-0.2	-0.5	-0.4	-0.9
14.4	32.4	4.5	11.2	16.6	1.9	0.0	2.2	2.2
6.5	20.8	1.4	7.2	22.1	1.6	0.0	-0.1	-0.1
19.4	26.0	4.9	22.2	20.7	4.5	-0.1	1.1	1.0
10.5	35.5	3.5	10.8	24.2	2.5	0.0	1.1	1.1
4.4	11.1	0.5	9.4	18.1	1.7	0.0	-0.4	-0.4
3.4	13.5	0.5	10.5	11.8	1.3	0.4	0.1	0.5
0.0		0.0	1.1	22.4	0.2	-0.1	0.0	-0.1
0.0		0.0	2.0	20.7	0.4	-0.1	0.0	-0.1
6.7	0.4	0.0	0.0	0.0	0.0	-1.2	0.0	-1.2
100.0	20.3	20.3	100.0	17.2	17.2	-1.9	4.9	3.0
	Weights 23.4 6.6 14.4 6.5 19.4 10.5 4.4 3.4 0.0 0.0 6.7	Weights         Return           23.4         15.5           6.6         30.9           4.6         -13.5           14.4         32.4           6.5         20.8           19.4         26.0           10.5         35.5           4.4         11.1           3.4         13.5           0.0         0.0           6.7         0.4	Weights         Return         Contribution           23.4         15.5         3.7           6.6         30.9         1.9           4.6         -13.5         -0.7           14.4         32.4         4.5           6.5         20.8         1.4           19.4         26.0         4.9           10.5         35.5         3.5           4.4         11.1         0.5           3.4         13.5         0.5           0.0         0.0         0.0           6.7         0.4         0.0	Weights         Return         Contribution         Weights           23.4         15.5         3.7         16.0           6.6         30.9         1.9         6.7           4.6         -13.5         -0.7         2.8           14.4         32.4         4.5         11.2           6.5         20.8         1.4         7.2           19.4         26.0         4.9         22.2           10.5         35.5         3.5         10.8           4.4         11.1         0.5         9.4           3.4         13.5         0.5         10.5           0.0         0.0         1.1         0.0           0.0         0.0         2.0           6.7         0.4         0.0         0.0	WeightsReturnContributionWeightsReturn23.415.53.716.013.36.630.91.96.717.04.6-13.5-0.72.8-6.914.432.44.511.216.66.520.81.47.222.119.426.04.922.220.710.535.53.510.824.24.411.10.59.418.13.413.50.510.511.80.00.00.02.020.76.70.40.00.00.0	WeightsReturnContributionWeightsReturnContribution23.415.53.716.013.32.26.630.91.96.717.01.14.6-13.5-0.72.86.9-0.214.432.44.511.216.61.96.520.81.47.222.11.619.426.04.922.220.74.510.535.53.510.824.22.54.411.10.59.418.11.73.413.50.510.511.81.30.00.01.122.40.20.46.70.40.00.00.00.0	WeightsReturnContributionWeightsReturnContributionEffect23.415.53.716.013.32.2-0.36.630.91.96.717.01.10.04.6-13.5-0.72.8-6.9-0.2-0.514.432.44.511.216.61.90.06.520.81.47.222.11.60.019.426.04.922.220.74.5-0.110.535.53.510.824.22.50.04.411.10.59.418.11.70.03.413.50.510.511.81.30.40.00.01.122.40.2-0.10.00.00.00.00.0-1.2	WeightsReturnContributionWeightsReturnContributionEffectEffect23.415.53.716.013.32.2-0.30.56.630.91.96.717.01.10.00.94.6-13.5-0.72.8-6.9-0.2-0.5-0.414.432.44.511.216.61.90.02.26.520.81.47.222.11.60.0-0.119.426.04.922.220.74.5-0.11.110.535.53.510.824.22.50.01.14.411.10.59.418.11.70.0-0.43.413.50.510.511.81.30.40.10.00.01.122.40.2-0.10.00.00.00.00.00.0-1.20.0

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

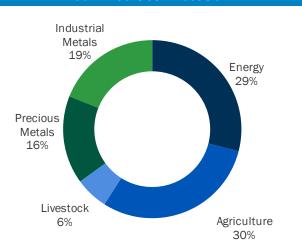
Source: Morningstar Direct

Time Baried: 1/1/2017 to 6/20/2017



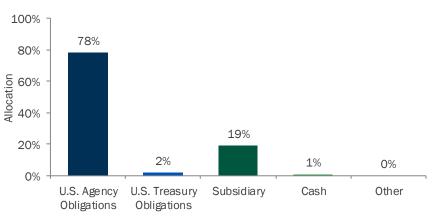
## Real Assets Overview: Credit Suisse Commodity Real Return

As of 3/31/2017



#### **Commodities Allocation**





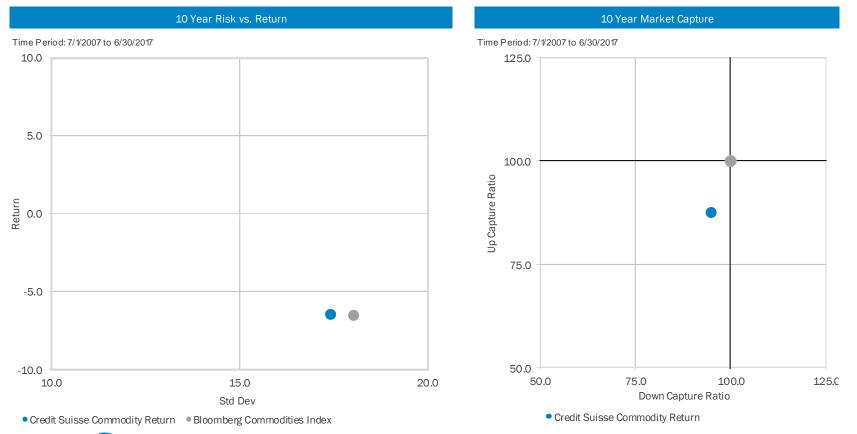
#### Note: All data provided by the investment manager.

Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



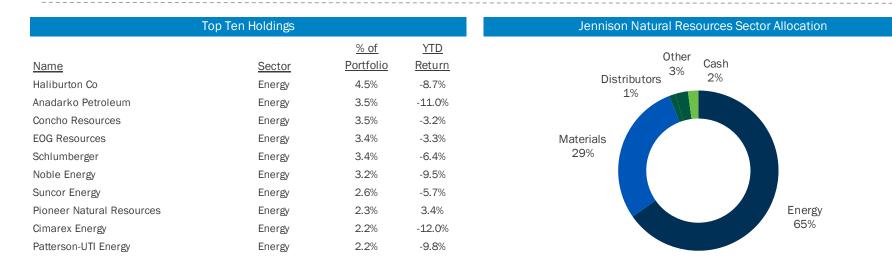
## Credit Suisse Commodity Return As of 6/30/2017

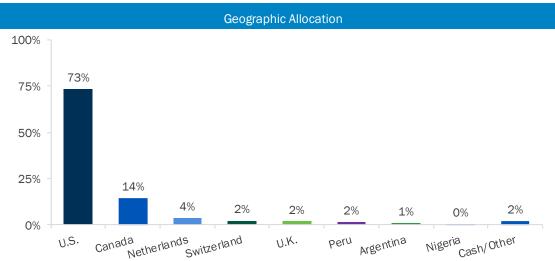
Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Credit Suisse Commodity Return	-35.5	20.1	16.9	-12.3	-1.8	-10.0	-16.9	-25.0	12.4	-4.9	-14.5	-9.2	-6.4
Bloomberg Commodities Index	-35.6	18.9	16.8	-13.3	-1.1	-9.5	-17.0	-24.7	11.8	-5.3	-14.8	-9.3	-6.5



This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary. 62

## Real Assets Overview: Jennison Natural Resources As of 3/31/2017





#### Note: All data provided by the investment manager.

Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## Jennison Natural Resources As of 6/30/2017

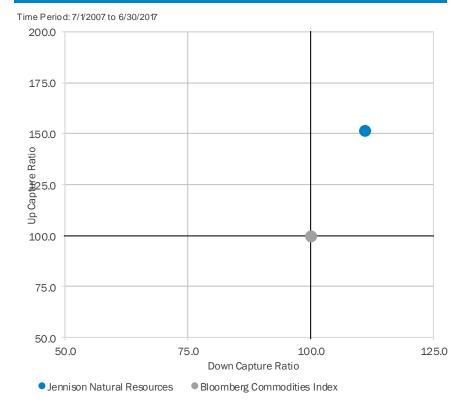
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Jennison Natural Resources	46.5	-52.7	73.7	28.1	-18.5	-2.4	10.1	-19.7	-29.2	34.6	-11.3	-16.9	-4.0	-2.8
Bloomberg Commodities Index	16.2	-35.6	18.9	16.8	-13.3	-1.1	-9.5	-17.0	-24.7	11.8	-5.3	-14.8	-9.3	-6.5

### 10 Year Risk vs. Return Time Period: 7/1/2007 to 6/30/2017 20.0 15.0 10.0 Return 2.0 0.0 -5.0 -10.0 0.0 5.0 10.0 15.0 20.0 25.0 30.0 Std Dev Bloomberg Commodities Index Jennison Natural Resources

EARS

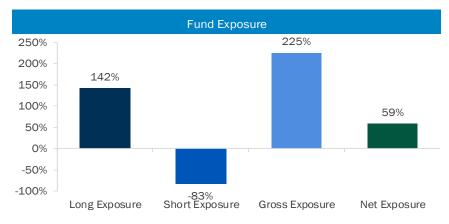
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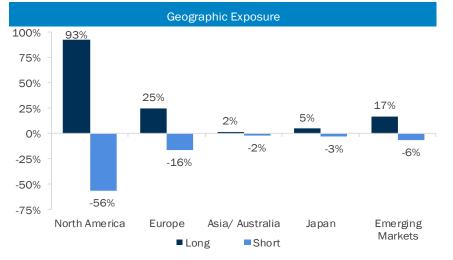
#### 10 Year Market Capture

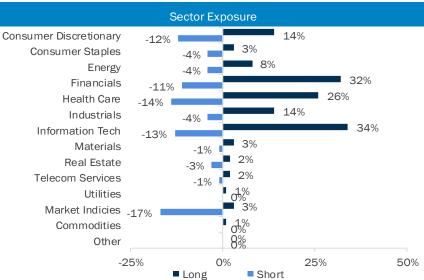


## Hedge Fund of Funds Overview: Wellington Archipelago As of 3/31/2017

Org	anizational Overview
Strategy Type	Equity Long/Short Hedge Fund-of-Funds
Location of Headquarters	Boston, MA
Year Founded	1928
Firm Assets Under Management (\$, B)	\$14.5
Fund Assets Under Management (\$, B)	\$2.3







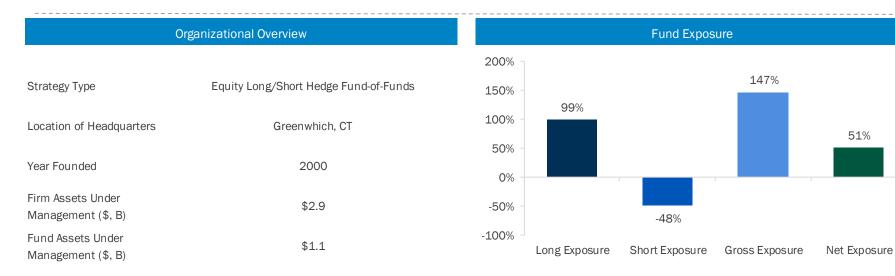
Note: Data provided by the investment manager.

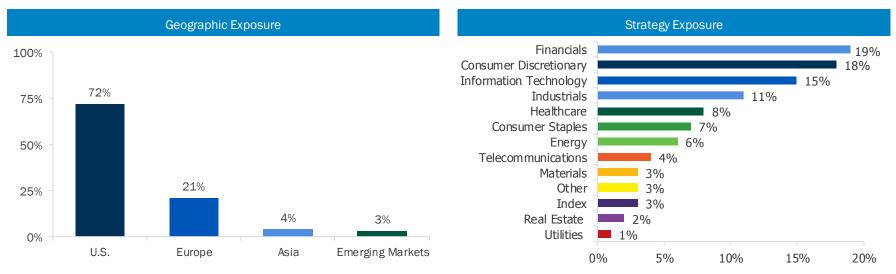
Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## Hedge Fund of Funds Overview: Forester Partners

As of 3/31/2017





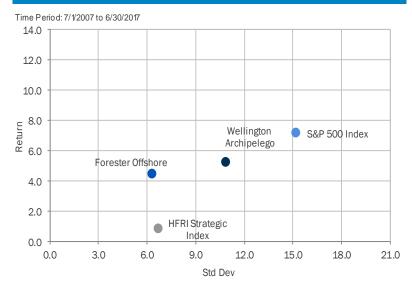
Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



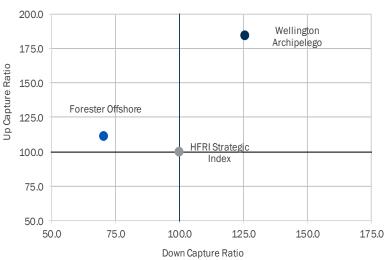
## Hedge Fund Managers As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Wellington Archipelego	13.6	-28.6	39.0	11.2	-5.9	9.8	19.6	3.3	5.3	-3.0	12.0	3.8	8.1	5.2
Forester Offshore	18.6	-13.0	14.6	5.6	-2.4	9.5	15.5	5.7	0.3	-1.5	5.4	2.5	5.8	4.4
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2
HFRI Strategic Index	12.8	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	5.3	1.8	4.5	0.9

#### 10 Year Risk vs. Return



#### 10 Year Market Capture



#### Time Period: 7/1/2007 to 6/30/2017



## Fixed Income Overview:MetWest Low Duration As of 3/31/2017

Portfolio Characteristics	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)	Maturity Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Duration	1.6 yrs	1.9 yrs	0-1 Years	25%	0%
	0.2	1.0	1-3 Years	53%	100%
Average Maturity	verage Maturity 2.3 yrs	1.9 yrs	3-5 Years	12%	0%
Average Quality	-	AAA	5-10 Years	9%	0%
	0.02	4.00/	10-20 Years	1%	0%
Yield to Maturity	2.2%	1.3%	20+ Years	0%	0%

Sector Allocation	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Cash	8%	0%
U.S. Treasury	26%	100%
Direct Agency	0%	0%
Agency Mortgages	8%	0%
Non-Agency Mortgages	14%	0%
CMBS	9%	0%
Asset-Backed	8%	0%
Investment Grade Corp.	28%	0%
Non-Investment Grade Corp.	0%	0%
Municipals	0%	0%
Non-U.S.	0%	0%
Other	0%	0%

Quality Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
AAA	55%	100%
AA	8%	0%
A	22%	0%
BBB	12%	0%
Below Investment Grade	3%	0%
Other	0%	0%

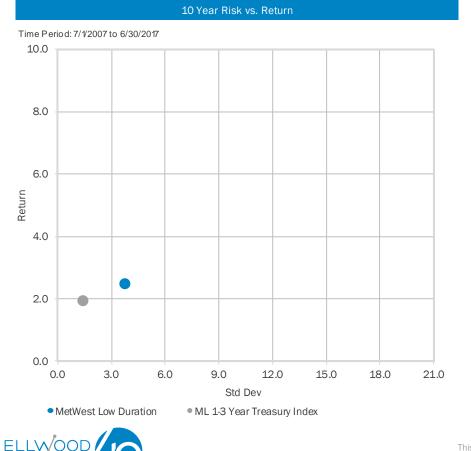
Note: All data provided by the investment manager.

Data shown as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## MetWest Low Duration As of 6/30/2017

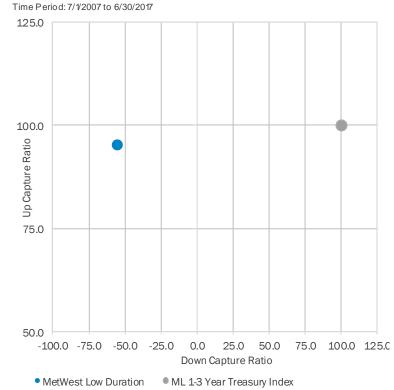
Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Low Duration	-14.6	15.3	10.6	1.2	7.9	2.0	1.6	0.4	1.5	0.9	1.0	2.1	2.5
ML 1-3 Year Treasury Index	6.6	0.8	2.3	1.6	0.4	0.4	0.6	0.5	0.9	0.4	0.7	0.6	1.9



YEARS

10 Year Market Capture

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This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary. 69

# **Investment Program Fee Review**



## Bi-State Development Agency Pension Plan Fee Summary As of June 30, 2017

			Annual Fee in	Morningstar Average
Investment Manager	Style	Fund Expense Ratio	Dollar Terms	Expense Ratio
Dodge & Cox Stock	Large Cap Value	0.52%	\$34,653	1.12%
Vanguard 500 Index	Large Cap Core	0.04%	\$2,349	1.07%
T. Rowe Price Blue Chip Growth	Large Cap Growth	0.58%	\$34,896	1.18%
Vaughan Nelson Value Opportunity	Small-Mid Cap Value	0.98%	\$25,347	1.38%
William Blair SMID Growth	Small-Mid Cap Growth	1.10%	\$36,366	1.29%
Brandes International Equity	Non-US Large Value	0.98%	\$32,162	1.25%
EuroPacific Growth	Non-US Large Blend	0.83%	\$41,982	1.18%
Templeton Foreign Smaller Companies	Non-US Small \ Mid	0.98%	\$16,574	1.53%
Credit Suisse Commodity Return Strategy	Commodity	0.78%	\$4,550	1.38%
Jennison Natural Resources	Natural Resources	0.92%	\$6,053	1.45%
Forester Offshore	Hedge Fund	1.00%	\$29,098	1.86%
Wellington Archipelago	Hedge Fund	1.00%	\$32,599	1.86%
MetWest Low Duration	Fixed Income	0.39%	\$64,575	0.84%
BNY Cash	Money Market	0.18%	\$8,858	-
Total Investment Management Fees <sup>(1)</sup>		0.58%	\$370,062	
Ellwood Associates Consulting Fee <sup>(2)</sup>		0.09%	\$59,956	
Total Fees		0.68%	\$430,018	

<sup>(1)</sup> Investment management fee in dollar terms based on June 30, 2017 market values.

<sup>(2)</sup> Consulting fee based on most recent invoice.



# Endnotes

- As a service to clients, Ellwood may provide reporting information on all assets held in your account, including assets for which it does not provide advisory services. Such assets may include legacy assets, assets for which you have engaged other advisors and, with respect to retirement plans, (i) self-directed brokerage, mutual fund window and similar options, (ii) employer securities, and (iii) real property. While Ellwood seeks to identify such assets as "excluded assets" in your reports and/or in your Consulting Services Agreement, Ellwood shall not be liable or responsible in any respect for the supervision or oversight of such assets.
- The historical information included herein regarding the performance by various funds and managers is historical only and is not a guarantee of future performance.
- Included in this report are various indices and market information as well as, in some cases, prior investment manager data regarding your plan ("Third Party Data"). Such
  information may include, but is not limited to, information that Ellwood purchases from commercial sources and information that is provided to Ellwood at no cost.
  Ellwood Associates has no duty to investigate or inquire into the accuracy or reliability of Third Party Data, and Ellwood may rely fully and completely on any and all such
  information.
- Regarding asset allocations, Ellwood obtains information from multiple sources believed to be reliable as of the date of publication; Ellwood, however, makes no representations as to the accuracy or completeness of such third party information. Ellwood has no obligation to update, modify or amend this information or to otherwise notify a reader thereof in the event that any such information becomes outdated, inaccurate, or incomplete. Specific needs of a client must be reviewed and assessed before determining the proper allocation for a client and must be adjusted to market circumstances. Any opinions herein reflect our judgment as of this date and are subject to change.
- Hypothetical performance results have many inherent limitations. No representation is being made that any performance will or is likely to achieve profits or losses similar to those shown. In fact, there are frequently sharp differences between hypothetical performance results and the actual results subsequently achieved by any particular trading program. One of the limitations of a hypothetical performance record is that decisions relating to the selection of managers and the allocation of assets among those managers were made with the benefit of hindsight based upon the historical rates of return of the selected trading advisors. Therefore, performance records invariably show positive rates of return. Another inherent limitation of these results is that the allocation decisions reflected in the performance record were not made under actual market conditions and, therefore, cannot completely account for the impact of financial risk in actual trading.
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- Universe Note: Beginning with first quarter 2008 reporting, Ellwood is using Morningstar universes.
- Manager and universe returns are shown net of investment management expenses. Index returns are shown gross of investment management expenses.
- Data Disclosure: Mutual fund holdings and performance provided by Morningstar (Copyright ©2017 Morningstar, via Morningstar Direct. All rights reserved)
- Separate Account Performance Attribution Note: Contribution to return measures the impact that each security has on the portfolio's total return and is calculated using
  holdings information in FactSet. The security weights are multiplied by its total return on a daily basis and linked geometrically for any given period. Accordingly, the
  contribution to return shown could differ from actual returns when daily portfolio holdings are not available and/or there is a significant difference between the trade price
  and the closing price of any given security. Furthermore, the contribution to return does not directly take into account manager fees.



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Updated 04/03/17

# Endnotes

- Performance for the Ellwood direct hedge fund Platforms is illustrative prior to client investment. Illustrative performance is provided solely to demonstrate Ellwood's investment process and performance of the underlying asset class, and does not represent client's actual investment results. Illustrative performance is derived from applying the stated allocation during the period shown to actual historical performance data of the underlying hedge funds. Actual allocations and underlying funds selected may differ based on the circumstances of individual clients. Illustrative performance information is not meant to be a historical description of results or a prediction of future performance. Actual results may vary from the results illustrated herein and such variations may be material.
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#### Updated 04/03/17

Attachment 4

## Second Quarter 2017 Performance Report

Bi-State Development Agency IBEW Pension Trust Local 2 and Local 309





### **Table of Contents**

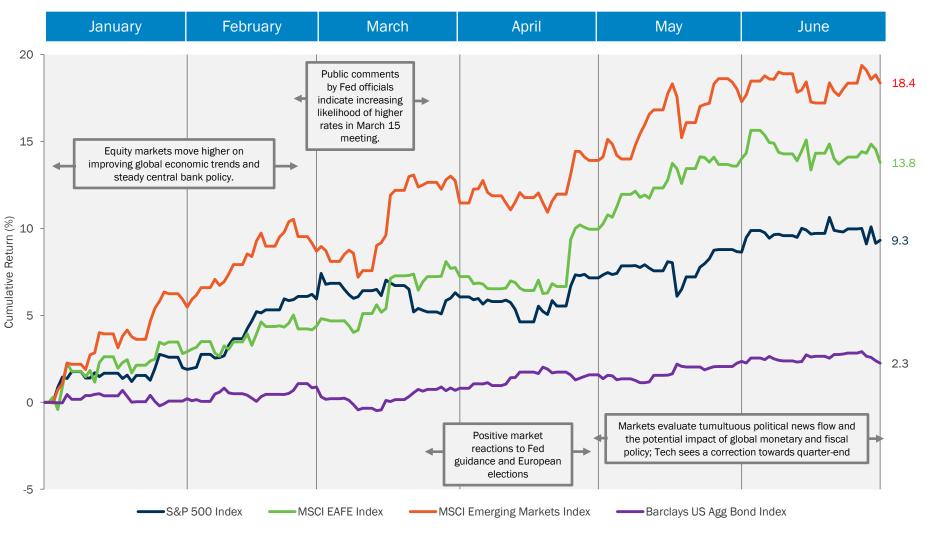
- I. Capital Markets Overview
- II. IBEW Pension Trust Portfolio Review
- III. Investment Manager Appendix
  - Manager Performance Review
  - Investment Program Fee Review



# 2<sup>nd</sup> Quarter 2017 Capital Markets Exhibits



### Year-To-Date Market Timeline



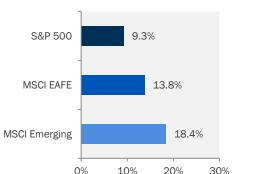
Source: Morningstar Direct, S&P, MSCI, Barclays



### **2017 Performance Drivers**

#### **Positive Performers**

#### 2017 YTD Index Performance



**Technology Sector** Tech % of 2017 Tech Index Index Sector Return S&P 500 22% 17% MSCI EAFE 6% 22% **MSCI** Emerging 24% 35% 20% 30%

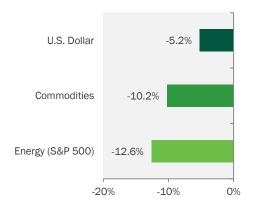
#### **Tech Sector Comments**

- Technology companies, which have driven innovation and disrupted traditional markets, continue to attract investor capital on a global basis despite rising valuations.
- "FAANG" stocks including Facebook (31%), Amazon (29%), Apple (25%), Netflix (21%) & Alphabet/Google (18%) drove U.S. technology performance.
- Within emerging markets, the "SATT" stocks, including Samsung (60%), Alibaba (61%), Tencent (48%) & Taiwan Semiconductor (26%) drove technology sector performance

(2017 YTD returns)

#### 2017 YTD Index Performance

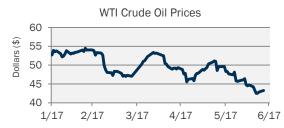
Source: S&P 500 Index, MSCI EAFE Index & MSCI Emerging Markets Index



Negative Performers

#### Oil/Energy

• Oil started the year trading at \$52 per barrel. Prices declined throughout the first half of the year as increased U.S. rig counts boosted supply offsetting production cuts from Russia and OPEC. Oil ended the second quarter at \$43/barrel.



#### U.S. Dollar

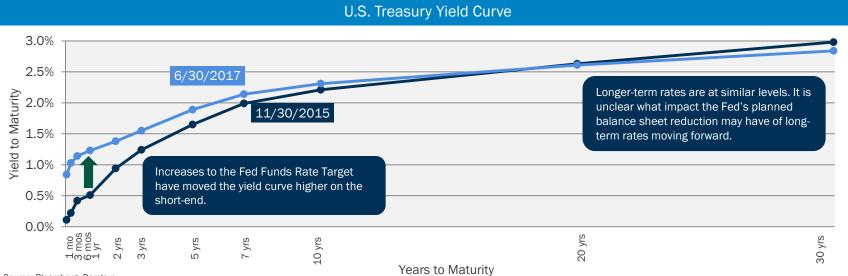
- The U.S. Dollar declined in 2017 following several years of relative strength.
- The Euro appreciated by 8.6% relative to the Dollar in 2017 as economic growth improved and populist threats waned.



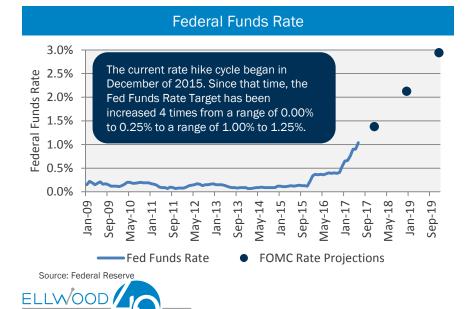
Source: Bloomberg, Factset Economics



### The Impact of Fed Rate Hikes on the Yield Curve



Source: Bloomberg, Barclays



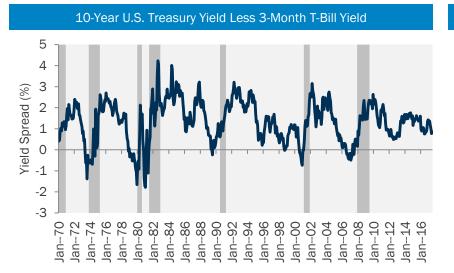
YEARS

	Real Rates and Breakeven Inflation												
5 Years 10 Years													
	Real Rates Breakeven Real Rates Inflation Real Rates												
11/30/2015	0.35%	1.30%	0.62%	1.59%									
6/30/2017 0.26% 1.63% 0.58% 1.73%													
Observations													

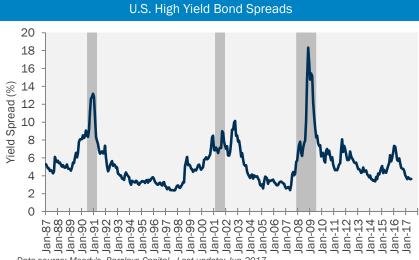
- The Fed rate hikes have not been able to push long-term real rates higher, and inflation expectations are only marginally higher suggesting longer-term growth expectations remain modest.
- In addition to the increases in the Fed Funds Rate, the Fed also announced plans to slowly reduce the size of its balance sheet by not reinvesting proceeds of maturing bonds.

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### **Economic Cycle Indicators**

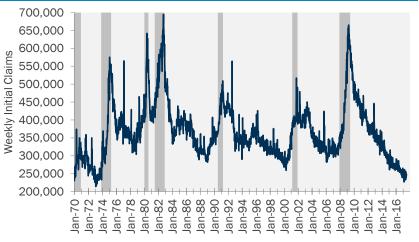


Data source: United States Treasury



Data source: Moody's, Barclays Capital. Last update: Jun 2017

#### **Unemployment Insurance Weekly Initial Claims**



Data source: US Department of Labor. Data is seasonally adjusted. Last update: Jun 2017

#### **Observations**

- The most common cause of a severe equity market correction is a recession.
- While there are no fail proof forward looking predicators of a recession, an inverted yield curve, increases in the unemployment rate, and widening high yield corporate bond spreads are among the more reliable predictors.
- None of these three predictors are currently indicating a recession is immininent.

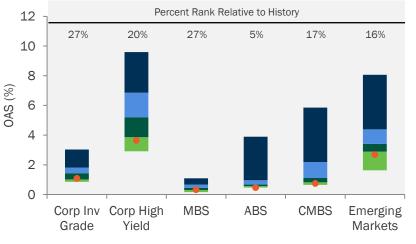


### Market Valuations and Volatility



- VIX

#### Fixed Income Spreads Relative to History



Source: Barclays

12/16

#### Observations

- Equity valuations, especially in the U.S., remain above historical averages. Expectations for strong corporate growth rates support higher valuations as shown by the more reasonable forward valuations.
- Bond spreads are tight (low incremental yield relative to Treasury bonds of a similar maturity) relative to historical ranges, indicating challenging valuations across bond markets.
- The market's current expectations for equity volatility is low compared to history.

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YEARS

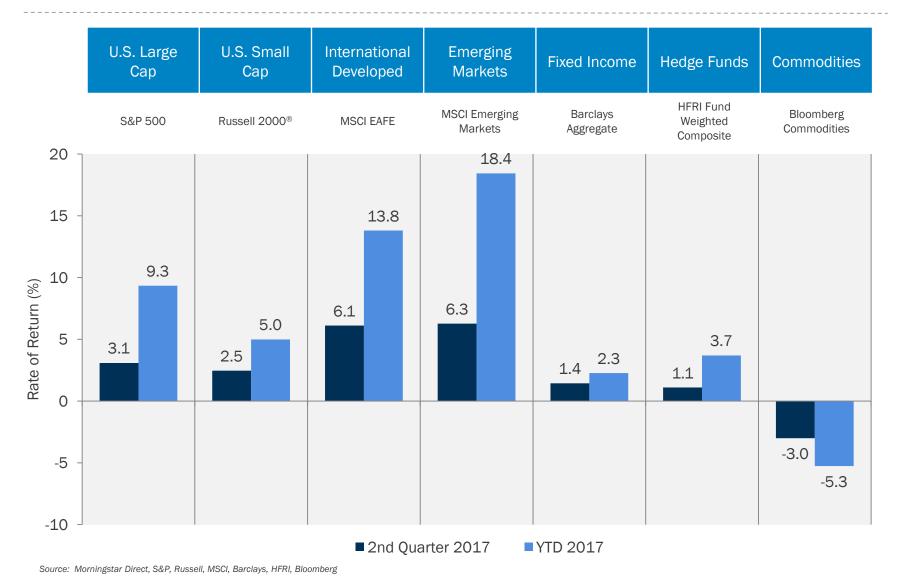
Source: CBOE, Morningstar

### An Updated View on the 2017 Outlook

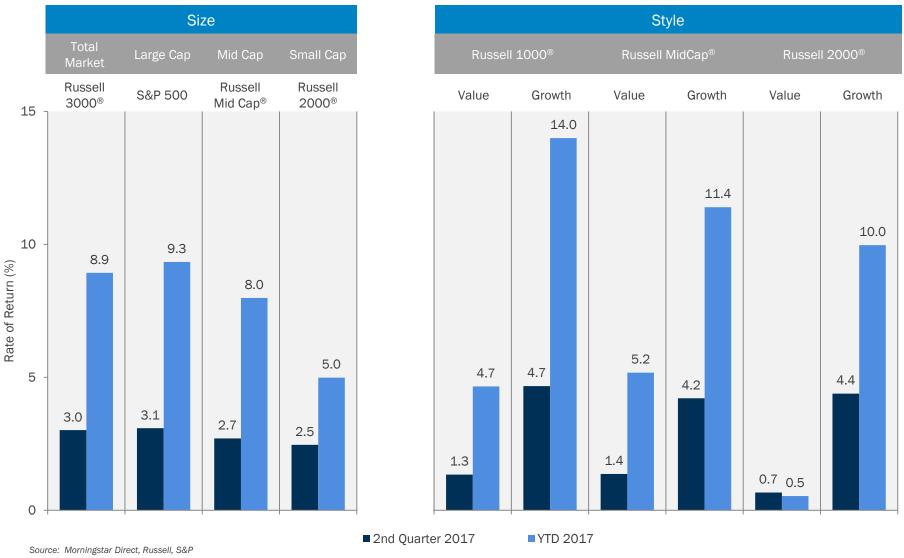
Theme	Upside Scenario	Downside Scenario	Current Status
Fiscal Policy Stimulus	Expansionary fiscal policy such as corporate tax cuts are <u>quickly agreed upon</u> , providing a swift boost to corporate earnings. Infrastructure spending and deregulation, while having a longer implementation period, also achieves consensus to move forward.	Fiscal hawks push back and <u>significantly</u> <u>delay</u> proposals, instead seeking tax reform and spending that does not increase the deficit or the national debt.	The timeliness and magnitude of pro- business policies have become more uncertain amid political gridlock.
Global Trade Policy	The tone of early trade negotiations is balanced, resulting in a framework that allows for <u>compromises</u> for both the US and its trade partners, mitigating concerns of negative impacts on economic growth and foreign policy relationship.	The administration uses its Presidential powers to quickly move forward with tariffs, provoking a <u>trade war</u> that has an abrupt negative impact on the revenue of exporters and its suppliers and causes a sharp upward spike in inflation expectations.	The appointment of US Trade Representative Robert Lighthizer should allow for clearer communications regarding future trade negotiations.
US Monetary Policy	The US Federal Reserve tightens monetary policy <u>in-line with market expectations</u> (currently two rate hikes for 2017).	High inflation surprises the Fed, leading to an <u>accelerated pace</u> of monetary policy tightening and resulting in a sharp spike in volatility across global equity, fixed income and currency markets.	Inflation has leveled off as energy prices have weakened.
Elections and Referendums	Concerns over elections outcomes – particularly in Europe – are overblown as transfers of political party power are orderly and proposed changes are more symbolic than economically-substantive, calming markets.	Anti-establishment candidates <u>sweep major</u> <u>European elections</u> , and amid unstable political coalitions, markets begin to price in a highly uncertain future for the EU and the Eurozone.	Losses by far-right candidates in Austria, and the Netherlands and France has significantly improved market sentiment.
China's Financial Conditions	China <u>successfully manages to moderate</u> ballooning debt levels and slow capital outflows without a negative impact on economic growth.	Capital <u>outflows sharply accelerate</u> , and China decides on a one-time large devaluation of the Yuan, creating turmoil and defaults in debt markets as liquidity dramatically falls.	China continues to roll out new regulations that clamp down on financial sector activities considered aggressive by Chinese regulators.



