

## Notice of Meeting and Agenda

**Audit, Finance & Administration Committee  
Friday, August 24, 2018, 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 Holman
2.	Roll Call	Quorum	S. Bryant
3.	Public Comment	Information	Chair Holman
4.	Audit, Finance & Administration Committee and Operations Committee Open Session Minutes: May 18, 2018	Approval	Chair Holman
5.	Contract Modification: Additional Funds for Voluntary Critical Illness and Accident Insurance Program	Approval	D. Toben/ A. Dunn
6.	Contract Award: Independent Audit Services	Approval	M. Vago/ G. Smith
7.	Contract Award: Light Vehicle Leasing & Maintenance Program	Approval	L. Jackson
8.	State Safety Oversight – Internal Audit Process	Approval	J. Cali
9.	Internal Audit Status Report – 4 <sup>th</sup> Quarter FY2018	Information	J. Cali
10.	Internal Audit Follow-Up Summary – 4 <sup>th</sup> Quarter FY2018	Information	J. Cali
11.	Treasury-Safekeeping Quarterly Accounts Audit – Ending June 30, 2018	Information	J. Cali
12.	4 <sup>th</sup> Quarter Financial Statements	Information	C. Welch/M. Gibbs C. Stewart
13.	4 <sup>th</sup> Quarter Performance Indicators	Information	C. Welch/M. Gibbs
14.	4 <sup>th</sup> Quarter Treasury Report	Information	T. Fulbright
15.	4 <sup>th</sup> Quarter Procurement Report	Information	G. Smith
16.	Pension Plans, 401(k) Retirement Savings Program and OPEB Trust Investment Performance Update as of June 30, 2018	Information	C. Stewart
17.	FY19 Update on Risk Management Insurance Program	Information	K. Brittin/K. Kloeber
18.	Unscheduled Business	Approval	Chair Holman



Agenda	Disposition	Presentation
19. Call of Dates for Future Committee Meetings	Information	S. Bryant
20. Adjournment to Executive Session <i>If such action is approve 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).</i>	Approval	Chair Holman

**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  
AND OPERATIONS COMMITTEE MEETING  
OPEN SESSION MINUTES  
May 18, 2018**

**Audit, Finance & Administration Committee**

**Members in Attendance**

Aliah Holman, Chair  
Constance Gully (absent)  
Vince Schoemehl (absent)  
Jeffrey Watson (absent)  
Justin Zimmerman

**Operations Committee**

**Members in Attendance**

Michael Buehlhorn, Chair  
Vernal Brown (absent)  
Constance Gully (absent)  
Derrick Cox (absent)  
Irma Golliday (via phone)

**Staff in Attendance**

John Nations, President and Chief Executive Officer  
Barbara Enneking, General Counsel and Deputy Secretary  
Shirley Bryant, Certified Paralegal  
Jim Cali, Director of Internal Audit  
Larry Jackson, Executive Vice President for Administration  
Barbara Georgeff, Director of Executive Services  
Patti Beck, Director Communications  
Brenda Krieger, Executive Assistant  
Mark Vago, Sr. Vice-President and Chief Financial Officer  
Lisa Burke, Executive Assistant  
Kathy Klevorn, former Sr. Vice-President and Chief Financial Officer  
James Schifferdecker, Director Passenger Revenue  
Michael Gibbs, Manager Financial Operation-Admin & Business Operation  
Tammy Fulbright, Director Treasury Services  
Charles Stewart, Vice President Pension & Insurance  
Scott Grott, General Manager MetroLink  
Kent Swagler, Director Corporate Compliance & Ethics  
Kelli Fitzpatrick, Sr. Internal Auditor, Part-time  
Angela Staicoff, Sr. Internal Auditor  
Kathy Brittin, Director Risk Management, Safety & Claims  
John Langa, Vice President Economic Development  
Greg Smith, Vice President Procurement & Inventory Management  
Anita Dunn, Health and Welfare Plan Manager  
Janis Clodfelter, Benefit Specialist II  
Kerry Kinkade, Vice President Chief Information Officer  
Virginia Alt-Hildebrandt, Manager Administrative Services  
Gary Smith, Financial Analyst I  
Charles Priscu, Director Labor Relations  
Diana Bentz, Vice President Organizational Effectiveness  
Tim Nittler, Director Capital Projects  
Dave Sanders, Sr. Director Marketing & Partnerships  
Evan Glantz, Senior Administrative Assistant



**Others in Attendance**

Brad Schelle, Crowe Horwath

Jeff White, Columbia Capital Management

Jason Terry, Gilmore & Bell

**1. Call to Order**

**8:00 a.m.** Chair Holman called the combined Open Session Audit, Finance and Administration Committee and Operations 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 were no public comments.

**4. Audit, Finance and Administration Committee Open Session Minutes: March 27, 2018**

**8:01 a.m.** The March 27, 2018 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 Buehlhorn and seconded by Commissioner Zimmerman. **Motion passed unanimously.**

**5. Operations Committee Open Session Minutes: March 13, 2018**

**8:02 a.m.** The March 13, 2018 Open Session Operations Committee Meeting minutes were provided in the Committee packet. A motion to approve the minutes as presented was made by Commissioner Golliday and seconded by Commissioner Buehlhorn. **Motion passed unanimously.**

**6. Conduit Bond Financing for Merchants Bridge Project**

**8:02 a.m.** A briefing paper, together with a draft resolution, regarding the Conduit Bond Financing for Merchants Bridge Project was provided in the Committee packet. Jeff White, Columbia Capital Management LLC, and Jason Terry, of Gilmore & Bell made a brief presentation. Mr. White gave an overview of the process stating that this resolution would authorize the issuance of up to \$250 million conduit financing on behalf of the Terminal Railroad Association of St. Louis (**"TRRA"**). TRRA approached the Agency with a request to issue bonds on its behalf in order to facilitate the reconstruction of the Merchants Bridge (**the "Bridge"**). The Bridge is incredibly important as a crossing of the Mississippi River for railroad traffic nationally, and is 128 years old and ready to be replaced. The proposal would have BSD issue the bonds as a conduit financing of BSD. The TRRA (through its member railroads) will be obligated on the repayment of the bonds. All costs associated with the financing will be borne by TRRA. BSD would not be obligated to repay the bonds if the money for the repayment is not received by BSD from the TRRA, and the bondholders would have the right to look only to the loan payments BSD receives from TRRA as a source of payment of the principal and interest on the bonds. BSD previously served as a conduit issuer for the MetroLink extension to Scott Air Force Base. In response to questions from the committee, Mr. White said that BSD has limited risk in the event of a TRRA default in payment on the bonds, which risk is really what he described as an "intangible risk", namely having defaulted bonds issued in the name of BSD. Mr. White stated that the proposed issuance, even in the event of a default on repayment, would not create any loss of market access or credit rating changes for BSD's other existing or potential borrowing programs. Mr. White also said that the reconstruction of the



Merchants Bridge is not a BSD project and BSD does not and will not own the Merchants Bridge. Mr. White was questioned about the amount of the bond issuance, in response to which he said that the exact amount is unknown because of some outstanding grant applications and other financing scenarios which have not been determined but that are expected to be determined by the time of the BSD Board meeting on June 22. The reason TRRA has asked the Agency to do this financing on their behalf is because this is a Freightway priority and Agency participation will help to facilitate the administration of this project. This is a great opportunity for the Agency to promote the Freightway and to provide a service for a regional partner, with no risk. The TRRA will pay all transaction costs incurred by the Agency.

Mr. Terry continued the discussion stating that this resolution authorizes the issuance of up to \$250 million of conduit bonds, which is similar to the structure the Agency has used for borrowing for its own bonds. The resolution authorizes the Executive Committee to approve, at a later date, the final bond documents and the final terms of these bonds. It also authorized the Officers of the Agency to sign the necessary bond documents. This process is substantially similar to the bond resolutions that the Agency has considered in the past for its own bonds.

Mr. White stated that a Committee recommendation for approval was required to refer this matter to the full Board for final approval. The initial financing is expected to take place later this summer. There may be one financing or there may be more, depending upon whether or not TRRA is successful in securing a large loan and/or a grant for the project from the federal government.

John Nations thanked Mr. White and Mr. Terry for their presentation and added that having the opportunity and the ability to do things like this is one of the reasons the Agency was selected to be the Regional Freightway. In addition, the Agency would receive a fee for issuing the bonds. We have discussed many times using our entities to generate alternate forms of revenue. This is an opportunity to advance what has been identified as the region's number one infrastructure project, which is the approximately 128 year old Merchants Bridge. That Bridge is within 10 years of being decertified, and there is not enough capacity on the McArthur Bridge to move all the freight across the Mississippi river. It is not 100% certain that the Agency will do this, but the approval today would allow the conversation to continue and to be in a position to move forward when ready. A motion to approve this agenda item as presented was made by Commissioner Zimmerman and seconded by Commissioner Buehlhorn. **Motion passed unanimously.**

**7. Sole Source Contract Award for Farebox System Maintenance**

**8:11 a.m.** A briefing paper regarding the Sole Source Contract Award for Farebox System Maintenance was provided in the Committee packet. Kerry Kinkade, Vice President Chief Information Officer, and Greg Smith, Vice President Procurement & Inventory Management, provided a brief overview. Mr. Kinkade requested Committee approval to forward this agenda item to the full Board for final approval of the sole source contract with Scheidt and Bachmann for the Farebox Management System. This system was contracted in 2011 and installed through 2013, and is now fully operational. It is a reasonably complicated system with a lot of components; there are 472 fareboxes in the system and 14 cash receiver systems. There are systems at each garage that control the facility equipment, and there is a back end system that collects, correlates, and allows the revenue staff to control the fareboxes. In addition, the system must interact and interface with the onboard Trapeze AVL System, and the Indra SmartCard System. The farebox operation, the cash collection, and the revenue management are all critical operations for the Agency, and the proprietary nature of the system requires support from Scheidt and Bachmann only. Mr. Kinkade



advised that the Agency has negotiated with this vendor and the resulting contract is a \$1,648,000 commitment over five years with annual payments of \$336,000 per year, which is a reasonable contract given the scope of the system and the general software system guidelines.

Some discussion continued regarding future possibilities of changing the entire system. Mr. Kinkade assured the Committee that there was no immediate future need to change the system. The farebox system typically stays in use for 10 to 15 years and is currently very stable. The entire fleet was recently converted to the onboard AVL system and it is not anticipated that it would be changed anytime soon. The Indra SmartCard system is just getting on its feet so it would not be changed within the next five years either. If and when the equipment is replaced, the Agency may want to consider a single supplier for the entire network.

Larry Jackson, Executive Vice President for Administration, informed the Committee of an error in the briefing paper, second paragraph under "Board Policy" which shows sole source procurement totaled 9.6% of all procurements over the last four quarters. The correct percentage should be 11.9%. A motion to approve this agenda item as presented was made by Commissioner Golliday and second by Commissioner Buehlhorn. **Motion passed unanimously.**

**8. Sole Source Contracts for Hardware and Software Maintenance**

**8:17 a.m.** A briefing paper regarding the Sole Source Contracts for Hardware and Software Maintenance was provided in the Committee packet. Greg Smith, Vice President Procurement and Inventory Management, provided a brief overview. Bi-State Development (BSD) has made significant investments in technology platforms to enhance all aspects of its business. Each of these systems require continued support from the manufacturer/developers to ensure the software functions as expected and remains current with technology updates. When software products are initially licensed and deployed, BSD enters into software maintenance agreements with the manufacturers/developers to ensure the necessary support is available. BSD's total operating budget allocates approximately \$2.8 million for costs associated with hardware and software maintenance. Kronos, Oracle and Trapeze equates to just shy of \$2 million of that total. Kronos is used for employee timekeeping, Oracle is for the Financial ERP System, and Trapeze is the Operations and Customer Service system. Several years ago the Board requested that these presentations be consolidated so they could be presented all at once. This presentation is done so that individual presentations do not have to be given throughout the year. Of the many contracts needed throughout the year for hardware and software maintenance, only three of them exceed the \$100,000 sole source Board approval level. Larry Jackson, Executive Vice President for Administration informed the Committee of an error in the briefing paper, second paragraph under "Board Policy" which shows sole source procurement totaled 9.6% of all procurements over the last four quarters. The correct percentage should be 11.9%.

A motion to approve this agenda item as presented was made by Commissioner Zimmerman and seconded by Commissioner Buehlhorn. **Motion passed unanimously.**

**9. Contract Award: Employee Vision Plan Services**

**8:20 a.m.** A briefing paper regarding the Contract Award for Employee Vision Plan Services was provided in the Committee packet. Charles Stewart, Vice President Pension & Insurance, provided a brief overview. This is a competitive negotiated bid and EyeMed was the successful bidder. This is an expenditure of \$700,000 over the course of this contract. Although this is not a budgeted item, BSD pays the bill and collects the money from the employees who participate in the vision



plan. Mr. Stewart introduced Anita Dunn, Health & Welfare Plan Manager, to provide additional information. Ms. Dunn stated that the standard RFP process was done in conjunction with the Procurement Department and with Gallagher, the Health & Welfare Plan consultant, to replace the current contract, which expires at the end of 2018. The new contract will be effective January 1, 2019, with 3 base years and 2 option years. Seven vendors were solicited and 3 bids were received. They were analyzed against various criteria and EyeMed was the highest ranking of the vendors. EyeMed offered a 15% rate reduction for years 1 through 3, with an opportunity for an additional 5% rate reduction in years 4 and 5, if BSD's loss ratio is at 65% or better on August 1 of year 3. We are currently at about 60%, so it is certainly an achievable goal. This vendor offers hearing aid discounts and a freedom pass, which is a voucher for a free set of frames at certain vendors for all enrolled participants. This is fully funded by the employees through payroll deduction, and Mr. Stewart said there is no cost to BSD; all monies are collected from the employees for this program. Based on all the information management's recommendation is for the Committee to approve this agenda item and forward it to the full Board for final approval. A motion to approve this agenda item as presented was made by Commission Buehlhorn and seconded by Commissioner Zimmerman. **Motion passed unanimously.**

10. **Contract Award: Gateway Arch Public Relations and Communications Agency Services**  
**8:25 a.m.** A briefing paper regarding the Contract Award for the Gateway Arch Public Relations and Communications Agency Services was provided in the Committee packet. In Jenny Nixon's absence, Dave Sanders, Sr. Director Marketing & Partnerships, provided a brief presentation. A solicitation was issued on January 29, 2018, for Gateway Arch Public Relations and Communications Agency Services. These services are essential for BSD to interact effectively in a highly matrixed partnership in order to ensure strategic, proactive, and seamless communications to the general public as well as local, regional, and national media. Two proposals were received, evaluated and scored. Management requests the Committee's recommendation for Board approval to enter into a contract with the highest ranking firm, Common Ground Public Relations, in a not to exceed amount of \$572,000. This amount includes a 10% contingency for potential unforeseen activities and events; as well as to award monetary and administrative contract modifications as needed.

**\*\*8:26 a.m. Jenny Nixon joined the meeting.**

Jenny Nixon, Executive Director Tourism Innovation, informed the Committee that the Gateway Arch hosted the hospitality industry on Friday; and that was the largest turnout they have ever had for the St. Louis Attractions Association Tourism luncheon. Ms. Nixon added that the Board would be receiving a save the date postcard for July 2. Ms. Nixon asked for Committee approval to forward this agenda item to the full Board for final approval. A motion to approve this agenda item as presented was made by Commissioner Zimmerman and seconded by Commissioner Buehlhorn. **Motion passed unanimously.**

11. **Contract Award for Eight Full Size Sedans**  
**8:30 a.m.** A briefing paper regarding the Contract Award for Eight Full Size Sedans was provided in the Committee packet. Greg Smith, Vice President Procurement & Inventory Management, provided a brief overview. BSD uses a variety of non-revenue support vehicles. The current fleet consists of approximately 62 full size sedans out of approximately 210 total support vehicles. The replacement plan for FY18 calls for 16 vehicles, 16 years or older or above 160,000 miles to be replaced. Fourteen full sized sedans fall into that category. Funding was identified for eight, and



a request for a quote was issued to 12 dealers, and only one bid was received. Only a single bid was received at \$21,390 each for a total of \$171,000, which is less than the state of Missouri paid for full sized sedans at \$21,649 so management recommends approval. Some discussion followed regarding the use of the vehicles. Mr. Jackson stated that BSD is in the process at looking at the fleet vehicle procedures and replacements. We currently have an RFP issued for a fleet management agreement where the vehicles will be totally maintained and we can turn them over a little more efficiently than we are doing today. Part of that process of making the transition to a fleet management program will be a review of all placements to make sure we only have vehicles that are absolutely necessary. A motion to approve this agenda item as presented was made by Commissioner Zimmerman and seconded by Commissioner Buehlhorn. **Motion passed unanimously.**

**12. FY2019 Annual Audit Work Plan and Risk Assessment**

**8:35 a.m.** A briefing paper regarding the FY2019 Annual Audit Work Plan and Risk Assessment was provided in the Committee packet. Jim Cali, Director of Internal Audit, provided a brief overview. In accordance with Board Policy, the Internal Audit Department (**IAD**) is responsible for preparing an Annual Audit Work Plan. The FY19 Audit Work Plan concentrates on the auditable units associated with grants, passenger revenue, payments and performance of contract services. The Plan confirms compliance with the relevant professional standards for IAD. The scope of the Annual Work Plan is designed to address key risk areas such as Corporate Systems, Support Systems, and Operational Systems. In preparing the audit program, many managers throughout the Agency were asked for their suggestions and areas for improvement. Over 14 individual submissions for audits were received, which have been reflected in this annual audit program. Passenger revenue activities were looked at as part of the high concentration of cash and revenue, high dollar volumes, as well as vendor contracts. The risk assessment used by IAD helps focus efforts on high risk areas, allowing for proper planning, ensuring that the audit resources are focused on those areas needing the greatest attention, and providing the best value to BSD's management.

Commissioner Holman asked if any of the 14 audits submitted were new issues. Mr. Cali responded that some are new and others are variations of old audits, because business processes had changed. IAD is concentrating on the high dollar vendor contracts. In addition to reviewing financial audits, IAD reviews compliance audits, operational audits, and safety and security audits that are required by the FTA. A motion to approve this agenda item as presented was made by Commissioner Golliday and seconded by Commissioner Buehlhorn.

**13. 3<sup>rd</sup> Quarter Financial Statement**

**8:40 a.m.** The 3<sup>rd</sup> Quarter Financial Statement report was provided in the Committee packet. Mark Vago, Sr. Vice-President and Chief Financial Officer and Michael Gibbs, Manager Financial Operation-Admin & Business Operation provided a brief overview. Mr. Gibbs informed the Board that this presentation will also include the Performance Indicators.

Executive Services business unit is composed mostly of revenue of management assessments from the BSD business units and the National Park Service. During the last nine (9) months their revenue increased 9.5%, which is \$3.1 million and their expense was \$2.9 million, primarily due to wages and benefits with a year over year increase in personnel. The income before depreciation was \$137,000.



Gateway Arch has seen a ridership increase year over year of 39%, and we are anticipating the ridership number to increase. The revenue for the year to date is \$5.3 million, which is a 39% increase over last year. Their expenses are \$5.2 million which is a 19.9% increase, mostly due to increased staffing and also increased advertising expense. The contribution to outside entities was \$909,000, and that is primarily a National Park Service (NPS) request for rehabilitation money for the Gateway Arch Projects. Income before depreciation was \$73,000.

Riverfront Attractions has had a good year so far, the passenger experience is up 11% and they have added 18 cruises this year over last year. There seems to be an increased interest in charter cruises. Their revenue of \$1.9 million is up 6.9% over last year. Their expenses of \$1.8 million is up 2.9% over last year. One of their largest expenses is material, supplies and staffing as they have more participation and more cruises. Income before depreciation is \$183,000.