### **Market Overview**



### **U.S. Equity Market Performance**



Note: Russell Style Indices shown; Russell 3000®, Russell Mid Cap®, Russell 2000®.



### S&P 500 Scorecard

		Sect	or Returns		
	<u>Div.</u> <u>Yield<sup>(1)</sup></u>	<u>P/E</u> <u>Ratio<sup>(2)</sup></u>	<u>15-Yr</u> <u>Avg.</u> <sup>(3)</sup>		
Technology	1.4%	22.8x	21.3x	4.1%	Energ
Health Care	1.6%	23.7x	20.6x	7.1%	Materials 3%
Consumer Discretionary	1.4%	22.8x	18.9x	2.4%	Consumer Staples
Industrials	2.0%	22.0x	18.0x	4.7% 9.5%	9%
S&P 500	1.9%	21.6x	17.3x	3.1% 9.3%	
Materials	2.0%	23.2x	18.7x	<b>3.2%</b> <b>9.2%</b>	Technology 22%
Utilities	3.4%	20.2x	16.1x	2.2% 8.8%	Source: Morningstar Direct, S&P
Consumer Staples	2.6%	21.6x	19.1x	1.6% 8.0%	Top Five
Financials	1.6%	15.9x	14.6x	4.2%	
Real Estate	3.3%	35.1x	37.5x	<b>2.8% 6.4%</b>	Name 1. Apple, Inc.
Telecom	5.1%	17.2x	20.0x -7.0% -10.7%		2. Microsoft Corp.
Energy	2.9%	33.8x	14.9x -6.4%		3. Exxon Mobil Corp.
			-12.0%		4. Amazon

2<sup>nd</sup> Quarter 2017

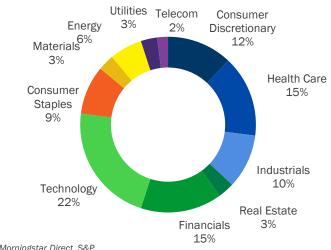
YTD 2017

Source: Morningstar Direct, S&P <sup>(1)</sup>Trailing 12 month as of 6/30/2017. <sup>(2)</sup>Trailing 12 month P/E as of 6/30/2017.

 $^{(3)}$ 15-year average trailing 12 month P/E as of 6/30/2017.



#### Sector Weights

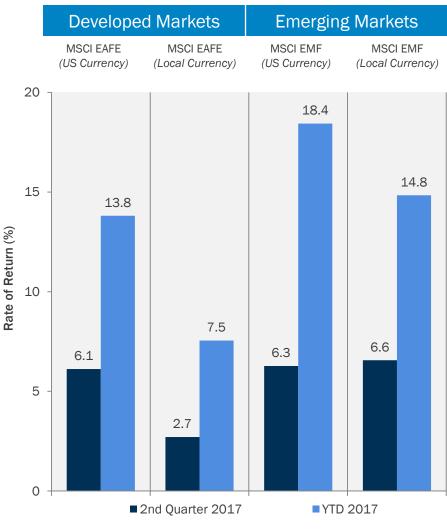


#### Top Five S&P 500 Index Holdings

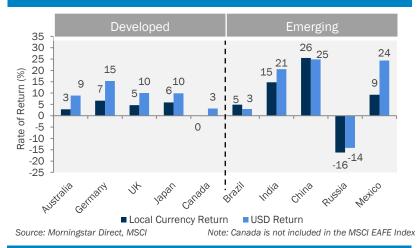
Name	Sector	% of S&P	YTD 2017 Return	YTD 2017 Contribution to Return
1. Apple, Inc.	Technology	3.6%	25.4%	0.82%
2. Microsoft Corp.	Technology	2.5%	12.2%	0.31%
3. Exxon Mobil Corp.	Energy	1.7%	-9.9%	-0.17%
4. Amazon	Cons. Discr.	1.7%	29.1%	0.45%
5. Johnson & Johnson	Health Care	1.6%	16.3%	0.27%

Source: Morningstar Direct, S&P

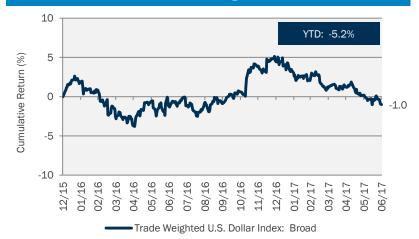
### Non-U.S. Equity Market Performance



#### **YTD International Market Returns**



#### U.S. Dollar vs. Foreign Currencies



Source: Morningstar Direct, MSCI

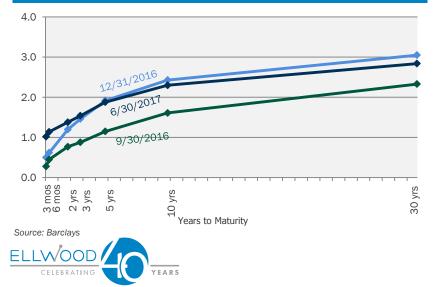


Source: Federal Reserve Board; US trade-weighted index.

### **Fixed Income Markets**

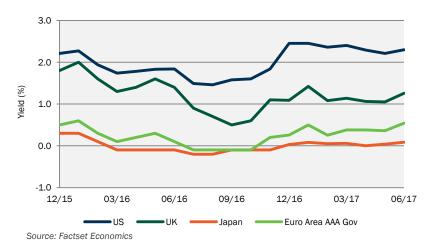


U.S. Treasury Yield Curve





**Global Ten Year Government Spot Yields** 



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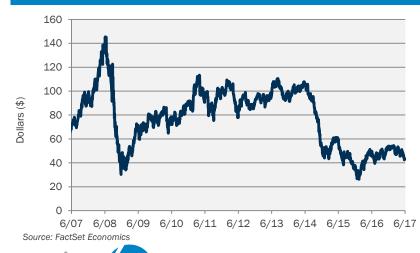
### **Real Assets Performance**

Asset Class Performance 2nd Quarter 2017 YTD 2017 10 Rate of Return (%) 5 2.0 0.7 0 -0.4 -0.9 -3.0 -5 -5.3 -10 Bloomberg Commodity Index S&P Global Natural Resources Stock Index Barclays US TIPS (1-10 Year) Index

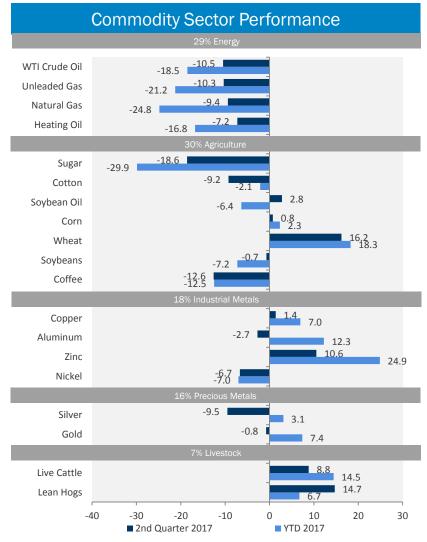
Source: Morningstar Direct, Bloomberg, S&P, Barclays

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#### Historical WTI Crude Oil Prices



YEARS



Source: Morningstar Direct, Bloomberg

### World Markets Heat Map

Calendar Year Returns									Annı	ualized Re	eturns							
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		YTD	1-Yr	3-Yr	5-Yr	10-Yr	TTM P/E	Div. Yield
U.S. Equity											U.S. Equity							
S&P 100 Index	-35.3%	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	8.9%	S&P 100 Index	8.9%	17.7%	9.7%	13.9%	6.9%	21.2x	2.3%
S&P 500 Index	-37.0%	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	9.3%	S&P 500 Index	9.3%	17.9%	9.6%	14.6%	7.2%	21.4x	2.1%
Russell 1000 Value Index	-36.9%	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	4.7%	Russell 1000 Value Index	4.7%	15.5%	7.4%	13.9%	5.6%	18.2x	2.5%
Russell 1000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 1000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.4x	1.5%
Russell 2000 Index	-33.8%	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	5.0%	Russell 2000 Index	5.0%	24.6%	7.4%	13.7%	6.9%	21.1x	1.5%
Russell 2000 Value Index	-28.9%	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	0.5%	Russell 2000 Value Index	0.5%	24.9%	7.0%	13.4%	5.9%	18.1x	2.3%
Russell 2000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 2000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.7x	0.8%
Russell Micro Cap Index	-39.8%	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	4.2%	Russell Micro Cap Index	4.2%	27.6%	6.7%	13.7%	5.5%	17.4x	1.2%
Non U.S. Equity											Non U.S. Equity						_	
MSCI ACWI ex U.S. Index	-45.5%	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	14.1%	MSCI ACWI ex U.S. Index	14.1%	20.5%	0.8%	7.2%	1.1%	17.0x	3.3%
MSCI EAFE Index	-43.4%	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	13.8%	MSCI EAFE Index	13.8%	20.3%	1.1%	8.7%	1.0%	17.9x	3.5%
MSCI EAFE Small Cap Index	-47.0%	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	16.7%	MSCI EAFE Small Cap Index	16.7%	23.2%	5.6%	12.9%	3.4%	16.7x	2.6%
MSCI Emerging Markets Index	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	18.4%	MSCI Emerging Markets Index	18.4%	23.7%	1.1%	4.0%	1.9%	14.6x	2.8%
MSCI Emerging Mkts. Small Cap Index	-58.2%	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	16.0%	MSCI Emerging Mkts. Small Cap Index	16.0%	17.0%	0.8%	5.1%	2.2%	17.6x	2.5%
MSCI Frontier Markets Index	-54.1%	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	15.6%	MSCI Frontier Markets Index	15.6%	19.2%	-3.4%	8.6%	-1.5%	12.5x	3.5%
Global											Global							
MSCI ACWI Index	-42.2%	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	11.5%	MSCI ACWI Index	11.5%	18.8%	4.8%	10.5%	3.7%	19.1x	2.6%
Fixed Income	_										Fixed Income						Duration	YTW
Barclays US Aggregate Index	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	2.3%	Barclays US Aggregate Index	2.3%	-0.3%	2.5%	2.2%	4.5%	6.0	2.6%
Barclays US Inv. Grade. Corp. Index	-4.9%	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	3.8%	Barclays US Inv. Grade. Corp. Index	3.8%	2.3%	3.6%	4.0%	5.8%	7.4	3.2%
Barclays High Yield Index	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	4.9%	Barclays High Yield Index	4.9%	12.7%	4.5%	6.9%	7.7%	3.8	5.7%
Barclays US Corp Long AA+ Index	8.2%	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	5.6%	Barclays US Corp Long AA+ Index	5.6%	-0.4%	5.9%	4.8%	7.6%	13.9	4.3%
Barclays US Treasury Long Index	24.0%	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	5.4%	Barclays US Treasury Long Index	5.4%	-7.2%	5.6%	2.8%	7.3%	17.6	2.8%
Barclays U.S. Municipal Bond Index	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	3.6%	Barclays U.S. Municipal Bond Index	3.6%	-0.5%	3.3%	3.3%	4.6%	6.3	2.3%
Barclays Global Agg. ex. U.S. Index	4.4%	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	6.1%	Barclays Global Agg. ex. U.S. Index	6.1%	-3.8%	-2.4%	-0.4%	3.0%	7.8	0.8%
Barclays EM Debt (Local) Gov't Index		17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	8.8%	Barclays EM Debt (Local) Gov't Index	8.8%	3.8%	-1.8%	0.9%		5.6	4.8%
Alternatives											Alternatives						_	
Bloomberg Commodity Index	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	-5.3%	Bloomberg Commodity Index	-5.3%	-6.5%	-14.8%	-9.2%	-6.5%		
Bloomberg Commodity – Gold	3.9%	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	7.4%	Bloomberg Commodity – Gold	7.4%	-6.9%	-2.7%	-5.5%	5.9%		
Bloomberg Commodity – WTI Crude Oil	-53.2%	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	-18.5%	Bloomberg Commodity – WTI Crude Oil	-18.5%	-16.9%	-36.7%	-20.5%	-15.6%		
Bloomberg Commodity – Agriculture	-27.5%	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-3.4%	Bloomberg Commodity – Agriculture	-3.4%	-13.0%	-10.3%	-8.6%	-1.7%		
HFRI FOF Composite Index	-21.4%	11.5%	5.7%	-5.7%	4.8%	9.0%	3.4%	-0.3%	0.5%	2.6%	HFRI FOF Composite Index	2.6%	5.8%	1.3%	3.7%	0.8%		
HFRI Equity Hedge Index	-26.6%	24.6%	10.5%	-8.4%	7.4%	14.3%	1.8%	-1.0%	5.5%	6.2%	HFRI Equity Hedge Index	6.2%	12.5%	3.0%	6.3%	2.8%	-	
Source: Morningstar Direct Bloomberg											Source: Morningstar Direct Bloomberg							

Source: Morningstar Direct, Bloomberg

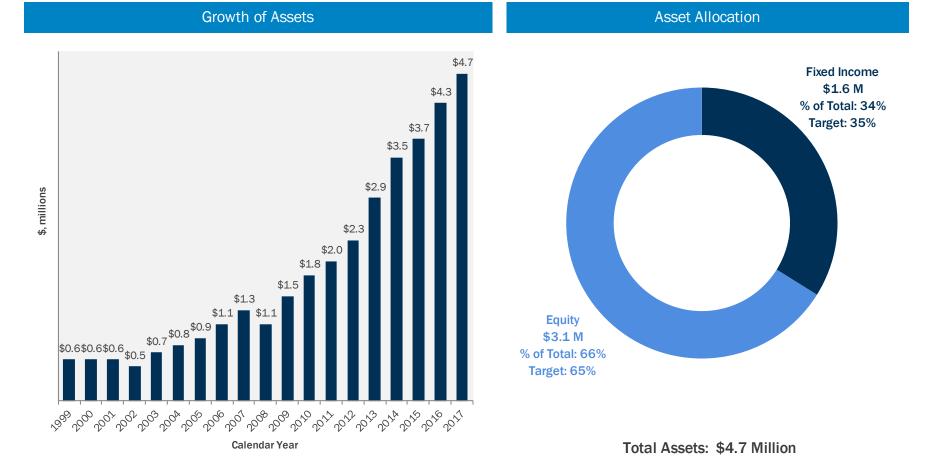
Source: Morningstar Direct, Bloomberg



# **IBEW Pension Trust Portfolio Review**



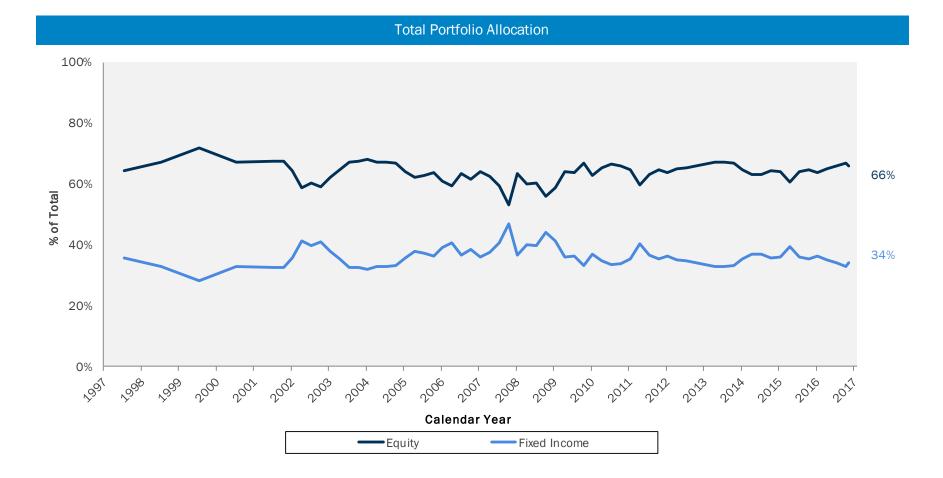
### Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309 As of June 30, 2017



Note: Totals may not add up to 100% due to rounding.



### Total Portfolio Asset Allocation As of June 30, 2017





### Total Portfolio Manager Allocation As of June 30, 2017



100% of Fixed Income



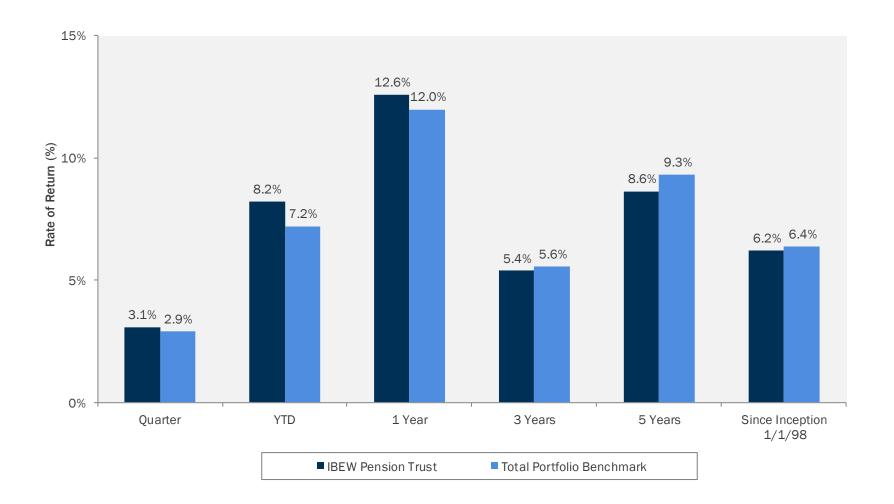
### **Market Benchmark Definitions**

Market Benchmark	Total Portfolio	Total Equity	Total Fixed
Wilshire 5000 Index	50%	77%	O%
MSCI EAFE Index	15%	23%	O%
Barclays Aggregate Bond Index	<u>35%</u>	<u>0%</u>	<u>100%</u>
	100%	100%	100%

Note: Prior to 1/1/09, the equity segment benchmark was 85% Wilshire 5000 Index and 15% MSCI EAFE Index.

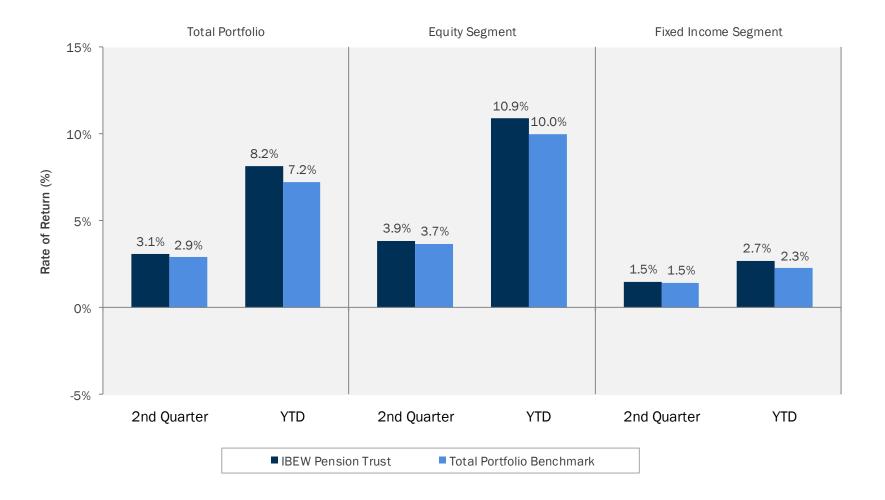


### Total Portfolio Performance Review As of June 30, 2017



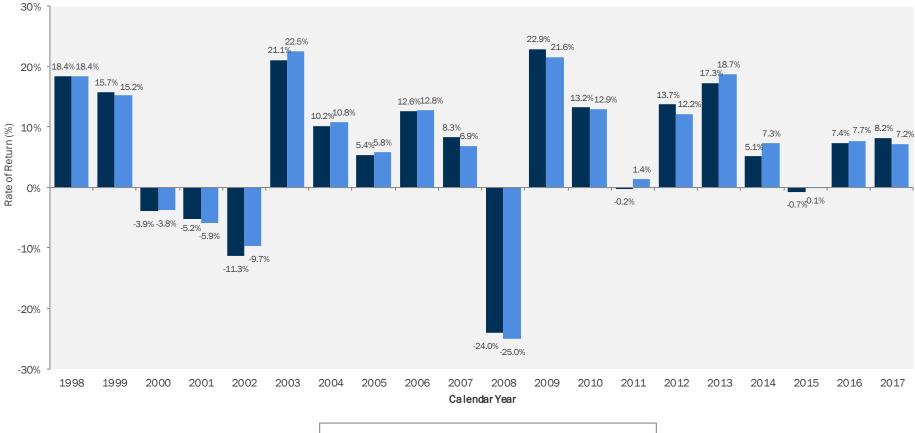


# As of June 30, 2017





### Bi-State Development Agency IBEW Pension Trust Calendar Year Performance

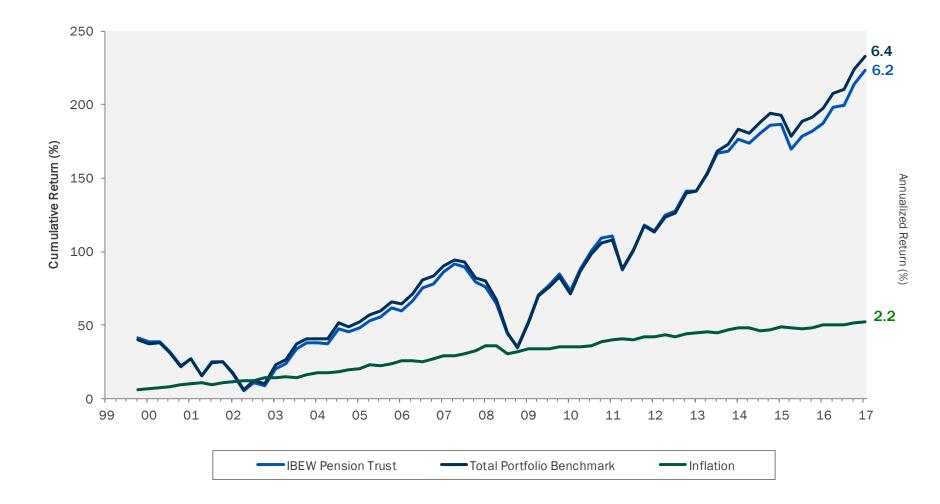


IBEW Pension Trust
Total Portfolio Benchmark



### Performance Summary

Total Portfolio vs. Inflation - 19.50 Years (1998 - June 2017)





### Manager Performance As of June 30, 2017

				Annualize	ed	
Asset Class	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
U.S. Equity						
Vanguard S&P 500 Index	3.1%	9.3%	14.6%	7.2%	6.7%	12/31/97
S&P 500 Index	3.1%	9.3%	14.6%	7.2%	6.8%	
Vaughan Nelson Value Opp.	-0.2%	4.0%	12.8%		-1.2%	5/28/15
Russell Mid Cap Value Index	1.4%	5.2%	15.1%	7.2%	7.7%	
Artisan Small Cap Growth	5.6%	15.7%	12.9%	7.3%	9.3%	8/28/13
Russell 2000 Growth Index	4.4%	10.0%	14.0%	7.8%	10.7%	
Non U.S. Equity						
Harbor International	6.8%	16.1%	6.8%	2.2%	0.3%	5/22/14
MSCI EAFE Index	6.1%	13.8%	8.7%	1.0%	1.8%	
Fixed Income						
Dodge & Cox Income	1.5%	2.7%	3.4%	5.2%	3.0%	12/02/14
Barclays Aggregate Bond Index	1.5%	2.3%	2.2%	4.5%	2.0%	

Note: Illustrative performance shown prior to manager inception.

Returns less than one year are not annualized.



# **Manager Performance Review**



#### Vanguard 500 Index As of 6/30/2017

	Portfolio Statis	tics			Sector Allocation (%)
As of Date: 6/30/2017		Manager	Index	Consumer Discretionar	12 12
Market Cap (\$,B)		168.7	168.9		
P/E Ratio		21.5	21.6	Consumer Staples	9
P/B Ratio		3.0	3.0		6
Dividend Yield (%)		1.9	1.9	Energy	6
				Financials	14
	Top Ten Holdir	ngs		Healthcare	14 15
	Sector	% of Portfolio	YTD Return	Industrials	10
Apple Inc	Information Technology	3.9	25.4	Information Technology	23
Microsoft Corp	Information Technology	2.6	12.2	mornation recimology	22
Amazon.com Inc	Consumer Discretionary	1.9	29.1	Materials	3
Facebook Inc A	Information Technology	1.7	31.2	Materials	3
Johnson & Johnson	Health Care	1.7	16.2	Real Estate	3
Exxon Mobil Corp	Energy	1.6	-8.9	Real Estate	3
Berkshire Hathaway Inc B	Financials	1.4	3.9	Telecom Services	2
JPMorgan Chase & Co	Financials	1.4	7.1		2
Alphabet Inc A	Information Technology	1.4	17.3	Utilities	3
Alphabet Inc C	Information Technology	1.4	17.7	odinaco	3
					0 5 10 15 20 25 30 35 40 45 50

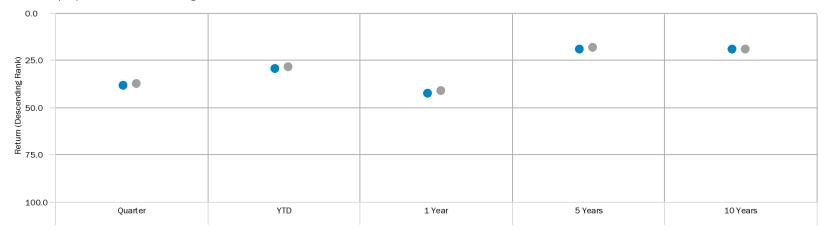
Vanguard 500 Index

■S&P 500 Index



### Vanguard 500 Index As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Blend



Vanguard 500 Index

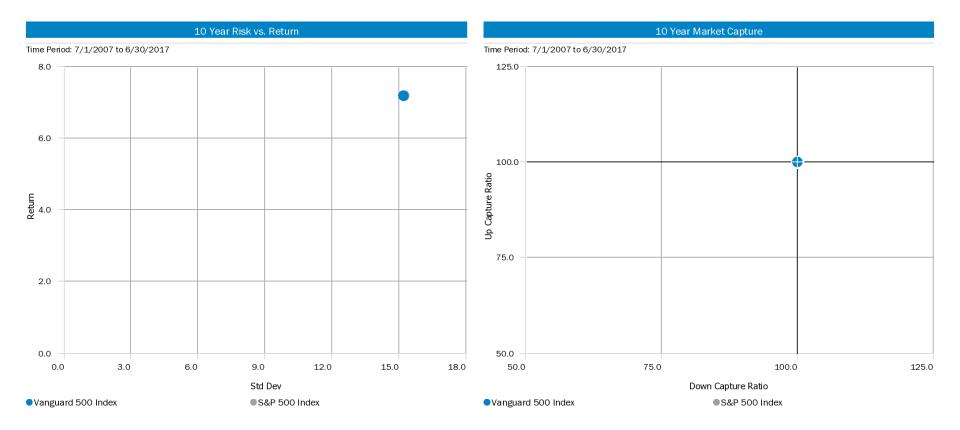
S&P 500 Index

	Trailing Returns (%)													
	Quarter	YTD	1 Year	5 Years	10 Years									
Vanguard 500 Index	3.1	9.3	17.9	14.6	7.2									
Peer group percentile	38	29	42	19	19									
S&P 500 Index	3.1	9.3	17.9	14.6	7.2									
Peer group percentile	37	28	41	18	19									
25th Percentile	3.4	9.4	19.3	14.4	7.0									
50th Percentile	3.0	8.8	17.5	13.8	6.4									
75th Percentile	2.4	7.6	15.4	12.6	5.6									



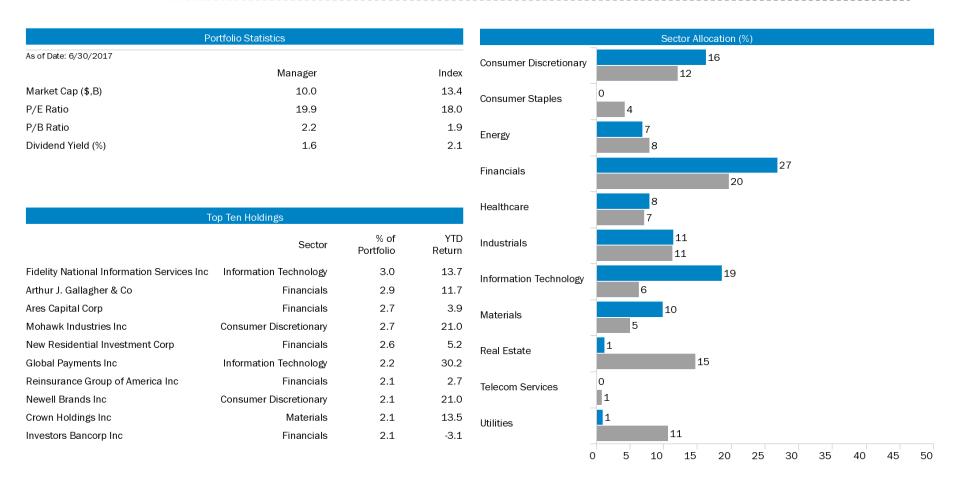
#### Vanguard 500 Index As of 6/30/2017

	Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)	
Vanguard 500 Index	5.5	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	9.3	9.6	14.6	7.2	
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2	



Source: Morningstar Direct

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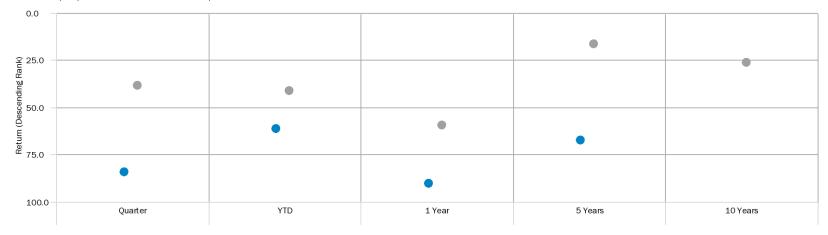


Natixis Vaughan Nelson Value Opp

Russell Mid Cap Value Index



Peer Group: Open End Funds - U.S. - Mid-Cap Value



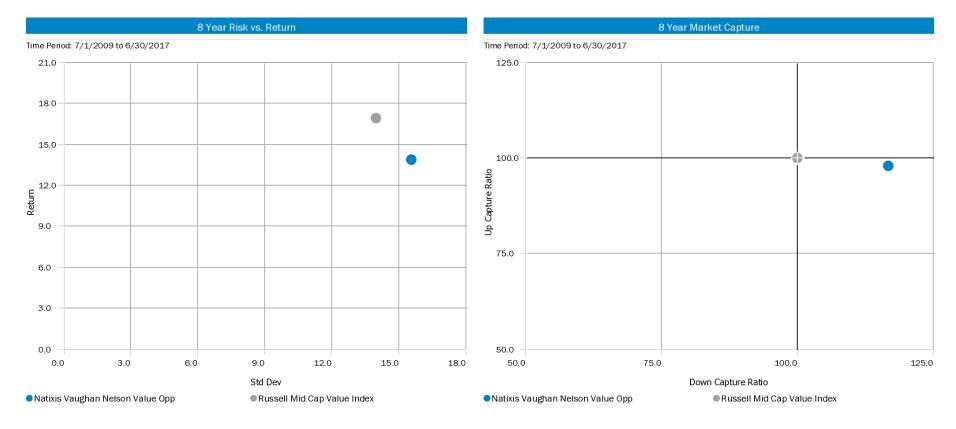
Natixis Vaughan Nelson Value Opp

Russell Mid Cap Value Index

	Trailing Returns (%)													
	Quarter	YTD	1 Year	5 Years	10 Years									
Natixis Vaughan Nelson Value Opp	-0.2	4.0	12.6	12.8										
Peer group percentile	84	61	90	67										
Russell Mid Cap Value Index	1.4	5.2	15.9	15.1	7.2									
Peer group percentile	38	41	59	16	26									
25th Percentile	1.8	6.3	19.8	14.7	7.2									
50th Percentile	0.9	4.5	16.4	13.9	6.3									
75th Percentile	0.1	3.1	15.0	12.4	5.5									



	Returns (%)													
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Natixis Vaughan Nelson Value Opp			31.4	20.0	-2.5	16.3	41.5	11.2	-3.5	6.1	4.0	3.1	12.8	
Russell Mid Cap Value Index	-1.4	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	5.2	7.5	15.1	7.2





Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 1.6 Information Technology 0.9 Consumer Discretionary 0.9 Materials 0.3 Real Estate 0.1 Telecommunication Services 0.0 Consumer Staples 0.0 Cash -0.1 Health Care Utilities -0.9 Industrials -1.0 Energy -1.0 Financials -0.8 0.0 0.8 1.5 2.3 -1.5