St. Louis Downtown Airport has a total revenue of \$1.2 million or a 7% increase over last year. Their fuel sales are greater than last year by 3%. Their aircraft movements over last year have decreased but their base aircraft of 313 units has stayed steady for the last two quarters. Their total expenses of \$1.1 million is 6.2% over last year, which leaves them with \$89.8 thousand dollar income before depreciation. They sold a hangar during this last nine months for \$1.3 million which gave a gain of \$24,000. The balance sheet will show a large change in cash year over year and that is where this money is; and it can be used for operating expenses.

Mr. Vago discussed Metro statistics and financial information. Metro Transit for the first 9 months of the year had revenue of \$230 million. Passenger revenue of \$31.1 million that is down 7% compared to last year. Ridership is down 9%, ridership through the first nine (9) months is \$28.2 million in boardings. A year ago at this time it was \$31 million, and two years ago it was \$33 million. Metro Transit has contractual revenue coming in from the City of St. Louis, the County of St. Louis, and St. Clair County, of \$27 million, \$107 million and \$41 million respectively. Expenses are \$221.7 million for the first nine (9) months, with about 65% in wages and benefits. Services is \$420 million which is consistent with last year. Materials and supplies of \$18 million. There was some MetroBus engine rebuilds and fuel injectors that were not anticipated which leaves an income before depreciation of \$8 million compared to last year.

St. Louis Regional Freightway total revenue year to date is \$105,000. Their total expenses were \$563,000 with a loss before depreciation of \$457,000. They are continuing to forge agreements, to promote inland trade along the Mississippi, and to advance freight industries and freight movement within the area.

Bi-State Development Research Institute had total revenue of \$371,000, and \$218,000 of that is awards in grant funding and \$150,000 of that is in kind contributions provided by BSD for office services and personnel. The expenses are \$247,000, resulting in income before depreciation of \$123,000. The Research Institute also received the 5<sup>th</sup> Annual Argus Award for achievement in public policy and recognizing its work in addressing regional issues related to health cost and fresh food needs in the area, which is all part of the kiosk program.



Arts in Transit had a total income of \$186,000, and \$33,000 of that is grants and funding, and \$153,000 is in kind contributions by BSD. Total expenses are \$172,000 primarily for the payment of artists, licensing, and wares. Under the leadership of David Allen, the MetroScape local artist contest received 143 entries and 10 of them are now on display in 200 bus shelters all over the Metro Transit system.

Commissioner Holman asked if Metro numbers show that ridership is down 9% and passenger revenue is down, does that mean that there is greater farebox recovery. In response, Mark Vago said farebox recovery has been going down, our average fare is staying pretty much flat, but we are seeing an increase in our contractual revenue with St. Louis City and St. Louis County that is offsetting passenger revenue decrease at this time.

Commissioner Zimmerman questioned that if there is a \$49 to \$50 million loss, is that mainly because of depreciation or is that loss mainly on paper at this point. Mr. Vago said we probably have on an annual basis \$60 to \$70 million in depreciation, which in our case unlike a for profit that has to fund their assets at 100%, BSD only has to fund a portion of that for the local match and about 80% of that is funded through federal funds. So that is why we look at it before depreciation.

Mr. Gibbs continued his presentation discussing the Self-Insurance Funds. The Health Insurance Division received revenue of \$23 million which is a 4.5% increase over last year. The expenses were \$28 million, which is a 28.5% increase over last year. The loss before transfers was \$5.2 million. The main driver of this is that the revenue is received through the employees, by using the headcount rate from our third party actuary. That rate is not meeting the actual expenses that we are incurring.

Self- Insurance Casualty Division has revenue of \$4.2 million which is an 8% increase over last year. Their expenses for this year are flat, year over year at \$3.4 million, and income before transfers is \$743,000.

Workers Compensation total revenue is \$6.6 million that is a 74% increase over last year. The expenses are \$5.4 million, a 33% increase over last year, and income before transfers is \$1.1 million.

This presentation was informational only and no Committee action was required. A copy of this report will be kept at the office of the Deputy Secretary.

**14. 3<sup>rd</sup> Quarter Performance Indicators**

**8:49 a.m.** The 3<sup>rd</sup> Quarter Performance Indicators report was provided in the Committee packet. This agenda item was discussed during the presentation of agenda item 13. This was informational only and no Committee action was required. A copy of this report will be kept at the office of the Deputy Secretary.



**15. March Treasury Report**

**8:50 a.m.** The March Treasury Report was provided in the Committee packet. Tammy Fulbright, Director Treasury Services provided a brief overview. She explained that three months reporting was included in this report, to be in sync with other financial reporting. BSD Directed Funds in January was \$208 million with an average rate of return of 1.32%. In February it was almost \$218 million with an average rate of return of 1.34%. In March it was \$208 million with an average rate of return of 1.44%. The spike up in February was timing, BSD purchased buses in March which reduced the numbers back to \$208 million. The average rate of return in December was at 1.16% and in March it was 1.44%. We actually picked up about a quarter percent between December and March, which was equivalent to what the Fed Funds increased rates to in December and there was another rate increase in March. Trustee Directed Funds in January was \$44 million with an average rate of return of 1.76%. February was at \$47 million with an average rate of return of 1.88%; and March was \$49 million with an average rate of return at 1.91%. As of April 1, that \$49 million will be reduced by \$12 million because BSD paid out its semiannual interest payments on the 2009 and 2013 debt. The three month treasury is currently at 1.84%, the six month is at about 2%, and the one year is at about 2.25%. The two-year Agency bonds are at 2.66% and the three-year bonds are at 2.8%. The Feds met in May and they kept the rates steady at 1.75%, and after six years inflation has finally got to their target rate of 2%. They are not really so concerned with economic growth but they do have some slight concerns over trade disputes. It is still expected that there will be another rate increase of another ¼% in June. It is expected that there will be three rate increases this year, with the third expected in December. Three rate increases are expected in 2019 which would get us to a Fed fund rate of 3%. 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.

**16. 3<sup>rd</sup> Quarter Procurement Report**

**8:52 a.m.** The 3<sup>rd</sup> Quarter Procurement Report was provided in the Committee packet. Greg Smith, Vice President Procurement & Inventory Management, provided a brief overview. The 3<sup>rd</sup> Quarter 2018 Non-Competitive Procurement total \$1.6 million or 9.6% of the total purchase order commitment volume of \$16,240,000. Rolling last twelve months non-competitive procurement total \$12 million or 11.9% of the total purchase order commitment volume of \$102 million. This presentation was informational only and no committee action was required. A copy of this report will be kept at the office of the Deputy Secretary.

**17. Treasury-Safekeeping Quarterly Accounts Audit Ending March 31, 2018**

**8:53 a.m.** The report regarding the Treasury-Safekeeping Quarterly Accounts Audit ending March 31, 2018, was provided in the Committee packet. Jim Cali, Director Internal Audit, provided a brief overview. In accordance with Board Policy, Chapter 30, the Internal Audit Department is charged with the responsibility of reviewing all of the funds that are held by a third party custodian that are classified as Safekeeping Funds. IAD works closely with the Treasury Department to establish where these funds are and reviews the information from the custodian that the funds are there and the values are properly stated. IAD has determined that the Safekeeping Accounts exist, and the respective balances have been fairly presented. 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.



**18. Internal Audit Follow-Up Summary, 3<sup>rd</sup> Quarter FY2018**

**8:54 a.m.** The report regarding the Internal Audit Follow-Up Summary, 3<sup>rd</sup> Quarter FY2018 was provided in the Committee packet. Jim Cali, Director Internal Audit, provided a brief overview. The most important part of the Internal Audit is the implementation of the recommendations by management. The Internal Audit Summary is a report card on the status on how management is doing toward implementing the recommendations that they have agreed to through the various audits that have been presented during the year. During the third quarter, there was great effort put forth by management, and we have no outstanding or overdue recommendations. To date, we have closed 57 out of 99 recommendations and as of the end of the third quarter, 13 audits have been completely closed out. This is a true testament to the great work that management is performing in implementing IAD's recommendations and observations. The 42 remaining recommendations are not overdue, but some of these recommendations have a time implementation date somewhere in the future. Some are related to a budget request in the future fiscal year where they need more time to complete the actual implementation. Management works with IAD to build this corrective action plan with the implementation dates. IAD follows up on all of those dates to make sure management is meeting all of those goals and none of the remaining 42 are at risk of being overdue. 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.

**19. Internal Audit Status Report, 3<sup>rd</sup> Quarter FY2018**

**8:55 a.m.** The Internal Audit Status Report, 3<sup>rd</sup> Quarter FY2018 report was provided in the Committee packet. Jim Cali, Director Internal Audit, provided a brief overview. The Internal Audit Status Report for the third quarter shows the activity of IAD, and what audits are being performed. IAD is in good shape as compared to the annual audit program. Some of the highlights that took place during the third quarter are that the Internal Audit Department worked with Crowe Horwath, our external auditors, and completed IAD's quality review and again IAD received the highest rating possible under the Institute of Internal Auditing Standards. IAD worked with Human Resources to do the recruitment for the next college student intern, and has selected Camila Rivas who is a Masters in Accounting student at St. Louis University. IAD also attended the Government Finance Officers Association and National Conference, and got some good quality CPE at a really low rate. 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.

**20. Unscheduled Business**

**8:56 a.m.** There was no unscheduled business.

**21. Call of Dates for Future Committee Meetings**

**8:57 a.m.** The Board was advised of the upcoming meetings, as follows:

Board Meeting:	Friday, June 22, 2018, 8:00 a.m.
Operations Committee:	Tuesday, August 21, 2018, 8:00 a.m.
Audit, Finance & Administration Committee:	Friday, August 24, 2018, 8:00 a.m.



**22. 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).**

**8:58 a.m.** Pursuant to the requirements of Section 10.080 (D) (1), (7 ), (10), (11), (16) and (17) of the Bi-State Development Board Policy, Chapter 10, Section 10.080, Chair Holman requested a motion to allow the Committee to go into closed session. A motion to go into Executive Session was made by Commissioner Zimmerman and seconded by Commissioner Buehlhorn. A roll call vote was taken and the Commissioners present, Holman, Buehlhorn, Zimmerman, Golliday voted to approve this agenda item. **Motion passed unanimously, and the Open Session meeting was adjourned at 8:58 a.m.**

  
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Deputy Secretary to the Board of Commissioners  
Bi-State Development



**Bi-State Development  
Agenda Item  
Audit, Finance & Administration Committee  
August 24, 2018**

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**From:** Charles A. Stewart, Jr., Vice President Pension & Insurance  
**Subject:** **Contract Modification: Additional Funds for Voluntary Critical Illness and Accident Insurance Program**  
**Disposition:** Approval  
**Presentation:** David J. Toben, Director of Benefits, Anita Dunn, Health & Welfare Plan Manager, Gregory Smith, V.P. Procurement & Inventory Management

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**Objective:**

To present to the Audit, Finance and Administration Committee for discussion and referral to the Board of Commissioners, a request for additional funding for the current Allstate Voluntary Critical Illness and Accident Insurance Program. Additional funding of \$232,000 is needed to complete contract year four (4) and contract year five (5).

**Board Policy:**

Board Policy *Chapter 50.010 G., Purchasing*, requires Board of Commissioners to approve contract modifications.

**Funding Source:**

This voluntary benefit is 100% contributory on the part of the Bi-State Development (**BSD**) employee and is completely funded through payroll deductions. The BSD Operating Budget pre-funds on a monthly basis to pay premium as billed by the plan administrator.

**Background:**

On April 14, 2014, our health and welfare plan consultants in concert with BSD issued Solicitation 14-RFP-99505-DR to retain a qualified firm to offer Voluntary Critical Illness and Off-The-Job Accident benefits to eligible employees and their dependents. On August 15, 2014, a briefing paper detailing the procurement was presented to the Finance and Administration Committee along with a recommendation to award the five year contract for an estimated \$820,000 to Allstate. The recommendation was subsequently presented to and approved by the full Board of Commissioners for the five year period beginning January 1, 2015 for (3) base years and (2) option years to be exercised at BSD's discretion.

**Analysis:**

To determine the estimated contract cost for these newly proposed benefits, an industry standard 15% over-all enrollment participation level was assumed. Additionally, an assumption was made that most Critical Illness coverage participants would elect single coverage at a \$10,000 policy face amount level and that most Off-The-Job Accident coverage participants would elect family coverage.

Actual enrollment started near the standard 15% but has continued to grow each year. Currently enrollment in Critical Illness is at 18.9% of eligible employees with the majority enrolled at a



\$20,000 policy face amount level and enrollment in the Off-The-Job Accident program is 22.5% with the majority enrolled in employee only coverage.

The year over year spend for both plans experienced 13% growth between Contract Years 1 and 2 and 11% growth between Contract Years 2 and 3. The amounts for Contract Years 4 and 5 are estimated using 9% growth between Years 3 and 4 and 7% growth between Years 4 and 5.

The following grid shows the original funding amount requested for each plan. For Years 1-3, the dollar amounts represent actual spend. The amount for Year 4 is an estimate based on actual spend for January thru June 2018. The amount for Year 5 is an estimate based on anticipated growth of 7% over Year 4. The dollar amount in the last column represents the original funding amount less the actual and estimated spend over the 5 year contract period.

		Actual/Estimated Spend					
	Orig. Funding Requested	Year 1- 2015	Year 2- 2016	Year 3- 2017	Year 4- 2018	Year 5- 2019	Funding Remaining/ (Deficit)
<b>Critical Illness</b>	\$460,000	\$119,651	\$135,987	\$151,157	\$165,000	\$176,500	(\$288,295)
<b>Accident</b>	\$360,000	\$45,492	\$55,494	\$61,672	\$68,000	\$73,000	\$56,342
	\$820,000						(\$231,953)

**Committee Action Requested:**

Management recommends that the Audit, Finance and Administration Committee accept and forward to the Board of Commissioners for approval, the request that the President & CEO issue a modification to add additional funds to pay for services through the end of the contract period of performance for Contract 14-RFP-99505-DR – Voluntary Critical Illness and Accident Insurance Program to Allstate in the amount of \$232,000 increasing the total not-to-exceed contract amount to **\$1,052,000**.



**Bi-State Development  
Agenda Item  
Audit, Finance & Administration Committee  
August 24, 2018**

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**From:** Mark G. Vago  
Sr. Vice President/Chief Financial Officer  
**Subject:** **Contract Award for Independent Audit Services**  
**Disposition:** Approval  
**Presentation:** Mark G. Vago, Sr. Vice President/Chief Financial Officer; Gregory Smith, Vice President – Procurement, Inventory Management & Supplier Diversity

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**Objective:**

To present to the Audit, Finance & Administration Committee for discussion and referral to the Board of Commissioners a request to award a three (3) year contract with two (2) one-year options to Rubin Brown LLP for Independent Audit Services.

**Board Policy:**

*Board Policy Chapter 50.010 E., Purchasing*, requires the Board of Commissioners to approve competitive negotiated procurements which exceed \$500,000.

Board Policy 30.010A, prohibits an incumbent firm, or any lead or concurring partner connected with that firm's provision of audit service to BSD, from providing audit services for a term in excess of five consecutive years. Therefore, Crowe Horwath LLP was not able to submit a bid.

**Funding Source:**

Cost for services is included in the Bi-State Development's (BSD) FY 2019-2021 Operating Budget, as approved by the Board of Commissioners.

**Background:**

Solicitation 18-RFP-105058-CG was issued May 9, 2018, seeking proposals from qualified bidders for an independent audit firm to perform audit services and internal audit peer reviews for the Agency. The solicitation was advertised on BSD's website and the request for proposals was distributed to over 25 firms.

**Analysis:**

Seven proposals were received and determined responsive to the solicitation. The technical proposals were evaluated by an evaluation committee consisting of the Chief Financial Officer, Vice President of Pension and Insurance, Senior Director of Treasury and Financial Planning and the retired Chief Financial Officer. The evaluation committee was chaired by Mark Vago.

Each responding firm's proposal was reviewed and scored according to evaluation requirements specified in the solicitation package. The evaluation requirements included: technical expertise, personnel, industry knowledge, references, audit techniques/methodology and other information. The maximum possible total score was 500 points; 450 points for the technical criteria and 50 points for the cost criteria.



Following completion of the initial technical review, the three (3) firms with the highest technical scores were interviewed by the project evaluation committee. Following the interviews, the evaluation team revised their technical scoring to reflect any new information presented.

The cost elements of the firms were then calculated and scored. Costs were ranked using a pre-established formula. The firm with the lowest cost proposal received the maximum score of 50 points and the other firms received points based on a formula that assigns points inversely proportional to the low cost amount.

The final scoring is presented in the following table.

Firm	5-Year Total Cost	Scoring		
		Technical	Cost	Total
RubinBrown *	\$ 665,005	348.75	50.00	398.75
BKD *	\$ 780,440	341.26	42.60	383.86
Clifton Larson Allen *	\$ 879,200	337.50	37.82	375.32
UHY Advisors	\$ 789,872	313.75	42.10	355.85
SIKICH	\$ 749,700	288.75	44.35	333.10
Kerber, Eck and Braeckel	\$ 682,200	273.75	48.74	322.49
Hochschild, Bloom and Co.	\$ 845,000	243.75	39.35	283.10

\* Firm was interviewed by the evaluation committee.

**Committee Action Requested:**

Management recommends that the Audit, Finance & Administration Committee accept and forward to the Board of Commissioners for approval, this request to award 18-RFP-105058-CG for Independent Audit services to Rubin Brown for an amount not to exceed \$665,005 for a three (3) year contract with two (2) one-year options.



**Bi-State Development  
Audit, Finance & Administration Committee  
Agenda Item  
August 24, 2018**

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**From:** Larry Jackson, Executive Vice President of Administration  
**Subject:** **Contract Award: Light Vehicle Leasing & Maintenance Program**  
**Disposition:** Approval  
**Presentation:** Gregory Smith, Vice President, Procurement & Inventory Management; Darren Curry, Chief Mechanical Officer

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**Objective:**

To present to the Audit, Finance and Administration Committee for discussion and referral to the Board of Commissioners a request for authorization to award a three (3) base years, two (2) option years open-ended lease contract to Enterprise Fleet Management that permits Bi-State to order new replacement, non-revenue vehicles throughout the term of the contract.

**Board Policy:**

Board Policy *Chapter 50.010, Section E.1.a.*, requires the Board of Commissioners to approve all Competitive Negotiation Procurements which exceed \$500,000.

**Funding Source:**

The funding sources for this service is various grants and operating funds.

**Background:**

Bi-State Development and its operating enterprises currently own and maintain approximately 210 non-revenue light duty vehicles in support of operations. Approximately 120 of those vehicles are over 10 years old. The existing fleet makeup is shown in the table below:

<b>Vehicle Type</b>	<b>Units</b>
Passenger Sedans	62
Passenger Vans	5
Cargo Vans	29
Utility Vehicles	46
Pickup Trucks	68
<b>Total</b>	<b>210</b>

Passenger vehicles such as sedans and SUVs are primarily utilized by Security and management staff to patrol or respond to incidents that arise during normal operations while cargo vans and pickup trucks are primarily utilized by field maintenance personnel to haul supplies and equipment in performance of their daily duties.

Light duty non-revenue vehicles have historically been acquired utilizing 80% federal grants supplemented with 20% local match. Vehicle maintenance is then budgeted and paid with local revenues. A similar funding scenario will be utilized for the leasing program.



**Analysis:**

Solicitation No. 18-RFP-105142-DH for a light vehicle lease and maintenance program was issued and advertised on Bi-State's website on April 17, 2018, with a bid closing date of May 22, 2018. Eight potential national leasing companies were invited to bid and we received bids from four.

The solicitation requested bidders provide vehicle cost, delivery cost, monthly lease cost and maintenance cost. The depreciation reserve was set at 1.25% monthly. Because all bidders vehicle acquisition cost should be comparable, the analysis was done based on the monthly lease and maintenance cost. The below analysis is based on a sampling of six of the higher volume vehicles in the current fleet which were used as a sampling in the solicitation: full size sedans, ½ ton crew cab trucks, ½ ton extended cab trucks, ¾ ton crew cab trucks, ¾ ton extended cab trucks and mid-size SUVs.

Firm:	Cost	Cost Score	Technical Score	Total
Acme	\$3,076.00	120.02	200.00	320.02
Admiral/Advantage	\$3,129.00	117.98	191.67	309.65
Enterprise	\$3,002.51	122.95	343.33	466.28
Merchant's	\$2,953.34	125.00	310.00	435.00
<b>Total Possible Points</b>		<b>125.00</b>	<b>375.00</b>	<b>500.00</b>
<b>Percentage of Total Points</b>		<b>25%</b>	<b>75%</b>	<b>100%</b>

The technical scores were based on reporting and billing, example vehicle specifications, the lease type, the maintenance program offered, resale of the vehicles and mobilization/demobilization of the fleet (program).

The benefits of moving to a maintained lease program are two-fold. First and foremost, the anticipated Net Present Value for a 10-year cash expenditure under this program is \$8.9 million if we continue to purchase versus \$6.6 million under the maintained lease scenario. The cost savings is due to the timing of leases payments versus up-front payment for the acquisition plus cost savings associated with the out-sourcing of all maintenance activities. Second, the outsourcing of maintenance activities will allow us to focus our internal maintenance resources on the primary job of keeping our revenue fleet operating at peak efficiency. Our maintenance resources are currently being overtaxed and working an unacceptable amount of overtime.

**Committee Action Requested:**

Management recommends that the Audit, Finance and Administration Committee discuss and forward to the Board of Commissioners for approval this request to award a five year Indefinite Delivery/Indefinite Quantity lease/maintenance program contract to Enterprise Fleet Management.



**Bi-State Development  
Agenda Item  
Audit, Finance and Administration Committee  
August 24, 2018**

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**From:** James J. Cali, CPA  
Director of Internal Audit  
**Subject:** **State Safety Oversight – Internal Audit Process**  
Briefing Paper No. 18-46  
**Disposition:** Approval  
**Presentation:** James J. Cali, Director of Internal Audit

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**Objective:**

To present to the Audit, Finance and Administration Committee the proposed changes to the Internal Audit Process for internal safety and security audits to meet the enhanced audit objectives required by the State Safety Oversight (SSO) Program.

**Board Policy:**

*Board Policy Chapter 30 Audit, Finance and Budget, Section 30.005 Audit Committee Charter, A. GENERAL.* 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 the Institute of Internal Auditors' (IIA's) Standards for the Professional Practice of Internal Auditing.

**Funding Source:**

In anticipation of the implementation of the Federal Transit Administration's (FTA) new regulations for SSO Programs, funding for a new auditor position to perform all internal safety and security audits has been incorporated in the approved FY2019 Internal Audit Department (IAD) budget. No additional funds are required to implement the changes to the Internal Audit Process to meet the new SSO audit requirements.

**Background:**

Beginning in 2009, the SSO requested the IAD to begin working with the Safety Department to perform various safety and security audits in accordance with the SSO's Triennial Audit Program. The SSO Triennial Audit Program requires 20 safety audits and 12 security audits be completed within a predetermined three (3) year period. To date, IAD has exclusively performed SSO's safety and security audits for elements in which the Safety Department has had operational involvement and thus would not be considered to be independent.

With the implementation of the FTA new regulations for SSO Programs, changes to the Bi-State Development (BSD) Internal Audit Process are needed. In order for the SSO to be in compliance with the provisions of "The Moving Ahead for Progress in the 21<sup>st</sup> Century Act of 2012" (MAP-21), coupled with the FTA's requirement for all SSO Agencies to develop and issue new SSO



Rules as set forth in 49 Code of Federal Regulations (**CFR**) Part 674 issued in 2016, the SSO issued in April 2018, the *Bi-State Safety Oversight Program Standards Manual For Oversight Of MetroLink* herein referred to as the **New Program Standard**.

The New Program Standard requires that all SSO audits must be conducted by individuals or firms that are independent from the function being audited and be free of any conflict of interest and/or the appearance of a conflict of interest. The New Program Standard's audit requirement now precludes the Safety Department from performing any SSO audits; therefore, the responsibility for performing all the required SSO audits now rests with the IAD.

### **Analysis:**

In order for the IAD to meet the New Program Standard's audit requirement, coupled with the internal safety and security audit provisions contained in 49 CFR Part 674 requiring SSO members to be more involved in the audit process, the IAD is proposing the following changes to the SSO Internal Audit Process:

- **Step 1** - Upon completion of a SSO Audit, the IAD will present the draft audit report to the BSD Executive Safety & Security Committee. The BSD Executive Safety & Security Committee as defined in the *System Safety Program Plan for MetroLink Rail fixed Guideway System, Revision 15 (SSPP)* is composed of the following members:
  - President and Chief Executive Officer of Bi-State Development
  - Executive Director of Metro Transit
  - Executive Vice President of Administration
  - Vice President of Pension and Insurance
  - General Counsel
  - General Manager of MetroLink
  - Chief Mechanical Officer
  - Chief of Public Safety
  - Senior Director of Maintenance of Way
  - Assistant Executive Director Engineering Systems
  - Director of Risk Management, Claims and Safety
  - Manager of Safety and Loss Control
  - Manager of Emergency Preparedness
- **Step 2** – Once the draft SSO audit report is approved by the BSD Executive Safety & Security Committee, then the draft SSO audit report will be submitted to the SSO for review and final approval.
- **Step 3** – All approved SSO audit reports will be presented to the BSD Audit, Finance and Administration Committee as “information items.”

### **Conclusion**

As the FTA's regulatory environment evolves requiring more safety and security audits of public transit agencies, the IAD proposes to meet this challenge with the addition of the new auditor position. With the implementation of the proposed changes to the Internal Audit Process, the



IAD is of the opinion that we will be able to meet the SSO's new internal safety and security audit objectives.

The IAD will also use the new auditor position to meet the FTA's new safety audit requirements in the new "Public Transportation Agency Safety Plan" and "Safety Management System" (SMS), which means BSD will now also have to perform SSO style safety and security audits for both MetroBus and Call-A-Ride.

**Committee Action Requested:**

It is recommended that the Audit, Finance and Administration Committee approve the proposed changes to the Internal Audit Process as it pertains to the SSO safety and security audit requirements.



**Bi-State Development  
Agenda Item  
Audit, Finance and Administration Committee  
August 24, 2018**

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**From:** James J. Cali, CPA  
Director of Internal Audit  
**Subject:** **Internal Audit Status Report – 4th Quarter FY2018**  
Briefing Paper No. 18-43  
**Disposition:** Information  
**Presentation:** James J. Cali, Director of Internal Audit

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**Objective:**

To present to the Audit, Finance and Administration Committee the Internal Audit Department's (IAD) Status Report for the 4th Quarter Fiscal Year (FY) 2018.

**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.



- 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.

The highlight of the 4th Quarter occurred when Camila Rivas, a graduate student in the Accounting Program at St Louis University came to IAD as part of our on-going college internship program. IAD's college internship program began in the summer of 2009 and Camila is the first intern we have had from St Louis University.

During the 4<sup>th</sup> Quarter, the Director of Internal Audit served on a Procurement Review Committee to evaluate proposals for a new information management system for the Legal Department.

**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 – 4th Quarter FY2018
2. Internal Audit Status Report – Special Projects – 4th Quarter FY2018



FY 2018 - 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 2017		Ongoing	101.09%	620.00	561.00	65.75	626.75	(6.75)
Quarterly IAD Status Report	July 2017		Ongoing	48.44%	240.00	103.25	13.00	116.25	123.75
Quarterly Treasury Safekeeping Audit	July 2017		Ongoing	30.00%	240.00	68.50	3.50	72.00	168.00
Smart Card - Passenger Revenue Testing of Internal Controls	March 2015		In Progress	60.84%	800.00	486.75	0.00	486.75	313.25
Health Insurance Claims Audit	May 2016	August 2017	Complete	100.00%	1,800.00	938.00	0.00	938.00	862.00
Eads Bridge Construction Audit	October 2016	October 2017	Complete	100.00%	600.00	349.00	0.00	349.00	251.00
On-Call Bi-State Research Institute Consulting Services	December 2016		In Progress	61.88%	160.00	98.00	1.00	99.00	61.00
FTA - Required Safety and Security Certification Audit (Safety)	March 2017	January 2018	Complete	100.00%	360.00	105.60	0.00	105.60	254.40
Payroll Hours of Service Audit	March 2017	January 2018	Complete	100.00%	720.00	615.05	0.00	615.05	104.95
Accounts Receivable Audit	May 2017	October 2017	Complete	100.00%	360.00	299.65	0.00	299.65	60.35
Procurement Card Audit	May 2017	August 2017	Complete	100.00%	240.00	224.50	0.00	224.50	15.50
FTA - Threat and Vulnerability Assessment (Security Audit)	May 2017	August 2017	Complete	100.00%	208.00	175.50	0.00	175.50	32.50
Staples Procurement Card Audit	August 2017	January 2018	Complete	100.00%	360.00	246.25	0.00	246.25	113.75
Benefits In Arrears	September 2017	January 2018	Complete	100.00%	600.00	224.00	0.00	224.00	376.00
Contract Service Vehicle Maintenance	October 2017		In Progress	94.69%	240.00	151.50	75.75	227.25	12.75
Subtotal Audit Hours					7,548.00	4,646.55	159.00	4,805.55	2,742.45



FY 2018 - Audit Plan	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
FTA Required Rail Safety Audit - Safety Data Acquisition	August 2017	January 2018	Complete	100.00%	240.00	190.25	0.00	190.25	49.75
FTA Required Rail Safety Audit -Internal Safety Audits	October 2017	January 2018	Complete	100.00%	240.00	41.75	0.00	41.75	198.25
FTA Required Rail Safety Audit - Employee Safety	December 2017	January 2018	Complete	100.00%	360.00	58.50	0.00	58.50	301.50
FTA Required Rail Safety Audit - System Safety Program Plan Implementation	November 2017	January 2018	Complete	100.00%	360.00	56.00	0.00	56.00	304.00
FTA Required Rail Security Audit - Security Protective Measures	June 2017	August 2017	Complete	100.00%	240.00	23.00	0.00	23.00	217.00
FTA Required Rail Security Audit - Hazard Management	October 2017	January 2018	Complete	100.00%	160.00	72.25	0.00	72.25	87.75
Passenger Revenue - Pass Unit	February 2018		In Progress	84.79%	360.00	93.75	211.50	305.25	54.75
Contract Services - Facility Maintenance Audit	January 2018	March 2018	Complete	100.00%	480.00	136.25	0.00	136.25	343.75
Human Resources Compensation Review	January 2018		In Progress	71.84%	380.00	103.25	169.75	273.00	107.00
External Quality Assessment Review (QAR)	January 2018	March 2018	Complete	100.00%	360.00	236.75	2.00	238.75	121.25
Contract Services - Track Maintenance Audit	March 2018	May 2018	Complete	100.00%	480.00	19.00	60.25	79.25	400.75
Accounts Receivable - Core Credits Audit				0.00%	360.00	0.00	0.00	0.00	360.00
Travel Card Audit	April 2018		In Progress	38.13%	360.00	0.00	137.25	137.25	222.75
Casualty Claims Audit	June 2018		In Progress	24.90%	480.00	0.00	119.50	119.50	360.50
Customer Service Audit				0.00%	360.00	0.00	0.00	0.00	360.00
Subtotal Audit Hours					5,220.00	1,030.75	700.25	1,731.00	3,489.00



Benefits In Arrears	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
Grants Audit				0.00%	360.00	0.00	0.00	0.00	360.00
FY2019 Annual Audit Work Plan and Risk Assessment	April 2018	May 2018	Complete	100.00%	80.00	0.00	24.75	24.75	55.25
Shaw Park Garage Audit	June 2018		In Progress	17.81%	80.00	0.00	14.25	14.25	65.75
Grand Total Annual Audit Plan					13,288.00	5,677.30	898.25	6,575.55	6,712.45



FY 2018 - 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	August 2017	Complete	100.00%	1,400.00	850.00	0.00	850.00	550.00
Total On-Call Contract Audit Hours					1,400.00	850.00	0.00	850.00	550.00



FY2018 Audit Plan - Special Projects	Start Date	Completion Date	Status	Completion Rate (Percentage)	Budget	Hours Previous Periods	Hours This Quarter	Total Hours	Hours Remaining
Auditor Recruitment / Intern Recruitment			Ongoing			21.75	0.00	21.75	
Board Meeting / Audit Committee Preparations and Meetings			Ongoing			234.50	72.50	307.00	
CEO Meetings/Projects			Ongoing			29.50	0.00	29.50	
DBE Application Review			Ongoing			11.00	0.00	11.00	
EEO/Ethics Point (Fraud Hotline)			Ongoing			41.50	50.75	92.25	
Freedom of Information Act			Ongoing			0.00	0.00	0.00	
IAD Audit Research / Reading			Ongoing			183.75	64.50	248.25	
IAD Oracle Procurement			Ongoing			30.00	8.50	38.50	
Public Safety Governance Committee			Ongoing			32.00	0.00	32.00	
Records Retention			Ongoing			122.75	49.50	172.25	
SSO Meetings			Ongoing			30.00	5.50	35.50	
Training & Professional Development			Ongoing			283.75	143.75	427.50	
Total Special Projects Hours						1,020.50	395.00	1,415.50	0.00



**Bi-State Development  
Agenda Item  
Audit, Finance and Administration Committee  
August 24, 2018**

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**From:** James J. Cali, CPA  
Director of Internal Audit  
**Subject:** **Internal Audit Follow-Up Summary – 4th Quarter FY2018**  
Briefing Paper No. 18-44  
**Disposition:** Information  
**Presentation:** James J. Cali, Director of Internal Audit

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**Objective:**

To present to the Audit, Finance and Administration Committee the Internal Audit Department's (IAD's) Follow-Up Summary Findings regarding the status of prior Recommendations during the 4th Quarter Fiscal Year (FY) 2018.

**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:

(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.



**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.

**Committee Action Requested:**

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



**Fourth Quarter-FY2018 Audit Follow-Up  
Executive Summary**

<b>Report Name</b>	<b>Number of Recommendations</b>	<b>Completed</b>	<b>Outstanding – Not Overdue</b>	<b>Overdue</b>
Benefits in Arrears Audit	12	5	7	0
Payroll Hours of Service	14	5	9	0
Contract Services – Track Maintenance Audit	2	2	0	0
Contract Services – Facility Maintenance	6	5	1	0
Accounts Receivables Audit	5	4	1	0
2017-Procurement Card Program Audit	3	3	0	0
Eads Bridge Renovation Audit	5	5	0	0
Drug and Alcohol Program Testing Audit - FY2017	11	5	6	0
Accounts Payable/Vendor Payment Audit	4	3	1	0
ID Badge Access Audit	19	16	3	0
Fuel Inventory Audit	6	4	2	0
SSO-Safety Data Collection & Analysis Audit	3	1	2	0
SSO-Hazard Management Audit	2	2	0	0
SSO-Compliance, Federal, State and Local Requirements Audit	5	0	5	0
SSO-Drug & Alcohol Testing Audit	15	12	3	0
<b>TOTAL</b>	<b>112</b>	<b>72</b>	<b>40</b>	<b>0</b>



**COMPLETED FOLLOW-UP AUDIT REPORTS:**

1. Eads Bridge Renovation Audit – Closed 2<sup>nd</sup> Quarter - FY2018
2. 2017-Procurement Card Program Audit – Closed 2<sup>nd</sup> Quarter –FY2018
3. SSO Internal Safety Audit Process – Closed 3<sup>rd</sup> Quarter-FY2018
4. SSO SSPP Implementation Activities and Responsibilities Audit – Closed 3<sup>rd</sup> Quarter-FY2018
5. SSO Safety and Security Certification Audit – Closed 3<sup>rd</sup> Quarter-FY2018
6. SSO-Hazard Management Audit – Closed 3<sup>rd</sup> Quarter-FY2018
7. 2018-Staples Procurement Card Program Audit – Closed 3<sup>rd</sup> Quarter-FY2018
8. Contract Services-Track Maintenance – Closed 4<sup>th</sup> Quarter- FY2018



**Bi-State Development  
Agenda Item  
Audit, Finance and Administration Committee  
August 24, 2018**

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**From:** James J. Cali, CPA  
Director of Internal Audit  
**Subject:** **Treasury-Safekeeping Quarterly Accounts Audit–Ending June 30, 2018**  
Briefing Paper No. 18-42  
**Disposition:** Information  
**Presentation:** James J. Cali, Director of Internal Audit

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**Objective:**

To provide the Audit, Finance and Administration Committee with the results of the Treasury - Safekeeping Quarterly Accounts Audit, ending June 30, 2018.

**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 FY2018 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, 2018, 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.



**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, 2018.

At June 30, 2018, we had approximately \$89.8 million in US Treasury and Government Agency securities. Sales tax capital represented \$70.5 million, Self-Insurance funds consisted of approximately \$2.4 million, internally restricted funds represented 6 million, FTA funds represented \$9.9 million and the remaining \$1 million was held for Tower Leases.

**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, 2018.



Internal Audit Department  
**INDEPENDENT VERIFICATION for SAFEKEEPING ACCOUNTS**  
**June 30, 2018**

ATTACHMENT

The Treasurer's Report as of June 30, 2018 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)	\$42,949,711.00	\$42,949,708.50	-\$2.50	
Federal Home Loan (Bank of America)	\$21,058,238.00	\$21,058,238.01	\$0.01	
U.S. Treasury Bills (Bank of America)	\$23,393,936.00	\$23,393,934.00	-\$2.00	
U.S. Treasury Bills (Jefferson Bank & Trust)	\$2,399,343.00	\$2,405,000.00	\$5,657.00	JBT confirms at par value
<b>Total</b>	<b>\$89,801,228.00</b>	<b>\$89,806,880.51</b>	<b>\$5,652.51</b>	

**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.



# 2018 QUARTERLY FINANCIAL STATEMENTS

**Fourth Quarter**

Ending June 30, 2018




**BI-STATE  
DEVELOPMENT**

Bi-State Development of the Missouri-Illinois  
Metropolitan District





To: John M. Nations  
President and Chief Executive Officer

From:   
Mark G. Vago  
Senior Vice President Finance and CFO

Date: August 2, 2018

Subject: Bi-State Development Financial Statements – June 2018

Enclosed is the financial statement package for June 30, 2018. 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 \$1.4 billion and a net loss before depreciation of \$5.0 million for the twelve months ending June 30, 2018. 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 \$84.4 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, 2018, BSD has a net loss before depreciation of \$5.0 million compared to a budgeted loss of \$4.2 million for an unfavorable variance of \$.8 million. Metro and the Gateway Arch Tram represent most of BSD's income before depreciation.