Top 5 Stock Relative Performers						
	Relative Weights*	Return	Active Return			
RingCentral Inc Class A	1.2	77.4	0.5			
Grand Canyon Education Inc	2.2	34.1	0.5			
Packaging Corp of America	1.5	33.0	0.4			
Avery Dennison Corp	1.4	27.2	0.3			
Global Payments Inc	2.2	30.2	0.3			
Bottom	5 Stock Relative Performers	3				
	Relative Weights*	Return	Active Return			
HD Supply Holdings Inc		Return -27.9				
HD Supply Holdings Inc QEP Resources Inc	Weights*		Return			
	Weights* 1.7	-27.9	Return -0.6			
QEP Resources Inc	Weights* 1.7 1.3	-27.9 -45.1	Return -0.6 -0.6			

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	14.2	14.3	2.1	8.6	10.2	0.9	0.3	0.6	0.9
Consumer Staples	0.0		0.0	3.2	5.2	0.2	0.0	0.0	0.0
Energy	7.3	-34.0	-3.0	9.6	-17.9	-1.9	0.6	-1.6	-1.0
Financials	26.7	1.6	0.4	19.8	5.6	1.1	0.0	-1.1	-1.0
Health Care	10.6	8.9	0.9	4.2	15.1	0.6	0.6	-0.7	-0.1
Industrials	11.6	1.0	0.2	12.9	8.6	1.1	0.0	-0.8	-0.9
Information Technology	18.2	18.8	3.3	9.2	14.1	1.2	0.8	0.8	1.6
Materials	8.9	14.2	1.3	6.1	4.3	0.3	0.1	0.8	0.9
Real Estate	0.9	17.6	0.2	14.0	3.6	0.5	0.2	0.1	0.3
Telecommunication Services	0.0		0.0	1.2	-3.0	0.0	0.1	0.0	0.1
Utilities	0.2	2.2	0.0	11.2	8.7	0.9	-0.4	0.0	-0.4
Cash	1.5	0.3	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	5.3	5.3	100.0	4.9	4.9	2.1	-1.7	0.4

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Deried: 1 /1 /0017 to 6 /20 /0017



#### Artisan Small Cap As of 6/30/2017

	Portfolio Statistics				Sector Allocation (%)
As of Date: 6/30/2017				Consumer Discretionar	12
	Manage	r	Index	bonoumer biooredonal	14
Market Cap (\$,B)	5.4	Ļ	2.3	Consumer Staples	2
P/E Ratio	42.2	2	26.5	consumer stupies	3
P/B Ratio	5.8	3	4.2	Energy	1
Dividend Yield (%)	0.2	2	0.7	Energy	1
				Financials	6 6
	Top Ten Holdings			Healthcare	20
	Top Ten Holdings				
	Sector	% of Portfolio	YTD Return	Industrials	24 17
Acuity Brands Inc	Industrials	4.4	-11.8	Information Technology	, 36
DexCom Inc	Health Care	4.4	22.5	monnation reenhology	24
Cognex Corp	Information Technology	4.2	33.7	Materials	0
Veeva Systems Inc Class A	Health Care	3.2	50.6	materiale	5
Teledyne Technologies Inc	Industrials	3.2	3.8	Real Estate	0
John Bean Technologies Corp	Industrials	3.1	14.3		4
BWX Technologies Inc	Industrials	3.0	23.3	Telecom Services	0
Proofpoint Inc	Information Technology	3.0	22.9		1
The Ultimate Software Group Inc	Information Technology	2.9	15.2	Utilities	0
Guidewire Software Inc	Information Technology	2.8	39.3	01	1
					0 5 10 15 20 25 30 35 40 45 50

Artisan Small Cap

Russell 2000 Growth Index



### Artisan Small Cap As of 6/30/2017



Peer Group: Open End Funds - U.S. - Small Growth



Artisan Small Cap

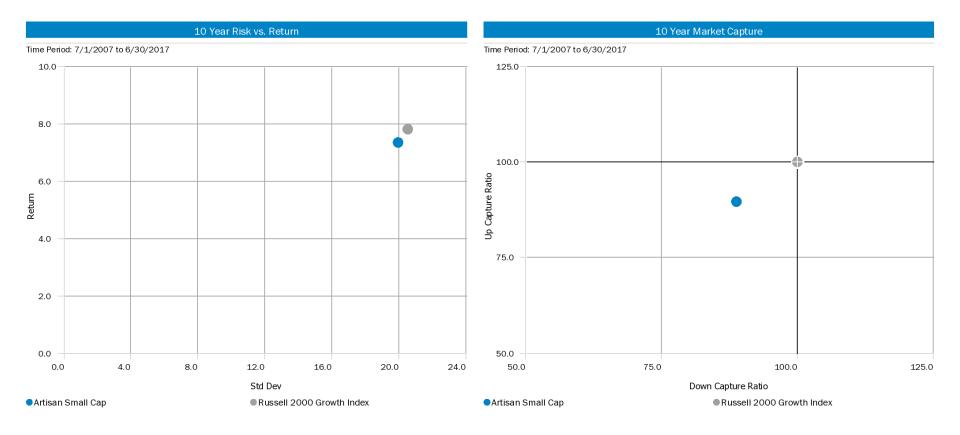
Russell 2000 Growth Index

Trailing Returns (%)						
	Quarter	YTD	1 Year	5 Years	10 Years	
Artisan Small Cap	5.6	15.7	19.8	12.9	7.3	
Peer group percentile	25	10	80	52	48	
Russell 2000 Growth Index	4.4	10.0	24.4	14.0	7.8	
Peer group percentile	49	51	35	28	34	
25th Percentile	5.6	12.8	25.9	14.1	8.1	
50th Percentile	4.3	10.1	22.6	12.9	7.3	
75th Percentile	2.8	7.3	20.3	11.6	6.4	



## Artisan Small Cap As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Small Cap	3.3	-43.9	44.1	20.5	7.0	17.8	42.8	-0.8	0.3	5.5	15.7	8.2	12.9	7.3
Russell 2000 Growth Index	7.0	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	10.0	7.6	14.0	7.8



Source: Morningstar Direct



## Artisan Small Cap As of 6/30/2017

	Sector Relat	ive Performan	ce: Total Effect		Top 5 Sto	ock Relative Performers		
Time Period: 1/1/2017 to 6/30	)/2017			5.5		Relative Weights*	Return	Active Return
Information Technology	_		1.0	5.5	Cognex Corp	4.0	33.7	0.8
Consumer Discretionary	_		1.9		Ollie's Bargain Outlet Holdings Inc	1.7	49.7	0.7
Energy	_	0.4			Guidewire Software Inc	2.9	39.3	0.7
Financials	_	0.4			Veeva Systems Inc Class A	3.2	50.6	0.7
Consumer Staples	_	0.2			CoStar Group Inc	2.3	39.8	0.6
Industrials	_	0.1			Bottom 5 S	tock Relative Performers	3	
Real Estate Utilities	_	0.0				Relative Weights*	Return	Active Return
Materials	_				Acuity Brands Inc	4.4	-11.8	-0.9
Telecommunication Services	-	-0.1			Pandora Media Inc	1.1	-31.6	-0.6
					Envision Healthcare Corp	1.1	-1.0	-0.3
Cash	-0.5						1.0	0.0
Cash Health Care	-0.9	0.0	2.0	4.0 6.0	GenMark Diagnostics Inc	1.0	-3.3	-0.3

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	11.7	18.8	2.2	15.0	4.4	0.7	0.2	1.7	1.9
Consumer Staples	1.4	1.0	0.0	3.1	-1.3	0.0	0.2	0.0	0.2
Energy	1.1	-15.2	-0.1	1.3	-32.5	-0.5	0.1	0.3	0.4
Financials	4.3	6.1	0.4	5.6	2.2	0.1	0.1	0.3	0.4
Health Care	18.5	21.4	3.9	21.4	24.5	5.0	-0.4	-0.5	-0.9
Industrials	23.2	5.3	1.3	16.1	2.2	0.4	-0.6	0.7	0.1
Information Technology	34.8	27.9	9.3	25.1	11.8	2.9	0.2	5.3	5.5
Materials	0.0		0.0	5.3	11.7	0.6	-0.1	0.0	-0.1
Real Estate	0.0		0.0	5.5	9.4	0.5	0.0	0.0	0.0
Telecommunication Services	0.0		0.0	0.8	24.4	0.2	-0.1	0.0	-0.1
Utilities	0.0		0.0	0.8	7.3	0.1	0.0	0.0	0.0
Cash	5.0	0.4	0.0	0.0		0.0	-0.5	0.0	-0.5
Attribution Total	100.0	17.0	17.0	100.0	10.0	10.0	-0.8	7.8	7.0

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



	Regional Allocation (%	)			Sector Allocation (%)
	Ma	nager	Index	Concurrer Discretionen	18
North America		16.4	1.2	Consumer Discretionary	12
Latin America Emerging		4.1	0.0		
United Kingdom		14.0 51.0	17.2 45.2	Consumer Staples	16
Europe Developed Europe Emerging		0.0	45.2 0.0		12
Africa/Middle East		1.5	0.6	Energy	4
Japan		10.8	23.5	Energy	5
Australia/New Zealand		0.0	7.1		18
Asia Developed		0.1	4.6	Financials	21
Asia Emerging		2.2	0.5		
				Healthcare	20
	Top Ten Holdings				11
	Sector	% of	YTD	Industrials	10
	3600	Portfolio	Return	madoanalo	15
Las Vegas Sands Corp	Consumer Discretionary	5.9	22.4	Information Technology	6
Schlumberger Ltd	Energy	3.5	-20.4		6
Wynn Resorts Ltd	Consumer Discretionary	2.9	56.2	Materials	3
Shire PLC	Health Care	2.9	-4.4		8
Bayer AG	Health Care	2.6	26.4	Real Estate	4
Fanuc Corp	Industrials	2.5	14.5		4
Heineken NV	<b>Consumer Staples</b>	2.3	30.4	Telecom Services	0
Tokio Marine Holdings Inc	Financials	2.3	2.2		4
Novartis AG	Health Care	2.3	18.2	Utilities	0
Vivendi SA	Consumer Discretionary	2.3	19.1		3
					0 5 10 15 20 25 30 35 40 45 50

Harbor International

■MSCI EAFE Index



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Peer Group: Open End Funds - U.S. - Foreign Large Blend

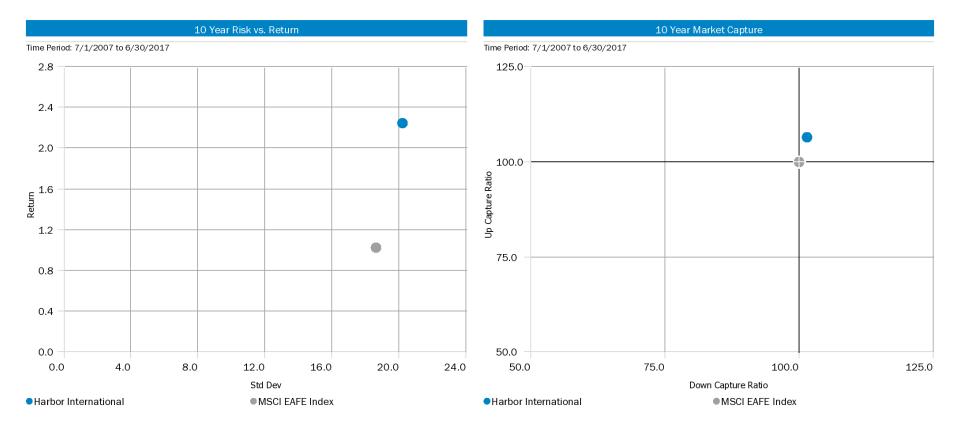
Harbor International

MSCI EAFE Index

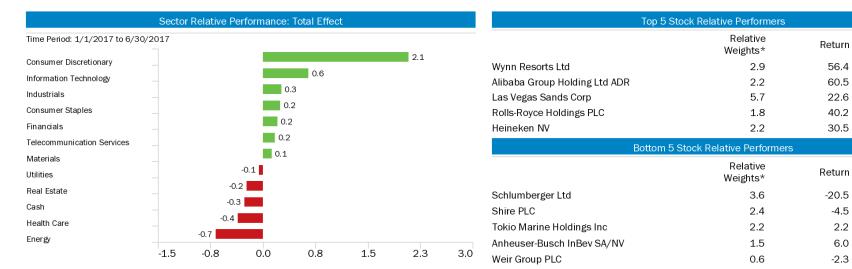
	Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years						
Harbor International	6.8	16.1	17.8	6.8	2.2						
Peer group percentile	25	19	71	80	19						
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0						
Peer group percentile	60	72	31	29	42						
25th Percentile	6.8	15.7	20.9	8.8	1.8						
50th Percentile	6.3	14.6	19.3	7.9	0.8						
75th Percentile	5.8	13.6	17.3	7.0	0.0						



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	21.8	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.3	16.1	0.0	6.8	2.2
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0







Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	17.0	24.0	4.0	12.4	10.6	1.3	-0.2	2.2	2.1
Consumer Staples	16.3	18.3	3.0	11.2	17.7	2.0	0.2	0.1	0.2
Energy	4.2	-18.8	-0.9	5.1	-2.2	-0.1	0.2	-0.8	-0.7
Financials	18.4	16.8	3.1	21.2	15.5	3.3	0.0	0.2	0.2
Health Care	19.4	13.6	2.7	10.7	16.5	1.8	0.2	-0.6	-0.4
Industrials	9.5	21.5	2.0	14.3	17.1	2.4	-0.1	0.4	0.3
Information Technology	5.8	34.3	1.9	5.7	22.4	1.2	0.0	0.6	0.6
Materials	3.8	12.1	0.5	8.1	11.7	0.9	0.1	0.0	0.1
Real Estate	3.7	5.2	0.2	3.7	10.9	0.4	0.0	-0.2	-0.2
Telecommunication Services	0.0		0.0	4.4	10.4	0.5	0.2	0.0	0.2
Utilities	0.0		0.0	3.3	15.8	0.5	-0.1	0.0	-0.1
Cash	1.9	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	16.3	16.3	100.0	14.2	14.2	0.2	2.0	2.1

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time - Device de 4 (4 (0047 de 0 (0047



Active

Return

1.2

0.7

0.7

0.4

0.3

Active

Return

-0.8

-0.5

-0.3

-0.1

-0.1

## Fixed Income Overview: Dodge & Cox Income As of 3/31/2017

Portfolio Characteristics	Dodge & Cox Income	Barclays Aggregate Bond	Maturity Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
Duration	4.2 yrs	6.0 yrs	0-1 Years	7%	0%
	0.0	0.0	1-3 Years	21%	21%
Average Maturity	8.2 yrs	8.2 yrs	3-5 Years	22%	20%
Average Quality	-	AA	5-10 Years	31%	42%
Yield to Maturity	3.1%	2.6%	10-20 Years	8%	6%

20+ Years

Sector Allocation	Dodge & Cox Income	Barclays Aggregate Bond
Cash	3%	0%
U.S. Treasury	17%	37%
Direct Agency	0%	2%
Agency Mortgages	32%	28%
Non-Agency Mortgages	7%	0%
CMBS	0%	2%
Asset-Backed	3%	0%
Investment Grade Corp.	32%	21%
Non-Investment Grade Corp.	6%	0%
Municipals	0%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
AAA	50%	72%
AA	4%	5%
A	3%	10%
BBB	31%	14%
Below Investment Grade	9%	0%
Other	3%	0%

12%

12%

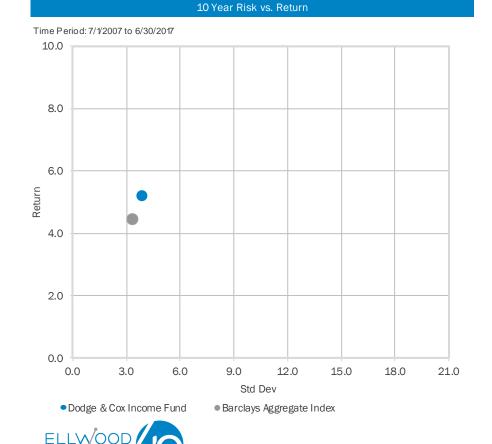
Note: All data provided by the investment manager.

Note: Data shown as of 3/31/2017. Second Quarter 2017 data is not yet available.



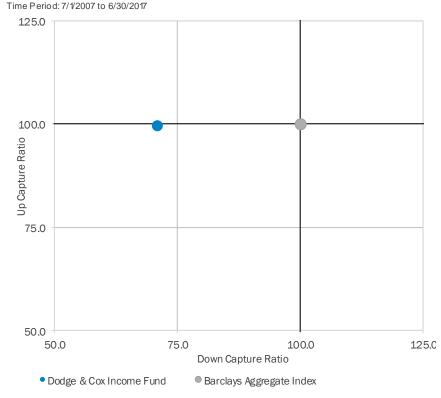
## Dodge & Cox Income Fund As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Income Fund	4.7	-0.3	16.1	7.2	4.8	7.9	0.6	5.5	-0.6	5.6	2.7	2.8	3.4	5.2
Barclays Aggregate Index	7.0	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	2.3	2.5	2.2	4.5



YEARS

#### 10 Year Market Capture



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# **Investment Program Fee Review**



## **IBEW Pension Trust Investment Program Fee Summary**

Style	Fund	Market Value (\$, M)	Manager Expense Ratio	Projected Annual Fee (\$)	Morningstar Average Expense Ratio
Large Cap Core Equity	Vanguard 500 Index Fund	\$1.9	0.04%	\$753	1.08%
Mid Cap Value Equity	Vaughan Nelson Value Opportunity	\$0.2	0.98%	\$2,303	1.24%
Small Cap Growth	Artisan Small Cap Growth	\$0.2	1.23%	\$2,955	1.38%
International Equity	Harbor International	\$0.7	0.71%	\$5,171	1.21%
Fixed Income	Dodge & Cox Income	\$1.5	0.43%	\$6,395	0.85%
Money Market	First American Prime Obligation	\$0.1	0.45%	\$425	0.13%
Total		\$4.7	0.39%	\$18,003	1.03%



# Endnotes

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- Separate Account Performance Attribution Note: Contribution to return measures the impact that each security has on the portfolio's total return and is calculated using
  holdings information in FactSet. The security weights are multiplied by its total return on a daily basis and linked geometrically for any given period. Accordingly, the
  contribution to return shown could differ from actual returns when daily portfolio holdings are not available and/or there is a significant difference between the trade price
  and the closing price of any given security. Furthermore, the contribution to return does not directly take into account manager fees.



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Updated 04/03/17

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#### Updated 04/03/17

Attachment 5

# Second Quarter 2017 Performance Report

Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

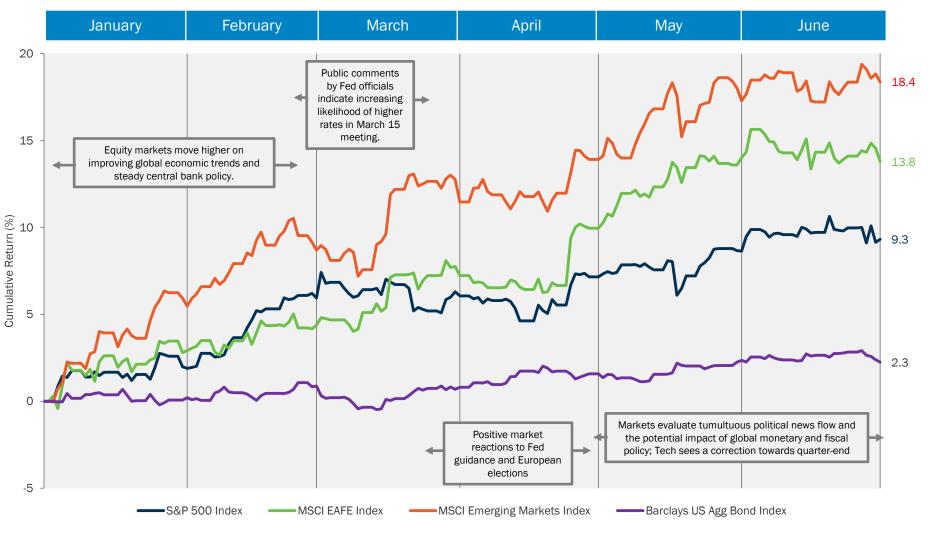




# 2<sup>nd</sup> Quarter 2017 Capital Markets Exhibits



## Year-To-Date Market Timeline



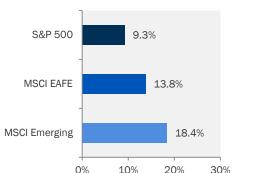
Source: Morningstar Direct, S&P, MSCI, Barclays



# **2017** Performance Drivers

### **Positive Performers**

### 2017 YTD Index Performance



**Technology Sector** Tech % of 2017 Tech Index Index Sector Return S&P 500 22% 17% MSCI EAFE 6% 22% **MSCI** Emerging 24% 35%

#### **Tech Sector Comments**

- Technology companies, which have driven innovation and disrupted traditional markets. continue to attract investor capital on a global basis despite rising valuations.
- "FAANG" stocks including Facebook (31%), Amazon (29%), Apple (25%), Netflix (21%) & Alphabet/Google (18%) drove U.S. technology performance.
- Within emerging markets, the "SATT" stocks, including Samsung (60%), Alibaba (61%), Tencent (48%) & Taiwan Semiconductor (26%) drove technology sector performance

(2017 YTD returns)

## 2017 YTD Index Performance

-12.6%

Source: S&P 500 Index, MSCI EAFE Index & MSCI Emerging Markets Index

-5.2%

### Oil/Energy

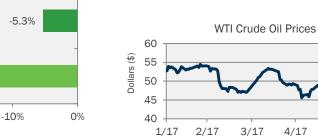
**Negative Performers** 

• Oil started the year trading at \$52 per barrel. Prices declined throughout the first half of the year as increased U.S. rig counts boosted supply offsetting production cuts from Russia and OPEC. Oil ended the second guarter at \$43/barrel.

4/17

5/17

6/17



### U.S. Dollar

- The U.S. Dollar declined in 2017 following several years of relative strength.
- The Euro appreciated by 8.6% relative to the Dollar in 2017 as economic growth improved and populist threats waned.



#### Source: Bloomberg, Factset Economics

-20%

U.S. Dollar

Commodities

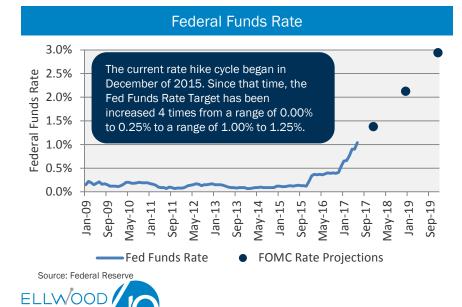
Energy (S&P 500)



# The Impact of Fed Rate Hikes on the Yield Curve



Source: Bloomberg, Barclays

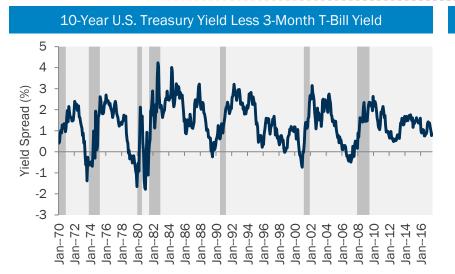


YEARS

Real Rates and Breakeven Inflation									
	5 Years 10 Years								
	Real Rates	Breakeven Inflation	Real Rates	Breakeven Inflation					
11/30/2015	0.35%	1.30%	0.62%	1.59%					
6/30/2017	0.26%	1.63%	0.58%	1.73%					
Observations									

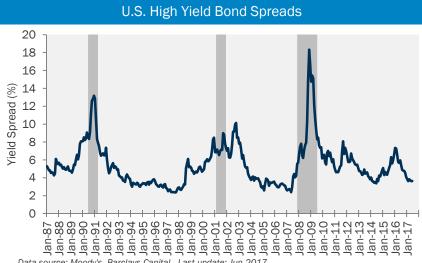
- The Fed rate hikes have not been able to push long-term real rates higher, and inflation expectations are only marginally higher suggesting longer-term growth expectations remain modest.
- In addition to the increases in the Fed Funds Rate, the Fed also announced plans to slowly reduce the size of its balance sheet by not reinvesting proceeds of maturing bonds.

# **Economic Cycle Indicators**



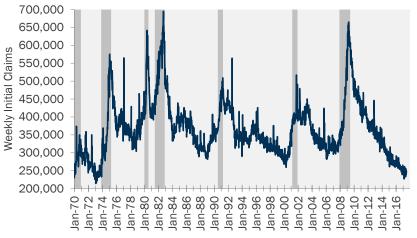
Data source: United States Treasury

FI I WOOD



Data source: Moody's, Barclays Capital. Last update: Jun 2017

#### **Unemployment Insurance Weekly Initial Claims**



Data source: US Department of Labor. Data is seasonally adjusted. Last update: Jun 2017

### **Observations**

- The most common cause of a severe equity market correction is a recession.
- While there are no fail proof forward looking predicators of a recession, an inverted yield curve, increases in the unemployment rate, and widening high yield corporate bond spreads are among the more reliable predictors.
- None of these three predictors are currently indicating a recession is imminent.

## Market Valuations and Volatility



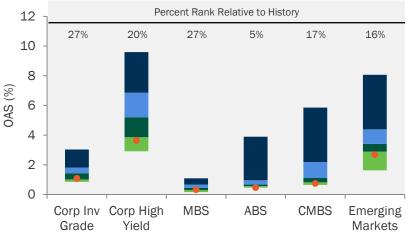
# CBOE VIX Index

100



YEARS

### Fixed Income Spreads Relative to History



Source: Barclays

### Observations

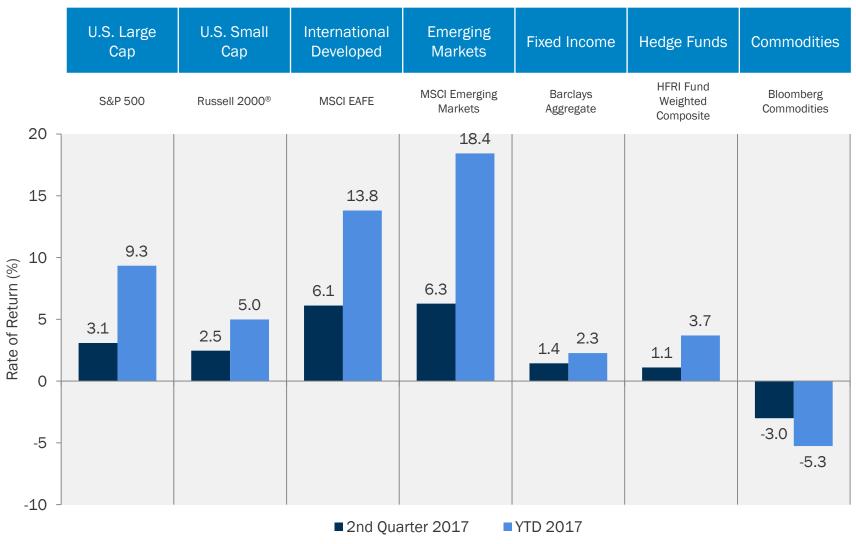
- Equity valuations, especially in the U.S., remain above historical averages. Expectations for strong corporate growth rates support higher valuations as shown by the more reasonable forward valuations.
- Bond spreads are tight (low incremental yield relative to Treasury bonds of a similar maturity) relative to historical ranges, indicating challenging valuations across bond markets.
- The market's current expectations for equity volatility is low compared to history.

## An Updated View on the 2017 Outlook

Theme	Upside Scenario	Downside Scenario	Current Status
Fiscal Policy Stimulus	Expansionary fiscal policy such as corporate tax cuts are <u>quickly agreed upon</u> , providing a swift boost to corporate earnings. Infrastructure spending and deregulation, while having a longer implementation period, also achieves consensus to move forward.	Fiscal hawks push back and <u>significantly</u> <u>delay</u> proposals, instead seeking tax reform and spending that does not increase the deficit or the national debt.	The timeliness and magnitude of pro- business policies have become more uncertain amid political gridlock.
Global Trade Policy	The tone of early trade negotiations is balanced, resulting in a framework that allows for <u>compromises</u> for both the US and its trade partners, mitigating concerns of negative impacts on economic growth and foreign policy relationship.	The administration uses its Presidential powers to quickly move forward with tariffs, provoking a <u>trade war</u> that has an abrupt negative impact on the revenue of exporters and its suppliers and causes a sharp upward spike in inflation expectations.	The appointment of US Trade Representative Robert Lighthizer should allow for clearer communications regarding future trade negotiations.
US Monetary Policy	The US Federal Reserve tightens monetary policy <u>in-line with market expectations</u> (currently two rate hikes for 2017).	High inflation surprises the Fed, leading to an <u>accelerated pace</u> of monetary policy tightening and resulting in a sharp spike in volatility across global equity, fixed income and currency markets.	Inflation has leveled off as energy prices have weakened.
Elections and Referendums	Concerns over elections outcomes – particularly in Europe – are overblown as <u>transfers of political party power are orderly</u> and proposed changes are more symbolic than economically-substantive, calming markets.	Anti-establishment candidates <u>sweep major</u> <u>European elections</u> , and amid unstable political coalitions, markets begin to price in a highly uncertain future for the EU and the Eurozone.	Losses by far-right candidates in Austria, and the Netherlands and France has significantly improved market sentiment.
China's Financial Conditions	China <u>successfully manages to moderate</u> ballooning debt levels and slow capital outflows without a negative impact on economic growth.	Capital <u>outflows sharply accelerate</u> , and China decides on a one-time large devaluation of the Yuan, creating turmoil and defaults in debt markets as liquidity dramatically falls.	China continues to roll out new regulations that clamp down on financial sector activities considered aggressive by Chinese regulators.



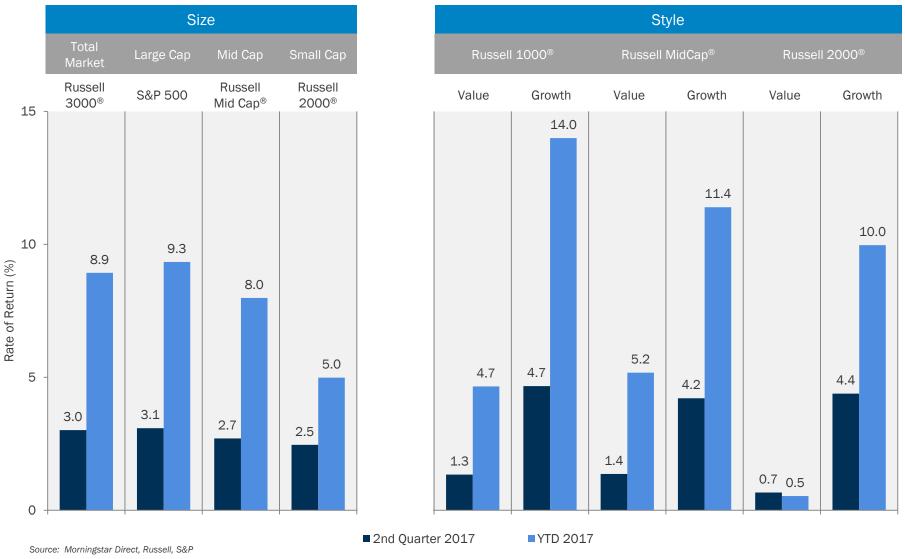
## **Market Overview**



Source: Morningstar Direct, S&P, Russell, MSCI, Barclays, HFRI, Bloomberg



# **U.S. Equity Market Performance**



Note: Russell Style Indices shown; Russell 3000®, Russell Mid Cap®, Russell 2000®.



## S&P 500 Scorecard

		Sect	or Retur	ns				Sec
	<u>Div.</u> <u>Yield<sup>(1)</sup></u>	<u>P/E</u> <u>Ratio</u> <sup>(2)</sup>	<u>15-Yr</u> <u>Avg.<sup>(3)</sup></u>		1			
Technology	1.4%	22.8x	21.3x		4.1%		En	Utiliti ergy 3%
Health Care	1.6%	23.7x	20.6x		7.1%		Materials 3%	5%
Consumer Discretionary	1.4%	22.8x	18.9x		2.4%		Consumer Staples	
Industrials	2.0%	22.0x	18.0x		4.7% 9.5%		Energy Materials <sup>6%</sup> 3% Consumer Staples 9% Technology 22% Technology 22% Technology 22% Name Apple, Inc. Microsoft Corp. Exxon Mobil Corp.	
S&P 500	1.9%	21.6x	17.3x		3.1% 9.3%			
Materials	2.0%	23.2x	18.7x		3.2% 9.2%			
Utilities	3.4%	20.2x	16.1x		2.2% 8.8%	Sou	rce: Morningstar Direct, S	5&P
Consumer Staples	2.6%	21.6x	19.1x		1.6% 8.0%		Top Fiv	ve S&P
Financials	1.6%	15.9x	14.6x		4.2% 6.9%			
Real Estate	3.3%	35.1x	37.5x		<b>2.8%</b> 6.4%	1.		See Techr
Telecom	5.1%	17.2x	20.0x -10	-7.0%				Tech
Energy	2.9%	33.8x	14.9x -12	-6.4%		3.	Exxon Mobil Corp.	Ene
		-			1	4.	Amazon	Cons.

2<sup>nd</sup> Quarter 2017

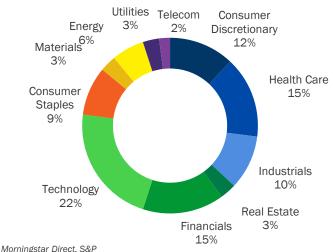
YTD 2017

Source: Morningstar Direct, S&P <sup>(1)</sup>Trailing 12 month as of 6/30/2017. <sup>(2)</sup>Trailing 12 month P/E as of 6/30/2017. <sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2017.