**Table 1**  
**BSD Combined Net Income (Loss) before Depreciation and Transfers**

	Year-to-Date				
	Actual	Budget	Prior Year	\$ Var Bgt	\$ Var Prior Yr
<b>Enterprise Funds</b>					
Executive Services	\$ 322,860	\$ 391,888	\$ 333,132	\$ (69,028)	\$ (10,272)
Gateway Arch Tram	1,134,366	1,525,167	(228,119)	(390,801)	1,362,485
Metro	590,335	(3,891,337)	9,197,517	4,481,672	(8,607,182)
St. Louis Downtown Airport	107,892	23,165	(240,003)	84,727	347,895
Riverfront Attractions	446,691	362,626	343,840	84,065	102,851
St. Louis Regional Freightway	(752,831)	(717,902)	(497,543)	(34,929)	(255,288)
BSD Research Institute	153,065	(51,960)	116,424	205,025	36,641
Arts In Transit, Inc.	16,579	(51,250)	39,121	67,829	(22,542)
<b>Total Enterprise Funds</b>	<b>\$ 2,018,957</b>	<b>\$ (2,409,603)</b>	<b>\$ 9,064,369</b>	<b>\$ 4,428,560</b>	<b>\$ (7,045,412)</b>
<b>Self-Insurance Funds</b>					
Health	(7,104,194)	-	(1,879,857)	(7,104,194)	(5,224,337)
Casualty	(492,124)	(590,138)	847,372	98,014	(1,339,496)
Workers' Compensation	548,383	(1,178,026)	(138,785)	1,726,409	687,168
<b>Total Self-Insurance Funds</b>	<b>\$ (7,047,935)</b>	<b>\$ (1,768,164)</b>	<b>\$ (1,171,270)</b>	<b>\$ (5,279,771)</b>	<b>\$ (5,876,665)</b>
<b>Total Government Wide</b>	<b>\$ (5,028,978)</b>	<b>\$ (4,177,767)</b>	<b>\$ 7,893,099</b>	<b>\$ (851,211)</b>	<b>\$ (12,922,077)</b>

Table 2 takes into account the impact of depreciation on the financial position of all enterprises resulting in a cumulative \$84.4 million loss.

**Table 2**  
**BSD Combined Net Income (Loss)**

	Year-to-Date				
	Actual	Budget	Prior Year	\$ Var Bgt	\$ Var Prior Yr
<b>Enterprise Funds</b>					
Executive Services	\$ 322,860	\$ 389,947	\$ 332,449	\$ (67,087)	\$ (9,589)
Gateway Arch Tram	399,311	1,373,293	(487,317)	(973,982)	886,628
Metro	(77,724,121)	(79,157,721)	(66,036,569)	1,433,600	(11,687,552)
St. Louis Downtown Airport	(1,250,549)	(1,539,212)	(1,718,458)	288,663	467,909
Riverfront Attractions	191,148	47,214	85,534	143,934	105,614
St. Louis Regional Freightway	(753,331)	(717,902)	(497,543)	(35,429)	(255,788)
BSD Research Institute	148,115	(51,960)	116,424	200,075	31,691
Arts In Transit, Inc.	16,579	(51,250)	39,121	67,829	(22,542)
<b>Total Enterprise Funds</b>	<b>\$ (78,649,988)</b>	<b>\$ (79,707,591)</b>	<b>\$ (68,166,359)</b>	<b>\$ 1,057,603</b>	<b>\$ (10,483,629)</b>
<b>Self-Insurance Funds</b>					
Health	(7,104,194)	-	(1,879,857)	(7,104,194)	(5,224,337)
Casualty	73,324	-	1,421,315	73,324	(1,347,991)
Workers' Compensation	1,323,875	-	223,449	1,323,875	1,100,426
<b>Total Self-Insurance Funds</b>	<b>\$ (5,706,995)</b>	<b>\$ -</b>	<b>\$ (235,093)</b>	<b>\$ (5,706,995)</b>	<b>\$ (5,471,902)</b>
<b>Total Government Wide</b>	<b>\$ (84,356,983)</b>	<b>\$ (79,707,591)</b>	<b>\$ (68,401,452)</b>	<b>\$ (4,649,392)</b>	<b>\$ (15,955,531)</b>

The Finance Division is available for any questions concerning the June 30, 2018 financial report.

Thank you.



COMBINED FINANCIALS



BI·STATE  
DEVELOPMENT



BI·STATE  
DEVELOPMENT

Combined 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, 2018  
(unaudited)**

	<b>Business Divisions Total</b>	<b>Self-Insurance Divisions Total</b>	<b>Total</b>	<b>Eliminations</b>	<b>Bi-State Development Combined Total</b>
<b>Assets</b>					
Current assets					
Cash	\$ 106,076,094	\$ 21,174,802	\$ 127,250,896	\$ -	\$ 127,250,896
Investments	131,903,100	-	131,903,100	-	131,903,100
Accounts and notes receivable	3,365,104	54,650	3,419,754	-	3,419,754
Interfund accounts receivable	-	4,133,053	4,133,053	(4,133,053)	-
Restricted accounts receivable	999,476	-	999,476	-	999,476
Federal, state and local assistance receivable	36,614,611	-	36,614,611	-	36,614,611
Materials and supplies inventory	8,672,242	-	8,672,242	-	8,672,242
Other current assets	4,790,033	12,339	4,802,372	-	4,802,372
Total current assets	<u>292,420,660</u>	<u>25,374,844</u>	<u>317,795,504</u>	<u>(4,133,053)</u>	<u>313,662,451</u>
Capital assets					
Capital assets - motorbus	424,767,431	-	424,767,431	-	424,767,431
Capital assets - paratransit	19,854,157	-	19,854,157	-	19,854,157
Capital assets - lightrail	1,610,861,527	-	1,610,861,527	-	1,610,861,527
Capital assets	<u>72,570,370</u>	<u>-</u>	<u>72,570,370</u>	<u>-</u>	<u>72,570,370</u>
Total capital assets	2,128,053,485	-	2,128,053,485	-	2,128,053,485
Accumulated depreciation	<u>(1,291,722,417)</u>	<u>-</u>	<u>(1,291,722,417)</u>	<u>-</u>	<u>(1,291,722,417)</u>
Total capital assets, net	<u>836,331,068</u>	<u>-</u>	<u>836,331,068</u>	<u>-</u>	<u>836,331,068</u>
Land	100,601,728	-	100,601,728	-	100,601,728
Construction-in-process	<u>23,082,634</u>	<u>-</u>	<u>23,082,634</u>	<u>-</u>	<u>23,082,634</u>
Total capital assets	<u>960,015,430</u>	<u>-</u>	<u>960,015,430</u>	<u>-</u>	<u>960,015,430</u>
Non-current assets					
Restricted investments	110,822,945	-	110,822,945	-	110,822,945
Deferred charges	69,093	-	69,093	-	69,093
Other non-current assets, net amort	<u>107,835</u>	<u>-</u>	<u>107,835</u>	<u>-</u>	<u>107,835</u>
Total non-current assets	<u>110,999,873</u>	<u>-</u>	<u>110,999,873</u>	<u>-</u>	<u>110,999,873</u>
Total assets	<u>1,363,435,963</u>	<u>25,374,844</u>	<u>1,388,810,807</u>	<u>(4,133,053)</u>	<u>1,384,677,754</u>
Deferred outflow of resources					
Deferred pension loss	13,376,340	-	13,376,340	-	13,376,340
Deferred pension expense	2,279,298	-	2,279,298	-	2,279,298
Deferred unfunded OPEB loss	8,344,752	-	8,344,752	-	8,344,752
Deferred loss on debt refunding	<u>2,388,640</u>	<u>-</u>	<u>2,388,640</u>	<u>-</u>	<u>2,388,640</u>
Total deferred outflow of resources	<u>26,389,030</u>	<u>-</u>	<u>26,389,030</u>	<u>-</u>	<u>26,389,030</u>
<b>Total</b>	<u>\$ 1,389,824,993</u>	<u>\$ 25,374,844</u>	<u>\$ 1,415,199,837</u>	<u>\$ (4,133,053)</u>	<u>\$ 1,411,066,784</u>



**Bi-State Development Agency of the  
Missouri-Illinois Metropolitan District  
Bi-State Development Combined  
Quarterly Statement of Financial Position  
June 30, 2018  
(unaudited)**

	<b>Business Divisions Total</b>	<b>Self-Insurance Divisions Total</b>	<b>Total</b>	<b>Eliminations</b>	<b>Bi-State Development Combined Total</b>
<b>Liabilities</b>					
Current liabilities					
Accounts payable	\$ 5,363,772	\$ 408,017	\$ 5,771,789	\$ -	\$ 5,771,789
Interfund accounts payable	(8,090,961)	12,224,014	4,133,053	(4,133,053)	-
Accrued expenses	19,312,255	110,200	19,422,455	-	19,422,455
Other current liabilities	40,119,674	-	40,119,674	-	40,119,674
Total current liabilities	<u>56,704,740</u>	<u>12,742,231</u>	<u>69,446,971</u>	<u>(4,133,053)</u>	<u>65,313,918</u>
Current liab payable from restricted assets					
Accounts payable and retention	1,188,062	-	1,188,062	-	1,188,062
Accrued interest payable	5,161,499	-	5,161,499	-	5,161,499
Short-term self-insurance	140,487	7,296,054	7,436,541	-	7,436,541
Medical self-insurance liability	-	2,428,000	2,428,000	-	2,428,000
Current portion of long-term debt	9,189,693	-	9,189,693	-	9,189,693
Total current liabilities payable	<u>15,679,741</u>	<u>9,724,054</u>	<u>25,403,795</u>	<u>-</u>	<u>25,403,795</u>
from restricted assets					
Total current liabilities	<u>72,384,481</u>	<u>22,466,285</u>	<u>94,850,766</u>	<u>(4,133,053)</u>	<u>90,717,713</u>
Non-current liabilities					
Other post-employment benefits	65,850,358	359,965	66,210,323	-	66,210,323
Long-term self-insurance	287,216	8,286,700	8,573,916	-	8,573,916
Long-term debt	531,095,524	-	531,095,524	-	531,095,524
Capital lease obligations	110,822,946	-	110,822,946	-	110,822,946
Unfunded pension liabilities	98,831,533	261,867	99,093,400	-	99,093,400
Other non-current liabilities	6,212,083	-	6,212,083	-	6,212,083
Total non-current liabilities	<u>813,099,660</u>	<u>8,908,532</u>	<u>822,008,192</u>	<u>-</u>	<u>822,008,192</u>
Total liabilities	<u>885,484,141</u>	<u>31,374,817</u>	<u>916,858,958</u>	<u>(4,133,053)</u>	<u>912,725,905</u>
<b>Deferred Inflow of Resources</b>					
Deferred gain on hedging instruments	3,468,280	-	3,468,280	-	3,468,280
Deferred pension gain 788 ATU and clerical	4,139,064	-	4,139,064	-	4,139,064
Deferred pension gain IBEW	97,380	-	97,380	-	97,380
Deferred pension gain salaried	1,078,495	-	1,078,495	-	1,078,495
Total deferred inflow of resources	<u>8,783,219</u>	<u>-</u>	<u>8,783,219</u>	<u>-</u>	<u>8,783,219</u>
<b>Net Position</b>					
Net position - capital investments	484,754,368	-	484,754,368	-	484,754,368
Net position	89,453,753	(292,978)	89,160,775	-	89,160,775
Net income (loss)	(78,650,488)	(5,706,995)	(84,357,483)	-	(84,357,483)
Total net position	<u>495,557,633</u>	<u>(5,999,973)</u>	<u>489,557,660</u>	<u>-</u>	<u>489,557,660</u>
<b>Total</b>	<u>\$ 1,389,824,993</u>	<u>\$ 25,374,844</u>	<u>\$ 1,415,199,837</u>	<u>\$ (4,133,053)</u>	<u>\$ 1,411,066,784</u>



**Bi-State Development Agency of the  
Missouri-Illinois Metropolitan District  
Bi-State Development Combined  
Statement of Activities  
For the Twelve Months Ended June 30, 2018  
(unaudited)**

	Business Divisions Total	Self-Insurance Divisions Total	Total	Eliminations	Bi-State Development Combined Total
<b>Revenue</b>					
Passenger and service revenues	\$ 54,025,224	\$ -	\$ 54,025,224	\$ -	\$ 54,025,224
Partnership fees	100,000	-	100,000	-	100,000
City of St. Louis	35,523,817	-	35,523,817	-	35,523,817
St. Louis County	138,628,796	-	138,628,796	-	138,628,796
St. Clair County Transit District	53,464,388	-	53,464,388	-	53,464,388
State of Missouri and Illinois	732,865	-	732,865	-	732,865
Federal funding	18,145,156	-	18,145,156	-	18,145,156
Other local/regional funding	480,894	-	480,894	-	480,894
Not-for-profit	319,762	-	319,762	-	319,762
Contributions	-	-	-	-	-
Advertising, maint services, rental income	7,697,319	-	7,697,319	-	7,697,319
Interest income	9,893,262	175,481	10,068,743	-	10,068,743
Other operating revenue	351,960	-	351,960	-	351,960
Charges for services	-	43,811,389	43,811,389	(36,757,225)	7,054,164
<b>Total revenue</b>	<b>319,363,443</b>	<b>43,986,870</b>	<b>363,350,313</b>	<b>(36,757,225)</b>	<b>326,593,088</b>
<b>Expense</b>					
Wages and benefits	202,283,088	1,760,458	204,043,546	-	204,043,546
Services	31,558,180	256,196	31,814,376	-	31,814,376
Fuel and lube consumed	10,384,442	-	10,384,442	-	10,384,442
Materials and supplies	25,103,001	23,754	25,126,755	-	25,126,755
Utilities	7,401,790	6,539	7,408,329	-	7,408,329
Casualty and liability costs	6,969,987	1,027,911	7,997,898	-	7,997,898
Other expenses	5,040,066	436,865	5,476,931	-	5,476,931
Interest expense	25,738,691	-	25,738,691	-	25,738,691
Unrealized gain (loss) on investments	(464,701)	-	(464,701)	-	(464,701)
Contribution to outside entities	2,201,579	-	2,201,579	-	2,201,579
Other non-operating expense	1,128,363	-	1,128,363	-	1,128,363
Claims paid and insurance administrative costs	-	47,523,082	47,523,082	(36,757,225)	10,765,857
<b>Total expense</b>	<b>317,344,486</b>	<b>51,034,805</b>	<b>368,379,291</b>	<b>(36,757,225)</b>	<b>331,622,067</b>
<b>Income (loss) before depreciation</b>	<b>2,018,957</b>	<b>(7,047,935)</b>	<b>(5,028,978)</b>	<b>-</b>	<b>(5,028,978)</b>
Depreciation and amortization expense	79,328,005	-	79,328,005	-	79,328,005
<b>Net income (loss) before transfers</b>	<b>(77,309,048)</b>	<b>(7,047,935)</b>	<b>(84,356,983)</b>	<b>-</b>	<b>(84,356,983)</b>
Net transfers in (out)	(1,340,940)	1,340,940	-	-	-
<b>Net income (loss)</b>	<b>\$ (78,649,988)</b>	<b>\$ (5,706,995)</b>	<b>\$ (84,356,983)</b>	<b>\$ -</b>	<b>\$ (84,356,983)</b>



**BUSINESS DIVISIONS**



**BI·STATE  
DEVELOPMENT**



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**Bi-State Development Agency of the  
Missouri-Illinois Metropolitan District  
Business Divisions  
Quarterly Statement of Financial Position  
June 30, 2018  
(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
<b>Assets</b>											
Current assets											
Cash	\$ 3,783,084	\$ 12,971,482	\$ 217,545	\$ 1,752,812	\$ 87,172,921	\$ 23,897	\$ 83,287	\$ 71,066	\$ 106,076,094	\$ -	\$ 106,076,094
Investments	-	-	-	-	131,903,100	-	-	-	131,903,100	-	131,903,100
Accounts and notes receivable	110,772	29,215	14,641	68,991	3,129,230	4,755	-	8,000	3,365,604	-	3,365,604
Interfund accounts receivable	2,790,098	3,709,831	307,500	5,195	12,511,343	-	-	-	19,323,967	(19,323,967)	-
Restricted accounts receivable	-	-	-	-	999,476	-	-	-	999,476	-	999,476
Federal, state and local assistance receivable	-	11,378	-	-	36,603,233	-	-	-	36,614,611	-	36,614,611
Materials and supplies inventory	-	-	44,374	65,457	8,562,411	-	-	-	8,672,242	-	8,672,242
Other current assets	2,924	34,923	-	-	4,692,186	-	60,000	-	4,790,033	-	4,790,033
Total current assets	6,686,878	16,756,829	584,060	1,892,455	285,573,900	28,652	143,287	79,066	311,745,127	(19,323,967)	292,421,160
Capital assets											
Capital assets - motorbus	-	-	-	-	424,767,431	-	-	-	424,767,431	-	424,767,431
Capital assets - paratransit	-	-	-	-	19,854,157	-	-	-	19,854,157	-	19,854,157
Capital assets - lightrail	-	-	-	-	1,610,861,527	-	-	-	1,610,861,527	-	1,610,861,527
Capital assets	-	17,059,509	5,109,041	50,138,570	-	-	263,250	-	72,570,370	-	72,570,370
Total capital assets	-	17,059,509	5,109,041	50,138,570	2,055,483,115	-	263,250	-	2,128,053,485	-	2,128,053,485
Accumulated depreciation	-	(7,587,262)	(4,001,950)	(35,850,382)	(1,244,282,823)	-	-	-	(1,291,722,417)	-	(1,291,722,417)
Total capital assets, net	-	9,472,247	1,107,091	14,288,188	811,200,292	-	263,250	-	836,331,068	-	836,331,068
Land	-	-	-	4,542,564	96,059,164	-	-	-	100,601,728	-	100,601,728
Construction-in-process	-	240,649	-	135,180	22,706,805	-	-	-	23,082,634	-	23,082,634
Total capital assets	-	9,712,896	1,107,091	18,965,932	929,966,261	-	263,250	-	960,015,430	-	960,015,430
Non-current assets											
Restricted investments	-	-	-	-	110,822,945	-	-	-	110,822,945	-	110,822,945
Deferred charges	-	-	-	69,093	-	-	-	-	69,093	-	69,093
Other non-current assets, net amort	-	-	-	-	107,835	-	-	-	107,835	-	107,835
Total non-current assets	-	-	-	69,093	110,930,780	-	-	-	110,999,873	-	110,999,873
Total assets	6,686,878	26,469,725	1,691,151	20,927,480	1,326,470,941	28,652	406,537	79,066	1,382,760,430	(19,323,967)	1,363,436,463
Deferred outflow of resources											
Deferred pension loss	-	-	-	-	13,376,340	-	-	-	13,376,340	-	13,376,340
Deferred pension expense	-	-	-	-	2,279,298	-	-	-	2,279,298	-	2,279,298
Deferred unfunded OPEB loss	-	-	-	-	8,344,752	-	-	-	8,344,752	-	8,344,752
Deferred loss on debt refunding	-	-	-	-	2,388,640	-	-	-	2,388,640	-	2,388,640
Total deferred outflow of resources	-	-	-	-	26,389,030	-	-	-	26,389,030	-	26,389,030
<b>Total</b>	<b>\$ 6,686,878</b>	<b>\$ 26,469,725</b>	<b>\$ 1,691,151</b>	<b>\$ 20,927,480</b>	<b>\$ 1,352,859,971</b>	<b>\$ 28,652</b>	<b>\$ 406,537</b>	<b>\$ 79,066</b>	<b>\$ 1,409,149,460</b>	<b>\$ (19,323,967)</b>	<b>\$ 1,389,825,493</b>