### Sector Weights

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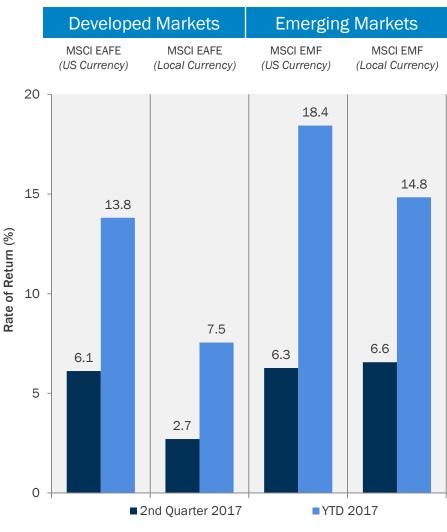


### Top Five S&P 500 Index Holdings

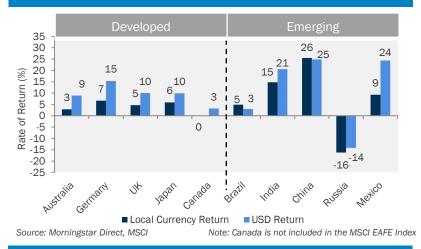
			YTD 2017	YTD 2017 Contribution
Name	Sector	% of S&P	Return	to Return
1. Apple, Inc.	Technology	3.6%	25.4%	0.82%
2. Microsoft Corp.	Technology	2.5%	12.2%	0.31%
3. Exxon Mobil Corp.	Energy	1.7%	-9.9%	-0.17%
4. Amazon	Cons. Discr.	1.7%	29.1%	0.45%
5. Johnson & Johnson	Health Care	1.6%	16.3%	0.27%

Source: Morningstar Direct, S&P

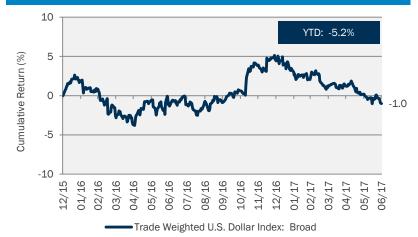
# Non-U.S. Equity Market Performance



### **YTD International Market Returns**



### U.S. Dollar vs. Foreign Currencies



Source: Morningstar Direct, MSCI



Source: Federal Reserve Board; US trade-weighted index.

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## **Fixed Income Markets**

30 yrs



0.0

mos

Source: Barclays

ELLW

3 mos 6 mos 2 yrs 3 yrs

5 yrs

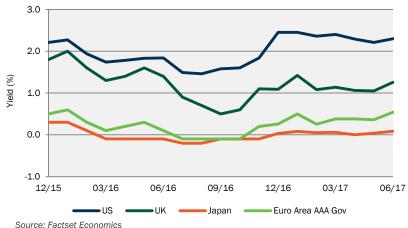
10 yrs

YEARS

Years to Maturity



### **Global Ten Year Government Spot Yields**



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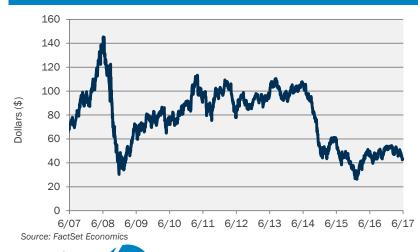
## **Real Assets Performance**

2nd Quarter 2017 YTD 2017 10 Rate of Return (%) 5 2.0 0.7 0 -0.4 -0.9 -3.0 -5 -5.3 -10 Bloomberg Commodity Index S&P Global Natural Resources Stock Index Barclays US TIPS (1-10 Year) Index

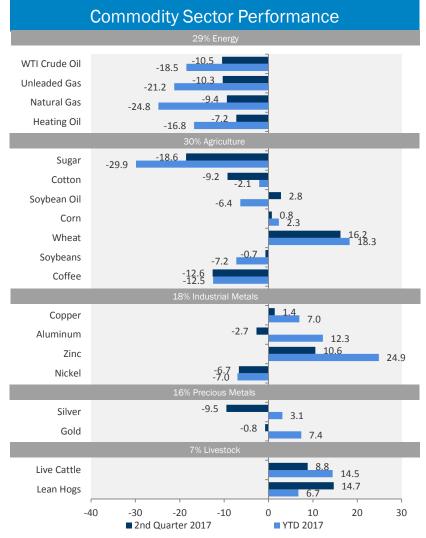
Source: Morningstar Direct, Bloomberg, S&P, Barclays

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### **Historical WTI Crude Oil Prices**



YEARS



Source: Morningstar Direct, Bloomberg

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**Asset Class Performance** 

## World Markets Heat Map

Calendar Year Returns							Annualized Returns											
	2008				2012	2012	2014	2015	2016	2017		YTD	1-Yr	3-Yr	5-Yr	10-Yr	TTM P/E	Div Viold
U.S. Equity	2008	2009	2010	2011	2012	2013	2014	2015	2010	2017	U.S. Equity		T-11	5-11	5-11	10-11		Div. Helu
S&P 100 Index	-35.3%	22.3%	12.5%	3.2%	16.1%	30.4%	12 7%	2.6%	11.4%	8.9%	S&P 100 Index	8.9%	17.7%	9.7%	13.9%	6.9%	21.2x	2.3%
S&P 500 Index		26.5%				32.4%			12.0%	9.3%	S&P 500 Index	9.3%	17.9%	9.6%	14.6%	7.2%	21.2x 21.4x	2.1%
Russell 1000 Value Index		19.7%			17.5%				17.3%		Russell 1000 Value Index	4.7%	15.5%	7.4%	13.9%	5.6%	18.2x	2.5%
Russell 1000 Growth Index		34.5%				43.3%			11.3%		Russell 1000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.4x	1.5%
Russell 2000 Index	-33.8%	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	5.0%	Russell 2000 Index	5.0%	24.6%	7.4%	13.7%	6.9%	21.1x	1.5%
Russell 2000 Value Index	-28.9%	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	0.5%	Russell 2000 Value Index	0.5%	24.9%	7.0%	13.4%	5.9%	18.1x	2.3%
Russell 2000 Growth Index	-38.5%	34.5%	29.1%			43.3%			11.3%		Russell 2000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.7x	0.8%
Russell Micro Cap Index	-39.8%	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	4.2%	Russell Micro Cap Index	4.2%	27.6%	6.7%	13.7%	5.5%	17.4x	1.2%
Non U.S. Equity											Non U.S. Equity							
MSCI ACWI ex U.S. Index	-45.5%	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	14.1%	MSCI ACWI ex U.S. Index	14.1%	20.5%	0.8%	7.2%	1.1%	17.0x	3.3%
MSCI EAFE Index	-43.4%	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	13.8%	MSCI EAFE Index	13.8%	20.3%	1.1%	8.7%	1.0%	17.9x	3.5%
MSCI EAFE Small Cap Index	-47.0%	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	16.7%	MSCI EAFE Small Cap Index	16.7%	23.2%	5.6%	12.9%	3.4%	16.7x	2.6%
MSCI Emerging Markets Index	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	18.4%	MSCI Emerging Markets Index	18.4%	23.7%	1.1%	4.0%	1.9%	14.6x	2.8%
MSCI Emerging Mkts. Small Cap Index	-58.2%	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	16.0%	MSCI Emerging Mkts. Small Cap Index	16.0%	17.0%	0.8%	5.1%	2.2%	17.6x	2.5%
MSCI Frontier Markets Index	-54.1%	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	15.6%	MSCI Frontier Markets Index	15.6%	19.2%	-3.4%	8.6%	-1.5%	12.5x	3.5%
Global											Global							
MSCI ACWI Index	-42.2%	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	11.5%	MSCI ACWI Index	11.5%	18.8%	4.8%	10.5%	3.7%	19.1x	2.6%
Fixed Income											Fixed Income						Duration	YTW
Barclays US Aggregate Index	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	2.3%	Barclays US Aggregate Index	2.3%	-0.3%	2.5%	2.2%	4.5%	6.0	2.6%
Barclays US Inv. Grade. Corp. Index	-4.9%	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	3.8%	Barclays US Inv. Grade. Corp. Index	3.8%	2.3%	3.6%	4.0%	5.8%	7.4	3.2%
Barclays High Yield Index	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	4.9%	Barclays High Yield Index	4.9%	12.7%	4.5%	6.9%	7.7%	3.8	5.7%
Barclays US Corp Long AA+ Index	8.2%	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	5.6%	Barclays US Corp Long AA+ Index	5.6%	-0.4%	5.9%	4.8%	7.6%	13.9	4.3%
Barclays US Treasury Long Index	24.0%	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	5.4%	Barclays US Treasury Long Index	5.4%	-7.2%	5.6%	2.8%	7.3%	17.6	2.8%
Barclays U.S. Municipal Bond Index	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	3.6%	Barclays U.S. Municipal Bond Index	3.6%	-0.5%	3.3%	3.3%	4.6%	6.3	2.3%
Barclays Global Agg. ex. U.S. Index	4.4%	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	6.1%	Barclays Global Agg. ex. U.S. Index	6.1%	-3.8%	-2.4%	-0.4%	3.0%	7.8	0.8%
Barclays EM Debt (Local) Gov't Index		17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	8.8%	Barclays EM Debt (Local) Gov't Index	8.8%	3.8%	-1.8%	0.9%		5.6	4.8%
Alternatives											Alternatives							
Bloomberg Commodity Index	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	-5.3%	Bloomberg Commodity Index	-5.3%	-6.5%	-14.8%	-9.2%	-6.5%		
Bloomberg Commodity – Gold	3.9%	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	7.4%	Bloomberg Commodity – Gold	7.4%	-6.9%	-2.7%	-5.5%	5.9%	-	
Bloomberg Commodity – WTI Crude Oil	-53.2%	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	-18.5%	Bloomberg Commodity – WTI Crude Oil	-18.5%	-16.9%	-36.7%	-20.5%	-15.6%	-	
Bloomberg Commodity – Agriculture	-27.5%	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-3.4%	Bloomberg Commodity – Agriculture	-3.4%	-13.0%	-10.3%	-8.6%	-1.7%		
HFRI FOF Composite Index	-21.4%	11.5%	5.7%	-5.7%	4.8%	9.0%	3.4%	-0.3%	0.5%	2.6%	HFRI FOF Composite Index	2.6%	5.8%	1.3%	3.7%	0.8%	-	
HFRI Equity Hedge Index	-26.6%	24.6%	10.5%	-8.4%	7.4%	14.3%	1.8%	-1.0%	5.5%	6.2%	HFRI Equity Hedge Index	6.2%	12.5%	3.0%	6.3%	2.8%		
Source: Momingster Direct, Bloomberg											Source: Morningster Direct, Bloomherg							

Source: Morningstar Direct, Bloomberg

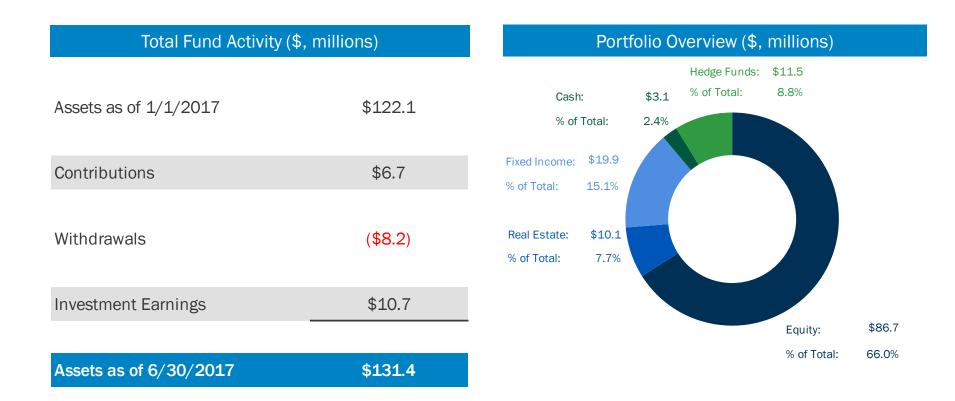
Source: Morningstar Direct, Bloomberg



# **Division 788 Pension Plan**



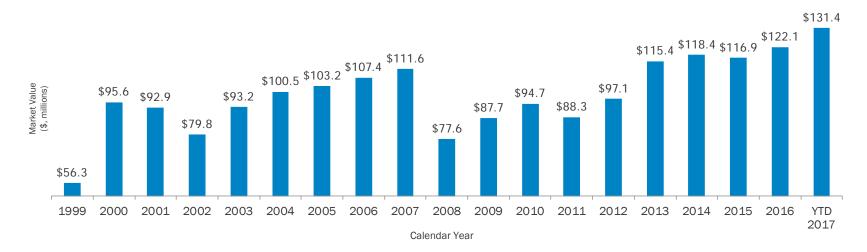
## Total Portfolio Overview As of June 30, 2017



Note: Totals may not add up to 100% due to rounding.



## Historical Asset Growth As of June 30, 2017



Portfolio Cash Flows (\$, millions)								
	Quarter I	Quarter II	Quarter III	Quarter IV	YTD 2017			
Beginning Assets	\$122.1	\$128.3			\$122.1			
Contributions	\$3.4	\$3.3			\$6.7			
Withdrawals	(\$4.1)	(\$4.1)			(\$8.2)			
Investment Earnings	\$6.8	\$3.9			\$10.7			
Ending Assets	\$128.3	\$131.4			\$131.4			

Notes: All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.

Totals may not add up to 100% due to rounding.



# As of June 30, 2017

	Current Allocation	Target Allocation	+/- Target
Domestic Equity			
Dodge & Cox	13.5%	12.0%	1.5%
Piedmont Strategic Core	5.7%	6.0%	-0.3%
Argent Large Cap Growth	11.9%	12.0%	-0.1%
Artisan Mid Cap	5.8%	5.0%	0.8%
Vaughan Nelson Value	5.1%	5.0%	0.1%
Total Domestic Equity	42.1%	40.0%	2.1%
International Equity			
EuroPacific Growth Fund	10.1%	10.0%	0.1%
Harbor International	9.0%	10.0%	-1.0%
DFA Emerging Markets Value	4.9%	5.0%	-0.1%
Total International Equity	23.9%	25.0%	-1.1%
Hedge Funds			
BlueCrest AllBlue Fund	0.0%	0.0%	0.0%
HBK Master Fund II	4.7%	5.0%	-0.3%
Och-Ziff OZ Overseas Fund II	4.1%	5.0%	-0.9%
Total Hedge Funds	8.8%	10.0%	-1.2%
Real Estate			
Principal US Real Estate	7.7%	5.0%	2.7%
Total Real Estate	7.7%	5.0%	2.7%
Fixed Income			
MetWest Total Return	8.1%	10.0%	-1.9%
Dodge & Cox Income	7.1%	8.0%	-0.9%
Cash	2.4%	2.0%	0.4%
Total Fixed Income	17.5%	20.0%	-2.5%
Total Portfolio	100%	100%	_

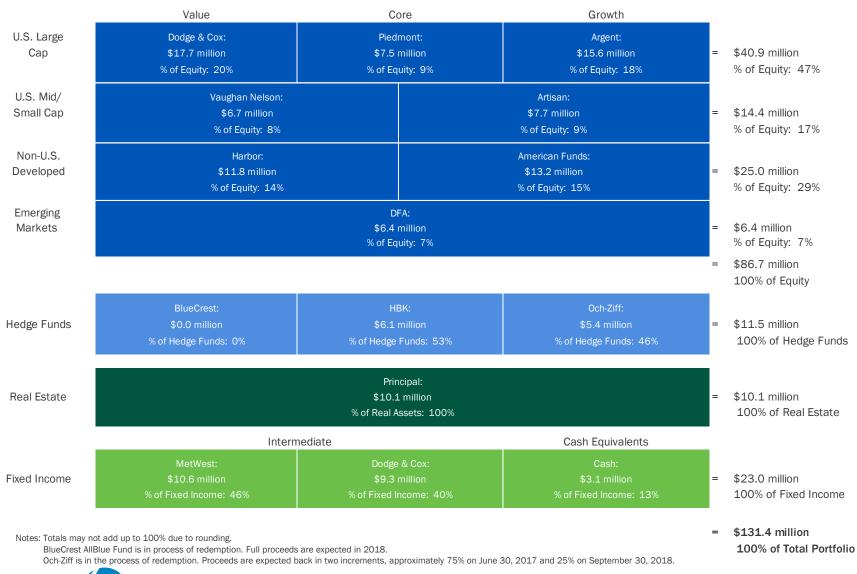
Notes: Totals may not add up to 100% due to rounding.

BlueCrest AllBlue Fund is in process of redemption. Full proceeds are expected in 2018.

Och-Ziff is in the process of redemption. Proceeds are expected back in two increments, approximately 75% on June 30, 2017 and 25% on September 30, 2018.



## Total Portfolio Manager Allocation As of June 30, 2017





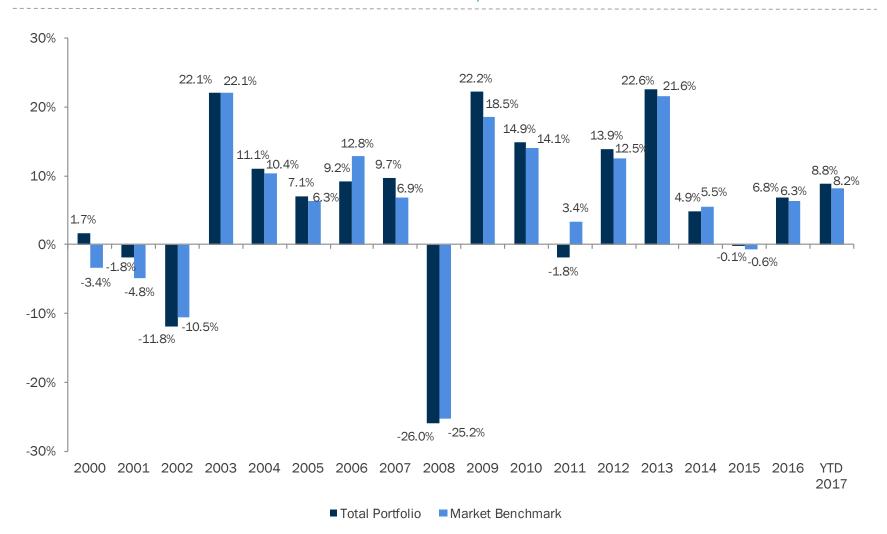
## Total Portfolio Performance Overview As of June 30, 2017

20% 15.6% 15% 12.9% Return (%) 9.7% 10% 8.8% 8.9% .8.2% 5.9%5.6% 5.1% 4.4% 5% 3.0% 3.2% 0% Quarter YTD 1 Year 3 Year 5 Year 10 Year ■ Total Portfolio Market Benchmark

Notes: Market Benchmark is currently 65% MSCI ACWI Index, 10% HFRI FOF Conservative Index, 5% NCREIF Open-End Diversified Core Index, and 20% Barclays Aggregate Index. Prior to June 2014, the Market Benchmark was 60% Dow Jones U.S. Total Stock Market Index, 5% MSCI EAFE Index, 5% NFI Index, and 30% Barclays Aggregate Index. All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.



## Total Portfolio Annual Return Comparison As of June 30, 2017



Notes: Market Benchmark is currently 65% MSCI ACWI Index, 10% HFRI FOF Conservative Index, 5% NCREIF Open-End Diversified Core Index, and 20% Barclays Aggregate Index. Prior to June 2014, the Market Benchmark was 60% Dow Jones U.S. Total Stock Market Index, 5% MSCI EAFE Index, 5% NFI Index, and 30% Barclays Aggregate Index. All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.



# As of June 30, 2017

Plan Performance	QTD	YTD	1-year	3-Year	5-Year	10-Year
U.S. Equity	2.4%	9.0%	21.0%	7.6%		
U.S. Equity Benchmark	3.0%	9.0%	17.6%	8.9%		
Non-U.S. Equity	6.3%	17.1%	21.5%	1.7%		
Non-U.S. Equity Benchmark	6.1%	14.7%	21.0%	1.1%		
Hedge Funds	1.9%	4.7%	9.9%	3.9%		
HFRI FOF Conservative Index	0.5%	1.7%	5.3%	1.5%		-
Real Estate	2.0%	3.9%	8.6%	11.2%		-
NCREIF Open-End Diversified Core Index	2.0%	3.8%	8.2%	11.5%		
Fixed Income	1.3%	2.4%	1.6%	2.4%		_
Barclays Aggregate Bond Index	1.4%	2.3%	-0.3%	2.5%		
Total Portfolio	3.0%	8.8%	15.6%	5.1%	9.7%	5.9%
Market Benchmark	3.2%	8.2%	12.9%	4.4%	8.9%	5.6%

Notes: U.S. Equity Benchmark is a weighted benchmark comprised of each manager's respective benchmark.

Non-U.S. Equity Benchmark is a weighted benchmark comprised of each manager's respective benchmark.

Market Benchmark is currently 65% MSCI ACWI Index, 10% HFRI FOF Conservative Index, 5% NCREIF Open-End Diversified Core Index, and 20% Barclays Aggregate Index.

All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.

NCREIF Open-End Diversified Core Index is estimated for the current quarter as the information is not yet available.



## Manager Performance Summary As of June 30, 2017

	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
J.S. Equity						
Dodge & Cox Stock	1.8%	6.8%	28.6%	8.5%	16.4%	5.9%
Russell 1000 Value Index	1.3%	4.7%	15.5%	7.4%	13.9%	5.6%
Piedmont Strategic Core	3.1%	8.2%	16.0%	7.1%	12.2%	5.9%
S&P 500 Index	3.1%	9.3%	17.9%	9.6%	14.6%	7.2%
rgent Large Cap Growth	1.8%	10.9%	21.4%	9.3%	14.8%	7.0%
Russell 1000 Growth Index	4.7%	14.0%	20.4%	11.1%	15.3%	8.9%
aughan Nelson Value Opportunity	-0.2%	4.0%	12.6%	3.1%	12.8%	6.8%
Russell Midcap Value Index	1.4%	5.2%	15.9%	7.5%	15.1%	7.2%
rtisan Mid Cap	6.8%	15.3%	17.1%	6.5%	12.7%	8.7%
Russell Midcap Growth Index	4.2%	11.4%	17.0%	7.8%	14.2%	7.9%
lon - U.S. Equity						
uroPacific Growth Fund	7.7%	17.8%	22.2%	3.7%	9.6%	3.4%
MSCI EAFE Index	6.1%	13.8%	20.3%	1.1%	8.7%	1.0%
larbor International	6.8%	16.1%	17.7%	0.0%	6.8%	2.2%
MSCI EAFE Index	6.1%	13.8%	20.3%	1.1%	8.7%	1.0%
FA Emerging Markets Value	2.8%	17.4%	27.6%	0.8%	3.8%	1.4%
MSCI Emerging Markets Index	6.3%	18.4%	23.7%	1.1%	4.0%	<i>1.</i> 9%
ledge Funds						
BK	0.7%	2.3%	6.1%	2.0%	4.4%	3.7%
HFRI Fund Weighted Composite Index	1.1%	3.6%	8.0%	2.6%	4.9%	3.0%
ch-Ziff	3.3%	7.8%	14.3%	4.7%	7.3%	5.8%
HFRI Fund Weighted Composite Index	1.1%	3.6%	8.0%	2.6%	4.9%	3.0%
eal Estate						
rincipal US Real Estate	2.0%	3.9%	8.6%	11.2%	11.5%	4.4%
NCREIF Open-End Diversified Core Index	2.0%	3.8%	8.2%	11.5%	<i>11</i> .8%	5.3%
ixed Income						
letWest Total Return	1.3%	2.2%	0.2%	2.3%	3.5%	6.0%
Barclays Aggregate Bond Index	1.4%	2.3%	-0.3%	2.5%	2.2%	4.5%
odge & Cox Income	1.5%	2.7%	3.2%	2.8%	3.4%	5.2%
Barclays Aggregate Bond Index	1.4%	2.3%	-0.3%	2.5%	2.2%	4.5%

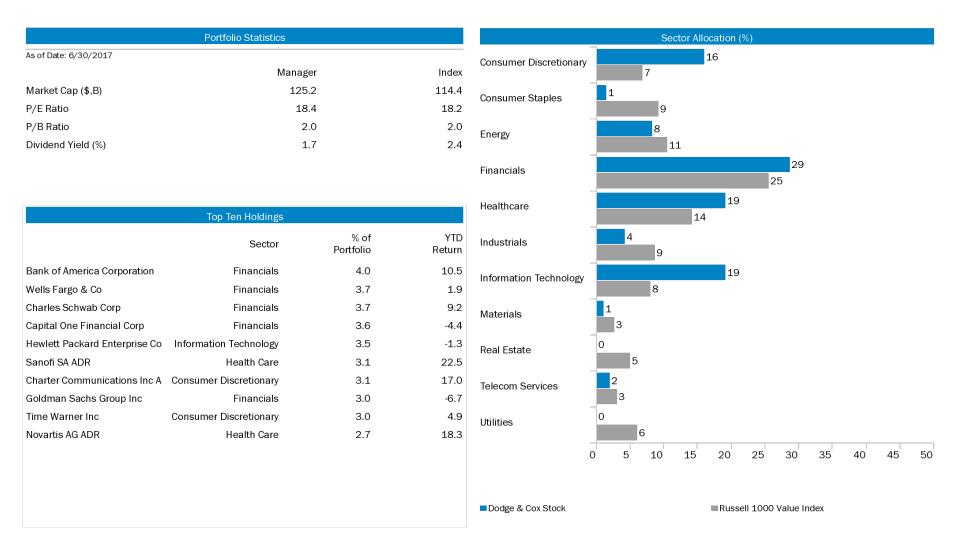
Notes: Performance prior to inception is shown for illustrative purposes.

All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant NCREIF Open-End Diversified Core Index is estimated for the current quarter as the information is not yet available.



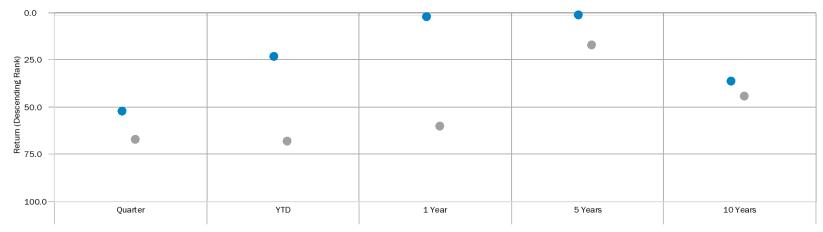
# **Manager Performance Review**







Peer Group: Open End Funds - U.S. - Large Value



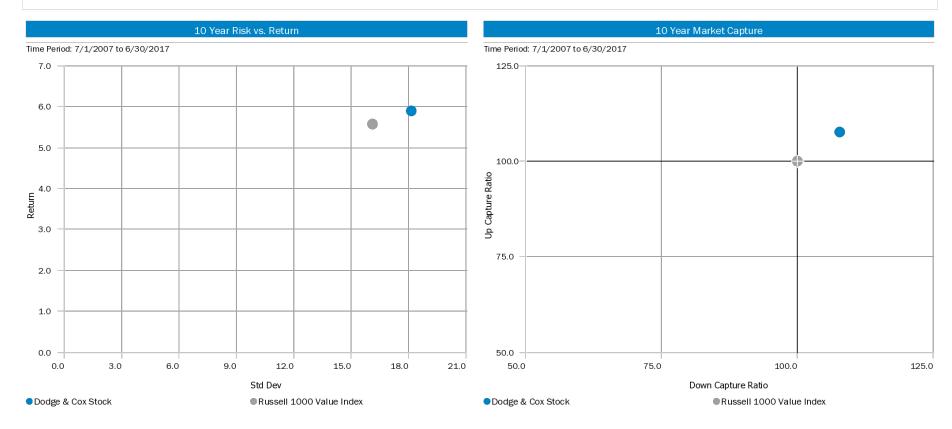
Dodge & Cox Stock

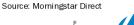
Russell 1000 Value Index

Trailing Returns (%)								
	Quarter	YTD	1 Year	5 Years	10 Years			
Dodge & Cox Stock	1.8	6.8	28.6	16.4	5.9			
Peer group percentile	52	23	2	1	36			
Russell 1000 Value Index	1.3	4.7	15.5	13.9	5.6			
Peer group percentile	67	68	60	17	44			
25th Percentile	2.5	6.7	19.0	13.6	6.3			
50th Percentile	1.8	5.6	16.5	12.8	5.4			
75th Percentile	1.2	4.3	13.8	11.8	4.4			

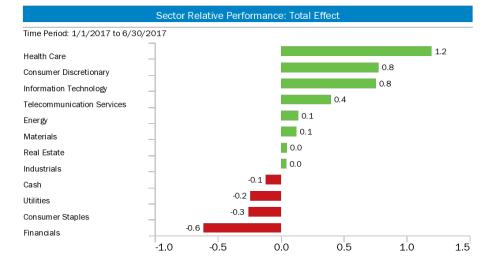


						Returi	າຣ (%)							
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	0.1	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	6.8	8.5	16.4	5.9
Russell 1000 Value Index	-0.2	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	4.7	7.4	13.9	5.6









Top 5 Stock Relative Performers								
	Relative Weights*	Return	Active Return					
Charter Communications Inc A	3.1	17.0	0.3					
Alnylam Pharmaceuticals Inc	0.4	113.0	0.3					
The Priceline Group Inc	1.2	27.6	0.2					
FedEx Corp	2.0	17.2	0.2					
Alphabet Inc C	2.4	17.7	0.2					
Bottom 5 Stock Relative Performers								
Bottom 5 Sto	ock Relative Performers	i						
Bottom 5 Sto	ock Relative Performers Relative Weights*	Return	Active Return					
Bottom 5 Sto Hewlett Packard Enterprise Co	Relative							
	Relative Weights*	Return	Return					
Hewlett Packard Enterprise Co	Relative Weights* 3.2	Return -2.6	Return -0.4					
Hewlett Packard Enterprise Co Capital One Financial Corp	Relative Weights* 3.2 3.3	Return -2.6 -4.4	Return -0.4 -0.3					

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	15.5	10.1	1.5	4.5	5.8	0.3	0.1	0.6	0.8
Consumer Staples	1.5	11.0	0.2	8.4	8.9	0.7	-0.3	0.0	-0.3
Energy	8.1	-20.6	-1.9	12.3	-13.1	-1.8	0.8	-0.7	0.1
Financials	28.2	3.8	1.1	26.6	6.0	1.6	0.0	-0.6	-0.6
Health Care	18.1	18.1	3.2	10.7	15.8	1.6	0.8	0.4	1.2
Industrials	4.1	11.7	0.5	10.2	7.1	0.7	-0.1	0.2	0.0
Information Technology	18.7	11.6	2.1	9.8	10.0	0.9	0.5	0.3	0.8
Materials	1.0	21.7	0.2	2.9	6.2	0.2	0.0	0.2	0.1
Real Estate	0.0		0.0	4.7	3.6	0.2	0.0	0.0	0.0
Telecommunication Services	1.9	-3.3	-0.1	3.6	-9.7	-0.4	0.3	0.1	0.4
Utilities	0.0		0.0	6.2	8.6	0.5	-0.2	0.0	-0.2
Cash	2.7	0.4	0.0	0.0		0.0	-0.1	0.0	-0.1
Attribution Total	100.0	6.8	6.8	100.0	4.6	4.6	1.6	0.6	2.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



# Piedmont Strategic Core

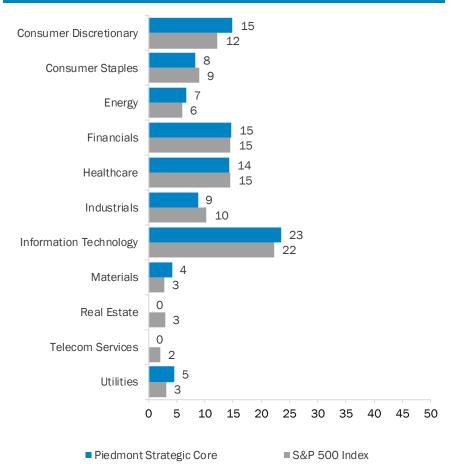
As of 6/30/2017

Portfolio Statistics							
As of Date: 6/30/2017							
	Manager	Index					
Market Cap (\$,B)	163.0	168.9					
P/E Ratio	22.1	21.6					
P/B Ratio	2.9	3.0					
Dividend Yield (%)	1.8	1.9					

#### Top Ten Holdings

	Sector	% of Porfolio	YTD Return
Johnson & Johnson	Health Care	4.2%	16.3%
Alphabet Inc. Class A	Information Technology	4.2%	17.3%
Microsoft Corporation	Information Technology	3.7%	12.2%
Wal-Mart Stores, Inc.	Consumer Staples	3.5%	11.0%
Chevron Corporation	Energy	3.3%	-9.6%
Apple Inc.	Information Technology	3.3%	25.4%
Comcast Corporation Class A	Consumer Discretionary	2.9%	13.7%
Aetna Inc.	Health Care	2.9%	23.2%
Amazon.com, Inc.	Consumer Discretionary	2.9%	29.1%
PepsiCo, Inc.	Consumer Staples	2.8%	11.9%

#### Sector Allocation (%)



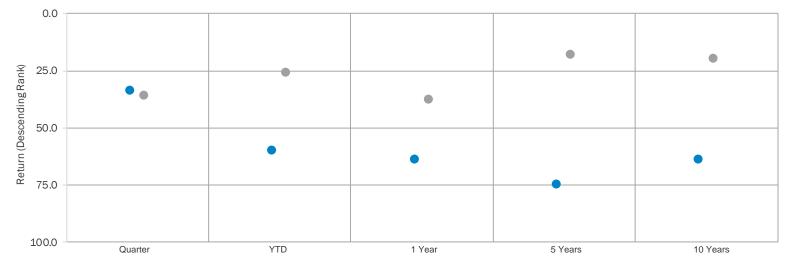
Source: FactSet



## **Piedmont Strategic Core**

As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Cap Core



• Piedmont Strategic Core

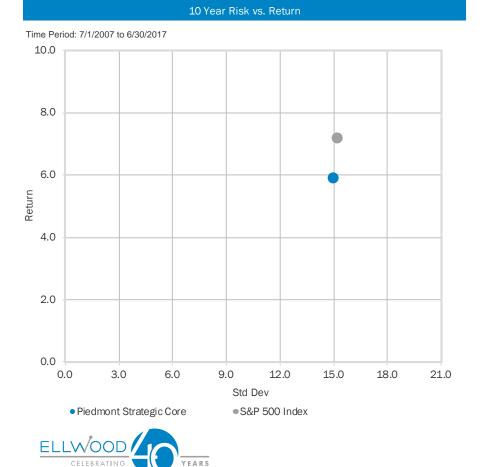
S&P 500 Index

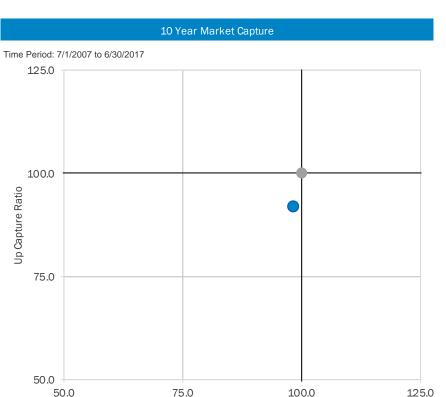
Trailing Returns (%)								
	Quarter	YTD	1 Year	5 Years	10 Years			
Piedmont Strategic Core	3.1	8.2	16.0	12.2	5.9			
Peer group percentile	34	60	64	75	64			
S&P 500 Index	3.1	9.3	17.9	14.6	7.2			
Peer group percentile	36	26	38	18	20			
25th Percentile	3.4	9.4	19.2	14.4	7.0			
50th Percentile	2.9	8.6	17.2	13.7	6.4			
75th Percentile	2.2	7.1	14.0	12.2	5.6			



## **Piedmont Strategic Core** As of 6/30/2017

					F	Returns (%)								
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Piedmont Strategic Core	12.5	-36.7	25.4	15.3	-4.8	15.3	29.4	10.8	5.2	4.1	8.2	7.1	12.2	5.9
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2





This presentation is accompanied by additional disclosures which can be found on the last pages. 31 All information herein is confidential and proprietary.

Down Capture Ratio

S&P 500 Index

50.0

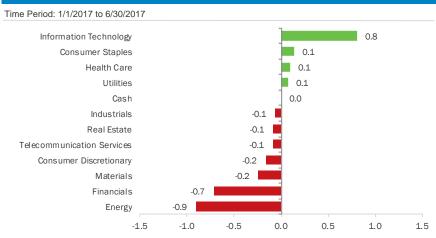
• Piedmont Strategic Core

100.0

125.0

## Piedmont Strategic Core As of 6/30/2017

Sector Relative Performance: Total Effect



TOP 3 SLOCK Relative Fendminers								
	Relative Weights*	Return	Active Return					
Western Digital Corporation	1.9	31.9	0.4					
Broadcom Limited	1.9	33.0	0.4					
Electronic Arts Inc.	1.3	34.2	0.4					
Exxon Mobil Corporation	-1.7	-8.9	0.3					
General Electric Company	-1.3	-13.1	0.3					
Bottom 5 Stock Relative Performers								
Bottom 5 Stock	Relative Performer	s						
Bottom 5 Stock	Relative Performer Relative		Active					
Bottom 5 Stock		s Return	Active Return					
Bottom 5 Stock Nabors Industries Ltd.	Relative							
	Relative Weights*	Return	Return					
Nabors Industries Ltd.	Relative Weights* 1.1	Return -49.8	Return -0.8					
Nabors Industries Ltd. Devon Energy Corporation	Relative Weights* 1.1 1.7	Return -49.8 -29.8	Return -0.8 -0.7					

Ton 5 Stock Relative Performer

Attribution/Contribution

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	11.9	9.8	1.2	12.3	11.0	1.4	-0.1	0.0	-0.2
Consumer Staples	8.4	9.7	0.8	9.3	8.0	0.8	0.0	0.1	0.1
Energy	6.9	-23.1	-1.8	6.5	-12.7	-0.9	-0.2	-0.8	-0.9
Financials	14.0	2.3	0.2	14.6	7.3	1.0	0.0	-0.7	-0.7
Health Care	13.8	16.8	2.1	13.9	16.1	2.1	0.0	0.1	0.1
Industrials	9.5	9.2	0.9	10.2	9.5	1.0	-0.1	0.0	-0.1
Information Technology	26.2	19.3	4.7	21.9	17.1	3.6	0.3	0.5	0.8
Materials	3.2	-0.8	0.1	2.8	9.2	0.3	0.0	-0.2	-0.2
Real Estate	0.9	-3.5	-0.1	2.9	6.4	0.2	0.0	-0.1	-0.1
Telecommunication Services	1.8	-12.0	-0.4	2.4	-10.7	-0.3	0.1	-0.1	-0.1
Utilities	3.3	9.8	0.3	3.2	8.5	0.3	0.0	0.1	0.1
Cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attribution Total	100.0	8.2	8.2	100.0	9.3	9.3	0.0	-1.1	-1.2

\*Manager's average stock weight - Index's average stock weight = Relative Weights.



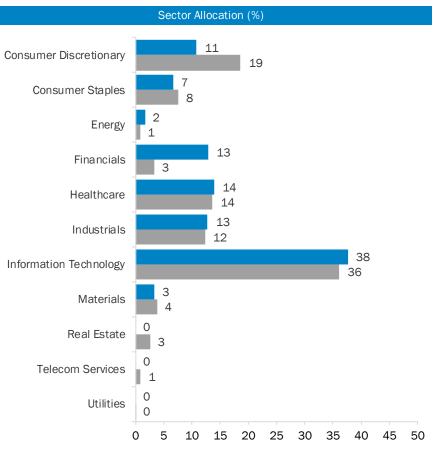
# Argent Large Cap Growth

As of 6/30/2017

Portfolio Statistics							
As of Date: 6/30/2017							
	Manager	Index					
Market Cap (\$,B)	122.2	190.6					
P/E Ratio	24.9	25.8					
P/B Ratio	3.2	6.3					
Dividend Yield (%)	1.0	1.4					

Top Ten Holdings

	Sector	% of Porfolio	YTD Return
Alphabet Inc. Class A	Information Technology	6.9%	17.3%
Baxter International Inc.	Health Care	4.8%	37.3%
Masco Corporation	Industrials	4.4%	21.6%
Marvell Technology Group Ltd	Information Technology	4.0%	20.0%
JPMorgan Chase & Co.	Financials	3.9%	7.1%
Post Holdings, Inc.	Consumer Staples	3.9%	-3.4%
Wynn Resorts, Limited	Consumer Discretionary	3.9%	56.4%
Red Hat, Inc.	Information Technology	3.8%	37.4%
Fortive Corp.	Industrials	3.8%	18.4%
Skyworks Solutions, Inc.	Information Technology	3.7%	29.3%



Argent Large Cap Growth

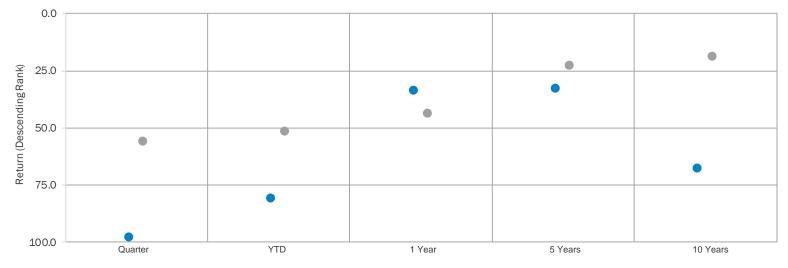
Russell 1000 Growth Index

#### Source: FactSet



## Argent Large Cap Growth As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Cap Growth



• Argent Large Cap Growth

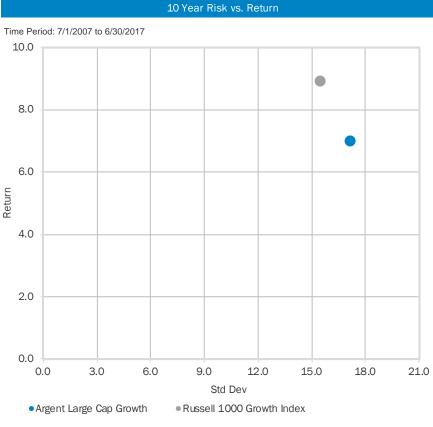
Russell 1000 Growth Index

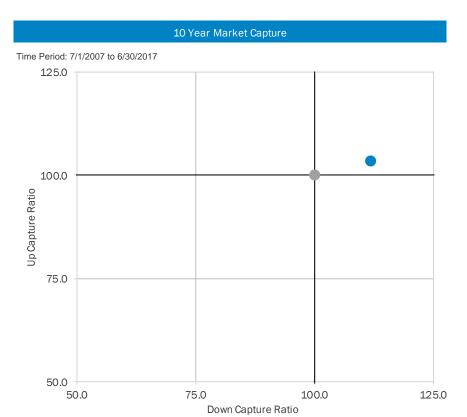
		Trailing Retu	ms (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Argent Large Cap Growth	1.8	10.9	21.4	14.8	7.0
Peer group percentile	98	81	34	33	68
Russell 1000 Growth Index	4.7	14.0	20.4	15.3	8.9
Peer group percentile	56	52	44	23	19
25th Percentile	6.2	16.9	22.2	15.2	8.6
50th Percentile	4.9	14.2	19.9	14.1	7.7
75th Percentile	3.9	11.5	17.5	12.8	6.7



## Argent Large Cap Growth As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Argent Large Cap Growth	4.8	-40.0	34.4	15.3	-1.4	21.0	31.5	12.0	5.4	7.0	10.9	9.3	14.8	7.0
Russell 1000 Growth Index	11.8	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	14.0	11.1	15.3	8.9





Argent Large Cap Growth
 Russell 1000 Growth Index



### Argent Large Cap Growth As of 6/30/2017

Time Period: 1/1/2017 to 6/30/2017 0.6 Health Care Telecommunication Services 0.3 0.2 Industrials Real Estate 0.1 Cash 0.0 Utilities 0.0 -0.1 Materials Information Technology -0.6 Consumer Discretionary -0.6 Energy -0.6 Financials -1.1 Consumer Staples -1.2 -1.5 -1.0 -0.5 0.0 0.5 1.0

Sector Relative Performance: Total Effect

	Relative Weights*	Return	Active Return
Wynn Resorts, Limited	3.3	56.4	1.0
Baxter International Inc.	4.3	37.3	0.8
Red Hat, Inc.	3.3	37.4	0.6
Skyworks Solutions, Inc.	3.7	29.3	0.5
Boston Scientific Corporation	2.8	28.2	0.3
Dottom E Sto			
Bollom 5 Slo	ck Relative Performer	'S	
Bollom 5 Sto	Relative Performer		Active
Bottom 5 Sto		Return	Active Return
Tempur Sealy International Inc	Relative		
	Relative Weights*	Return	Return
Tempur Sealy International Inc	Relative Weights* 0.6	Return -21.8	Return -0.8
Tempur Sealy International Inc Schlumberger NV	Relative Weights* 0.6 2.0	Return -21.8 -20.5	Return -0.8 -0.7

**Top 5 Stock Relative Performers** 

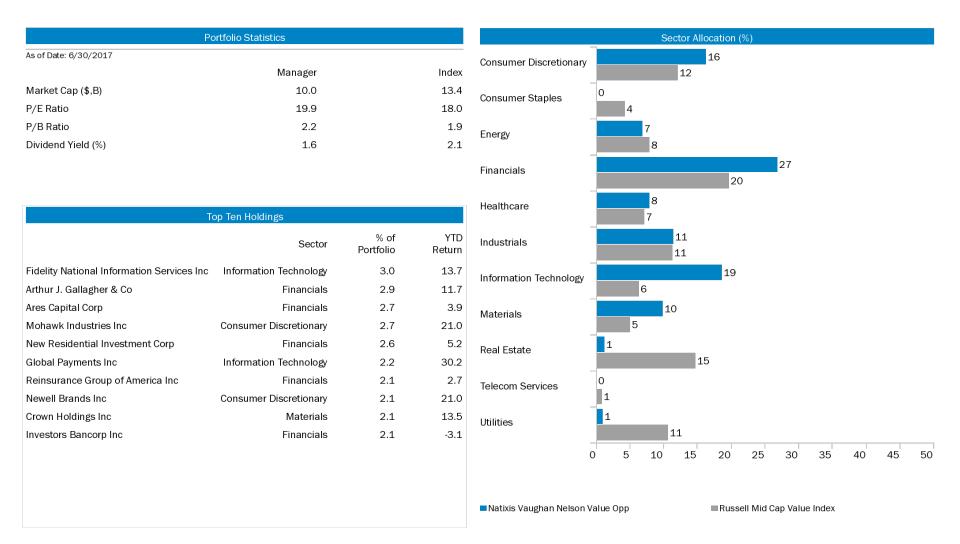
Attribution/Contribution

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	13.1	8.6	1.1	20.7	12.7	2.7	0.1	-0.7	-0.6
Consumer Staples	9.3	-6.4	-0.5	9.1	6.0	0.6	0.0	-1.1	-1.2
Energy	2.0	-20.5	-0.4	0.5	-17.2	-0.1	-0.5	-0.1	-0.6
Financials	12.9	5.7	0.8	2.9	14.6	0.4	0.0	-1.1	-1.1
Health Care	12.1	23.7	2.5	15.8	16.8	2.6	-0.1	0.7	0.6
Industrials	12.5	13.5	1.7	10.8	11.0	1.2	-0.1	0.3	0.2
Information Technology	34.7	17.6	5.4	32.9	19.1	6.0	-0.1	-0.5	-0.6
Materials	3.4	11.8	0.4	3.6	12.4	0.4	0.0	0.0	-0.1
Real Estate	0.0	0.0	0.0	2.7	9.4	0.3	0.1	0.0	0.1
Telecommunication Services	0.0	0.0	0.0	1.0	-12.4	-0.1	0.3	0.0	0.3
Utilities	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0
Cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attribution Total	100.0	11.0	11.0	100.0	14.0	14.0	-0.5	-2.5	-3.0

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

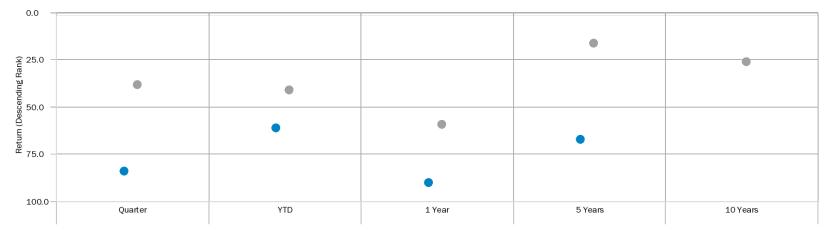








Peer Group: Open End Funds - U.S. - Mid-Cap Value



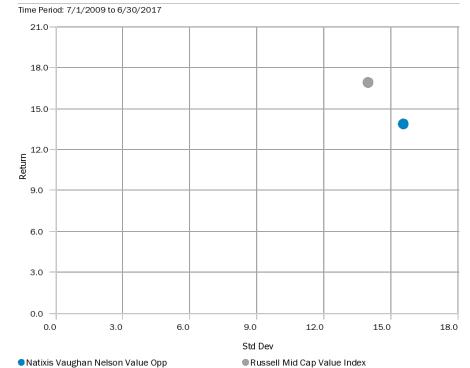
Natixis Vaughan Nelson Value Opp

Russell Mid Cap Value Index

		Trailing Ret	urns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	-0.2	4.0	12.6	12.8	
Peer group percentile	84	61	90	67	
Russell Mid Cap Value Index	1.4	5.2	15.9	15.1	7.2
Peer group percentile	38	41	59	16	26
25th Percentile	1.8	6.3	19.8	14.7	7.2
50th Percentile	0.9	4.5	16.4	13.9	6.3
75th Percentile	0.1	3.1	15.0	12.4	5.5



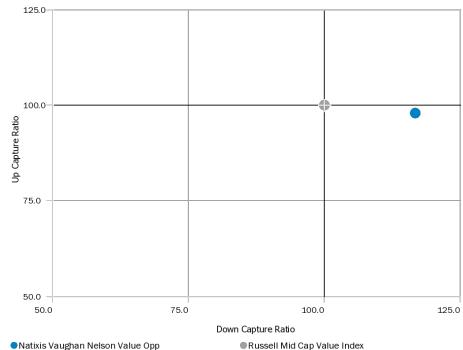
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Natixis Vaughan Nelson Value Opp			31.4	20.0	-2.5	16.3	41.5	11.2	-3.5	6.1	4.0	3.1	12.8	
Russell Mid Cap Value Index	-1.4	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	5.2	7.5	15.1	7.2

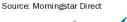


#### 8 Year Risk vs. Return

8 Year Market Capture

Time Period: 7/1/2009 to 6/30/2017







Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 1.6 Information Technology 0.9 Consumer Discretionary 0.9 Materials 0.3 Real Estate 0.1 Telecommunication Services 0.0 Consumer Staples 0.0 Cash -0.1 Health Care Utilities -0.9 Industrials -1.0 Energy -1.0 Financials -0.8 0.0 0.8 1.5 2.3 -1.5

Top 5	Stock Relative Performers		
	Relative Weights*	Return	Active Return
RingCentral Inc Class A	1.2	77.4	0.5
Grand Canyon Education Inc	2.2	34.1	0.5
Packaging Corp of America	1.5	33.0	0.4
Avery Dennison Corp	1.4	27.2	0.3
Global Payments Inc	2.2	30.2	0.3
Bottom	5 Stock Relative Performers		
	Relative Weights*	Return	Active Return
HD Supply Holdings Inc			
no oupply noidings inc	1.7	-27.9	-0.6
QEP Resources Inc	1.7 1.3	-27.9 -45.1	-0.6 -0.6
QEP Resources Inc	1.3	-45.1	-0.6

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	14.2	14.3	2.1	8.6	10.2	0.9	0.3	0.6	0.9
Consumer Staples	0.0		0.0	3.2	5.2	0.2	0.0	0.0	0.0
Energy	7.3	-34.0	-3.0	9.6	-17.9	-1.9	0.6	-1.6	-1.0
Financials	26.7	1.6	0.4	19.8	5.6	1.1	0.0	-1.1	-1.0
Health Care	10.6	8.9	0.9	4.2	15.1	0.6	0.6	-0.7	-0.1
Industrials	11.6	1.0	0.2	12.9	8.6	1.1	0.0	-0.8	-0.9
Information Technology	18.2	18.8	3.3	9.2	14.1	1.2	0.8	0.8	1.6
Materials	8.9	14.2	1.3	6.1	4.3	0.3	0.1	0.8	0.9
Real Estate	0.9	17.6	0.2	14.0	3.6	0.5	0.2	0.1	0.3
Telecommunication Services	0.0		0.0	1.2	-3.0	0.0	0.1	0.0	0.1
Utilities	0.2	2.2	0.0	11.2	8.7	0.9	-0.4	0.0	-0.4
Cash	1.5	0.3	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	5.3	5.3	100.0	4.9	4.9	2.1	-1.7	0.4

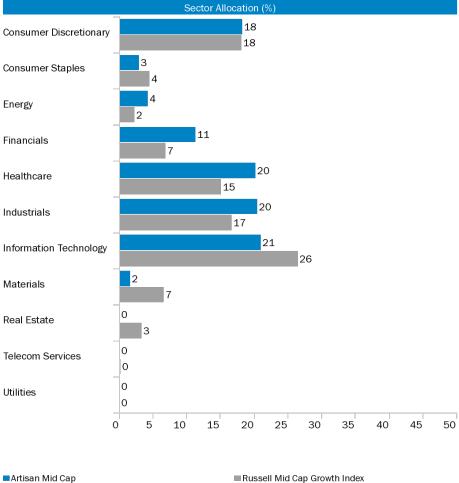
\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



	Portfolio Statistics			
As of Date: 6/30/2017	Manager	Index	Consumer Discretionary	
Market Cap (\$,B)	22.0	13.8	- Consumer Staples	3
P/E Ratio	34.7	27.3	consumer staples	4
P/B Ratio	4.3	5.5	Energy	4
Dividend Yield (%)	0.5	1.0	Lifergy	2

	Top Ten Holdings		
	Sector	% of Portfolio	YTD Return
IHS Markit Ltd A	Industrials	5.3	24.4
Boston Scientific Corp	Health Care	4.5	28.2
Global Payments Inc	Information Technology	4.0	30.2
S&P Global Inc	Financials	3.9	36.5
LKQ Corp	Consumer Discretionary	3.8	7.5
Regeneron Pharmaceuticals Inc	Health Care	2.9	33.8
Waste Connections Inc	Industrials	2.8	23.4
Cigna Corp	Health Care	2.6	25.5
Fortune Brands Home & Security Inc	Industrials	2.3	22.7
DexCom Inc	Health Care	2.2	22.5







Peer Group: Open End Funds - U.S. - Mid-Cap Growth

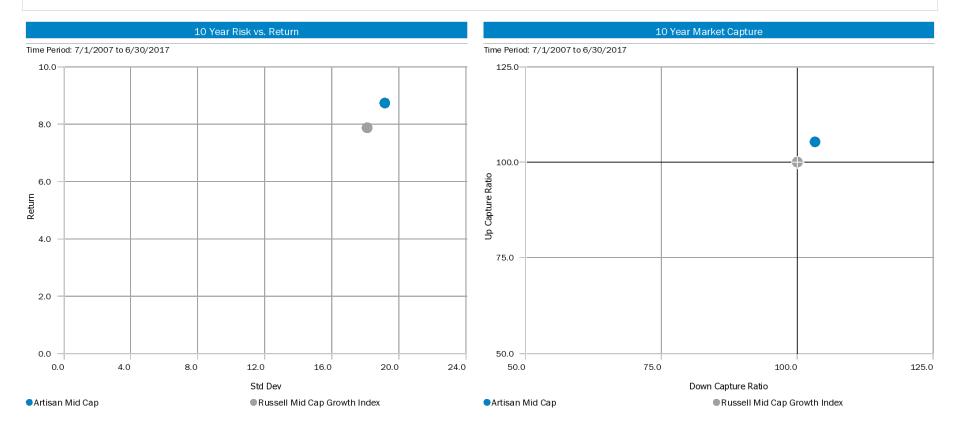
Artisan Mid Cap

Russell Mid Cap Growth Index

		Trailing R	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Artisan Mid Cap	6.8	15.3	17.1	12.7	8.7
Peer group percentile	12	16	59	46	14
Russell Mid Cap Growth Index	4.2	11.4	17.0	14.2	7.9
Peer group percentile	57	62	59	23	30
25th Percentile	5.8	14.3	20.7	13.9	8.1
50th Percentile	4.7	12.3	18.2	12.5	7.1
75th Percentile	3.4	10.2	15.8	11.5	6.0



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Mid Cap	21.2	-44.1	50.3	31.6	-2.1	19.5	37.4	5.7	2.3	-0.8	15.3	6.5	12.7	8.7
Russell Mid Cap Growth Index	11.4	-44.3	46.3	26.4	-1.7	15.8	35.7	11.9	-0.2	7.3	11.4	7.8	14.2	7.9





Sector Relative Performance: Total Effect Top 5 Stock Relative Performers Time Period: 1/1/2017 to 6/30/2017 Relative Return Weights\* 1.6 Information Technology IHS Markit Ltd A 5.2 24.4 1.5 Consumer Discretionary S&P Global Inc 3.9 36.6 0.9 60.4 Activision Blizzard Inc 1.6 Industrials 0.7 Waste Connections Inc 2.8 23.4 Financials 0.7 **Global Payments Inc** 3.5 30.2 Consumer Staples 0.5 Bottom 5 Stock Relative Performers Health Care 0.0 Relative **Telecommunication Services** Return Weights\* 0.0 Real Estate HD Supply Holdings Inc 1.2 -27.9 -0.1 Materials Advance Auto Parts Inc 0.9 -31.0 -0.4 Cash **Envision Healthcare Corp** -1.0 1.4 -0.9 Energy Acuity Brands Inc 1.1 -11.8 -0.8 0.8 1.5 -1.5 0.0 2.3 **Cimarex Energy Co** 1.3 -30.7

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	18.0	9.8	1.8	23.0	4.0	0.9	0.4	1.1	1.5
Consumer Staples	2.9	8.3	0.3	6.9	0.7	0.1	0.4	0.2	0.7
Energy	3.9	-18.2	-0.8	1.3	-14.4	-0.2	-0.8	-0.2	-0.9
Financials	10.4	19.0	2.0	5.4	12.0	0.7	0.0	0.7	0.7
Health Care	19.4	26.3	4.9	15.5	26.9	3.9	0.6	-0.1	0.5
Industrials	20.4	11.9	2.5	14.7	6.5	1.0	-0.3	1.2	0.9
Information Technology	20.4	27.5	5.4	22.6	18.5	4.1	-0.1	1.7	1.6
Materials	1.6	3.4	0.1	5.2	10.8	0.6	0.0	-0.1	-0.1
Real Estate	0.0		0.0	5.3	11.4	0.6	0.0	0.0	0.0
Telecommunication Services	0.0		0.0	0.2	-6.0	0.0	0.0	0.0	0.0
Cash	3.1	0.4	0.0	0.0		0.0	-0.4	0.0	-0.4
Attribution Total	100.0	16.0	16.0	100.0	11.6	11.6	0.0	4.5	4.5

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



Active

Return

0.9

0.9

0.5

0.5

0.4

Active

Return

-0.4

-0.4

-0.4

-0.2

-0.2

# $\underset{As \ of \ 6/30/2017}{\text{American Funds Europacific Growth}}$

Regiona	l Allocation (%)				Sector Allocation (%)
	Manager		Index	Consumer Discretionary	15
North America	6.3		1.2	consumer Discretionary	12
Latin America Emerging	2.0		0.0		
United Kingdom	12.5 26.3		17.2	Consumer Staples	7
Europe Developed Europe Emerging	26.3		45.2 0.0		12
Africa/Middle East	1.8		0.0	Energy	7
Japan	16.2		23.5	Ellergy	5
Australia/New Zealand	0.7		7.1		
Asia Developed	14.2		4.6	Financials	19
Asia Emerging	19.6		0.5		21
				Healthcare	8
Тор Т	en Holdings			Healtheare	11
	Queter	% of	YTD	Industrials	10
	Sector	Portfolio	Return	muusunais	15
Samsung Electronics Co Ltd	Information Technology	2.6	39.7	Information Technology	19
Alibaba Group Holding Ltd ADR	Information Technology	2.1	60.5	monnation recimology	6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	25.8	Materials	7
AIA Group Ltd	Financials	2.1	31.0	Materials	8
Tencent Holdings Ltd	Information Technology	1.9	46.5	Real Estate	2
HDFC Bank Ltd	Financials	1.8	44.8	Real Estate	4
SoftBank Group Corp	Telecommunication Services	1.8	21.9	Telecom Services	4
Airbus SE	Industrials	1.6	26.2	Telecom Services	4
Reliance Industries Ltd	Energy	1.6	33.9	Utilities	3
Sony Corp	Consumer Discretionary	1.5	36.2	oundes	3
					0 5 10 15 20 25 30 35 40 45 5

American Funds Europacific Growth

MSCI EAFE Index



#### American Funds Europacific Growth As of 6/30/2017



Peer Group: Open End Funds - U.S. - Foreign Large Blend

• American Funds Europacific Growth

MSCI EAFE Index

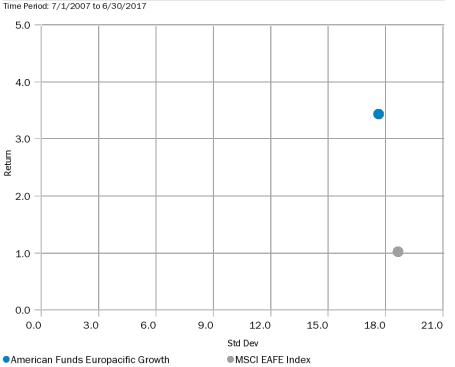
		Trailing Ret	turns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
American Funds Europacific Growth	7.7	17.8	22.2	9.6	3.4
Peer group percentile	12	5	15	13	10
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0
Peer group percentile	60	72	31	29	42
25th Percentile	6.8	15.7	20.9	8.8	1.8
50th Percentile	6.3	14.6	19.3	7.9	0.8
75th Percentile	5.8	13.6	17.3	7.0	0.0



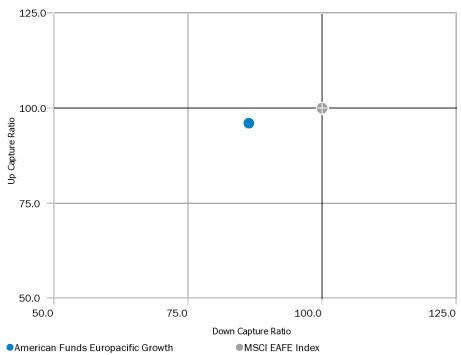
#### American Funds Europacific Growth As of 6/30/2017

						Returns (%)								
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	19.0	-40.5	39.4	9.8	-13.3	19.6	20.6	-2.3	-0.5	1.0	17.8	3.7	9.6	3.4
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0





Time Period: 7/1/2007 to 6/30/2017



10 Year Market Capture



#### American Funds Europacific Growth As of 6/30/2017

	Sector Relative Perfor	mance: Total Et	fect			Top 5 S	tock Relative Performers		
Period: 1/1/2017 to 6/30	0/2017			3.0			Relative Weights*	Return	
nation Technology	-	1.2		3.0		Alibaba Group Holding Ltd ADR	2.1	60.5	
mer Discretionary	-	1.3				HDFC Bank Ltd	1.8	44.8	
ials		1.2				Reliance Industries Ltd	1.3	33.9	
rials		0.5				Tencent Holdings Ltd	1.9	46.5	
state	0.3					Nintendo Co Ltd	1.4	62.0	
mmunication Services	0.2					Bottom 5	Stock Relative Performers		
ials	-0.2						Relative Weights*	Return	
ý	-0.3					Barclays PLC	1.1	-3.8	
Care	_					Fairfax Financial Holdings Ltd	0.5	-8.6	
mer Staples	-0.3					Novo Nordisk A/S B	0.6	20.7	
	-0.5					AmorePacific Corp	0.7	-0.2	
	-1.0 0.0	1.0	2.0	3.0	4.0	Schlumberger Ltd	0.5	-20.5	

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	13.6	20.0	2.7	12.4	10.6	1.3	0.0	1.3	1.3
Consumer Staples	6.6	14.8	1.0	10.3	17.4	1.8	-0.1	-0.2	-0.3
Energy	6.2	-2.2	-0.1	5.1	-2.2	-0.1	-0.2	0.0	-0.2
Financials	17.9	22.2	4.0	21.2	15.4	3.3	0.0	1.2	1.2
Health Care	7.8	13.9	1.1	10.7	16.5	1.8	-0.1	-0.2	-0.3
Industrials	9.8	23.7	2.3	14.3	17.1	2.4	-0.1	0.6	0.5
Information Technology	17.6	34.8	5.9	5.7	22.4	1.2	1.0	2.0	3.0
Materials	7.0	10.7	0.8	8.1	11.7	0.9	0.0	0.0	0.0
Real Estate	1.6	24.9	0.4	3.7	10.9	0.4	0.1	0.2	0.3
Telecommunication Services	4.2	15.9	0.7	4.4	10.4	0.5	0.0	0.2	0.2
Utilities	3.1	22.9	0.7	3.3	15.8	0.5	0.0	0.2	0.2
Cash	4.5	0.4	0.0	0.9	0.4	0.0	-0.5	0.0	-0.5
Attribution Total	100.0	19.3	19.3	100.0	14.0	14.0	0.0	5.4	5.4

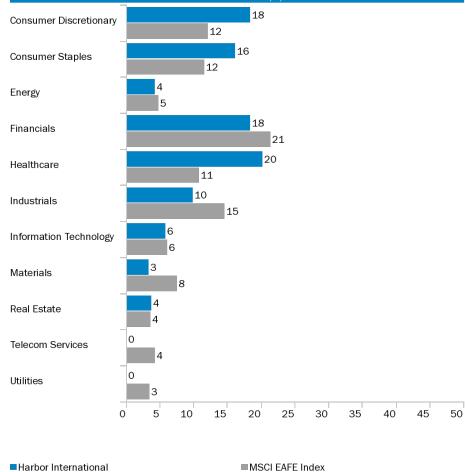
\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

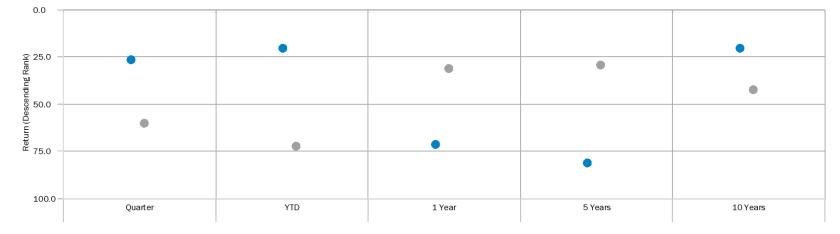


	Regional Allocation (%)			Secto	r Allocation (%)
	Manager	Index			18
North America	16.4	1.2	Consumer Discretionary	1	
Latin America Emerging	4.1	0.0		¥	2
United Kingdom	14.0	17.2	Consumer Staples		16
Europe Developed	51.0	45.2	consumer staples	12	2
Europe Emerging	0.0	0.0	_		
Africa/Middle East	1.5	0.6	Energy	4	
Japan	10.8	23.5		5	
Australia/New Zealand	0.0	7.1	_		18
Asia Developed	0.1	4.6	Financials		
Asia Emerging	2.2	0.5			21
			Healthcare		20
	Top Ten Holdings		Healuicale	11	

	rop fon fiolanige		
	Sector	% of Portfolio	YTD Return
Las Vegas Sands Corp	Consumer Discretionary	5.9	22.4
Schlumberger Ltd	Energy	3.5	-20.4
Wynn Resorts Ltd	Consumer Discretionary	2.9	56.2
Shire PLC	Health Care	2.9	-4.4
Bayer AG	Health Care	2.6	26.4
Fanuc Corp	Industrials	2.5	14.5
Heineken NV	<b>Consumer Staples</b>	2.3	30.4
Tokio Marine Holdings Inc	Financials	2.3	2.2
Novartis AG	Health Care	2.3	18.2
Vivendi SA	Consumer Discretionary	2.3	19.1







Peer Group: Open End Funds - U.S. - Foreign Large Blend

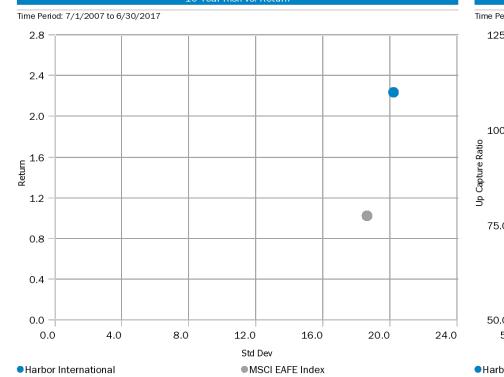
Harbor International

MSCI EAFE Index

		Trailing R	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Harbor International	6.8	16.1	17.7	6.8	2.2
Peer group percentile	26	20	71	81	20
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0
Peer group percentile	60	72	31	29	42
25th Percentile	6.8	15.7	20.9	8.8	1.8
50th Percentile	6.3	14.6	19.3	7.9	0.8
75th Percentile	5.8	13.6	17.3	7.0	0.0