**Bi-State Development Agency of the  
Missouri-Illinois Metropolitan District  
Business Divisions  
Quarterly Statement of Financial Position  
June 30, 2018  
(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
<b>Liabilities</b>											
Current liabilities											
Accounts payable	\$ 143,729	\$ 498,992	\$ 39,870	\$ 12,577	\$ 4,643,596	\$ 25,008	\$ -	\$ -	\$ 5,363,772	\$ -	\$ 5,363,772
Interfund accounts payable	603,257	3,855,529	1,165,843	285,955	3,916,240	1,383,766	21,624	792	11,233,006	(19,323,967)	(8,090,961)
Accrued expenses	268,800	74,500	109,000	72,700	18,772,355	14,900	-	-	19,312,255	-	19,312,255
Other current liabilities	-	981,079	84,946	4,140	38,958,206	10,055	81,248	-	40,119,674	-	40,119,674
Total current liabilities	1,015,786	5,410,100	1,399,659	375,372	66,290,397	1,433,729	102,872	792	76,028,707	(19,323,967)	56,704,740
Current liab payable from restricted assets											
Accounts payable and retention	-	264,877	-	-	923,185	-	-	-	1,188,062	-	1,188,062
Accrued interest payable	-	24,615	-	-	5,136,884	-	-	-	5,161,499	-	5,161,499
Short-term insurance	-	-	-	-	140,487	-	-	-	140,487	-	140,487
Current portion of long-term debt	-	159,693	-	-	9,030,000	-	-	-	9,189,693	-	9,189,693
Total current liabilities payable from restricted assets	-	449,185	-	-	15,230,556	-	-	-	15,679,741	-	15,679,741
Total current liabilities	1,015,786	5,859,285	1,399,659	375,372	81,520,953	1,433,729	102,872	792	91,708,448	(19,323,967)	72,384,481
Non-current liabilities											
Other post-employment benefits	892,268	-	308,979	347,222	64,167,915	133,974	-	-	65,850,358	-	65,850,358
Long-term insurance	-	-	-	-	287,216	-	-	-	287,216	-	287,216
Long-term debt	-	7,195,353	-	-	523,900,171	-	-	-	531,095,524	-	531,095,524
Capital lease obligations	-	-	-	-	110,822,946	-	-	-	110,822,946	-	110,822,946
Unfunded pension liabilities	191,121	56,889	281,766	57,516	98,239,149	5,092	-	-	98,831,533	-	98,831,533
Other non-current liabilities	-	-	-	-	6,212,083	-	-	-	6,212,083	-	6,212,083
Total non-current liabilities	1,083,389	7,252,242	590,745	404,738	803,629,480	139,066	-	-	813,099,660	-	813,099,660
Total liabilities	2,099,175	13,111,527	1,990,404	780,110	885,150,433	1,572,795	102,872	792	904,808,108	(19,323,967)	885,484,141
<b>Deferred Inflow of Resources</b>											
Deferred gain on hedging instruments	-	-	-	-	3,468,280	-	-	-	3,468,280	-	3,468,280
Deferred pension gain 788 ATU and cleric:	-	-	-	-	4,139,064	-	-	-	4,139,064	-	4,139,064
Deferred pension gain IBEW	-	-	-	-	97,380	-	-	-	97,380	-	97,380
Deferred pension gain salaried	-	-	-	-	1,078,495	-	-	-	1,078,495	-	1,078,495
Total deferred inflow of resources	-	-	-	-	8,783,219	-	-	-	8,783,219	-	8,783,219
<b>Net Position</b>											
Net position - capital investments	-	15,027,607	1,107,091	18,965,932	449,653,738	-	-	-	484,754,368	-	484,754,368
Net position - unrestricted	4,264,843	(2,068,720)	(1,597,492)	2,431,987	86,996,702	(790,812)	155,550	61,695	89,453,753	-	89,453,753
Net income (loss)	322,860	399,311	191,148	(1,250,549)	(77,724,121)	(753,331)	148,115	16,579	(78,649,988)	-	(78,649,988)
Total net position	4,587,703	13,358,198	(299,253)	20,147,370	458,926,319	(1,544,143)	303,665	78,274	495,558,133	-	495,558,133
<b>Total</b>	<b>\$ 6,686,878</b>	<b>\$ 26,469,725</b>	<b>\$ 1,691,151</b>	<b>\$ 20,927,480</b>	<b>\$ 1,352,859,971</b>	<b>\$ 28,652</b>	<b>\$ 406,537</b>	<b>\$ 79,066</b>	<b>\$ 1,409,149,460</b>	<b>\$ (19,323,967)</b>	<b>\$ 1,389,825,493</b>



**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, 2018  
(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	Eliminations	Totals After Eliminations
<b>Revenue</b>											
Passenger and service revenues	\$ -	\$ 7,981,286	\$ 2,906,640	\$ 1,383,406	\$ 41,833,696	\$ -	\$ -	\$ -	\$ 54,105,028	\$ (79,804)	\$ 54,025,224
Interfund administrative fees	3,740,848	-	-	-	-	-	-	-	3,740,848	(3,740,848)	-
Partnership fees	-	-	-	-	-	100,000	-	-	100,000	-	100,000
City of St. Louis	-	-	-	-	35,523,817	-	-	-	35,523,817	-	35,523,817
St. Louis County	-	-	-	-	138,628,796	-	-	-	138,628,796	-	138,628,796
St. Clair County Transit District	-	-	-	-	53,464,388	-	-	-	53,464,388	-	53,464,388
State of Missouri and Illinois	-	-	-	-	732,865	-	-	-	732,865	-	732,865
Federal funding	-	-	-	-	18,145,156	-	-	-	18,145,156	-	18,145,156
Other local/regional funding	-	-	-	-	480,894	-	-	-	480,894	-	480,894
Not-for-profit	-	-	-	-	-	-	278,512	41,250	319,762	-	319,762
Contributions	-	-	-	-	-	-	195,116	218,685	413,801	(413,801)	-
Advertising, maint services, rental income	148,681	12,906	128,594	128,958	7,219,555	58,625	-	-	7,697,319	-	7,697,319
Interest income	43,883	110,181	-	10,400	9,728,694	104	-	-	9,893,262	-	9,893,262
Other operating revenue	330,557	(125,141)	947	143,026	-	-	2,571	-	351,960	-	351,960
<b>Total revenue</b>	<b>4,263,969</b>	<b>7,979,232</b>	<b>3,036,181</b>	<b>1,665,790</b>	<b>305,757,861</b>	<b>158,729</b>	<b>476,199</b>	<b>259,935</b>	<b>323,597,896</b>	<b>(4,234,453)</b>	<b>319,363,443</b>
<b>Expense</b>											
Wages and benefits	2,748,064	2,048,556	1,377,050	900,600	194,824,853	377,655	148,101	129,750	202,554,629	(271,541)	202,283,088
Services	855,163	1,028,719	256,751	179,601	28,690,077	399,458	124,203	43,710	31,577,682	(19,502)	31,558,180
Fuel and lube consumed	-	-	51,636	10,615	10,322,191	-	-	-	10,384,442	-	10,384,442
Materials and supplies	15,409	320,870	522,498	94,132	24,146,770	2,076	1,704	1,148	25,104,607	(1,606)	25,103,001
Utilities	3,034	26,621	98,456	202,123	7,070,562	-	1,247	572	7,402,615	(825)	7,401,790
Casualty and liability costs	-	(44,526)	141,693	50,797	6,822,023	-	-	-	6,969,987	-	6,969,987
Other expenses	319,439	2,108,733	141,406	120,030	6,043,011	132,371	47,879	68,176	8,981,045	(3,940,979)	5,040,066
Interest expense	-	299,503	-	-	25,439,188	-	-	-	25,738,691	-	25,738,691
Unrealized gain (loss) on investments	-	-	-	-	(464,701)	-	-	-	(464,701)	-	(464,701)
Contribution to outside entities	-	942,724	-	-	1,258,855	-	-	-	2,201,579	-	2,201,579
Other non-operating expense	-	113,666	-	-	1,014,697	-	-	-	1,128,363	-	1,128,363
<b>Total expense</b>	<b>3,941,109</b>	<b>6,844,866</b>	<b>2,589,490</b>	<b>1,557,898</b>	<b>305,167,526</b>	<b>911,560</b>	<b>323,134</b>	<b>243,356</b>	<b>321,578,939</b>	<b>(4,234,453)</b>	<b>317,344,486</b>
<b>Income (loss) before depreciation</b>	<b>322,860</b>	<b>1,134,366</b>	<b>446,691</b>	<b>107,892</b>	<b>590,335</b>	<b>(752,831)</b>	<b>153,065</b>	<b>16,579</b>	<b>2,018,957</b>	<b>-</b>	<b>2,018,957</b>
Depreciation and amortization expense	-	729,097	255,543	1,358,441	76,979,974	-	4,950	-	79,328,005	-	79,328,005
<b>Net income (loss) before transfers</b>	<b>322,860</b>	<b>405,269</b>	<b>191,148</b>	<b>(1,250,549)</b>	<b>(76,389,639)</b>	<b>(752,831)</b>	<b>148,115</b>	<b>16,579</b>	<b>(77,309,048)</b>	<b>-</b>	<b>(77,309,048)</b>
Net transfers in (out)	-	(5,958)	-	-	(1,334,482)	(500)	-	-	(1,340,940)	-	(1,340,940)
<b>Net income (loss)</b>	<b>\$ 322,860</b>	<b>\$ 399,311</b>	<b>\$ 191,148</b>	<b>\$ (1,250,549)</b>	<b>\$ (77,724,121)</b>	<b>\$ (753,331)</b>	<b>\$ 148,115</b>	<b>\$ 16,579</b>	<b>\$ (78,649,988)</b>	<b>\$ -</b>	<b>\$ (78,649,988)</b>





BI-STATE  
DEVELOPMENT

Executive Services

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# Executive Services

**For the Twelve Months Ended June 30, 2018**  
(Preliminary, subject to audit)

## Fast Facts

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

In April 2018 the Madison County Board and Chairman Kurt Prenzler approved the appointment of Derrick Keith Cox to the Bi-State Development Board of Commissioners replacing Commissioner David Dietzel, whose term has expired. Mr. Cox currently serves as a trustee for Collinsville Township in Illinois.

On June 5, 2018 it was announced that John Nations, President & Chief Executive Officer of Bi-State Development, had informed the Board of Commissioners of his intention to leave the organization, effective this fall. Nations said he is announcing his intentions now because he wants the Board to have sufficient time to find a successor as well as ensure a smooth transition. He has been President & Chief Executive Officer since 2010.

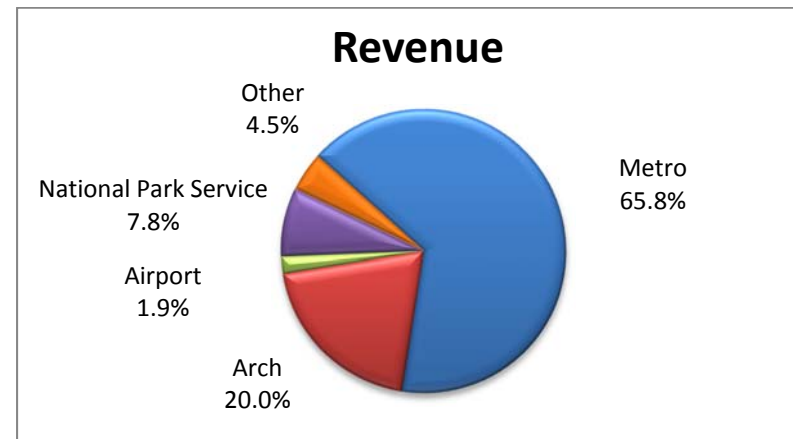
Missouri Governor Mike Parson appointed Rose Windmiller to the Bi-State Development Board of Commissioners. Windmiller's appointment fills the current vacancy on the Board of Commissioners.

## Financial Data

**Income before depreciation** is \$322.9 thousand and 3.1% less than the prior year. Revenues are up 11.8% and expenses are up 13.3%, compared to fiscal year 2017.

**Total revenue** includes the management fee assessments to Bi-State Development business units and the National Park Service. Total revenue is \$4.3 million, an increase from last year's total. 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.



**Total expense** is \$3.9 million compared to \$3.5 million in FY 2017.

**Wages and benefits** are 9.0% greater than fiscal year 2017 and 0.01% less than budget, due to a year over year increase in personnel.



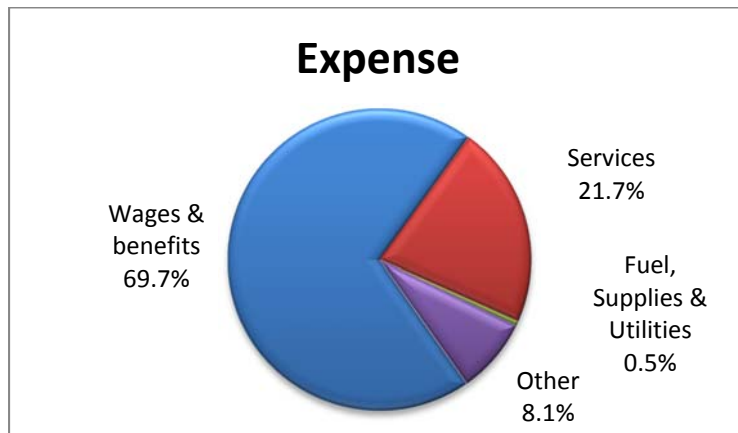
# Executive Services

**For the Twelve Months Ended June 30, 2018**

**(Preliminary, subject to audit)**

**Services** are 31.1% greater than fiscal year 2017 and 19.8% less than budget. An increase in auditor fees and consulting fees contribute to the increase from prior fiscal year.

**Other expenses** are 16.3% higher than fiscal year 2017.





**Executive Services**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 3,783,084	\$ 3,384,509	\$ 398,575	11.8	\$ 5,822,264	\$ (2,039,180)	(35.0)
Accounts and notes receivable	110,772	49,321	61,451	124.6	75,369	35,403	47.0
Interfund accounts receivable	2,790,098	2,752,544	37,554	1.4	1,458,532	1,331,566	91.3
Other current assets	2,924	21,751	(18,827)	(86.6)	60,454	(57,530)	(95.2)
Total current assets	6,686,878	6,208,125	478,753	7.7	7,416,619	(729,741)	(9.8)
Capital assets							
Capital assets	-	23,883	(23,883)	(100.0)	23,883	(23,883)	(100.0)
Accumulated depreciation	-	(23,883)	23,883	100.0	(23,883)	23,883	100.0
Total assets	6,686,878	6,208,125	478,753	7.7	7,416,619	(729,741)	(9.8)
<b>Total</b>	<b>\$ 6,686,878</b>	<b>\$ 6,208,125</b>	<b>\$ 478,753</b>	<b>7.7</b>	<b>\$ 7,416,619</b>	<b>\$ (729,741)</b>	<b>(9.8)</b>



**Executive Services**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 143,729	\$ 123,998	\$ 19,731	15.9	\$ 142,546	\$ 1,183	0.8
Interfund accounts payable	603,257	297,353	305,904	102.9	1,620,249	(1,016,992)	(62.8)
Accrued expenses	268,800	268,800	-	-	268,800	-	-
Other current liabilities	-	2,500	(2,500)	(100.0)	22,500	(22,500)	(100.0)
Total current liabilities	1,015,786	692,651	323,135	46.7	2,054,095	(1,038,309)	(50.5)
Non-current liabilities							
Other post-employment benefits	892,268	922,572	(30,304)	(3.3)	906,558	(14,290)	(1.6)
Unfunded pension liabilities	191,121	191,121	-	-	191,121	-	-
Total non-current liabilities	1,083,389	1,113,693	(30,304)	(2.7)	1,097,679	(14,290)	(1.3)
Total liabilities	2,099,175	1,806,344	292,831	16.2	3,151,774	(1,052,599)	(33.4)
<b>Net Position</b>							
Net position - capital investments	-	-	-	n/a	300	(300)	(100.0)
Net position	4,264,843	4,264,843	-	-	3,932,096	332,747	8.5
Net income (loss)	322,860	136,938	185,922	135.8	332,449	(9,589)	(2.9)
Total net position	4,587,703	4,401,781	185,922	4.2	4,264,845	322,858	7.6
<b>Total</b>	<b>\$ 6,686,878</b>	<b>\$ 6,208,125</b>	<b>\$ 478,753</b>	<b>7.7</b>	<b>\$ 7,416,619</b>	<b>\$ (729,741)</b>	<b>(9.8)</b>



**Executive Services**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Admin fees - Transit	\$ 682,609	\$ 792,941	\$ (110,332)	(13.9)	\$ 694,993	\$ 2,808,000	\$ 3,171,763	\$ (363,763)	(11.5)	\$ 2,672,175
Admin fees - Gateway Arch	314,270	338,687	(24,417)	(7.2)	163,008	850,952	940,498	(89,546)	(9.5)	600,010
Admin fees - Airport	20,704	21,670	(966)	(4.5)	20,599	81,896	86,680	(4,784)	(5.5)	78,849
National Park Service management fee	105,351	106,865	(1,514)	(1.4)	66,498	330,557	327,545	3,012	0.9	226,097
Other operating revenue	-	23,324	(23,324)	(100.0)	3,375	148,681	93,296	55,385	59.4	213,038
Other revenue	-	-	-	-	-	-	-	-	-	7,027
Service fee revenue	-	-	-	-	118	-	-	-	-	-
Interest income	12,857	281	12,576	4,475.4	7,987	43,883	1,125	42,758	3,800.7	14,167
<b>Total revenue</b>	<u>1,135,791</u>	<u>1,283,768</u>	<u>(147,977)</u>	<u>(11.5)</u>	<u>956,578</u>	<u>4,263,969</u>	<u>4,620,907</u>	<u>(356,938)</u>	<u>(7.7)</u>	<u>3,811,363</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	693,159	686,003	(7,156)	(1.0)	692,506	2,748,064	2,748,301	237	-	2,520,123
Services	168,294	260,378	92,084	35.4	89,973	855,163	1,065,963	210,800	19.8	652,180
Materials and supplies	4,094	13,924	9,830	70.6	6,291	15,409	31,737	16,328	51.4	21,944
Utilities	701	2,171	1,470	67.7	951	3,034	8,685	5,651	65.1	4,242
Casualty and liability costs	-	-	-	-	-	-	-	-	-	5,000
Other expenses	83,621	92,847	9,226	9.9	52,268	319,439	374,333	54,894	14.7	274,742
Other non-operating expense	-	-	-	-	1,973	-	-	-	-	-
<b>Total expense</b>	<u>949,869</u>	<u>1,055,323</u>	<u>105,454</u>	<u>10.0</u>	<u>843,962</u>	<u>3,941,109</u>	<u>4,229,019</u>	<u>287,910</u>	<u>6.8</u>	<u>3,478,231</u>
<b>Income (loss) before depreciation</b>	<u>185,922</u>	<u>228,445</u>	<u>(42,523)</u>	<u>(18.6)</u>	<u>112,616</u>	<u>322,860</u>	<u>391,888</u>	<u>(69,028)</u>	<u>(17.6)</u>	<u>333,132</u>
Depreciation and amortization expense	-	297	297	100.0	-	-	1,941	1,941	100.0	683
<b>Net income (loss)</b>	<u>\$ 185,922</u>	<u>\$ 228,148</u>	<u>\$ (42,226)</u>	<u>(18.5)</u>	<u>\$ 112,616</u>	<u>\$ 322,860</u>	<u>\$ 389,947</u>	<u>\$ (67,087)</u>	<u>(17.2)</u>	<u>\$ 332,449</u>