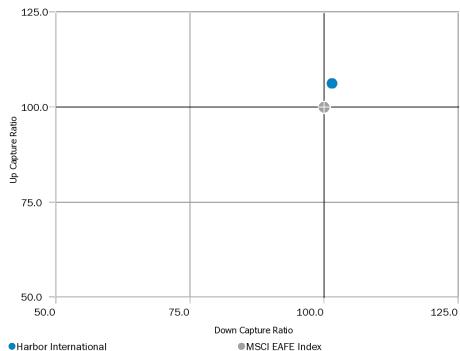
						Ret	urns (%)							
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	21.8	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.2	16.1	0.0	6.8	2.2
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0



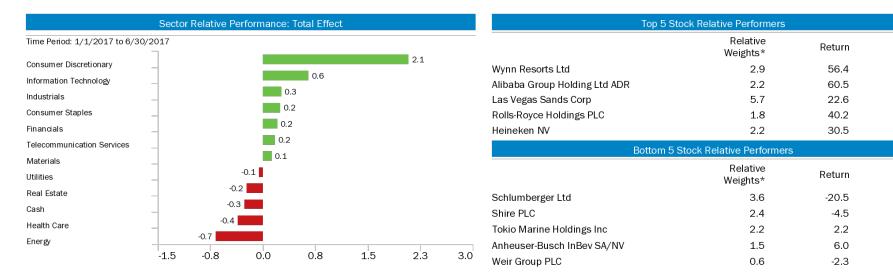
10 Year Risk vs. Return

10 Year Market Capture

Time Period: 7/1/2007 to 6/30/2017







Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	17.0	24.0	4.0	12.4	10.6	1.3	-0.2	2.2	2.1
Consumer Staples	16.3	18.3	3.0	11.2	17.7	2.0	0.2	0.1	0.2
Energy	4.2	-18.8	-0.9	5.1	-2.2	-0.1	0.2	-0.8	-0.7
Financials	18.4	16.8	3.1	21.2	15.5	3.3	0.0	0.2	0.2
Health Care	19.4	13.6	2.7	10.7	16.5	1.8	0.2	-0.6	-0.4
Industrials	9.5	21.5	2.0	14.3	17.1	2.4	-0.1	0.4	0.3
Information Technology	5.8	34.3	1.9	5.7	22.4	1.2	0.0	0.6	0.6
Materials	3.8	12.1	0.5	8.1	11.7	0.9	0.1	0.0	0.1
Real Estate	3.7	5.2	0.2	3.7	10.9	0.4	0.0	-0.2	-0.2
Telecommunication Services	0.0		0.0	4.4	10.4	0.5	0.2	0.0	0.2
Utilities	0.0		0.0	3.3	15.8	0.5	-0.1	0.0	-0.1
Cash	1.9	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	16.3	16.3	100.0	14.2	14.2	0.2	2.0	2.1

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Deried: 1 /1 /0017 to 6 /20 /0017



Active

Return

1.2

0.7

0.7

0.4

0.3

Active

Return

-0.8

-0.5

-0.3

-0.1

-0.1

Regional	Allocation (%)				Sector Allocation (%)
	Manager		Index		, 11
North America	0.0		0.1	Consumer Discretionary	11
Latin America Emerging	13.9		12.2		
United Kingdom	0.0		0.0	Consumer Staples	4
Europe Developed	0.9		0.8		7
Europe Emerging Africa/Middle East	5.5 6.5		6.1 7.7	Francis	12
Japan	0.0		0.0	Energy	7
Australia/New Zealand	0.0		0.0		
Asia Developed	36.3		28.1	Financials	30
Asia Emerging	36.8		45.0		24
				Healthcare	0
Top Te	en Holdings			Healthcare	2
	Sector	% of Portfolio	YTD Return	Industrials	10
China Construction Bank Corp H	Financials	3.1	6.0	Information Technology	10
Reliance Industries Ltd	Energy	2.0	33.9	information rectinology	27
Industrial And Commercial Bank Of China Ltd H	Financials	1.6	12.6	Materials	16
Hyundai Motor Co	Consumer Discretionary	1.5	15.3	Materials	7
Bank Of China Ltd H	Financials	1.4	10.6	Real Estate	3
Ptt PLC Shs Foreign Registered	Energy	1.1	22.4	Real Estate	3
Standard Bank Group Ltd	Financials	1.0	2.1	Telecom Services	2
Gazprom PJSC ADR	Energy	1.0	-21.6	Telecom Services	5
Vale SA A	Materials	0.9	17.1	Utilities	2
ICICI Bank Ltd ADR	Financials	0.8	32.8	oundes	3
					0 5 10 15 20 25 30 35 40 45 50
				DFA Emerging Market	s Value MSCI EM Index





Peer Group: Open End Funds - U.S. - Diversified Emerging Mkts

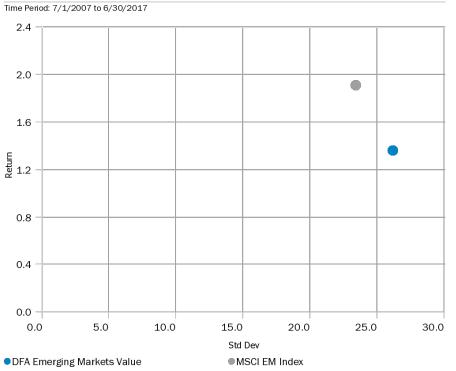
DFA Emerging Markets Value

MSCI EM Index

Trailing Returns (%)									
	Quarter	YTD	1 Year	5 Years	10 Years				
DFA Emerging Markets Value	2.8	17.4	27.6	3.8	1.4				
Peer group percentile	90	65	7	57	55				
MSCI EM Index	6.3	18.4	23.7	4.0	1.9				
Peer group percentile	41	56	31	53	41				
25th Percentile	7.2	20.6	24.3	5.5	2.6				
50th Percentile	6.0	18.9	21.7	4.1	1.6				
75th Percentile	4.9	16.3	16.9	3.0	0.7				



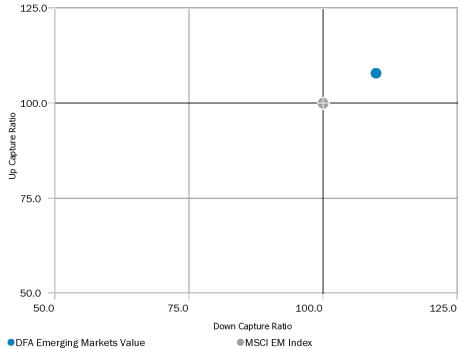
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
DFA Emerging Markets Value	45.6	-53.9	92.3	22.1	-25.6	19.4	-3.8	-4.4	-18.8	19.8	17.4	0.8	3.8	1.4
MSCI EM Index	39.4	-53.3	78.5	18.9	-18.4	18.2	-2.6	-2.2	-14.9	11.2	18.4	1.1	4.0	1.9



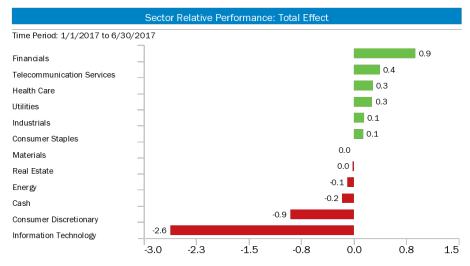
#### 10 Year Risk vs. Return

#### 10 Year Market Capture

Time Period: 7/1/2007 to 6/30/2017







Top 5 Stock Relative Performers								
	Relative Weights*	Return	Active Return					
Reliance Industries Ltd	1.5	33.9	0.4					
Ptt PLC Shs Foreign Registered	1.3	22.2	0.4					
KB Financial Group Inc ADR	0.7	43.1	0.2					
LG Electronics Inc	0.4	64.1	0.1					
ICICI Bank Ltd ADR	0.7	32.8	0.1					
Bottom 5 Stock Relative Performers								
	Relative Weights*	Return	Active Return					
Gazprom PJSC ADR	1.4	-21.6	-0.4					
Petroleo Brasileiro SA Petrobras ADR	0.9	-21.0	-0.2					
Petroleo Brasileiro SA Petrobras ADR	0.9	-21.0	-0.2					
JBS SA	0.2	-43.6	-0.1					
China Construction Bank Corp H	1.6	5.9	-0.1					

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	9.9	13.6	1.3	10.4	22.4	2.3	0.0	-0.9	-0.9
Consumer Staples	3.8	12.2	0.5	7.0	13.3	1.0	0.2	0.0	0.1
Energy	13.6	6.7	1.1	7.4	-0.3	0.0	-1.2	1.1	-0.1
Financials	29.6	18.3	5.5	24.2	14.6	3.6	-0.2	1.1	0.9
Health Care	0.5	30.3	0.1	2.4	10.1	0.3	0.2	0.1	0.3
Industrials	9.2	19.5	1.8	5.8	17.3	1.0	-0.1	0.2	0.1
Information Technology	9.0	33.3	2.8	24.4	35.2	8.2	-2.4	-0.2	-2.6
Materials	16.7	15.3	2.5	7.4	11.9	0.9	-0.6	0.6	0.0
Real Estate	3.0	22.4	0.7	2.5	23.7	0.6	0.0	-0.1	0.0
Telecommunication Services	2.1	11.6	0.3	5.7	9.9	0.6	0.3	0.0	0.4
Utilities	1.7	17.4	0.3	2.8	8.7	0.2	0.1	0.2	0.3
Cash	0.9	0.4	0.0	0.0		0.0	-0.2	0.0	-0.2
Attribution Total	100.0	16.8	16.8	100.0	18.6	18.6	-3.9	2.2	-1.8

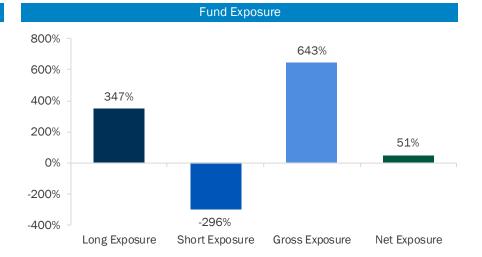
\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



## Hedge Fund Overview: HBK As of 3/31/2017

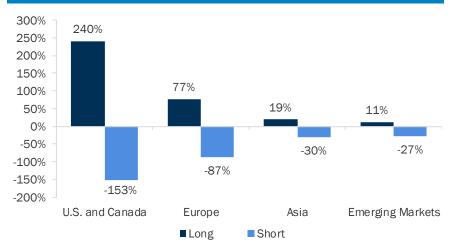
# Organizational Overview Strategy Type Multi-Strategy - Relative Value Location of Headquarters Dallas, TX Year Founded 1991



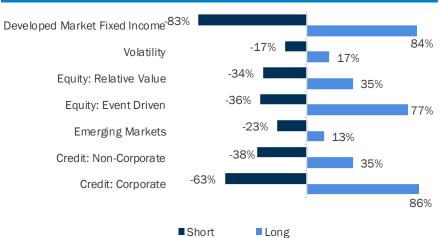
Regional Allocation (Long/Short)

\$10.2

\$7.6



#### Sector Allocation (Long/Short)



Notes: All data provided by the investment manager.

Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.



Firm Assets Under

Management (\$, B)

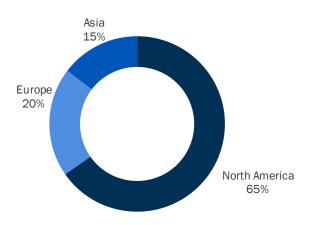
Fund Assets Under

Management (\$, B)

## Hedge Fund Overview: Och-Ziff Master Fund II As of 3/31/2017



Geographic Exposure





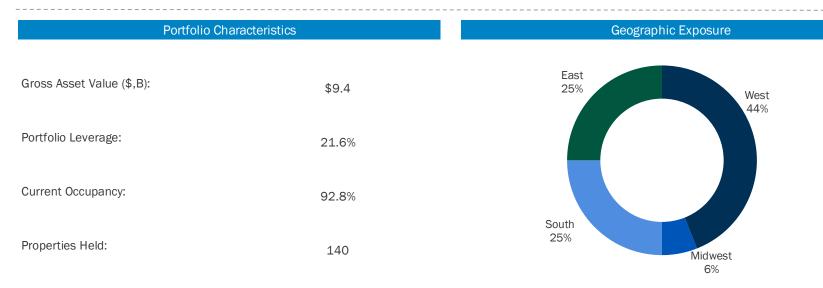
Notes: All data provided by the investment manager.

Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.

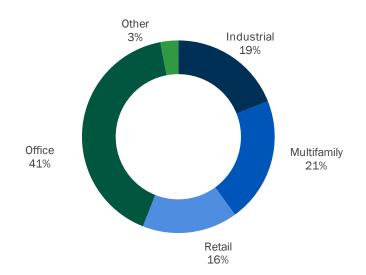


# Real Estate Overview: Principal U.S. Property

As of 6/30/2017



Property Type





This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.

### Fixed Income Overview: MetWest Total Return Bond As of 3/31/2017

Portfolio Characteristics	MetWest Total Return Bond	Barclays Aggregate Bond	Maturity Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
Duration	5.6 yrs	6.0 yrs	0-1 Years	11%	0%
	7.0		1-3 Years	10%	21%
Average Maturity	7.2 yrs	8.2 yrs	3-5 Years	21%	20%
Average Quality	-	AA	5-10 Years	42%	42%
			10-20 Years	6%	6%
Yield to Maturity	3.0%	2.6%			

20+ Years

Sector Allocation	MetWest Total Return Bond	Barclays Aggregate Bond
Cash	3%	0%
U.S. Treasury	24%	37%
Direct Agency	0%	2%
Agency Mortgages	25%	28%
Non-Agency Mortgages	7%	0%
CMBS	6%	2%
Asset-Backed	6%	0%
Investment Grade Corp.	26%	21%
Non-Investment Grade Corp.	2%	0%
Municipals	1%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
ААА	60%	72%
AA	5%	5%
А	20%	10%
BBB	10%	14%
Below Investment Grade	5%	<b>O</b> %
Other	0%	0%

9%

12%

Notes: All data provided by the investment manager.

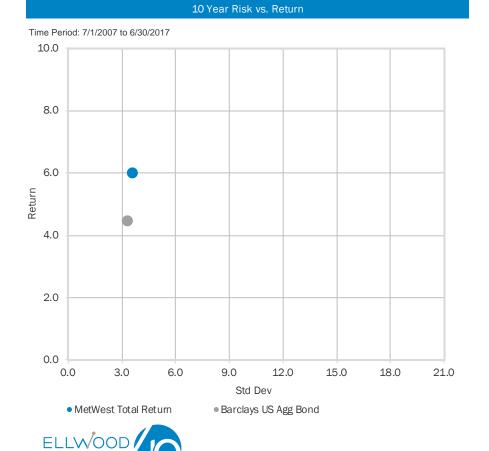
Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## MetWest Total Return

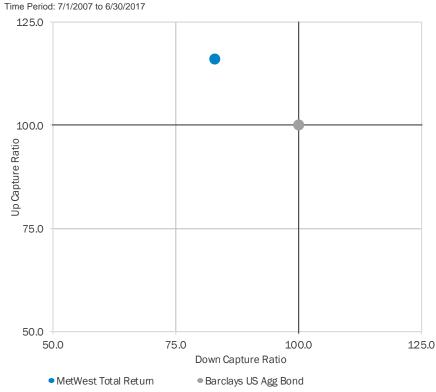
As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Total Return	6.5	-1.3	17.3	11.7	5.5	11.5	0.5	6.0	0.3	2.5	2.2	2.3	3.5	6.0
Barclays US Agg Bond	7.0	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	2.3	2.5	2.2	4.5



YEARS

#### 10 Year Market Capture



This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.

### Fixed Income Overview: Dodge & Cox Income As of 3/31/2017

Portfolio Characteristics	Dodge & Cox Income	Barclays Aggregate Bond	Maturity Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
Duration	4.2 yrs	6.0 yrs	0-1 Years	7%	0%
		0.0	1-3 Years	21%	21%
Average Maturity	8.2 yrs	8.2 yrs	3-5 Years	22%	20%
Average Quality		AA	5-10 Years	31%	42%
			10-20 Years	8%	6%
Yield to Maturity	3.1%	2.6%			

20+ Years

Sector Allocation	Dodge & Cox Income	Barclays Aggregate Bond
Cash	3%	0%
U.S. Treasury	17%	37%
Direct Agency	0%	2%
Agency Mortgages	32%	28%
Non-Agency Mortgages	7%	0%
CMBS	0%	2%
Asset-Backed	3%	0%
Investment Grade Corp.	32%	21%
Non-Investment Grade Corp.	6%	0%
Municipals	0%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
AAA	50%	72%
AA	4%	5%
A	3%	10%
BBB	31%	14%
Below Investment Grade	9%	0%
Other	3%	0%

12%

12%

Notes: All data provided by the investment manager.

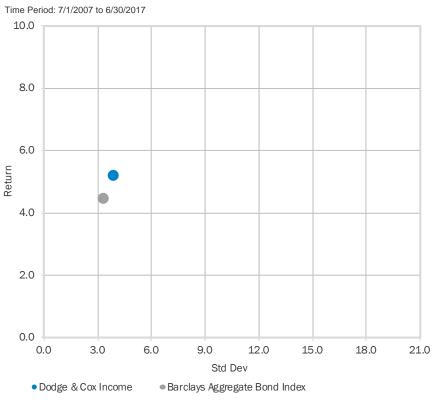
Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.

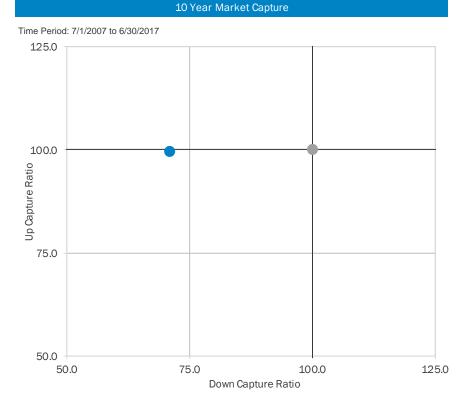


### Dodge & Cox Income As of 6/30/2017

					F	Returns (%)								
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Income	4.7	-0.3	16.1	7.2	4.8	7.9	0.6	5.5	-0.6	5.6	2.7	2.8	3.4	5.2
Barclays Aggregate Bond Index	7.0	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	2.3	2.5	2.2	4.5

#### 10 Year Risk vs. Return





Dodge & Cox Income
 Barclays Aggregate Bond Index



# Appendix: Investment Manager Fee Review



## **Bi-State 788 Pension Plan**

### **Investment Manager Fees**

Style	Manager	Market Value (\$,M)	Management Fee	Projected Annual Fee (\$)	Average Expense Ratio for Style
Large Cap Value Equity	Dodge & Cox Stock	\$17.7	0.52%	\$92,006	0.90%
Large Cap Core Equity	Piedmont Strategic Core	\$7.5	0.65%	\$49,009	0.89%
Large Cap Growth Equity	Argent Large Cap Growth	\$15.6	0.57%	\$89,130	0.95%
Mid Cap Growth Equity	Artisan Mid Cap	\$7.7	0.95%	\$72,758	1.08%
Mid Cap Value Equity	Vaughan Nelson Value Opportunity	\$6.7	0.98%	\$66,031	1.02%
International Equity	EuroPacific Growth Fund	\$13.2	0.50%	\$66,010	1.05%
International Equity	Harbor International	\$11.8	0.71%	\$83,832	1.05%
Emerging Markets Equity	DFA Emerging Markets Value	\$6.4	0.56%	\$36,113	1.30%
Real Estate	Principal US Real Estate	\$10.1	1.10%	\$111,446	1.05%
Hedge Fund	BlueCrest AllBlue Fund	\$0.0	0.00%	\$O	1.73%
Hedge Fund	HBK Master Fund II	\$6.1	1.50%	\$92,018	1.73%
Hedge Fund	Och-Ziff OZ Overseas Fund II	\$5.4	2.00%	\$107,080	1.73%
Fixed Income	MetWest Total Return	\$10.6	0.43%	\$45,540	0.66%
Fixed Income	Dodge & Cox Income	\$9.3	0.43%	\$39,958	0.66%
Money Market	First American Prime Obligation	\$3.1	0.29%	\$8,962	0.13%
Total		\$131.4	0.73%	\$959,893	1.00%

Notes: Fees shown use actual market values as of June 30.

Hedge Fund managers also have an incentive fee structure. Average expense ratio shown using Morningstar peer group data.



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Attachment 6

## Second Quarter 2017 Performance Report

Bi-State Development Agency OPEB Retirement Trust





## **Table of Contents**

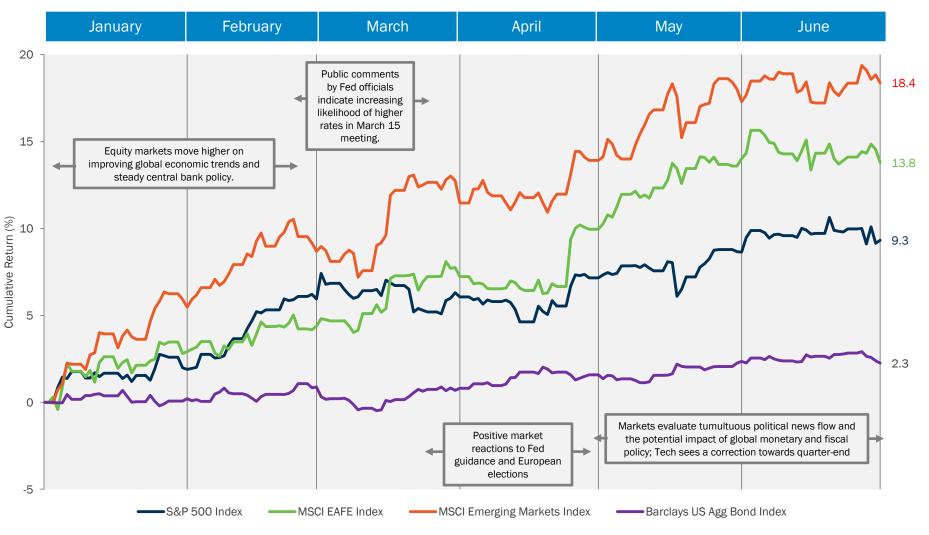
- I. Capital Markets Overview
- II. OPEB Retirement Trust Portfolio Review
- III. Investment Manager Appendix
  - Manager Performance Review
  - Investment Program Fee Review



# 2<sup>nd</sup> Quarter 2017 Capital Markets Exhibits



## Year-To-Date Market Timeline



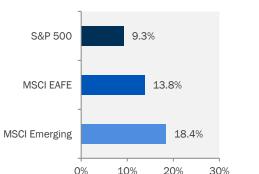
Source: Morningstar Direct, S&P, MSCI, Barclays



## **2017 Performance Drivers**

#### **Positive Performers**

#### 2017 YTD Index Performance



**Technology Sector** Tech % of 2017 Tech Index Index Sector Return S&P 500 22% 17% MSCI EAFE 6% 22% **MSCI** Emerging 24% 35% 20% 30%

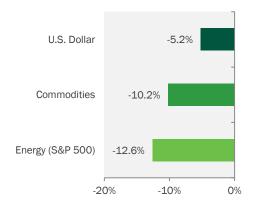
#### **Tech Sector Comments**

- Technology companies, which have driven innovation and disrupted traditional markets, continue to attract investor capital on a global basis despite rising valuations.
- "FAANG" stocks including Facebook (31%), Amazon (29%), Apple (25%), Netflix (21%) & Alphabet/Google (18%) drove U.S. technology performance.
- Within emerging markets, the "SATT" stocks, including Samsung (60%), Alibaba (61%), Tencent (48%) & Taiwan Semiconductor (26%) drove technology sector performance

(2017 YTD returns)

### 2017 YTD Index Performance

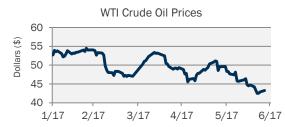
Source: S&P 500 Index, MSCI EAFE Index & MSCI Emerging Markets Index



Negative Performers

#### Oil/Energy

• Oil started the year trading at \$52 per barrel. Prices declined throughout the first half of the year as increased U.S. rig counts boosted supply offsetting production cuts from Russia and OPEC. Oil ended the second quarter at \$43/barrel.



#### U.S. Dollar

- The U.S. Dollar declined in 2017 following several years of relative strength.
- The Euro appreciated by 8.6% relative to the Dollar in 2017 as economic growth improved and populist threats waned.

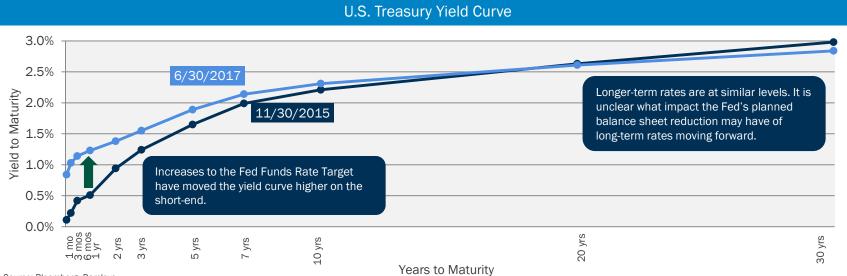


#### Source: Bloomberg, Factset Economics

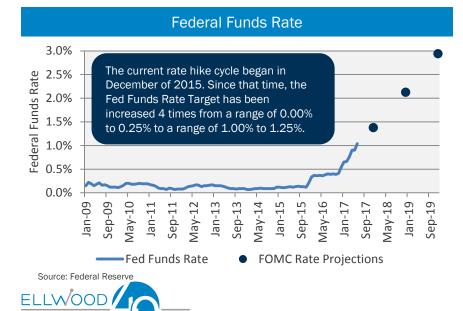


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## The Impact of Fed Rate Hikes on the Yield Curve



Source: Bloomberg, Barclays



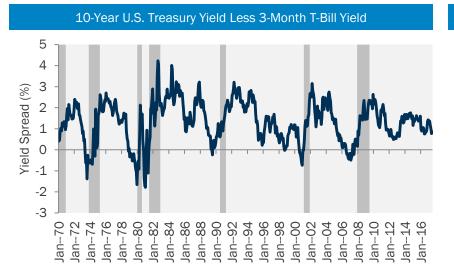
YEARS

Real Rates and Breakeven Inflation								
	5 Years 10 Years							
	Real Rates	Breakeven Inflation	Real Rates	Breakeven Inflation				
11/30/2015	0.35%	1.30%	0.62%	1.59%				
6/30/2017 0.26% 1.63% 0.58%								
Observations								

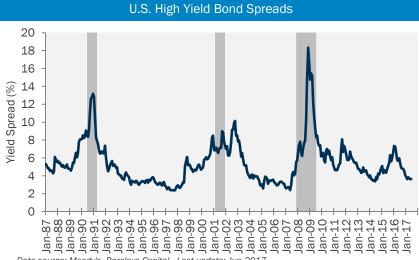
- The Fed rate hikes have not been able to push long-term real rates higher, and inflation expectations are only marginally higher suggesting longer-term growth expectations remain modest.
- In addition to the increases in the Fed Funds Rate, the Fed also • announced plans to slowly reduce the size of its balance sheet by not reinvesting proceeds of maturing bonds.

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## **Economic Cycle Indicators**

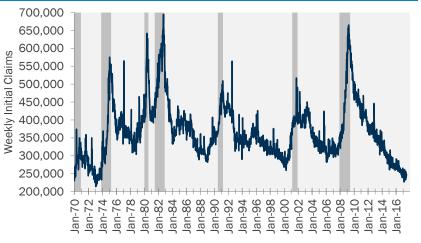


Data source: United States Treasury



Data source: Moody's, Barclays Capital. Last update: Jun 2017





Data source: US Department of Labor. Data is seasonally adjusted. Last update: Jun 2017

#### **Observations**

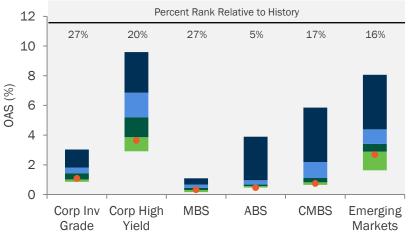
- The most common cause of a severe equity market correction is a recession.
- While there are no fail proof forward looking predicators of a recession, an inverted yield curve, increases in the unemployment rate, and widening high yield corporate bond spreads are among the more reliable predictors.
- None of these three predictors are currently indicating a recession is immininent.



## Market Valuations and Volatility



#### Fixed Income Spreads Relative to History



Source: Barclays

#### **Observations**

- Equity valuations, especially in the U.S., remain above • historical averages. Expectations for strong corporate growth rates support higher valuations as shown by the more reasonable forward valuations.
- Bond spreads are tight (low incremental yield relative ۲ to Treasury bonds of a similar maturity) relative to historical ranges, indicating challenging valuations across bond markets.
- The market's current expectations for equity volatility is low compared to history.

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Source: MSCI

Percent (%)

100

80

60

40

20

0 12/06

Source: CBOE, Morningstar

12/08

YEARS

### The VIX Index measures expected short-term volatility in the S&P 500 Index.

12/10

- VIX

12/12

12/14

12/16

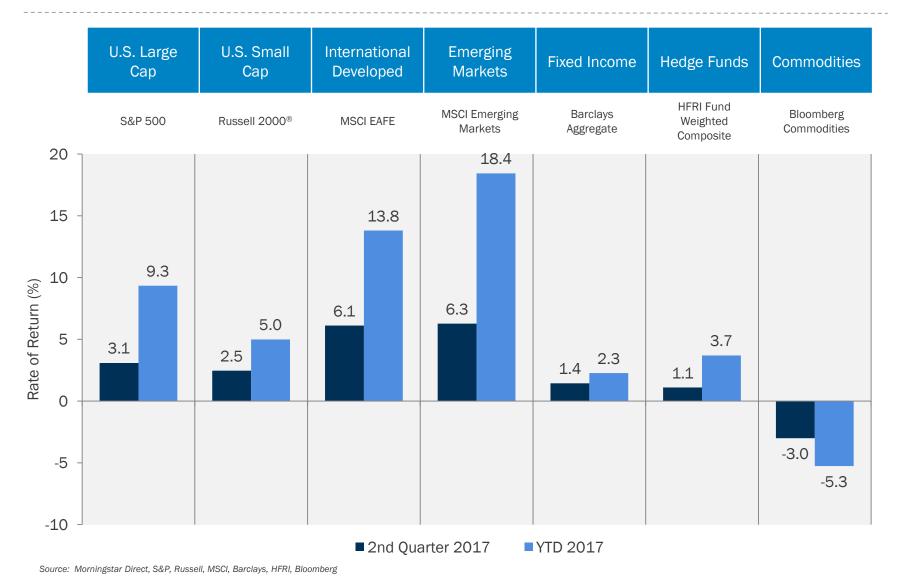
**CBOE VIX Index** 

## An Updated View on the 2017 Outlook

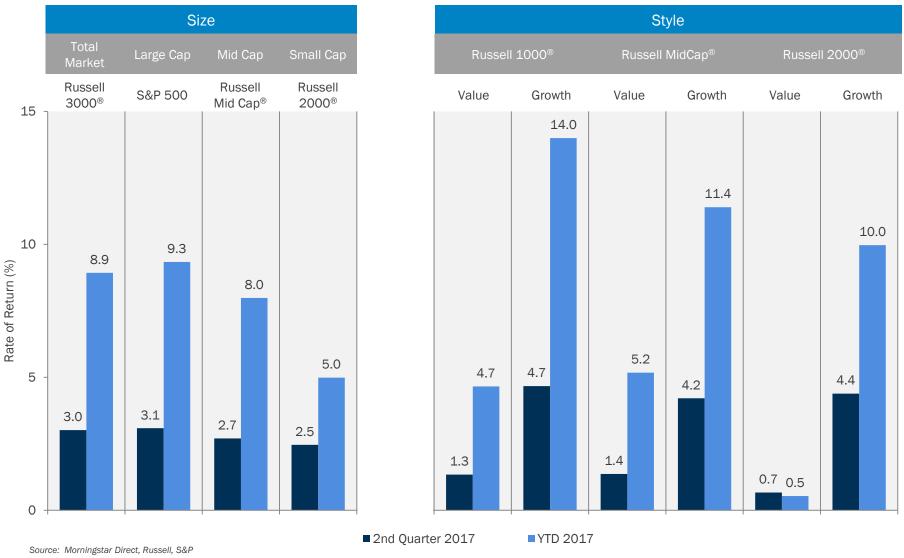
Theme	Upside Scenario	Downside Scenario	Current Status
Fiscal Policy Stimulus	Expansionary fiscal policy such as corporate tax cuts are <u>quickly agreed upon</u> , providing a swift boost to corporate earnings. Infrastructure spending and deregulation, while having a longer implementation period, also achieves consensus to move forward.	Fiscal hawks push back and <u>significantly</u> <u>delay</u> proposals, instead seeking tax reform and spending that does not increase the deficit or the national debt.	The timeliness and magnitude of pro- business policies have become more uncertain amid political gridlock.
Global Trade Policy	The tone of early trade negotiations is balanced, resulting in a framework that allows for <u>compromises</u> for both the US and its trade partners, mitigating concerns of negative impacts on economic growth and foreign policy relationship.	The administration uses its Presidential powers to quickly move forward with tariffs, provoking a <u>trade war</u> that has an abrupt negative impact on the revenue of exporters and its suppliers and causes a sharp upward spike in inflation expectations.	The appointment of US Trade Representative Robert Lighthizer should allow for clearer communications regarding future trade negotiations.
US Monetary Policy	The US Federal Reserve tightens monetary policy <u>in-line with market expectations</u> (currently two rate hikes for 2017).	High inflation surprises the Fed, leading to an <u>accelerated pace</u> of monetary policy tightening and resulting in a sharp spike in volatility across global equity, fixed income and currency markets.	Inflation has leveled off as energy prices have weakened.
Elections and Referendums	Concerns over elections outcomes – particularly in Europe – are overblown as <u>transfers of political party power are orderly</u> and proposed changes are more symbolic than economically-substantive, calming markets.	Anti-establishment candidates <u>sweep major</u> <u>European elections</u> , and amid unstable political coalitions, markets begin to price in a highly uncertain future for the EU and the Eurozone.	Losses by far-right candidates in Austria, and the Netherlands and France has significantly improved market sentiment.
China's Financial Conditions	China <u>successfully manages to moderate</u> ballooning debt levels and slow capital outflows without a negative impact on economic growth.	Capital <u>outflows sharply accelerate</u> , and China decides on a one-time large devaluation of the Yuan, creating turmoil and defaults in debt markets as liquidity dramatically falls.	China continues to roll out new regulations that clamp down on financial sector activities considered aggressive by Chinese regulators.



## **Market Overview**



## **U.S. Equity Market Performance**



Note: Russell Style Indices shown; Russell 3000®, Russell Mid Cap®, Russell 2000®.



### S&P 500 Scorecard

		Sect	or Returns			Sect
	<u>Div.</u> Yield <sup>(1)</sup>	<u>P/E</u> <u>Ratio</u> <sup>(2)</sup>	<u>15-Yr</u> <u>Avg.<sup>(3)</sup></u>			
Technology	1.4%	22.8x	21.3x	4.1%	Energy	Utilitie 1 3%
Health Care	1.6%	23.7x	20.6x	7.1%	Materials <sup>6%</sup> 3%	
Consumer Discretionary	1.4%	22.8x	18.9x	2.4%	Consumer Staples	
Industrials	2.0%	22.0x	18.0x	4.7%	9%	
S&P 500	1.9%	21.6x	17.3x	<b>3.1%</b> <b>9.3%</b>		
Materials	2.0%	23.2x	18.7x	<b>3.2%</b> <b>9.2%</b>	Technology 22%	
Utilities	3.4%	20.2x	16.1x	<b>2.2%</b> <b>8.8%</b>	Source: Morningstar Direct, S&P	
Consumer Staples	2.6%	21.6x	19.1x	<b>1.6%8.0%</b>	Top Five	S&P
Financials	1.6%	15.9x	14.6x	4.2% 6.9%		
Real Estate	3.3%	35.1x	37.5x	2.8% 6.4%	Name 1. Apple, Inc.	Sect Techno
Telecom	5.1%	17.2x	20.0x -7.0 -10.7%		2. Microsoft Corp.	Techno
Energy	2.9%	33.8x	14.9x -6. -12.6%	4%	3. Exxon Mobil Corp.	Ener
			12.070		4. Amazon	Cons. D

2<sup>nd</sup> Quarter 2017

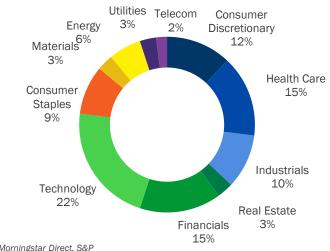
YTD 2017

Source: Morningstar Direct, S&P <sup>(1)</sup>Trailing 12 month as of 6/30/2017. <sup>(2)</sup>Trailing 12 month P/E as of 6/30/2017. <sup>(3)</sup>E successful 2017.

 $^{(3)}\mbox{15-year}$  average trailing 12 month P/E as of 6/30/2017.



### Sector Weights

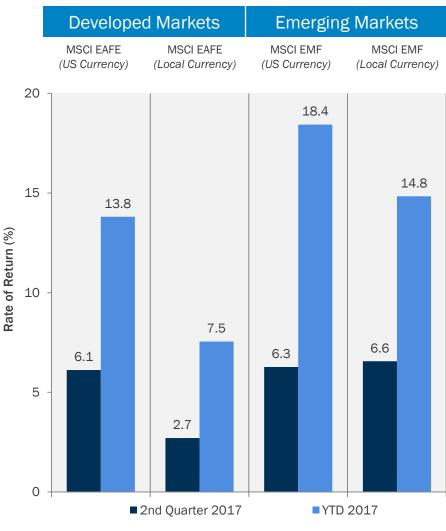


### Top Five S&P 500 Index Holdings

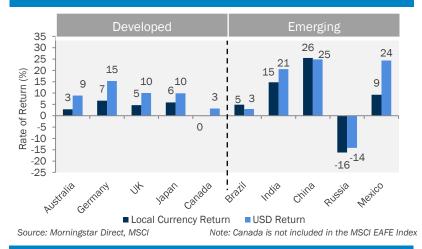
Name	Sector	% of S&P	YTD 2017 Return	YTD 2017 Contribution to Return
1. Apple, Inc.	Technology	3.6%	25.4%	0.82%
2. Microsoft Corp.	Technology	2.5%	12.2%	0.31%
3. Exxon Mobil Corp.	Energy	1.7%	-9.9%	-0.17%
4. Amazon	Cons. Discr.	1.7%	29.1%	0.45%
5. Johnson & Johnson	Health Care	1.6%	16.3%	0.27%

Source: Morningstar Direct, S&P

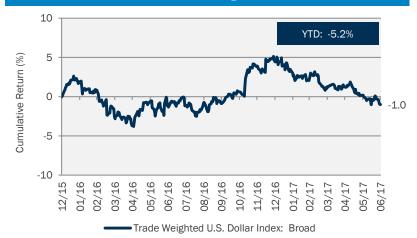
## Non-U.S. Equity Market Performance



#### **YTD International Market Returns**



#### U.S. Dollar vs. Foreign Currencies

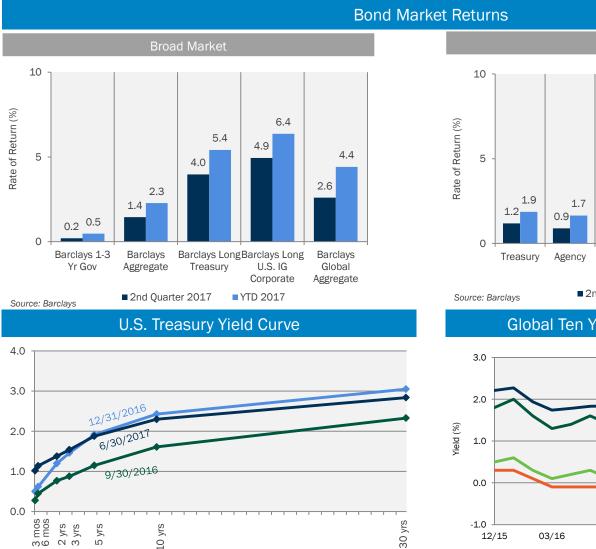


Source: Morningstar Direct, MSCI



Source: Federal Reserve Board; US trade-weighted index.

## **Fixed Income Markets**



10 yrs

YEARS

Years to Maturity

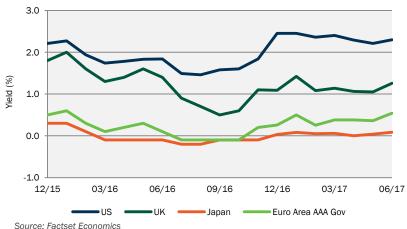
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Source: Barclays

ELLW

4.9 5.1 3.8 3.6 2.5 2.2 2.0 1.8 1.3 0.9 Mortgages Corporate Municipal High Yield Emerging Markets 2nd Quarter 2017 YTD 2017

### **Global Ten Year Government Spot Yields**



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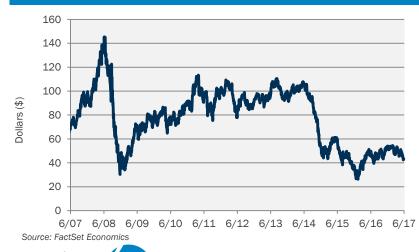
## **Real Assets Performance**

Asset Class Performance 2nd Quarter 2017 YTD 2017 10 Rate of Return (%) 5 2.0 0.7 0 -0.4 -0.9 -3.0 -5 -5.3 -10 Bloomberg Commodity Index S&P Global Natural Resources Stock Index Barclays US TIPS (1-10 Year) Index

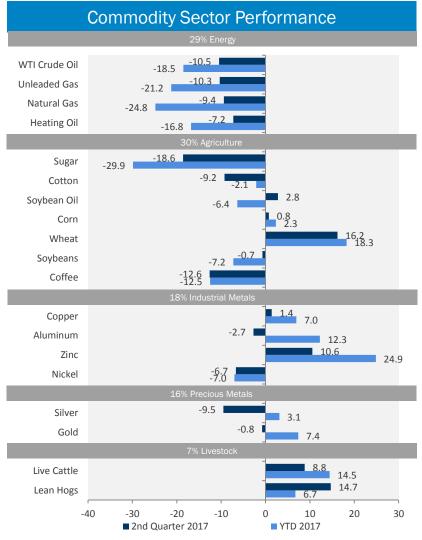
Source: Morningstar Direct, Bloomberg, S&P, Barclays

FI I 🗸

### Historical WTI Crude Oil Prices



YEARS



Source: Morningstar Direct, Bloomberg

## World Markets Heat Map

Calendar Year Returns								Annı	ualized Re	eturns								
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017		YTD	1-Yr	3-Yr	5-Yr	10-Yr	TTM P/E	Div. Yield
U.S. Equity											U.S. Equity							
S&P 100 Index	-35.3%	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	8.9%	S&P 100 Index	8.9%	17.7%	9.7%	13.9%	6.9%	21.2x	2.3%
S&P 500 Index	-37.0%	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	9.3%	S&P 500 Index	9.3%	17.9%	9.6%	14.6%	7.2%	21.4x	2.1%
Russell 1000 Value Index	-36.9%	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	4.7%	Russell 1000 Value Index	4.7%	15.5%	7.4%	13.9%	5.6%	18.2x	2.5%
Russell 1000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 1000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.4x	1.5%
Russell 2000 Index	-33.8%	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	5.0%	Russell 2000 Index	5.0%	24.6%	7.4%	13.7%	6.9%	21.1x	1.5%
Russell 2000 Value Index	-28.9%	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	0.5%	Russell 2000 Value Index	0.5%	24.9%	7.0%	13.4%	5.9%	18.1x	2.3%
Russell 2000 Growth Index	-38.5%	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	10.0%	Russell 2000 Growth Index	10.0%	24.4%	7.6%	14.0%	7.8%	25.7x	0.8%
Russell Micro Cap Index	-39.8%	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	4.2%	Russell Micro Cap Index	4.2%	27.6%	6.7%	13.7%	5.5%	17.4x	1.2%
Non U.S. Equity											Non U.S. Equity							
MSCI ACWI ex U.S. Index	-45.5%	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	14.1%	MSCI ACWI ex U.S. Index	14.1%	20.5%	0.8%	7.2%	1.1%	17.0x	3.3%
MSCI EAFE Index	-43.4%	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	13.8%	MSCI EAFE Index	13.8%	20.3%	1.1%	8.7%	1.0%	17.9x	3.5%
MSCI EAFE Small Cap Index	-47.0%	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	16.7%	MSCI EAFE Small Cap Index	16.7%	23.2%	5.6%	12.9%	3.4%	16.7x	2.6%
MSCI Emerging Markets Index	-53.3%	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	18.4%	MSCI Emerging Markets Index	18.4%	23.7%	1.1%	4.0%	1.9%	14.6x	2.8%
MSCI Emerging Mkts. Small Cap Index	-58.2%	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	16.0%	MSCI Emerging Mkts. Small Cap Index	16.0%	17.0%	0.8%	5.1%	2.2%	17.6x	2.5%
MSCI Frontier Markets Index	-54.1%	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	15.6%	MSCI Frontier Markets Index	15.6%	19.2%	-3.4%	8.6%	-1.5%	12.5x	3.5%
Global											Global							
MSCI ACWI Index	-42.2%	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	11.5%	MSCI ACWI Index	11.5%	18.8%	4.8%	10.5%	3.7%	19.1x	2.6%
Fixed Income	_										Fixed Income						Duration	YTW
Barclays US Aggregate Index	5.2%	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	2.3%	Barclays US Aggregate Index	2.3%	-0.3%	2.5%	2.2%	4.5%	6.0	2.6%
Barclays US Inv. Grade. Corp. Index	-4.9%	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	3.8%	Barclays US Inv. Grade. Corp. Index	3.8%	2.3%	3.6%	4.0%	5.8%	7.4	3.2%
Barclays High Yield Index	-26.2%	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	4.9%	Barclays High Yield Index	4.9%	12.7%	4.5%	6.9%	7.7%	3.8	5.7%
Barclays US Corp Long AA+ Index	8.2%	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	5.6%	Barclays US Corp Long AA+ Index	5.6%	-0.4%	5.9%	4.8%	7.6%	13.9	4.3%
Barclays US Treasury Long Index	24.0%	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	5.4%	Barclays US Treasury Long Index	5.4%	-7.2%	5.6%	2.8%	7.3%	17.6	2.8%
Barclays U.S. Municipal Bond Index	-2.5%	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	3.6%	Barclays U.S. Municipal Bond Index	3.6%	-0.5%	3.3%	3.3%	4.6%	6.3	2.3%
Barclays Global Agg. ex. U.S. Index	4.4%	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	6.1%	Barclays Global Agg. ex. U.S. Index	6.1%	-3.8%	-2.4%	-0.4%	3.0%	7.8	0.8%
Barclays EM Debt (Local) Gov't Index		17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	8.8%	Barclays EM Debt (Local) Gov't Index	8.8%	3.8%	-1.8%	0.9%		5.6	4.8%
Alternatives											Alternatives						_	
Bloomberg Commodity Index	-35.6%	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	-5.3%	Bloomberg Commodity Index	-5.3%	-6.5%	-14.8%	-9.2%	-6.5%		
Bloomberg Commodity – Gold	3.9%	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	7.4%	Bloomberg Commodity – Gold	7.4%	-6.9%	-2.7%	-5.5%	5.9%		
Bloomberg Commodity – WTI Crude Oil	-53.2%	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	-18.5%	Bloomberg Commodity – WTI Crude Oil	-18.5%	-16.9%	-36.7%	-20.5%	-15.6%		
Bloomberg Commodity – Agriculture	-27.5%	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-3.4%	Bloomberg Commodity – Agriculture	-3.4%	-13.0%	-10.3%	-8.6%	-1.7%		
HFRI FOF Composite Index	-21.4%	11.5%	5.7%	-5.7%	4.8%	9.0%	3.4%	-0.3%	0.5%	2.6%	HFRI FOF Composite Index	2.6%	5.8%	1.3%	3.7%	0.8%		
HFRI Equity Hedge Index	-26.6%	24.6%	10.5%	-8.4%	7.4%	14.3%	1.8%	-1.0%	5.5%	6.2%	HFRI Equity Hedge Index	6.2%	12.5%	3.0%	6.3%	2.8%	-	
Source: Morningstar Direct Bloomberg											Source: Morningstar Direct Bloomberg							

Source: Morningstar Direct, Bloomberg

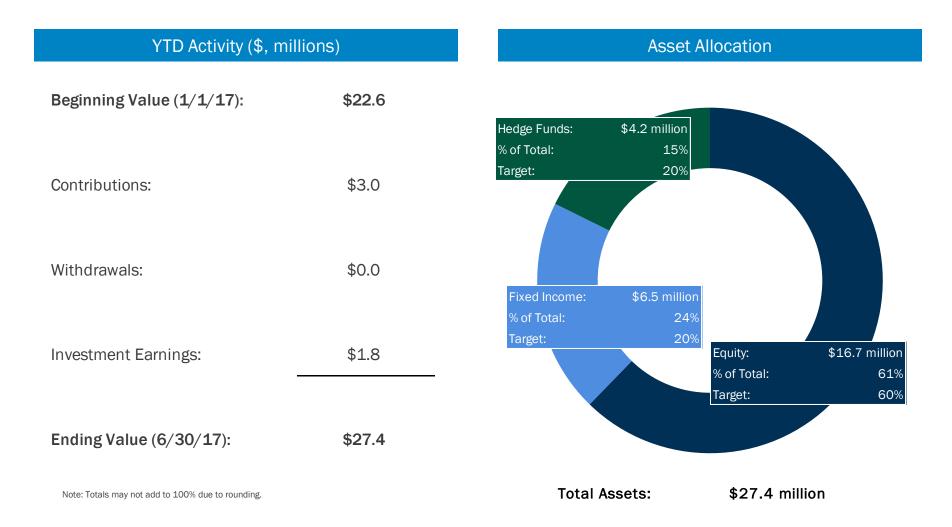
Source: Morningstar Direct, Bloomberg



# **OPEB Retirement Trust Portfolio Review**



### Bi-State Development Agency OPEB Trust As of June 30, 2017





# As of June 30, 2017

	Current Allocation	Target Allocation	+/- Target
Domestic Equity			
Vanguard Institutional Index	24.4%	24.0%	0.4%
DFA Targeted Value Small Cap Value	6.1%	6.0%	0.1%
Artisan Mid Cap Fund	5.8%	6.0%	-0.2%
Total Domestic Equity	36.3%	36.0%	0.3%
International Equity			
Neuberger Berman International	12.4%	12.0%	0.4%
Harbor International	12.2%	12.0%	0.2%
Total International Equity	24.5%	24.0%	0.5%
Hedge Funds			
Blackstone Park	8.1%	10.0%	-1.9%
Blackstone Hedged Equity	7.2%	10.0%	-2.8%
Total Hedge Funds	15.4%	20.0%	-4.6%
Fixed Income			
TCW MetWest Low Duration	20.0%	20.0%	0.0%
Cash	3.7%	0.0%	3.7%
Total Fixed Income	23.7%	20.0%	3.7%
Total Portfolio	100.0%	100.0%	-

Notes: Totals may not add to 100% due to rounding. Cash balance is \$1,009,686 as of June 30, 2017.



### Portfolio Manager Allocations As of June 30, 2017

	Equity Manag	<u>er Structure</u>		Fixed Income Ma	anager Structure
	Value	Growth			
U.S. Large Cap	Vang S&P 50 \$6.7 n 24.4% c	0 Index nillion		TCW MetWest Low Duration \$5.5 million 20.0% of Total	Cash \$1.0 million 3.7% of Total
U.S. Mid/ Small Cap	DFA Targeted Value Small Cap Value \$1.7 million 6.1% of Total	Artisan Mid Cap Growth \$1.6 million 5.8% of Total		Total Fixed Income =	
			_	<u>Alternative Mar</u>	lager Structure
Int'I Large Cap	Neuberger Berman International Equity \$3.4 million 12.4% of Total	Harbor International Equity \$3.3 million 12.2% of Total		Blackstone Park \$2.2 million 8.1% of Total	Blackstone Hedged Equity \$2.0 million 7.2% of Total

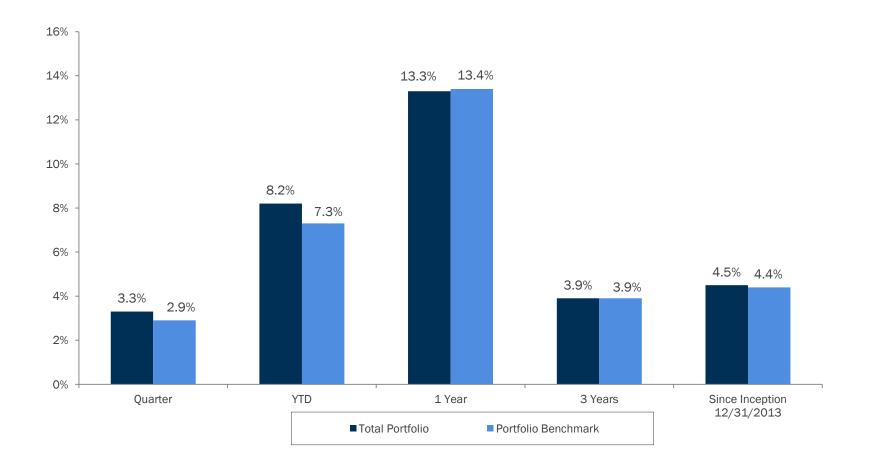
Total Equity = 61% of Total

Notes: Totals may not add to 100% due to rounding. Cash balance is \$1,009,686 as of June 30, 2017.



Total Alternatives = 15% of Total

### Bi-State Development Agency OPEB Plan Total Portfolio Performance as of June 30, 2017





### Asset Class Performance Review Periods Ended June 30, 2017

Asset Class	Quarter	YTD	Three Years	Since Inception	Inception Date
Domestic Equity	3.0%	8.4%	8.3%	8.9%	1/1/2014
Russell 3000 Index	3.0%	8.9%	9.1%	9.3%	
International Equity	7.0%	15.6%	1.6%	2.5%	1/1/2014
MSCI EAFE Index	6.1%	13.8%	1.2%	2.3%	
Hedge Funds	1.8%	5.9%	1.9%	2.6%	1/1/2014
HFRI Fund of Funds Strategic Index	1.4%	5.3%	1.8%	2.3%	
Fixed Income	0.5%	0.9%	1.0%	1.2%	1/1/2014
ML 1-3 Year Treasury Index	0.3%	0.6%	0.7%	0.7%	

<sup>(1)</sup> The Total Portfolio Benchmark is a market value weighted benchmark comprised of the Russell 3000 Index, MSCI EAFE Index, HFRI Fund of Funds Composite Index, and the ML 1-3 Year Treasury Index.



### Manager Performance Review Periods Ended June 30, 2017

Asset Class	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
U.S. Equity						
Vanguard S&P 500 Index Fund	3.1%	9.3%	14.6%	7.2%	10.3%	1/1/2014
S&P 500 Index	3.1%	9.3%	14.6%	7.2%	10.4%	
Artisan Mid Cap Growth Fund	6.8%	15.2%	12.7%	8.7%	6.2%	1/1/2014
Russell 2000 Growth Index	4.4%	10.0%	14.0%	7.8%	7.2%	
DFA Targeted Value Fund	-0.6%	-0.4%	14.5%	6.6%	6.0%	1/1/2014
Russell 2000 Value Index	0.7%	0.5%	13.4%	5.9%	7.3%	
Non U.S. Equity						
Neuberger Berman Int'l Equity Fund	7.2%	15.1%	8.7%	1.6%	3.8%	1/1/2014
MSCI EAFE Index	6.1%	13.8%	8.7%	1.0%	2.3%	
Harbor International Fund	6.8%	16.1%	6.8%	2.2%	1.2%	1/1/2014
MSCI EAFE Index	6.1%	13.8%	8.7%	1.0%	2.3%	
Hedge Funds						
Blackstone Park	1.5%	5.1%	5.9%	4.2%	1.6%	2/1/2015
HFRI Fund of Funds Strategic Index	1.4%	5.3%	4.5%	0.9%	1.9%	
Blackstone Hedged Equity	2.0%	6.8%	6.9%	3.1%	3.3%	1/1/2014
HFRI Fund of Funds Strategic Index	1.4%	5.3%	4.5%	0.9%	2.2%	
Fixed Income						
TCW MetWest Low Duration	0.5%	0.9%	2.1%	2.5%	1.2%	1/1/2014
ML 1-3 Year Treasury Index	0.2%	0.4%	0.6%	1.9%	0.7%	

Note: Performance prior to manager's inception is illustrative.



# **Manager Performance Review**



### Vanguard 500 Index As of 6/30/2017

	Portfolio Statis	tics			Sector Allocation (%)
As of Date: 6/30/2017				Consumer Discretionar	12
		Manager	Index		12
Market Cap (\$,B)		168.7	168.9	Consumer Staples	9
P/E Ratio		21.5	21.6	oonsumer outpies	9
P/B Ratio		3.0	3.0	Energy	6
Dividend Yield (%)		1.9	1.9	Lineigy	6
				Financials	14 15
	Top Ten Holdir	ngs		Healthcare	14 15
	Sector	% of Portfolio	YTD Return	Industrials	10 10
Apple Inc	Information Technology	3.9	25.4	Information Technology	23
Microsoft Corp	Information Technology	2.6	12.2	mormation recimology	22
Amazon.com Inc	Consumer Discretionary	1.9	29.1	Materials	3
Facebook Inc A	Information Technology	1.7	31.2	Materials	3
Johnson & Johnson	Health Care	1.7	16.2	Real Estate	3
Exxon Mobil Corp	Energy	1.6	-8.9		3
Berkshire Hathaway Inc B	Financials	1.4	3.9	Telecom Services	2
JPMorgan Chase & Co	Financials	1.4	7.1		2
Alphabet Inc A	Information Technology	1.4	17.3	Utilities	3
Alphabet Inc C	Information Technology	1.4	17.7	Sandoo	3
					0 5 10 15 20 25 30 35 40 45 5

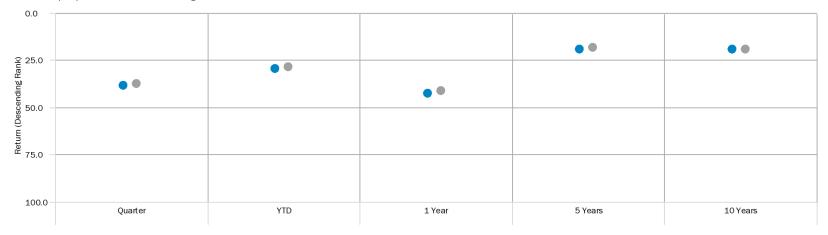
Vanguard 500 Index

■S&P 500 Index



### Vanguard 500 Index As of 6/30/2017

Peer Group: Open End Funds - U.S. - Large Blend



Vanguard 500 Index

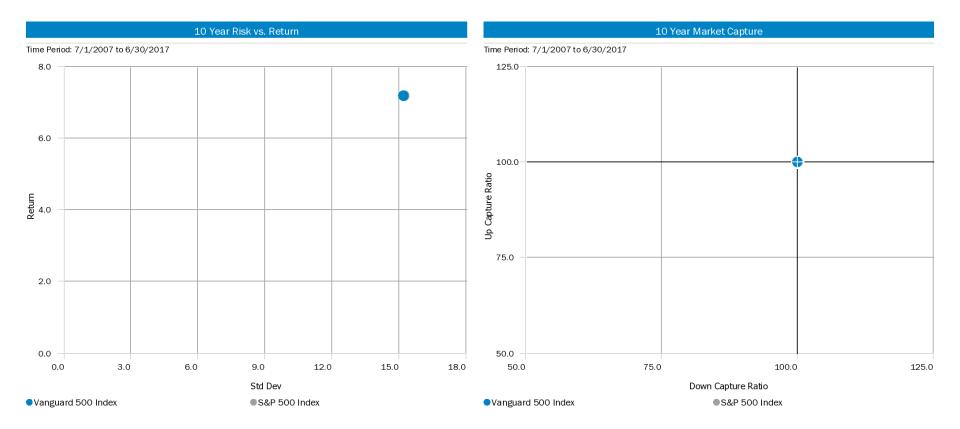
S&P 500 Index

Trailing Returns (%)												
	Quarter	YTD	1 Year	5 Years	10 Years							
Vanguard 500 Index	3.1	9.3	17.9	14.6	7.2							
Peer group percentile	38	29	42	19	19							
S&P 500 Index	3.1	9.3	17.9	14.6	7.2							
Peer group percentile	37	28	41	18	19							
25th Percentile	3.4	9.4	19.3	14.4	7.0							
50th Percentile	3.0	8.8	17.5	13.8	6.4							
75th Percentile	2.4	7.6	15.4	12.6	5.6							



### Vanguard 500 Index As of 6/30/2017

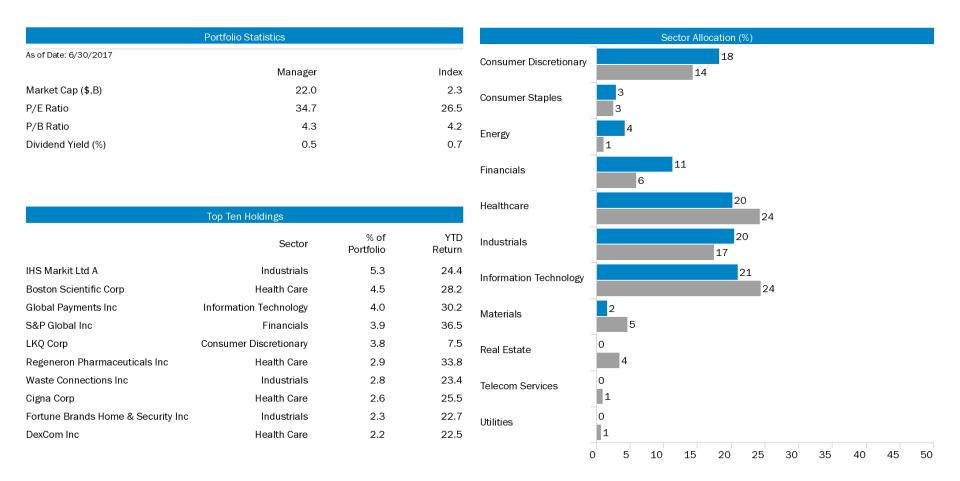
	Returns (%)													
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	5.5	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	9.3	9.6	14.6	7.2
S&P 500 Index	5.5	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	9.3	9.6	14.6	7.2



Source: Morningstar Direct

CELEBRATING CELEBRATING

### Artisan Mid Cap As of 6/30/2017



Artisan Mid Cap

Russell 2000 Growth Index



## Artisan Mid Cap As of 6/30/2017



Peer Group: Open End Funds - U.S. - Mid-Cap Growth

Artisan Mid Cap

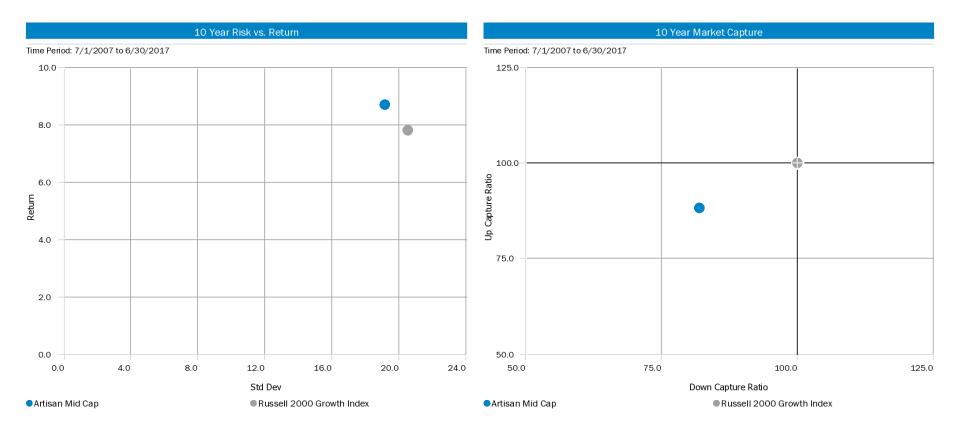
Russell 2000 Growth Index

		Trailing R	eturns (%)		
	Quarter	YTD	1 Year	5 Years	10 Years
Artisan Mid Cap	6.8	15.2	16.9	12.7	8.7
Peer group percentile	12	17	60	48	14
Russell 2000 Growth Index	4.4	10.0	24.4	14.0	7.8
Peer group percentile	55	77	9	24	31
25th Percentile	5.8	14.3	20.7	13.9	8.1
50th Percentile	4.7	12.3	18.2	12.5	7.1
75th Percentile	3.4	10.2	15.8	11.5	6.0



## Artisan Mid Cap As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Mid Cap	21.2	-44.1	50.3	31.6	-2.1	19.5	37.4	5.7	2.2	-0.9	15.2	6.4	12.7	8.7
Russell 2000 Growth Index	7.0	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	10.0	7.6	14.0	7.8



Source: Morningstar Direct



## Artisan Mid Cap As of 6/30/2017

	Sector Relative Perfo	mance: Total Effect		Тор	5 Stock Relative Performers		
Time Period: 1/1/2017 to 6/30,	/2017		3.0		Relative Weights*	Return	Activ Retur
Information Technology	-	1.7	0.0	S&P Global Inc	3.9	36.6	1.3
Industrials	-			IHS Markit Ltd A	5.2	24.4	1.1
Financials	-	1.4		Concho Resources Inc	2.2	-8.3	0.7
Consumer Discretionary	_	0.9		Global Payments Inc	3.9	30.2	0.7
Consumer Staples	0.3			Activision Blizzard Inc	1.6	60.4	0.6
	0.0						
Real Estate	-			Bottoi	n 5 Stock Relative Performers		
Real Estate Utilities	0.0			Botto		3	Active
Utilities	-0.1			Bottor	Relative	Return	
Utilities	0.0				Relative Weights*	Return	Active Returr
Utilities Health Care	-0.1			Advance Auto Parts Inc	Relative Weights* 1.3	Return -31.0	Returr -0.5
Utilities Health Care Telecommunication Services	0.0			Advance Auto Parts Inc HD Supply Holdings Inc	Relative Weights* 1.3 1.5	Return -31.0 -27.9	Returr -0.5 -0.5
Utilities Health Care Telecommunication Services Materials Cash	0.0 -0.1 -0.2			Advance Auto Parts Inc HD Supply Holdings Inc Envision Healthcare Corp	Relative Weights* 1.3 1.5 1.6	Return -31.0 -27.9 -1.0	Returr -0.5 -0.5 -0.4
Utilities Health Care Telecommunication Services Materials	0.0 -0.1 -0.1 -0.2	1.0 2.0	3.0 4	Advance Auto Parts Inc HD Supply Holdings Inc	Relative Weights* 1.3 1.5	Return -31.0 -27.9	Returr -0.5 -0.5

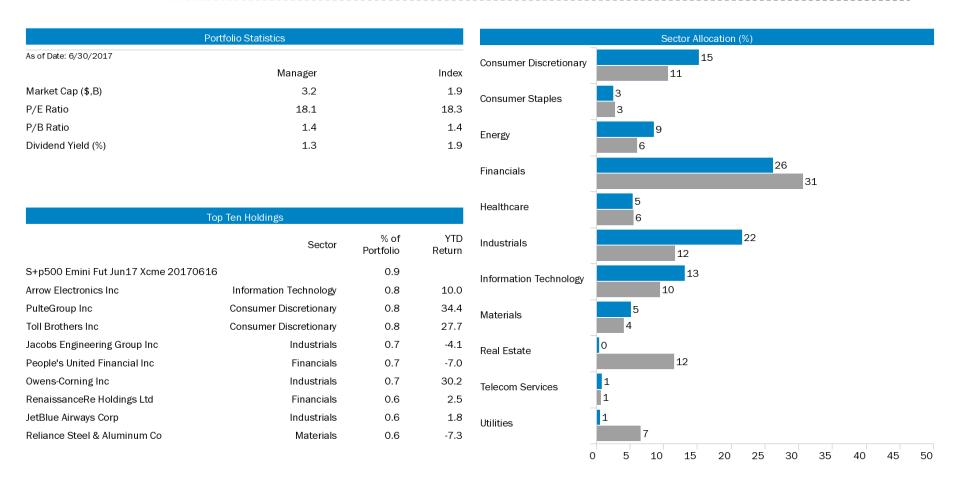
Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	18.0	9.8	1.8	15.0	4.4	0.7	-0.2	1.0	0.9
Consumer Staples	2.9	8.3	0.3	3.1	-1.3	0.0	0.0	0.3	0.3
Energy	3.9	-18.2	-0.8	1.3	-32.5	-0.5	-1.4	0.8	-0.6
Financials	10.4	19.0	2.0	5.6	2.2	0.1	-0.4	1.8	1.4
Health Care	19.4	26.3	4.9	21.4	24.5	5.0	-0.3	0.2	-0.1
Industrials	20.4	11.9	2.5	16.1	2.2	0.4	-0.3	2.1	1.7
Information Technology	20.4	27.5	5.4	25.1	11.8	2.9	-0.1	3.1	3.0
Materials	1.6	3.4	0.1	5.3	11.7	0.6	-0.1	-0.1	-0.2
Real Estate	0.0		0.0	5.5	9.4	0.5	0.0	0.0	0.0
Telecommunication Services	0.0		0.0	0.8	24.4	0.2	-0.1	0.0	-0.1
Utilities	0.0		0.0	0.8	7.3	0.1	0.0	0.0	0.0
Cash	3.1	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	16.0	16.0	100.0	10.0	10.0	-3.1	9.1	6.1