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



**Executive Services**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 560,117	\$ 537,915	\$ (22,202)	(4.1)	\$ 560,946	\$ 2,201,801	\$ 2,151,659	\$ (50,142)	(2.3)	\$ 2,017,371
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	39,696	41,150	1,454	3.5	38,280	149,346	164,602	15,256	9.3	135,898
Unemployment insurance	187	1,397	1,210	86.6	204	2,193	9,640	7,447	77.3	3,152
Worker's compensation insurance	-	1,618	1,618	100.0	-	-	6,471	6,471	100.0	-
<b>Health and welfare</b>										
Medical	43,700	34,000	(9,700)	(28.5)	39,713	164,977	136,000	(28,977)	(21.3)	150,486
Dental	1,227	1,078	(149)	(13.8)	1,078	4,824	4,312	(512)	(11.9)	4,478
Other post employment benefits	-	15,363	15,363	100.0	7,101	16,013	61,688	45,675	74.0	27,023
Life insurance / AD&D	820	259	(561)	(216.6)	791	3,482	1,037	(2,445)	(235.8)	2,755
Short and long term disability	3,194	1,275	(1,919)	(150.5)	2,901	13,448	5,100	(8,348)	(163.7)	12,682
FMLA administration expense	-	111	111	100.0	-	-	442	442	100.0	175
EAP expense	66	72	6	8.3	67	286	289	3	1.0	279
<b>Retirement</b>										
Pension expense	16,396	34,000	17,604	51.8	16,130	79,640	136,000	56,360	41.4	64,937
401 K contributions	27,756	17,765	(9,991)	(56.2)	25,295	112,054	71,061	(40,993)	(57.7)	101,070
<b>Other</b>										
Benefit costs applied to capital projects.	-	-	-	-	-	-	-	-	-	(183)
<b>Total company paid benefits</b>	<u>133,042</u>	<u>148,088</u>	<u>15,046</u>	<u>10.2</u>	<u>131,560</u>	<u>546,263</u>	<u>596,642</u>	<u>50,379</u>	<u>8.4</u>	<u>502,752</u>
<b>Total wages and benefits</b>	<u>\$ 693,159</u>	<u>\$ 686,003</u>	<u>\$ (7,156)</u>	<u>(1.0)</u>	<u>\$ 692,506</u>	<u>\$ 2,748,064</u>	<u>\$ 2,748,301</u>	<u>\$ 237</u>	<u>-</u>	<u>\$ 2,520,123</u>



**Executive Services**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

<u>Description</u>	<u>Total</u>	<u>Executive Services Operating Fund</u>	<u>Investments Operating Fund</u>	<u>Other Restricted Fund</u>
<b>Balance at April 1, 2018</b>				
<b>Cash &amp; Investments</b>	\$ 3,384,509	\$ 323	\$ 3,166,476	\$ 217,710
<b>Add:</b>				
Metro	310,843	140,268	170,575	-
St Louis Downtown Airport	272,957	80,703	192,254	-
Riverfront Attractions	548,000	548,000	-	-
St. Louis Regional Freightway	95,394	95,394	-	-
Interest received	12,857	-	12,857	-
<b>Total cash receipts</b>	<u>1,240,051</u>	<u>864,365</u>	<u>375,686</u>	<u>-</u>
Interfund transfers	-	(320,301)	320,301	-
<b>Less:</b>				
Cash disbursements	<u>(841,476)</u>	<u>(544,122)</u>	<u>(297,354)</u>	<u>-</u>
<b>Total cash disbursements</b>	<u>(841,476)</u>	<u>(544,122)</u>	<u>(297,354)</u>	<u>-</u>
<b>Balance at June 30, 2018</b>				
<b>Cash &amp; Investments</b>	<u>\$ 3,783,084</u>	<u>\$ 265</u>	<u>\$ 3,565,109</u>	<u>\$ 217,710</u>



**Executive Services**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 443,835	
Payments to employees	(2,762,356)	<b>Noncash Activities:</b>
Payments to vendors	(1,156,833)	None
Receipts (payments) from inter-fund activity	<u>1,392,291</u>	
<b>Net cash provided by (used in) operating activities</b>	<u>(2,083,063)</u>	
<b>Cash flows from non capital financing activities</b>		
None	<u>-</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>-</u>	
<b>Cash flows from capital and related financing activities</b>		
None	<u>-</u>	
<b>Cash flows from capital and related financing activities</b>	<u>-</u>	
<b>Cash flows from investing activities</b>		
Interest received	<u>43,883</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>43,883</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	(2,039,180)	
<b>Cash and cash equivalents, beginning of year</b>	<u>5,822,264</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 3,783,084</u>	



**Executive Services**  
**Capital Expenditures for Active Projects**  
For the Quarter Ended June 30, 2018  
(unaudited)

Description	<u>Budget</u>	<u>Current</u>	<u>Year-To-Date</u>	<u>Life-To-Date</u>	<u>Balance</u>
Project #	\$ -	\$ -	\$ -	\$ -	\$ -
Total Active Projects	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>





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# Gateway Arch Tram

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

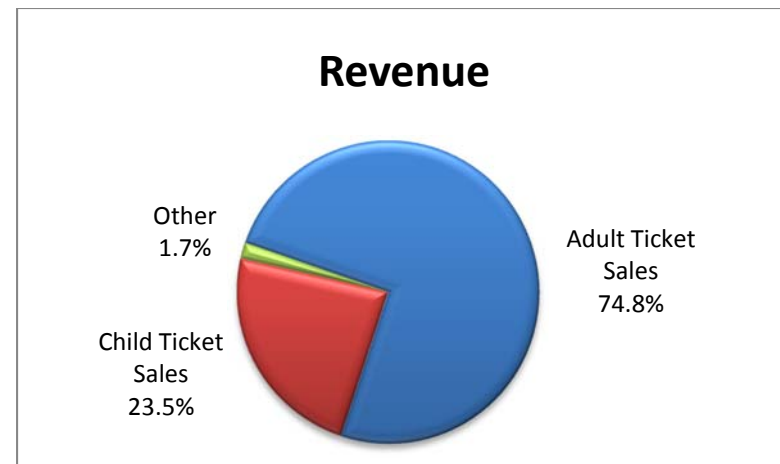
On July 3, 2018 CityArchRiver project partners – the National Park Service, Gateway Arch Park Foundation, Bi-State Development, Great Rivers Greenway, Jefferson National Parks Association and the City of St. Louis – marked the grand opening of the Museum at the Gateway Arch. Several celebratory events, including a ribbon cutting ceremony with local, regional and national dignitaries – including Secretary of the Interior Ryan Zinke – and a community celebration in the park's North Gateway marked the completion of the \$380-million CityArchRiver project to renovate the national park, the St. Louis Riverfront and Kiener Plaza.

Attendance at the Arch continues to be strong as guests experience the new interactive exhibits and tour experience.

## Financial Data

**Income before depreciation** for the Gateway Arch Tram is \$1.1 million.

**Revenue** is \$8.0 million and is \$2.2 million more than the prior year primarily due to a 47.4% increase in tram ticket sales..



**Total expense** is \$6.8 million compared to \$5.9 million in FY 2017.

**Wages and benefits** \$2.0 million in expense is 19.8% greater than prior year primarily due to the extra staffing needed since the Arch Trams are fully operational.

**Services** expense exceed prior year by \$148 thousand due to higher consultant fees, maintenance services and banking charges.

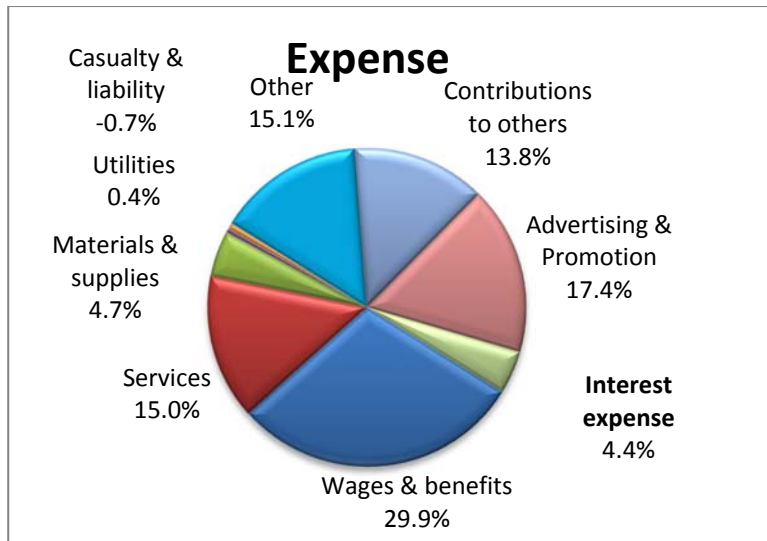
**Contributions to outside entities** is \$0.9 million. The majority of the payments were for expenses related to the ongoing Arch Rehabilitation project.



# Gateway Arch Tram

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)



## Performance Data

Tram Ridership Comparison			
	Adult	Child	Total
FY18 Actual	608,441	191,135	799,576
FY18 Budget	647,578	235,883	883,461
FY17 Actual	411,066	131,947	543,013

**Tram ridership** was 9.5% less than budget. Tram ridership increased 47.2% compared to prior year. This was due to the Arch Trams being fully operational.



**Gateway Arch Tram**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 12,971,482	\$ 11,122,921	\$ 1,848,561	16.6	\$ 13,124,872	\$ (153,390)	(1.2)
Accounts and notes receivable	29,215	8,553	20,662	241.6	107,602	(78,387)	(72.8)
Interfund accounts receivable	3,709,831	3,584,050	125,781	3.5	100,000	3,609,831	n/a
Federal, state and local assistance receivable	11,378	27,277	(15,899)	(58.3)	289,443	(278,065)	(96.1)
Other current assets	34,923	43,637	(8,714)	(20.0)	34,689	234	0.7
Total current assets	16,756,829	14,786,438	1,970,391	13.3	13,656,606	3,100,223	22.7
Capital assets							
Capital assets	17,059,509	13,989,917	3,069,592	21.9	13,229,243	3,830,266	29.0
Accumulated depreciation	(7,587,262)	(7,189,230)	(398,032)	(5.5)	(6,858,163)	(729,099)	(10.6)
Total capital assets, net	9,472,247	6,800,687	2,671,560	39.3	6,371,080	3,101,167	48.7
Construction-in-process	240,649	3,172,660	(2,932,011)	(92.4)	3,454,010	(3,213,361)	(93.0)
Total capital assets	9,712,896	9,973,347	(260,451)	(2.6)	9,825,090	(112,194)	(1.1)
Total assets	26,469,725	24,759,785	1,709,940	6.9	23,481,696	2,988,029	12.7
<b>Total</b>	<u>\$ 26,469,725</u>	<u>\$ 24,759,785</u>	<u>\$ 1,709,940</u>	6.9	<u>\$ 23,481,696</u>	<u>\$ 2,988,029</u>	12.7



**Gateway Arch Tram**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 498,992	\$ 308,136	\$ 190,856	61.9	\$ 1,146,832	\$ (647,840)	(56.5)
Interfund accounts payable	3,855,529	2,933,046	922,483	31.5	883,214	2,972,315	336.5
Accrued expenses	74,500	74,500	-	-	74,500	-	-
Other current liabilities	981,079	889,371	91,708	10.3	19,660	961,419	n/a
Total current liabilities	5,410,100	4,205,053	1,205,047	28.7	2,124,206	3,285,894	154.7
Current liab payable from restricted assets							
Accounts payable and retention	264,877	264,877	-	-	472,727	(207,850)	(44.0)
Accrued interest payable	24,615	99,497	(74,882)	(75.3)	25,128	(513)	(2.0)
Current portion of long-term debt	159,693	156,550	3,143	2.0	153,468	6,225	4.1
Total current liabilities payable from restricted assets	449,185	520,924	(71,739)	(13.8)	651,323	(202,138)	(31.0)
Total current liabilities	5,859,285	4,725,977	1,133,308	24.0	2,775,529	3,083,756	111.1
Non-current liabilities							
Other post-employment benefits	-	5,411	(5,411)	(100.0)	-	-	n/a
Long-term debt	7,195,353	7,275,992	(80,639)	(1.1)	7,355,047	(159,694)	(2.2)
Unfunded pension liabilities	56,889	56,889	-	-	56,889	-	-
Total non-current liabilities	7,252,242	7,338,292	(86,050)	(1.2)	7,411,936	(159,694)	(2.2)
Total liabilities	13,111,527	12,064,269	1,047,258	8.7	10,187,465	2,924,062	28.7
<b>Net Position</b>							
Net position - capital investments	15,027,607	13,363,132	1,664,475	12.5	14,650,684	376,923	2.6
Net position	(2,068,720)	(404,244)	(1,664,476)	(411.8)	(869,136)	(1,199,584)	(138.0)
Net income (loss)	399,311	(263,372)	662,683	251.6	(487,317)	886,628	181.9
Total net position	13,358,198	12,695,516	662,682	5.2	13,294,231	63,967	0.5
<b>Total</b>	<b>\$ 26,469,725</b>	<b>\$ 24,759,785</b>	<b>\$ 1,709,940</b>	<b>6.9</b>	<b>\$ 23,481,696</b>	<b>\$ 2,988,029</b>	<b>12.7</b>



**Gateway Arch Tram**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Arch tickets	\$ 2,649,194	\$ 2,957,280	\$ (308,086)	(10.4)	\$ 1,563,694	\$ 7,981,286	\$ 8,834,610	\$ (853,324)	(9.7)	\$ 5,381,448
Other operating revenue	8,304	775	7,529	971.5	4,345	12,906	3,100	9,806	316.3	15,080
Other revenue	-	-	-	-	6,176	-	-	-	-	-
Service fee revenue	2,328	7,200	(4,872)	(67.7)	4,410	10,029	28,799	(18,770)	(65.2)	11,433
Interest income	36,273	2,813	33,460	1,189.5	17,923	110,181	11,250	98,931	879.4	53,082
Sales discount	(27,250)	(31,196)	3,946	12.6	(27,126)	(135,170)	(124,786)	(10,384)	(8.3)	(72,531)
Other local/regional funding 1	-	-	-	-	335,344	-	-	-	-	335,344
<b>Total revenue</b>	<u>2,668,849</u>	<u>2,936,872</u>	<u>(268,023)</u>	<u>(9.1)</u>	<u>1,904,766</u>	<u>7,979,232</u>	<u>8,752,973</u>	<u>(773,741)</u>	<u>(8.8)</u>	<u>5,723,856</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	589,583	685,578	95,995	14.0	513,663	2,048,556	2,429,152	380,596	15.7	1,709,553
Services	269,825	281,494	11,669	4.1	219,648	1,028,719	1,095,837	67,118	6.1	880,838
Materials and supplies	107,304	34,912	(72,392)	(207.4)	23,299	320,870	245,843	(75,027)	(30.5)	176,616
Utilities	(12,483)	36,910	49,393	133.8	26,317	26,621	124,285	97,664	78.6	106,844
Casualty and liability costs	(81,132)	14,917	96,049	643.9	13,876	(44,526)	59,668	104,194	174.6	54,541
Other expenses	624,255	695,332	71,077	10.2	438,378	2,108,733	2,147,256	38,523	1.8	1,630,280
Interest expense	74,363	75,004	641	0.9	75,884	299,503	300,016	513	0.2	305,505
Contribution to outside entities	32,886	206,437	173,551	84.1	281,999	942,724	825,749	(116,975)	(14.2)	1,072,743
Other non-operating expense	3,534	-	(3,534)	-	-	113,666	-	(113,666)	-	15,055
<b>Total expense</b>	<u>1,608,135</u>	<u>2,030,584</u>	<u>422,449</u>	<u>20.8</u>	<u>1,593,064</u>	<u>6,844,866</u>	<u>7,227,806</u>	<u>382,940</u>	<u>5.3</u>	<u>5,951,975</u>
<b>Income (loss) before depreciation</b>	<u>1,060,714</u>	<u>906,288</u>	<u>154,426</u>	<u>17.0</u>	<u>311,702</u>	<u>1,134,366</u>	<u>1,525,167</u>	<u>(390,801)</u>	<u>(25.6)</u>	<u>(228,119)</u>
Depreciation and amortization expense	<u>398,031</u>	<u>28,765</u>	<u>(369,266)</u>	<u>(1,283.7)</u>	<u>101,004</u>	<u>729,097</u>	<u>151,874</u>	<u>(577,223)</u>	<u>(380.1)</u>	<u>257,858</u>
<b>Net income (loss) before transfers</b>	<u>662,683</u>	<u>877,523</u>	<u>(214,840)</u>	<u>(24.5)</u>	<u>210,698</u>	<u>405,269</u>	<u>1,373,293</u>	<u>(968,024)</u>	<u>(70.5)</u>	<u>(485,977)</u>
<b>Net transfers in (out)</b>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(5,958)</u>	<u>-</u>	<u>(5,958)</u>	<u>-</u>	<u>(1,340)</u>
<b>Net income (loss)</b>	<u>\$ 662,683</u>	<u>\$ 877,523</u>	<u>\$ (214,840)</u>	<u>(24.5)</u>	<u>\$ 210,698</u>	<u>\$ 399,311</u>	<u>\$ 1,373,293</u>	<u>\$ (973,982)</u>	<u>(70.9)</u>	<u>\$ (487,317)</u>

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



**Gateway Arch Tram**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 498,650	\$ 542,603	\$ 43,953	8.1	\$ 432,595	\$ 1,696,946	\$ 1,853,120	\$ 156,174	8.4	\$ 1,413,588
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	37,445	35,441	(2,004)	(5.7)	31,807	128,910	141,764	12,854	9.1	104,905
Unemployment insurance	2,082	6,577	4,495	68.3	1,767	8,182	30,335	22,153	73.0	9,429
Worker's compensation insurance	-	5,431	5,431	100.0	1,933	(2,974)	21,723	24,697	113.7	6,725
<b>Health and welfare</b>										
Medical	43,765	33,300	(10,465)	(31.4)	30,452	149,664	133,200	(16,464)	(12.4)	117,355
Dental	1,096	1,056	(40)	(3.8)	885	4,232	4,223	(9)	(0.2)	3,762
Other post employment benefits	-	6,724	6,724	100.0	2,667	5,411	27,000	21,589	80.0	10,001
Life insurance / AD&D	416	254	(162)	(63.8)	349	1,659	1,016	(643)	(63.3)	1,239
Short and long term disability	1,257	1,249	(8)	(0.6)	1,005	5,053	4,995	(58)	(1.2)	4,500
FMLA administration expense	-	108	108	100.0	-	-	433	433	100.0	1,146
EAP expense	64	71	7	9.9	56	261	283	22	7.8	241
<b>Retirement</b>										
Pension expense	(2,332)	32,411	34,743	107.2	4,033	20,623	129,642	109,019	84.1	19,329
401 K contributions	12,438	17,649	5,211	29.5	11,058	50,071	70,597	20,526	29.1	44,189
<b>Other</b>										
Uniform allowance	29	2,704	2,675	98.9	3,268	8,264	10,821	2,557	23.6	5,918
Miscellaneous benefits	-	-	-	-	-	3,310	-	(3,310)	-	6,550
Benefit costs applied to capital projects.	(5,327)	-	5,327	-	(8,212)	(31,056)	-	31,056	-	(39,324)
<b>Total company paid benefits</b>	<u>90,933</u>	<u>142,975</u>	<u>52,042</u>	<u>36.4</u>	<u>81,068</u>	<u>351,610</u>	<u>576,032</u>	<u>224,422</u>	<u>39.0</u>	<u>295,965</u>
<b>Total wages and benefits</b>	<u>\$ 589,583</u>	<u>\$ 685,578</u>	<u>\$ 95,995</u>	<u>14.0</u>	<u>\$ 513,663</u>	<u>\$ 2,048,556</u>	<u>\$ 2,429,152</u>	<u>\$ 380,596</u>	<u>15.7</u>	<u>\$ 1,709,553</u>