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct





DFA US Targeted Value

Russell 2000 Value Index



Peer Group: Open End Funds - U.S. - Small Value



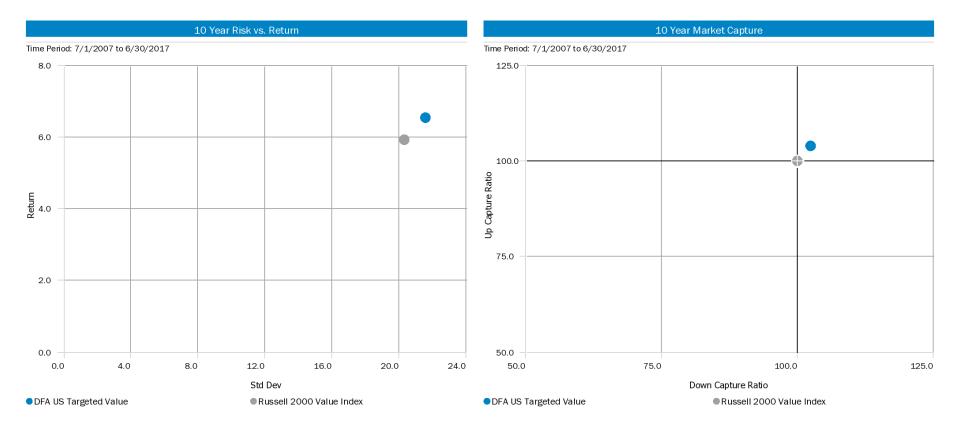
DFA US Targeted Value

Russell 2000 Value Index

Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
DFA US Targeted Value	-0.6	-0.4	21.5	14.5	6.5					
Peer group percentile	80	64	44	12	41					
Russell 2000 Value Index	0.7	0.5	24.9	13.4	5.9					
Peer group percentile	33	53	17	44	57					
25th Percentile	0.9	2.4	23.0	14.0	7.1					
50th Percentile	0.3	0.8	20.8	13.1	6.2					
75th Percentile	-0.5	-0.9	18.8	11.6	5.1					



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
DFA US Targeted Value	-8.2	-33.8	31.9	29.0	-6.3	19.2	43.0	2.9	-5.7	26.9	-0.4	5.1	14.5	6.5
Russell 2000 Value Index	-9.8	-28.9	20.6	24.5	-5.5	18.1	34.5	4.2	-7.5	31.7	0.5	7.0	13.4	5.9





Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 0.3 Financials 0.3 Information Technology 0.2 Materials 0.1 Consumer Staples 0.1 Health Care 0.1 Real Estate 0.0 Industrials 0.0 Cash -0.1 Consumer Discretionary -0.2 Telecommunication Services -0.4 Utilities -1.0 Energy -1.0 -0.5 0.0 0.5 -1.5

Top 5 Stock	Relative Performers		
	Relative Weights*	Return	Active Return
PulteGroup Inc	0.7	34.5	0.2
Rice Energy Inc	0.3	24.7	0.2
Toll Brothers Inc	0.7	27.7	0.1
Owens-Corning Inc	0.6	30.2	0.1
Huntsman Corp	0.3	36.9	0.1
Bottom 5 Stor	ck Relative Performers	\$	
	Relative Weights*	Return	Active Return
XPO Logistics Inc	-0.2	49.7	-0.2
Frontier Communications Corp Class B	0.3	-63.2	-0.2
Avnet Inc	0.7	-17.6	-0.2
Nabors Industries Ltd	0.4	-49.8	-0.1
Transocean Ltd	0.6	-44.2	-0.1

Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.9	1.7	0.3	9.8	2.9	0.3	0.2	-0.2	-0.1
Consumer Staples	2.5	-5.9	-0.2	2.8	-9.9	-0.3	0.0	0.1	0.1
Energy	8.6	-26.9	-2.6	5.3	-27.3	-1.6	-1.0	0.0	-1.0
Financials	26.5	-0.6	-0.2	32.2	-1.2	-0.4	0.1	0.2	0.3
Health Care	4.8	17.1	0.8	4.6	16.0	0.7	0.1	0.0	0.1
Industrials	21.4	3.0	0.6	13.0	4.7	0.6	0.4	-0.4	0.0
Information Technology	13.2	6.8	0.9	10.3	6.4	0.6	0.2	0.1	0.3
Materials	5.8	3.1	0.2	4.7	0.6	0.0	0.0	0.2	0.2
Real Estate	0.4	7.5	0.0	10.3	-0.1	0.0	0.1	0.0	0.1
Telecommunication Services	0.9	-22.2	-0.2	0.7	-7.1	0.0	0.0	-0.2	-0.2
Utilities	0.5	17.9	0.1	6.4	7.7	0.5	-0.4	0.1	-0.4
Cash	1.5	0.4	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	-0.2	-0.2	100.0	0.3	0.3	-0.5	-0.1	-0.6

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



Re	gional Allocation (%)				Sector Allocation (%)
	Manager		Index	Concurrent Discretioner	. 11
North America	11.4		1.2	Consumer Discretionar	12
Latin America Emerging	0.0		0.0		
United Kingdom	18.1		17.2	Consumer Staples	10
Europe Developed	49.3		45.2		12
Europe Emerging	0.0 2.8		0.0	F /	5
Africa/Middle East Japan	2.8 11.6		0.6 23.5	Energy	5
Australia/New Zealand	2.2		23.5		
Asia Developed	1.7		4.6	Financials	19
Asia Emerging	3.0		0.5		21
	0.0		0.0		11
	Top Ten Holdings			Healthcare	11
	Sector	% of Portfolio	YTD Return	Industrials	20
			Netum		15
State Str Instl Invt Tr Treas Mmkt Fd Inst	t	5.2		Information Technology	, 17
Keyence Corp	Information Technology	2.2	27.9		6
ASML Holding NV	Information Technology	2.2	16.9	Materials	6
SAP SE ADR	Information Technology	2.0	22.6	Materials	8
Check Point Software Technologies Ltd	Information Technology	1.8	29.1	Real Estate	0
Tecan Group Ltd	Health Care	1.8	21.6	Real Estate	4
Alibaba Group Holding Ltd ADR	Information Technology	1.6	60.5	Telecom Services	3
Aon PLC	Financials	1.5	19.8	Telecom Services	4
Givaudan SA	Materials	1.5	12.3	Utilities	0
Valeo SA	Consumer Discretionary	1.5	19.3	oundes	3
					0 5 10 15 20 25 30 35 40 45 50

Neuberger Berman International Equity

■MSCI EAFE Index



0.0 25.0 50.0 75.0 1000 Quarter YTD 1 Year 5 Years 10 Years

Peer Group: Open End Funds - U.S. - Foreign Large Growth

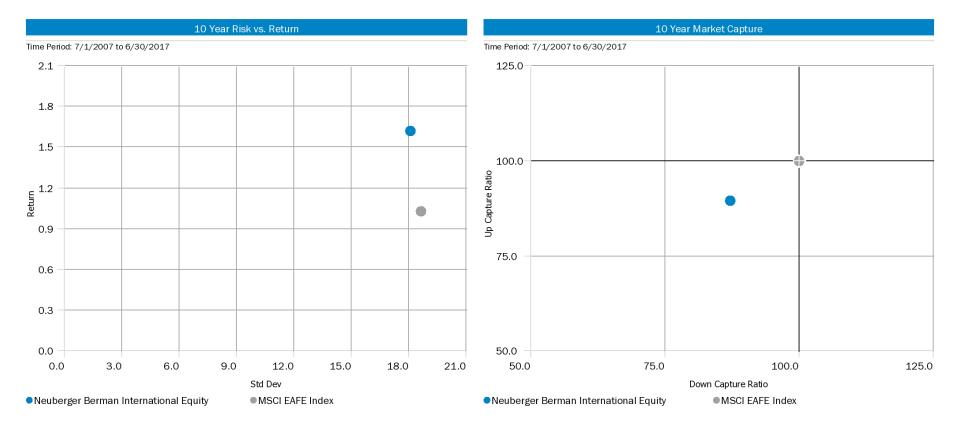
Neuberger Berman International Equity

MSCI EAFE Index

	Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years						
Neuberger Berman International Equity	7.2	15.1	18.4	8.7	1.6						
Peer group percentile	74	84	39	46	61						
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0						
Peer group percentile	91	94	26	47	78						
25th Percentile	8.9	19.6	20.4	9.6	3.1						
50th Percentile	7.9	18.0	17.3	8.6	2.0						
75th Percentile	7.2	15.8	15.5	7.6	1.1						



Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Neuberger Berman International Equity	3.8	-45.7	37.0	18.6	-11.7	18.8	18.0	-1.9	2.1	-1.1	15.1	3.3	8.7	1.6
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0





EARS

Sector Relative Performance: Total Effect Time Period: 1/1/2017 to 6/30/2017 1.1 Information Technology 0.9 Consumer Discretionary 0.3 Materials 0.1 Real Estate 0.1 Financials 0.0 Health Care -0.1 Utilities -0.2 Cash -0.2 Industrials -0.3 Energy -0.3 Telecommunication Services -0.5 Consumer Staples -1.0 -0.5 0.0 0.5 1.0 1.5

Top 5 Stock F	elative Performers		
	Relative Weights*	Return	Active Return
Alibaba Group Holding Ltd ADR	1.5	60.5	0.5
Samsonite International SA	1.1	48.7	0.4
Partners Group Holding AG	1.3	35.5	0.2
CTS Eventim AG & Co. KGaA	0.6	43.6	0.2
Sonova Holding AG	0.9	35.8	0.2
Bottom 5 Stock	Relative Performers	;	
	Relative Weights*	Return	Active Return
Home Capital Group Inc	0.5	-43.5	-0.5
Nielsen Holdings PLC	1.1	-6.4	-0.3
Koninklijke Ahold Delhaize NV	1.0	-6.9	-0.2
Peyto Exploration & Development Corp	0.7	-25.0	-0.2
Bezeg The Israeli Telecommunication Corp Ltd	0.9	-9.7	-0.2

Contribution/Attribution Detail

Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
10.6	18.3	2.0	12.4	10.6	1.3	0.1	0.8	0.9
9.2	12.7	1.2	11.2	17.7	2.0	-0.1	-0.4	-0.5
4.4	-10.0	-0.5	5.1	-2.2	-0.1	0.1	-0.4	-0.3
18.7	16.4	3.1	21.2	15.5	3.3	0.0	0.1	0.1
10.4	16.7	1.7	10.7	16.5	1.8	0.0	0.0	0.0
18.9	15.2	2.8	14.3	17.1	2.4	0.1	-0.4	-0.2
16.9	23.5	3.9	5.7	22.4	1.2	0.9	0.2	1.1
5.5	15.2	0.9	8.1	11.7	0.9	0.1	0.2	0.3
0.0		0.0	3.7	10.9	0.4	0.1	0.0	0.1
3.5	0.5	0.1	4.4	10.4	0.5	0.1	-0.4	-0.3
0.0		0.0	3.3	15.8	0.5	-0.1	0.0	-0.1
2.0	0.4	0.0	0.0		0.0	-0.2	0.0	-0.2
100.0	15.2	15.2	100.0	14.2	14.2	1.2	-0.2	1.0
	Weights 10.6 9.2 4.4 18.7 10.4 18.9 16.9 5.5 0.0 3.5 0.0 3.5 0.0 2.0	Weights         Return           10.6         18.3           9.2         12.7           4.4         -10.0           18.7         16.4           10.4         16.7           18.9         15.2           16.9         23.5           5.5         15.2           0.0         3.5           0.0         0.5           0.0         0.4	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\begin{array}{ c c c c c c } Weights & Return & Contribution & Weights & Return \\ 10.6 & 18.3 & 2.0 & 12.4 & 10.6 \\ 9.2 & 12.7 & 1.2 & 11.2 & 17.7 \\ 4.4 & -10.0 & -0.5 & 5.1 & -2.2 \\ 18.7 & 16.4 & 3.1 & 21.2 & 15.5 \\ 10.4 & 16.7 & 1.7 & 10.7 & 16.5 \\ 18.9 & 15.2 & 2.8 & 14.3 & 17.1 \\ 16.9 & 23.5 & 3.9 & 5.7 & 22.4 \\ 5.5 & 15.2 & 0.9 & 8.1 & 11.7 \\ 0.0 & & 0.0 & 3.7 & 10.9 \\ 3.5 & 0.5 & 0.1 & 4.4 & 10.4 \\ 0.0 & & 0.0 & 3.3 & 15.8 \\ 2.0 & 0.4 & 0.0 & 0.0 \\ \end{array}$	WeightsReturnContributionWeightsReturnContribution $10.6$ $18.3$ $2.0$ $12.4$ $10.6$ $1.3$ $9.2$ $12.7$ $1.2$ $11.2$ $17.7$ $2.0$ $4.4$ $-10.0$ $-0.5$ $5.1$ $-2.2$ $-0.1$ $18.7$ $16.4$ $3.1$ $21.2$ $15.5$ $3.3$ $10.4$ $16.7$ $1.7$ $10.7$ $16.5$ $1.8$ $18.9$ $15.2$ $2.8$ $14.3$ $17.1$ $2.4$ $16.9$ $23.5$ $3.9$ $5.7$ $22.4$ $1.2$ $5.5$ $15.2$ $0.9$ $8.1$ $11.7$ $0.9$ $0.0$ $0.0$ $3.7$ $10.9$ $0.4$ $3.5$ $0.5$ $0.1$ $4.4$ $10.4$ $0.5$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$	WeightsReturnContributionWeightsReturnContributionEffect10.618.32.012.410.61.30.19.212.71.211.217.72.0-0.14.4-10.0-0.55.1-2.2-0.10.118.716.43.121.215.53.30.010.416.71.710.716.51.80.018.915.22.814.317.12.40.116.923.53.95.722.41.20.95.515.20.98.111.70.90.10.00.03.710.90.40.13.50.50.14.410.40.50.10.00.03.315.80.5-0.12.00.40.00.00.0-0.2-0.2	WeightsReturnContributionWeightsReturnContributionEffectEffect $10.6$ $18.3$ $2.0$ $12.4$ $10.6$ $1.3$ $0.1$ $0.8$ $9.2$ $12.7$ $1.2$ $11.2$ $17.7$ $2.0$ $-0.1$ $-0.4$ $4.4$ $-10.0$ $-0.5$ $5.1$ $-2.2$ $-0.1$ $0.1$ $-0.4$ $18.7$ $16.4$ $3.1$ $21.2$ $15.5$ $3.3$ $0.0$ $0.1$ $10.4$ $16.7$ $1.7$ $10.7$ $16.5$ $1.8$ $0.0$ $0.0$ $18.9$ $15.2$ $2.8$ $14.3$ $17.1$ $2.4$ $0.1$ $-0.4$ $16.9$ $23.5$ $3.9$ $5.7$ $22.4$ $1.2$ $0.9$ $0.2$ $5.5$ $15.2$ $0.9$ $8.1$ $11.7$ $0.9$ $0.1$ $0.2$ $0.0$ $0.0$ $3.7$ $10.9$ $0.4$ $0.1$ $0.0$ $3.5$ $0.5$ $0.1$ $4.4$ $10.4$ $0.5$ $0.1$ $-0.4$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$ $0.0$

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time Baried: 1/1/2017 to 6/20/2017



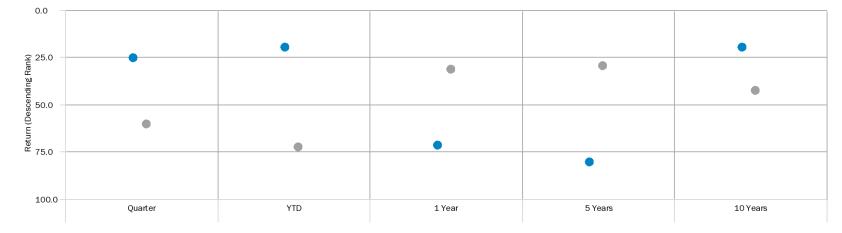
	Regional Allocation (%	)		Sector Allocation (%)						
	Ma	nager	Index	Concurrer Discretionen	18					
North America		16.4	1.2	Consumer Discretionary	12					
Latin America Emerging		4.1	0.0							
United Kingdom		14.0 51.0	17.2 45.2	Consumer Staples	16					
Europe Developed Europe Emerging		0.0	45.2 0.0		12					
Africa/Middle East		1.5	0.6	Energy	4					
Japan		10.8	23.5	Energy	5					
Australia/New Zealand		0.0	7.1		18					
Asia Developed		0.1	4.6	Financials	21					
Asia Emerging		2.2	0.5							
				Healthcare	20					
	Top Ten Holdings				11					
	Sector	% of	YTD	Industrials	10					
	3600	Portfolio	Return	madoanalo	15					
Las Vegas Sands Corp	Consumer Discretionary	5.9	22.4	Information Technology	6					
Schlumberger Ltd	Energy	3.5	-20.4		6					
Wynn Resorts Ltd	Consumer Discretionary	2.9	56.2	Materials	3					
Shire PLC	Health Care	2.9	-4.4		8					
Bayer AG	Health Care	2.6	26.4	Real Estate	4					
Fanuc Corp	Industrials	2.5	14.5		4					
Heineken NV	<b>Consumer Staples</b>	2.3	30.4	Telecom Services	0					
Tokio Marine Holdings Inc	Financials	2.3	2.2		4					
Novartis AG	Health Care	2.3	18.2	Utilities	0					
Vivendi SA	Consumer Discretionary	2.3	19.1		3					
					0 5 10 15 20 25 30 35 40 45 50					

Harbor International

■MSCI EAFE Index



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Peer Group: Open End Funds - U.S. - Foreign Large Blend

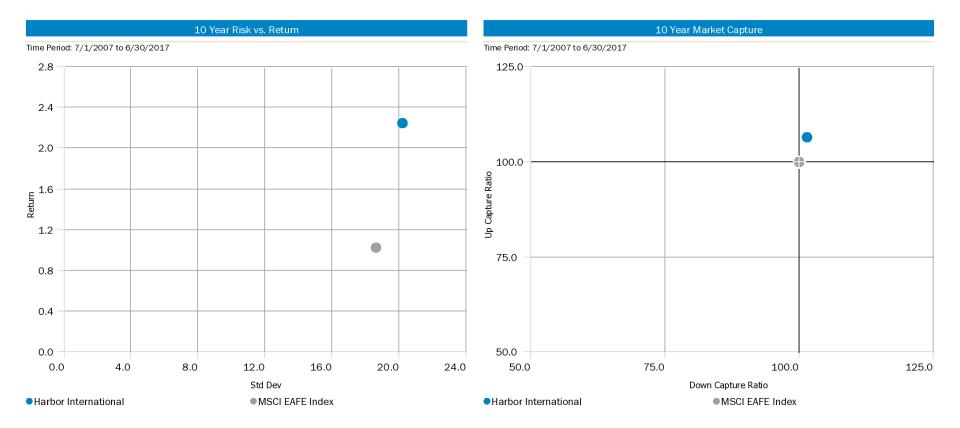
Harbor International

MSCI EAFE Index

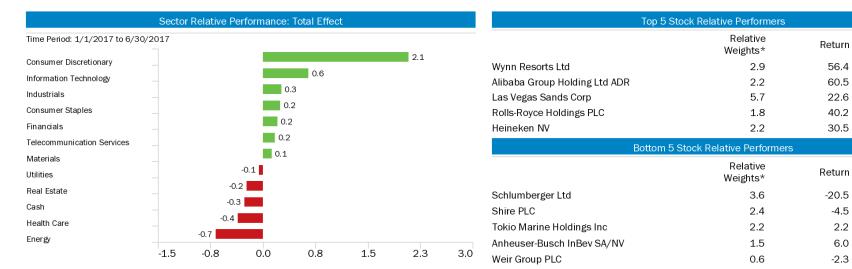
Trailing Returns (%)										
	Quarter	YTD	1 Year	5 Years	10 Years					
Harbor International	6.8	16.1	17.8	6.8	2.2					
Peer group percentile	25	19	71	80	19					
MSCI EAFE Index	6.1	13.8	20.3	8.7	1.0					
Peer group percentile	60	72	31	29	42					
25th Percentile	6.8	15.7	20.9	8.8	1.8					
50th Percentile	6.3	14.6	19.3	7.9	0.8					
75th Percentile	5.8	13.6	17.3	7.0	0.0					



	Returns (%)													
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	21.8	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.3	16.1	0.0	6.8	2.2
MSCI EAFE Index	11.2	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	13.8	1.1	8.7	1.0







Contribution/Attribution Detail

Time Period: 1/1/2017 to 6/30/2017									
	Portfolio	Portfolio	Portfolio	Index	Index	Index	Allocation	Selection	Active
	Weights	Return	Contribution	Weights	Return	Contribution	Effect	Effect	Return
Consumer Discretionary	17.0	24.0	4.0	12.4	10.6	1.3	-0.2	2.2	2.1
Consumer Staples	16.3	18.3	3.0	11.2	17.7	2.0	0.2	0.1	0.2
Energy	4.2	-18.8	-0.9	5.1	-2.2	-0.1	0.2	-0.8	-0.7
Financials	18.4	16.8	3.1	21.2	15.5	3.3	0.0	0.2	0.2
Health Care	19.4	13.6	2.7	10.7	16.5	1.8	0.2	-0.6	-0.4
Industrials	9.5	21.5	2.0	14.3	17.1	2.4	-0.1	0.4	0.3
Information Technology	5.8	34.3	1.9	5.7	22.4	1.2	0.0	0.6	0.6
Materials	3.8	12.1	0.5	8.1	11.7	0.9	0.1	0.0	0.1
Real Estate	3.7	5.2	0.2	3.7	10.9	0.4	0.0	-0.2	-0.2
Telecommunication Services	0.0		0.0	4.4	10.4	0.5	0.2	0.0	0.2
Utilities	0.0		0.0	3.3	15.8	0.5	-0.1	0.0	-0.1
Cash	1.9	0.4	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	16.3	16.3	100.0	14.2	14.2	0.2	2.0	2.1

\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct

Time - Device de 4 (4 (0047 de 0 (0047



Active

Return

1.2

0.7

0.7

0.4

0.3

Active

Return

-0.8

-0.5

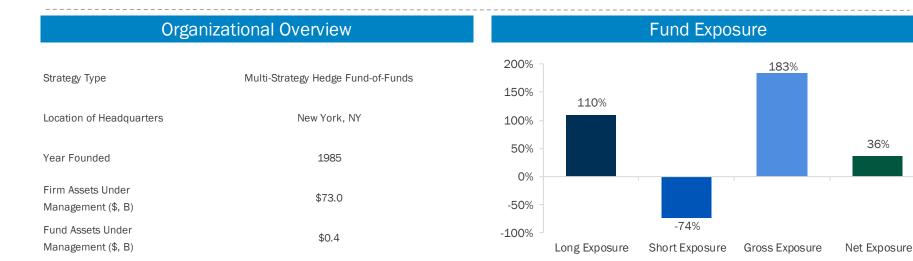
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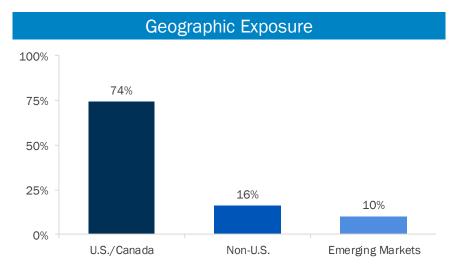
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# Hedge Fund-of-Funds Overview: Blackstone Hedged Equity

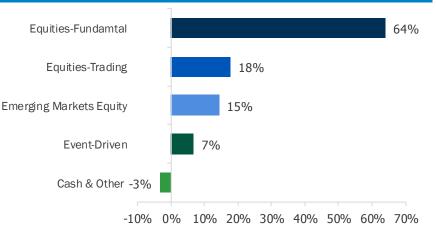
As of 6/30/2017





## Strategy Exposure

36%



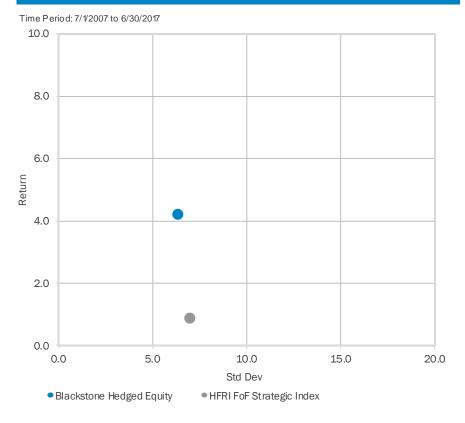
Note: All data provided by the investment manager.



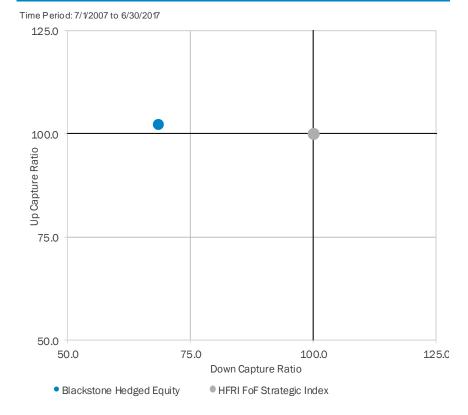
## Blackstone Hedged Equity As of 6/30/2017

Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Blackstone Hedged Equity	18.9	-19.3	14.7	8.0	-0.4	10.2	14.9	6.2	2.5	-3.5	5.1	2.1	5.9	4.2
HFRI FoF Strategic Index	12.8	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	5.3	1.8	4.5	0.9

#### 10 Year Risk vs. Return



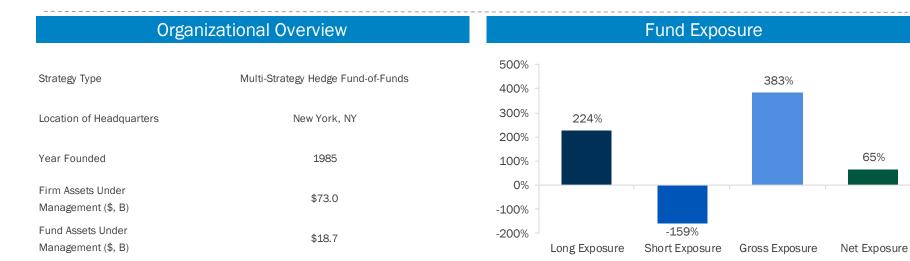
#### 10 Year Market Capture

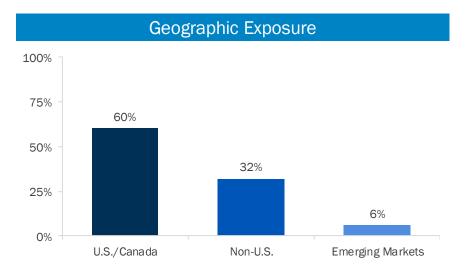


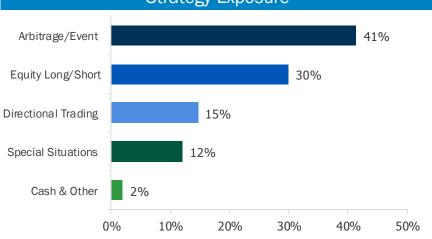


## Hedge Fund-of-Funds Overview: Blackstone Partners

As of 3/31/2017







### Strategy Exposure

Note: All data provided by the investment manager.

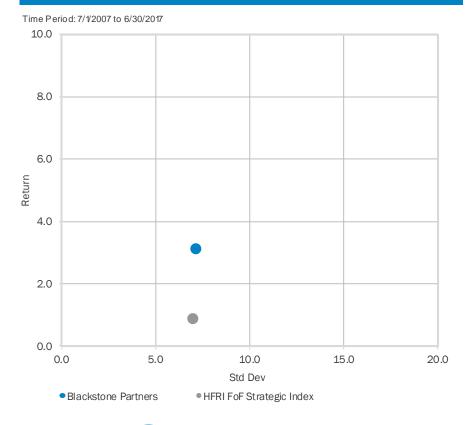
Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## Blackstone Partners As of 6/30/2017

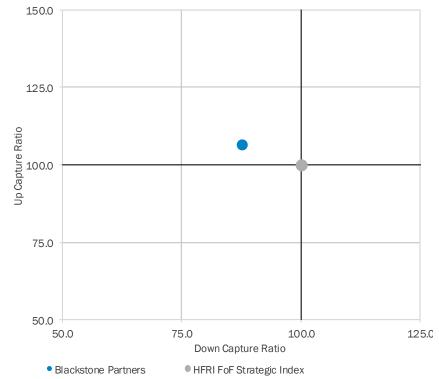
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Blackstone Partners	12.9	-24.6	13.1	6.8	-1.0	10.2	17.9	8.9	1.3	-5.0	6.8	1.6	6.9	3.1
HFRI FoF Strategic Index	12.8	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	5.3	1.8	4.5	0.9

#### 10 Year Risk vs. Return



#### 10 Year Market Capture

Time Period: 7/1/2007 to 6/30/2017





This presentation is accompanied by additional disclosures which can be found on the last pages. All information herein is confidential and proprietary.

## Fixed Income Overview: MetWest Low Duration As of 3/31/2017

Portfolio Characteristics	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)	Maturity Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Duration	1.6 yrs	1.9 yrs	0-1 Years	25%	0%
	0.2	1.0	1-3 Years	53%	100%
Average Maturity	2.3 yrs	1.9 yrs	3-5 Years	12%	0%
Average Quality		AAA	5-10 Years	9%	0%
	0.00%	4.0%	10-20 Years	1%	0%
Yield to Maturity	2.2%	1.3%	20+ Years	0%	0%

Sector Allocation	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Cash	8%	0%
U.S. Treasury	26%	100%
Direct Agency	0%	0%
Agency Mortgages	8%	0%
Non-Agency Mortgages	14%	0%
CMBS	9%	0%
Asset-Backed	8%	0%
Investment Grade Corp.	28%	0%
Non-Investment Grade Corp.	0%	0%
Municipals	0%	0%
Non-U.S.	0%	0%
Other	0%	0%

Quality Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
AAA	55%	100%
AA	8%	0%
A	22%	0%
BBB	12%	0%
Below Investment Grade	3%	0%
Other	0%	0%

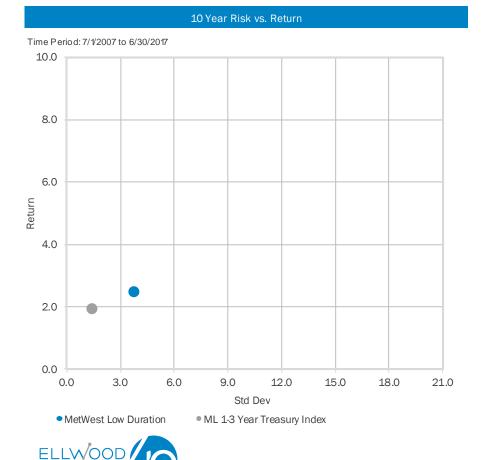
Note: All data provided by the investment manager.

Data is as of March 31, 2017. Data as of June 30, 2017 is not yet available.



## MetWest Low Duration As of 6/30/2017

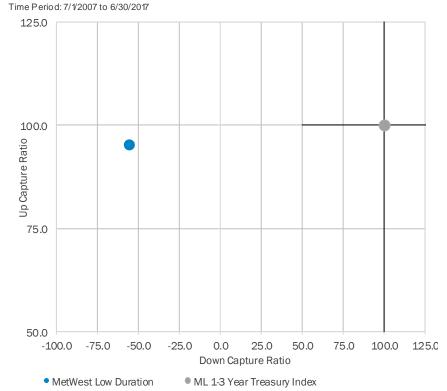
Returns (%)														
	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Low Duration	2.7	-14.6	15.3	10.6	1.2	7.9	2.0	1.6	0.4	1.5	0.9	1.0	2.1	2.5
ML 1-3 Year Treasury Index	7.3	6.6	0.8	2.3	1.6	0.4	0.4	0.6	0.5	0.9	0.4	0.7	0.6	1.9



Y E A R S

### 10 Year Market Capture

\_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_



# **Investment Program Fee Review**



## **OPEB Retirement Trust Investment Program Fee Summary**

Style	Fund	Market Value (\$, M)	Management Fee	Projected Annual Fee (\$)	Morningstar Average Expense Ratio
Large Cap Core Equity	Vanguard 500 Index Fund	\$6.2	0.04%	\$2,475	1.00%
Mid Cap Growth Equity	Artisan Mid Cap Fund	\$1.6	1.19%	\$18,837	1.12%
Small Cap Value Equity	DFA Targeted Value SCV	\$1.7	0.37%	\$6,189	1.19%
International Equity	Neuberger Berman International	\$3.1	0.85%	\$26,662	1.12%
International Equity	Harbor International	\$3.1	0.71%	\$21,871	1.12%
Hedge Funds	Blackstone Park	\$2.2	1.25%	\$27,871	1.70%
Hedge Funds	Blackstone Hedged Equity	\$2.0	1.25%	\$24,792	1.70%
Fixed Income	TCW MetWest Low Duration	\$4.5	0.39%	\$17,495	0.70%
Money Market	Fidelity Prime Money Market	\$3.0	0.18%	\$5,417	0.13%
Total		\$27.4	0.55%	\$151,609	1.01%



# Endnotes

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  and the closing price of any given security. Furthermore, the contribution to return does not directly take into account manager fees.



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# Endnotes

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