**Gateway Arch Tram**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(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	Tucker Theater 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
<b>Balance at April 1, 2018</b>														
<b>Cash &amp; Investments</b>	\$11,122,921	\$ 1,710,992	\$ 250	\$ 688,392	\$5,379,167	\$ -	\$ 1,216,473	\$ 92,831	\$ 300,343	\$ 500,000	\$ 628,508	\$ 454,802	\$ 151,162	\$ 1
<b>Add:</b>														
Revenue receipts	4,053,866	3,896,948	-	156,918	-	-	-	-	-	-	-	-	-	-
Interest received	36,271	-	-	4,786	19,731	-	4,509	350	1,132	-	2,533	1,778	651	801
<b>Total cash receipts</b>	<u>4,090,137</u>	<u>3,896,948</u>	<u>-</u>	<u>161,704</u>	<u>19,731</u>	<u>-</u>	<u>4,509</u>	<u>350</u>	<u>1,132</u>	<u>-</u>	<u>2,533</u>	<u>1,778</u>	<u>651</u>	<u>801</u>
Interfund transfers	-	(2,123,208)	-	582,857	30	-	-	-	-	-	-	(2,465)	112,719	1,430,067
<b>Less:</b>														
Cash disbursements	(2,241,576)	(481,965)	-	-	(58,953)	-	(22,925)	-	-	-	(20,122)	-	(226,742)	(1,430,869)
<b>Total cash disbursements</b>	<u>(2,241,576)</u>	<u>(481,965)</u>	<u>-</u>	<u>-</u>	<u>(58,953)</u>	<u>-</u>	<u>(22,925)</u>	<u>-</u>	<u>-</u>	<u>-</u>	<u>(20,122)</u>	<u>-</u>	<u>(226,742)</u>	<u>(1,430,869)</u>
<b>Balance at June 30, 2018</b>														
<b>Cash &amp; Investments</b>	<u>\$12,971,482</u>	<u>\$ 3,002,767</u>	<u>\$ 250</u>	<u>\$ 1,432,953</u>	<u>\$5,339,975</u>	<u>\$ -</u>	<u>\$ 1,198,057</u>	<u>\$ 93,181</u>	<u>\$ 301,475</u>	<u>\$ 500,000</u>	<u>\$ 610,919</u>	<u>\$ 454,115</u>	<u>\$ 37,790</u>	<u>\$ -</u>



**Gateway Arch**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 7,947,438	<b>Noncash Activities:</b> None
Payments to employees	(2,048,556)	
Payments to vendors	(2,320,646)	
Payments for self-insurance	44,526	
Receipts (payments) from inter-fund activity	<u>(1,488,468)</u>	
<b>Net cash provided by (used in) operating activities</b>	<u>2,134,294</u>	
<b>Cash flows from non capital financing activities</b>		
Operating assistance received	278,065	
Contributions to outside entities	(942,724)	
Net transfers	(5,958)	
Nonoperating contributions	<u>(113,666)</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>(784,283)</u>	
<b>Cash flows from capital and related financing activities</b>		
Acquisitions of capital assets	(824,754)	
Payments of long-term debt	(153,468)	
Interest Paid	(300,016)	
Contributed capital	<u>(335,344)</u>	
<b>Cash flows from capital and related financing activities</b>	<u>(1,613,582)</u>	
<b>Cash flows from investing activities</b>		
Interest received	<u>110,181</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>110,181</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	<u>(153,390)</u>	
<b>Cash and cash equivalents, beginning of year</b>	<u>13,124,872</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 12,971,482</u>	



**Gateway Arch Tram**  
**Capital Expenditures for Active Projects**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description			<u>Budget</u>	<u>Current</u>	<u>Year-To-Date</u>	<u>Life-To-Date</u>	<u>Balance</u>
<b>Project #</b>							
1824	Load Zone Rehabilitation	x	\$ 3,427,280	\$ 67,501	\$ 657,689	\$ 2,951,956	\$ 475,324
1825	JNEM Rail Station Improvements	z	359,612	-	5,958	104,755	254,857
1826	JNEM Arch Lobby Rehabilitation	y	1,087,107	(829)	637,397	921,629	165,478
1903	Arch Motor Generator Replacement	x	7,492,163	20,122	776,572	6,914,543	577,620
2034	Arch Ticketing Upgrade	y	468,668	8,054	10,535	412,584	56,084
2073	PGAV - Arch Welcoming Portal		44,000	-	-	13,238	30,762
2124	Gateway Arch Furnishings		156,000	41,329	43,073	108,425	47,575
2126	Professional Services to NPS	y	225,000	21,432	97,784	143,389	81,611
2131	JNEM Signage Project 2016	y	590,000	27,585	35,233	64,749	525,251
2186	Design Support House Exhibits	y	50,000	-	32,943	32,943	17,057
2197	TR Advisors, LLC	y	105,000	16,759	46,111	46,111	58,889
2203	Tucker Theatre Space		300,000	4,223	6,131	6,131	293,869
2221	Tucker Theatre Consultant		60,000	-	-	-	60,000
<b>Total Active Projects</b>			<u>\$ 14,364,830</u>	<u>\$ 206,176</u>	<u>\$ 2,349,426</u>	<u>\$ 11,720,453</u>	<u>\$ 2,644,377</u>

- 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



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# Metro

**For the Twelve Months Ended June 30, 2018**  
(Preliminary, subject to audit)

## Fast Facts

Metro began offering the new Gateway Go Card to area youth between 13 and 25 years old, which enables them to purchase fares at a 50 percent discount to ride MetroLink and MetroBus routes. The pilot fare program uses a special version of the Metro Gateway Card smart card, and young people are able to load one-ride tickets, two-hour passes and monthly passes directly to the Gateway Go Card at half their normal price. The new program runs through August 31, 2018, and is a partnership between the City of St. Louis, St. Louis County, St. Clair County, St. Louis Economic Development Partnership, the St. Clair County Transit District, and Bi-State Development.

The Cortex MetroLink Station and the first quarter-mile section of the Chouteau Greenway is the region's newest greenway, and the first MetroLink station to be built in more than a decade. It opened this summer. This is also the first MetroLink station to be constructed using public and private funding through a partnership between the Federal Transit Administration, Cortex, Washington University, BJC Healthcare, Great Rivers Greenway, the City of St. Louis, Citizens for Modern Transit, Metro Transit and Bi-State Development.

The Board of Commissioners of Bi-State Development approved the operating and capital budget for the Fiscal Year (FY) that begins July 1, 2018, at the Board meeting on April 27. The budget outlines operational expenses before depreciation of \$369 million for FY2019, and projected operational expenses before depreciation of \$378 million for FY 2020 and \$387 million for FY2021. The budget does not include a fare increase for the Metro transit system in FY2019. Bi-State Development also outlined a three-year capital budget totaling \$726 million, with \$698 million allocated to Metro transit and \$28 million to the Business Enterprise Division. Major capital expenditures planned for this period include upgrades to

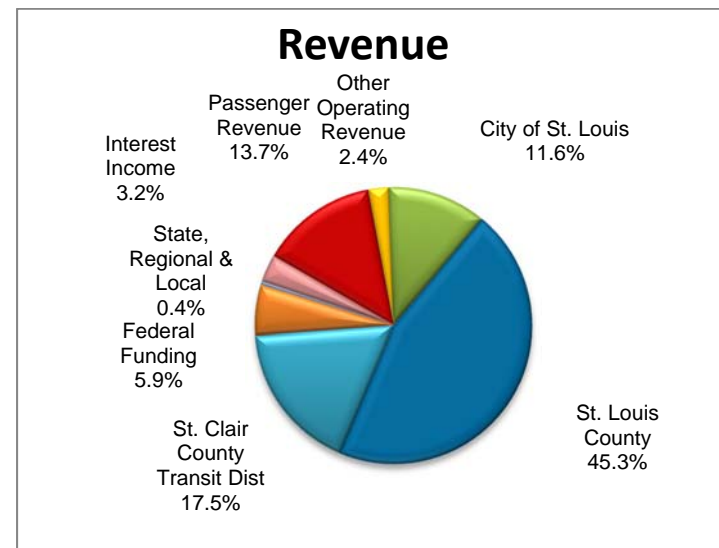
MetroLink light rail vehicles, rehabilitation of the MetroLink tunnel below Union Station, construction work for the new Cortex MetroLink Station and the extension of the platform at the Central West End MetroLink Station.

## Financial Data

**Income before depreciation** for the twelve months ended June 30, 2018 was \$590 thousand. Compared to budget, revenue was down 8.8% and total expenses are favorable 10.1%.

## **Revenue**

The chart below illustrates the relative size of each revenue source in fiscal year 2018.





# Metro

## For the Twelve Months Ended June 30, 2018 (Preliminary, subject to audit)

**Passenger Revenue** of \$41.8 million is 8.2% less than budget and 6.4% less than the prior year due to ridership decline.

**Advertising, maintenance services and rental income** are below budget by 18.3% due to the lower than expected paratransit contract and ATS revenue as well as the ending of the St. Louis City Fire Truck maintenance agreement for which Metro provided services.

**Interest revenue** is favorable to budget in FY 2018 due to longer term investment strategy and rising rates.

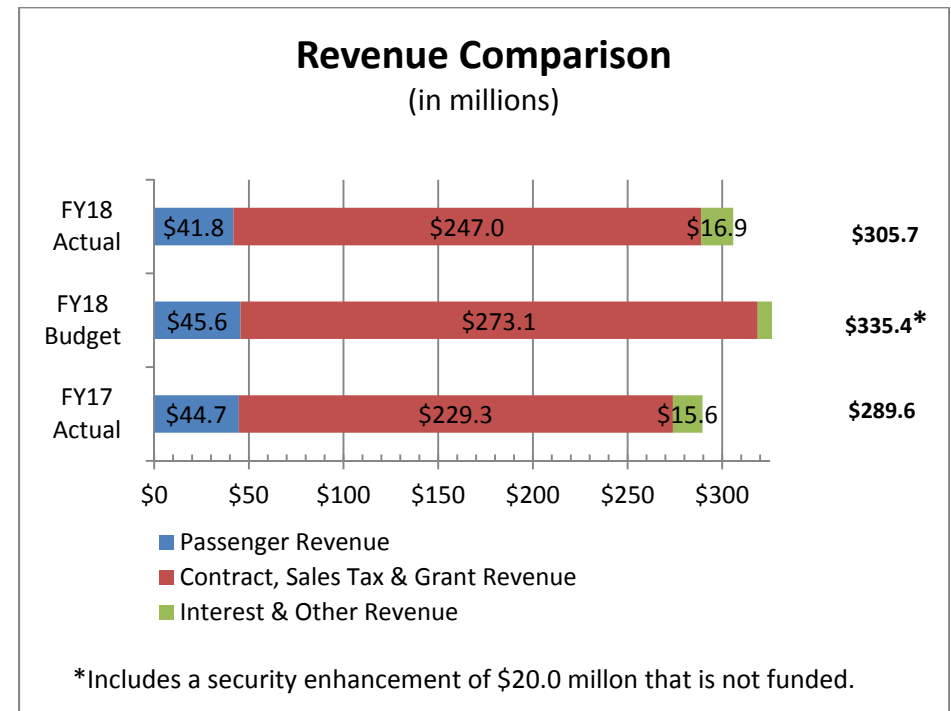
### Contract, Sales Tax & Grant Revenue

Combined St. Louis City and County appropriations used in operations by Bi-State Development are favorable by 10.9% from FY 2017 actual. Sales taxes support revenue 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 4.0% more than the prior year due to slightly more Motorbus hours and an increase in rate for both Motorbus and Metrolink over prior year. St. Clair County contracts for service and pays 100% of the cost.

**Federal funding** of \$18.1 million includes an accrual of federal vehicle maintenance funds of \$16.0 million used for revenue and non-revenue vehicle operating costs. The funds were received the first of July 2018. Federal funding for non-capital projects decreased from budget expectations due to time spent on capital projects, i.e. Cortex Complex and Union station tunnels.

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



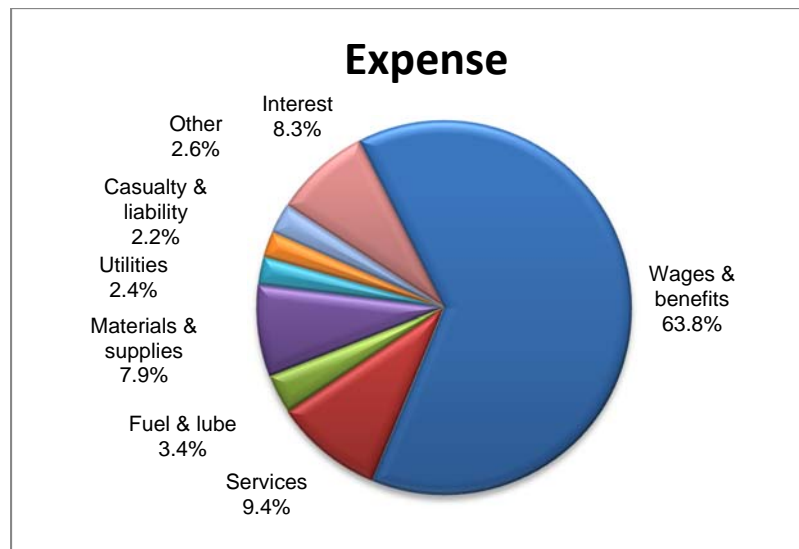


# Metro

**For the Twelve Months Ended June 30, 2018**  
(Preliminary, subject to audit)

## Expense

The chart below illustrates the relative significance of each expense in FY 2018.



**Wages and benefits** of \$194.8 million are 2.7% favorable to budget. The favorable variance in wages and benefits is due to vacant positions.

**Services** of \$28.7 million are favorable to budget primarily due to lower outside services including \$20.0 million budgeted for enhanced security. The additional services were to be determined necessary by a memorandum of understanding between Metro, St. Louis County and the City of St. Louis.

**Fuel and lube consumed** is \$2.2 million or 17.4% favorable to budget due to lower diesel prices and usage, and more fuel efficient buses placed in service. Fuel Hedging Contracts also show a realized gain which is another favorable factor.

**Materials and supplies** are unfavorable to prior year by 8.5% due to changing expectations for motorbus engines and fuel injectors which contribute to the higher costs. Current year actual expense is favorable to budget by 5.0% due to favorable ticket stock spending.

**Utilities** are favorable to budget by 16.2% as a result of lower than budgeted natural gas prices, electricity and Metrolink electric propulsion.

**Casualty & liability** expenditures are unfavorable to budget by \$1.2 million or 22.3% due to higher than expected self-insured claims that relate to MetroBus, MetroLink and Call-a-Ride.

**Interest expense** is comparable to budget for Tower Leases and Cross County debt.

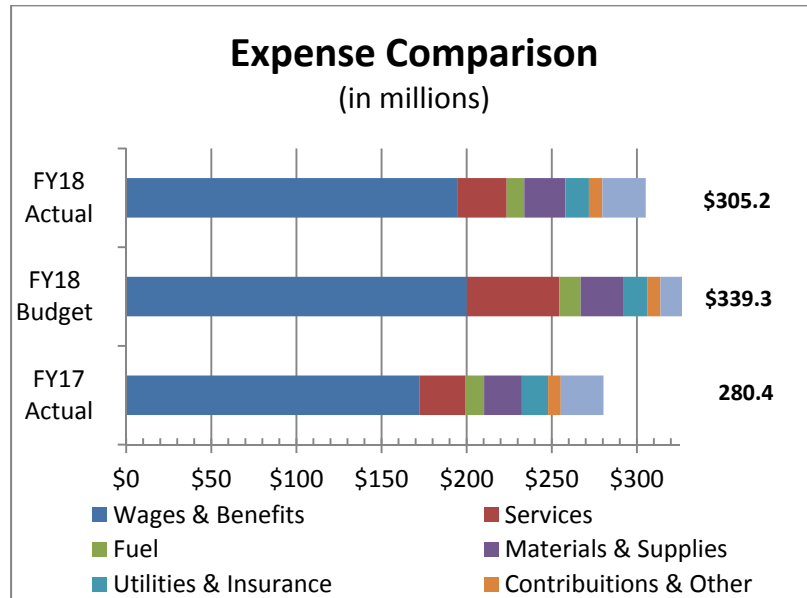
**Other expense** is made up of contributions to outside entities, unrealized loss on investments and loss on excess property sales. They show an unfavorable variance of 4.7% to budget due to unrealized loss on investments and a loss on disposition of assets.



# Metro

**For the Twelve Months Ended June 30, 2018**  
(Preliminary, subject to audit)

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



## Performance Data

Passenger Boardings (in millions – YTD)			
	FY 2018	FY 2017	FY 2016
MetroBus	23.7	25.6	27.7
MetroLink	13.6	14.9	15.8
Call-A-Ride	<u>0.5</u>	<u>0.5</u>	<u>0.6</u>
Total System	37.8	41.0	44.1

**Passenger Boardings** for the fiscal year 2018 are 7.9% below fiscal year 2017 and 16.7% below fiscal year 2016. The decrease between fiscal year 2018 and 2017 for MetroBus is 7.4%, MetroLink is 9.0% and Call-A-Ride is 0.6%.



**Metro**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 87,172,921	\$ 84,269,198	\$ 2,903,723	3.4	\$ 108,607,481	\$ (21,434,560)	(19.7)
Investments	131,903,100	143,035,887	(11,132,787)	(7.8)	100,565,401	31,337,699	31.2
Accounts and notes receivable	3,129,230	3,090,224	39,006	1.3	2,612,918	516,312	19.8
Interfund accounts receivable	12,511,343	8,692,445	3,818,898	43.9	4,307,034	8,204,309	190.5
Restricted accounts receivable	999,476	773,359	226,117	29.2	689,092	310,384	45.0
Federal, state and local assistance receivable	36,603,233	43,980,302	(7,377,069)	(16.8)	33,646,855	2,956,378	8.8
Materials and supplies inventory	8,562,411	9,467,295	(904,884)	(9.6)	9,607,426	(1,045,015)	(10.9)
Other current assets	4,692,186	5,305,842	(613,656)	(11.6)	1,429,857	3,262,329	228.2
Total current assets	285,573,900	298,614,552	(13,040,652)	(4.4)	261,466,064	24,107,836	9.2
Capital assets							
Capital assets - motorbus	424,767,431	398,602,174	26,165,257	6.6	378,377,407	46,390,024	12.3
Capital assets - paratransit	19,854,157	19,858,405	(4,248)	-	19,858,405	(4,248)	-
Capital assets - lightrail	1,610,861,527	1,609,277,181	1,584,346	0.1	1,609,279,642	1,581,885	0.1
Total capital assets	2,055,483,115	2,027,737,760	27,745,355	1.4	2,007,515,454	47,967,661	2.4
Accumulated depreciation	(1,244,282,823)	(1,224,539,068)	(19,743,755)	(1.6)	(1,173,044,147)	(71,238,676)	(6.1)
Total capital assets, net	811,200,292	803,198,692	8,001,600	1.0	834,471,307	(23,271,015)	(2.8)
Land	96,059,164	96,399,326	(340,162)	(0.4)	97,199,286	(1,140,122)	(1.2)
Construction-in-process	22,706,805	45,821,888	(23,115,083)	(50.4)	45,801,355	(23,094,550)	(50.4)
Total capital assets	929,966,261	945,419,906	(15,453,645)	(1.6)	977,471,948	(47,505,687)	(4.9)
Non-current assets							
Restricted investments	110,822,945	109,057,118	1,765,827	1.6	104,014,934	6,808,011	6.5
Other non-current assets, net amort	107,835	142,079	(34,244)	(24.1)	155,086	(47,251)	(30.5)
Total non-current assets	110,930,780	109,199,197	1,731,583	1.6	104,170,020	6,760,760	6.5
Total assets	1,326,470,941	1,353,233,655	(26,762,714)	(2.0)	1,343,108,032	(16,637,091)	(1.2)
<b>Deferred outflow of resources</b>							
Deferred pension loss	13,376,340	15,219,774	(1,843,434)	(12.1)	20,750,076	(7,373,736)	(35.5)
Deferred pension expense	2,279,298	2,279,298	-	-	2,279,298	-	-
Deferred loss on hedging instruments	-	958,444	(958,444)	(100.0)	550,771	(550,771)	(100.0)
Deferred unfunded OPEB loss	8,344,752	8,835,078	(490,326)	(5.5)	10,306,056	(1,961,304)	(19.0)
Deferred loss on debt refunding	2,388,640	2,487,556	(98,916)	(4.0)	2,790,674	(402,034)	(14.4)
Total deferred outflow of resources	26,389,030	29,780,150	(3,391,120)	(11.4)	36,676,875	(10,287,845)	(28.0)
<b>Total</b>	<b>\$ 1,352,859,971</b>	<b>\$ 1,383,013,805</b>	<b>\$ (30,153,834)</b>	<b>(2.2)</b>	<b>\$ 1,379,784,907</b>	<b>\$ (26,924,936)</b>	<b>(2.0)</b>



**Metro**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 4,643,596	\$ 3,425,600	\$ 1,217,996	35.6	\$ 4,381,351	\$ 262,245	6.0
Interfund accounts payable	3,916,240	4,548,816	(632,576)	(13.9)	7,000,455	(3,084,215)	(44.1)
Accrued expenses	18,772,355	18,290,068	482,287	2.6	19,044,017	(271,662)	(1.4)
Other current liabilities	38,958,206	40,816,968	(1,858,762)	(4.6)	21,072,359	17,885,847	84.9
Total current liabilities	66,290,397	67,081,452	(791,055)	(1.2)	51,498,182	14,792,215	28.7
Current liab payable from restricted assets							
Accounts payable and retention	923,185	899,466	23,719	2.6	3,078,613	(2,155,428)	(70.0)
Accrued interest payable	5,136,884	10,273,769	(5,136,885)	(50.0)	5,240,322	(103,438)	(2.0)
Short-term insurance	140,487	140,487	-	-	140,487	-	-
Current portion of long-term debt	9,030,000	9,030,000	-	-	8,275,000	755,000	9.1
Total current liabilities payable from restricted assets	15,230,556	20,343,722	(5,113,166)	(25.1)	16,734,422	(1,503,866)	(9.0)
Total current liabilities	81,520,953	87,425,174	(5,904,221)	(6.8)	68,232,604	13,288,349	19.5
Non-current liabilities							
Other post-employment benefits	64,167,915	67,068,774	(2,900,859)	(4.3)	66,662,126	(2,494,211)	(3.7)
Long-term insurance	287,216	826,181	(538,965)	(65.2)	288,000	(784)	(0.3)
Long-term debt	523,900,171	524,393,431	(493,260)	(0.1)	534,998,749	(11,098,578)	(2.1)
Capital lease obligations	110,822,946	109,057,120	1,765,826	1.6	104,014,936	6,808,010	6.5
Unfunded pension liabilities	98,239,149	98,239,149	-	-	98,239,149	-	-
Other non-current liabilities	6,212,083	6,241,451	(29,368)	(0.5)	6,315,597	(103,514)	(1.6)
Total non-current liabilities	803,629,480	805,826,106	(2,196,626)	(0.3)	810,518,557	(6,889,077)	(0.8)
Total liabilities	885,150,433	893,251,280	(8,100,847)	(0.9)	878,751,161	6,399,272	0.7
<b>Deferred Inflow of Resources</b>							
Deferred gain on hedging instruments	3,468,280	3,544,304	(76,024)	(2.1)	-	3,468,280	n/a
Deferred pension gain 788 ATU and clerical	4,139,064	4,483,986	(344,922)	(7.7)	5,518,752	(1,379,688)	(25.0)
Deferred pension gain IBEW	97,380	105,495	(8,115)	(7.7)	129,840	(32,460)	(25.0)
Deferred pension gain salaried	1,078,495	1,195,137	(116,642)	(9.8)	1,545,073	(466,578)	(30.2)
Total deferred inflow of resources	8,783,219	9,328,922	(545,703)	(5.8)	7,193,665	1,589,554	22.1
<b>Net Position</b>							
Net position - capital investments	449,653,738	460,924,699	(11,270,961)	(2.4)	486,722,788	(37,069,050)	(7.6)
Net position	86,996,702	68,354,808	18,641,894	27.3	73,153,862	13,842,840	18.9
Net income (loss)	(77,724,121)	(48,845,904)	(28,878,217)	(59.1)	(66,036,569)	(11,687,552)	(17.7)
Total net position	458,926,319	480,433,603	(21,507,284)	(4.5)	493,840,081	(34,913,762)	(7.1)
<b>Total</b>	<b>\$ 1,352,859,971</b>	<b>\$ 1,383,013,805</b>	<b>\$ (30,153,834)</b>	<b>(2.2)</b>	<b>\$ 1,379,784,907</b>	<b>\$ (26,924,936)</b>	<b>(2.0)</b>



**Metro**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Passenger revenue	\$ 10,722,371	\$ 11,196,053	\$ (473,682)	(4.2)	\$ 11,153,864	\$ 41,833,696	\$ 45,572,303	\$ (3,738,607)	(8.2)	\$ 44,683,078
City of St. Louis <sup>1</sup>	8,294,464	7,304,602	989,862	13.6	8,190,076	35,523,817	36,041,617	(517,800)	(1.4)	34,307,042
St. Louis County <sup>1</sup>	31,273,148	31,276,350	(3,202)	-	28,752,890	138,628,796	139,721,662	(1,092,866)	(0.8)	122,753,855
St. Clair County Transit District <sup>1</sup>	12,008,782	13,565,648	(1,556,866)	(11.5)	7,841,703	53,464,388	54,262,594	(798,206)	(1.5)	51,424,692
State of Missouri and Illinois <sup>1</sup>	126	399,841	(399,715)	(100.0)	165,465	732,865	1,599,362	(866,497)	(54.2)	944,245
Federal funding <sup>1</sup>	4,440,022	5,152,594	(712,572)	(13.8)	4,616,533	18,145,156	20,610,375	(2,465,219)	(12.0)	19,233,276
Other local/regional funding <sup>1</sup>	55,047	5,223,106	(5,168,059)	(98.9)	304,623	480,894	20,892,424	(20,411,530)	(97.7)	587,375
Advertising, maint services, rental income	1,390,903	2,202,780	(811,877)	(36.9)	2,138,108	7,219,555	8,834,918	(1,615,363)	(18.3)	7,680,419
Service fee revenue	-	-	-	-	(235)	-	-	-	-	(118)
Interest income	7,744,877	7,147,508	597,369	8.4	6,902,972	9,728,694	7,867,847	1,860,847	23.7	7,962,301
<b>Total revenue</b>	<u>75,929,740</u>	<u>83,468,482</u>	<u>(7,538,742)</u>	<u>(9.0)</u>	<u>70,065,999</u>	<u>305,757,861</u>	<u>335,403,102</u>	<u>(29,645,241)</u>	<u>(8.8)</u>	<u>289,576,165</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	50,477,644	50,352,738	(124,906)	(0.2)	36,812,412	194,824,853	200,163,270	5,338,417	2.7	172,200,362
Services	8,684,200	13,343,576	4,659,376	34.9	7,798,631	28,690,077	54,266,684	25,576,607	47.1	27,141,248
Fuel and lube consumed	2,809,009	3,077,975	268,966	8.7	2,496,722	10,322,191	12,496,887	2,174,696	17.4	10,890,471
Materials and supplies	5,758,419	6,485,225	726,806	11.2	6,724,704	24,146,770	25,431,026	1,284,256	5.0	22,249,890
Utilities	1,714,659	1,825,293	110,634	6.1	1,746,952	7,070,562	8,435,584	1,365,022	16.2	7,082,078
Casualty and liability costs	315,468	1,396,467	1,080,999	77.4	2,485,263	6,822,023	5,579,914	(1,242,109)	(22.3)	8,354,791
Other expenses	1,630,260	1,669,755	39,495	2.4	1,677,912	6,043,011	6,795,655	752,644	11.1	6,058,273
Interest expense	11,463,366	11,460,695	(2,671)	-	11,045,945	25,439,188	25,418,747	(20,441)	(0.1)	25,113,239
Unrealized gain (loss) on investments	-	-	-	-	464,701	(464,701)	-	464,701	-	464,701
Contribution to outside entities	286,850	176,668	(110,182)	(62.4)	125,304	1,258,855	706,672	(552,183)	(78.1)	542,409
Other non-operating expense	309,690	-	(309,690)	-	52,791	1,014,697	-	(1,014,697)	-	281,186
<b>Total expense</b>	<u>83,449,565</u>	<u>89,788,392</u>	<u>6,338,827</u>	<u>7.1</u>	<u>71,431,337</u>	<u>305,167,526</u>	<u>339,294,439</u>	<u>34,126,913</u>	<u>10.1</u>	<u>280,378,648</u>
<b>Income (loss) before depreciation</b>	<u>(7,519,825)</u>	<u>(6,319,910)</u>	<u>(1,199,915)</u>	<u>(19.0)</u>	<u>(1,365,338)</u>	<u>590,335</u>	<u>(3,891,337)</u>	<u>4,481,672</u>	<u>115.2</u>	<u>9,197,517</u>
Depreciation and amortization expense	20,915,403	19,255,496	(1,659,907)	(8.6)	18,821,604	76,979,974	73,498,220	(3,481,754)	(4.7)	74,299,249
<b>Net income (loss) before transfers</b>	<u>(28,435,228)</u>	<u>(25,575,406)</u>	<u>(2,859,822)</u>	<u>(11.2)</u>	<u>(20,186,942)</u>	<u>(76,389,639)</u>	<u>(77,389,557)</u>	<u>999,918</u>	<u>1.3</u>	<u>(65,101,732)</u>
<b>Net transfers in (out)</b>	<u>(442,989)</u>	<u>(442,041)</u>	<u>(948)</u>	<u>(0.2)</u>	<u>(237,760)</u>	<u>(1,334,482)</u>	<u>(1,768,164)</u>	<u>433,682</u>	<u>24.5</u>	<u>(934,837)</u>
<b>Net income (loss)</b>	<u>\$ (28,878,217)</u>	<u>\$ (26,017,447)</u>	<u>\$ (2,860,770)</u>	<u>(11.0)</u>	<u>\$ (20,424,702)</u>	<u>\$ (77,724,121)</u>	<u>\$ (79,157,721)</u>	<u>\$ 1,433,600</u>	<u>1.8</u>	<u>\$ (66,036,569)</u>

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



**Metro**  
**Detailed Schedule of Contract, Sales Tax and Grant Revenue**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Contract, sales tax and grant revenue</b>										
City of St. Louis 1/2 cent	\$ 4,635,911	\$ 4,384,812	\$ 251,099	5.7	\$ 3,589,316	\$ 19,713,162	\$ 19,490,647	\$ 222,515	1.1	\$ 15,829,927
City of St. Louis 1/4 cent	2,155,039	1,635,738	519,301	31.7	2,165,911	9,222,786	9,197,514	25,272	0.3	8,914,554
City of St. Louis Prop M2 (1/4 cent)	1,503,514	1,284,052	219,462	17.1	2,434,849	6,587,869	7,353,456	(765,587)	(10.4)	9,562,561
Total City of St. Louis	8,294,464	7,304,602	989,862	13.6	8,190,076	35,523,817	36,041,617	(517,800)	(1.4)	34,307,042
St. Louis County 1/2 cent	9,779,149	3,283,473	6,495,676	197.8	1,756,155	43,232,040	15,445,185	27,786,855	179.9	8,104,414
St. Louis County 1/4 cent	8,110,154	7,506,779	603,375	8.0	7,981,771	36,528,003	35,279,000	1,249,003	3.5	35,758,756
St. Louis County Prop A (1/2 cent)	13,383,845	20,486,098	(7,102,253)	(34.7)	19,014,964	58,868,753	88,997,477	(30,128,724)	(33.9)	78,890,685
Total St. Louis County	31,273,148	31,276,350	(3,202)	-	28,752,890	138,628,796	139,721,662	(1,092,866)	(0.8)	122,753,855
East-West Gateway Council of Govts.	42,825	40,000	2,825	7.1	40,000	171,300	160,000	11,300	7.1	160,000
Non-capital projects and other	12,222	5,183,106	(5,170,884)	(99.8)	264,623	309,594	20,732,424	(20,422,830)	(98.5)	427,375
Total other local	55,047	5,223,106	(5,168,059)	(98.9)	304,623	480,894	20,892,424	(20,411,530)	(97.7)	587,375
State of Missouri	-	116,047	(116,047)	(100.0)	152,193	731,629	464,187	267,442	57.6	922,734
Total State of Missouri	-	116,047	(116,047)	(100.0)	152,193	731,629	464,187	267,442	57.6	922,734
Total Missouri	39,622,659	43,920,105	(4,297,446)	(9.8)	37,399,782	175,365,136	197,119,890	(21,754,754)	(11.0)	158,571,006
Illinois										
St. Clair Transit District	12,008,782	13,565,648	(1,556,866)	(11.5)	7,841,703	53,464,388	54,262,594	(798,206)	(1.5)	51,424,692
State of Illinois	126	283,794	(283,668)	(100.0)	13,272	1,236	1,135,175	(1,133,939)	(99.9)	21,511
Total Illinois	12,008,908	13,849,442	(1,840,534)	(13.3)	7,854,975	53,465,624	55,397,769	(1,932,145)	(3.5)	51,446,203
Total local and state	51,631,567	57,769,547	(6,137,980)	(10.6)	45,254,757	228,830,760	252,517,659	(23,686,899)	(9.4)	210,017,209
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)	440,022	1,152,594	(712,572)	(61.8)	616,533	2,145,156	4,610,375	(2,465,219)	(53.5)	3,233,276
Total federal	4,440,022	5,152,594	(712,572)	(13.8)	4,616,533	18,145,156	20,610,375	(2,465,219)	(12.0)	19,233,276
<b>Total contract, sales tax and grant revenue</b>	<b>\$ 56,071,589</b>	<b>\$ 62,922,141</b>	<b>\$ (6,850,552)</b>	<b>(10.9)</b>	<b>\$ 49,871,290</b>	<b>\$ 246,975,916</b>	<b>\$ 273,128,034</b>	<b>\$ (26,152,118)</b>	<b>(9.6)</b>	<b>\$ 229,250,485</b>



**Metro**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 31,348,555	\$ 33,617,841	\$ 2,269,286	6.8	\$ 31,194,433	\$ 126,208,553	\$ 132,848,456	\$ 6,639,903	5.0	\$ 122,095,129
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	2,226,182	2,543,343	317,161	12.5	2,172,774	8,916,058	10,040,867	1,124,809	11.2	8,553,056
Unemployment insurance	29,832	104,664	74,832	71.5	38,896	258,633	775,630	516,997	66.7	300,658
Worker's compensation insurance	1,193,838	1,001,220	(192,618)	(19.2)	2,129,742	7,777,051	4,004,881	(3,772,170)	(94.2)	5,939,993
<b>Health and welfare</b>										
Medical	6,028,882	6,723,654	694,772	10.3	5,536,996	23,186,748	26,834,232	3,647,484	13.6	21,984,098
Dental	152,104	147,257	(4,847)	(3.3)	144,355	602,892	587,057	(15,835)	(2.7)	594,701
Other post employment benefits	490,326	401,033	(89,293)	(22.3)	(4,458,706)	2,367,952	1,597,215	(770,737)	(48.3)	(3,166,566)
Life insurance / AD&D	131,077	93,555	(37,522)	(40.1)	121,457	353,803	373,547	19,744	5.3	447,462
Short and long term disability	49,449	38,648	(10,801)	(27.9)	45,431	211,350	154,590	(56,760)	(36.7)	237,627
FMLA administration expense	-	15,218	15,218	100.0	-	-	60,664	60,664	100.0	21,175
EAP expense	9,123	9,497	374	3.9	8,872	36,962	37,863	901	2.4	36,412
<b>Retirement</b>										
Pension expense	8,383,964	4,970,991	(3,412,973)	(68.7)	(622,878)	22,533,700	19,837,624	(2,696,076)	(13.6)	13,071,690
401 K contributions	386,556	570,853	184,297	32.3	355,772	1,613,729	2,283,414	669,685	29.3	1,443,702
<b>Other</b>										
Uniform allowance	207,722	210,625	2,903	1.4	232,413	1,186,432	1,109,875	(76,557)	(6.9)	1,121,813
Miscellaneous benefits	17,534	5,600	(11,934)	(213.1)	832	18,711	22,400	3,689	16.5	12,071
Benefit costs applied to capital projects	(177,500)	(101,261)	76,239	75.3	(87,977)	(447,721)	(405,045)	42,676	10.5	(492,659)
<b>Total company paid benefits</b>	<u>19,129,089</u>	<u>16,734,897</u>	<u>(2,394,192)</u>	<u>(14.3)</u>	<u>5,617,979</u>	<u>68,616,300</u>	<u>67,314,814</u>	<u>(1,301,486)</u>	<u>(1.9)</u>	<u>50,105,233</u>
<b>Total wages and benefits</b>	<u>\$ 50,477,644</u>	<u>\$ 50,352,738</u>	<u>\$ (124,906)</u>	<u>(0.2)</u>	<u>\$ 36,812,412</u>	<u>\$ 194,824,853</u>	<u>\$ 200,163,270</u>	<u>\$ 5,338,417</u>	<u>2.7</u>	<u>\$ 172,200,362</u>



**Metro**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	<b>Total</b>	<b>Revenue Fund</b>	<b>Operating Fund</b>	<b>Internally Restricted Fund</b>	<b>Missouri Local Funds</b>	<b>Commodity Fund</b>	<b>Insurance Fund</b>	<b>Cross County Trustee Funds</b>	<b>Other Restricted Fund</b>
<b>Balance April 1, 2018</b>									
<b>Cash &amp; Investments</b>	\$ 227,305,085	\$ 935,216	\$ 34,685,676	\$ 15,922,334	\$ 111,874,266	\$ 1,942,250	\$ 5,592,960	\$ 47,804,545	\$ 8,547,838
<b>Add :</b>									
Passenger Fares	10,845,526	10,845,526	-	-	-	-	-	-	-
City of St. Louis	13,474,015	-	8,576,987	-	-	-	-	4,897,028	-
St. Louis County	53,393,330	-	28,394,598	-	-	-	-	24,998,732	-
St. Clair County	13,425,298	-	13,425,298	-	-	-	-	-	-
FTA	12,802,445	-	12,802,445	-	-	-	-	-	-
Commodity Fund	604,323	-	-	-	-	604,323	-	-	-
All Other	4,664,953	-	3,945,539	95,768	337,440	-	13,402	270,286	2,518
<b>Cash Receipts</b>	109,209,890	10,845,526	67,144,867	95,768	337,440	604,323	13,402	30,166,046	2,518
<b>Interfund Transfers</b>	-	(10,646,795)	7,551,672	-	141,506	-	2,953,617	-	-
<b>Less:</b>									
Cash Disbursements	(117,438,954)	(58,185)	(81,230,166)	-	(380,931)	-	(2,939,377)	(32,830,295)	-
<b>Balance June 30, 2018</b>									
<b>Cash &amp; Investments</b>	219,076,021	1,075,762	28,152,049	16,018,102	111,972,281	2,546,573	5,620,602	45,140,296	8,550,356
<b>Less:</b>									
<b>Pre-encumbrances &amp; restrictions</b>									
Local Match - Approved Grants	39,284,792	-	-	-	39,284,792	-	-	-	-
- Grant Applications	20,966,983	-	-	-	20,966,983	-	-	-	-
- Long Range Capital Programs (1)	51,720,506	-	-	-	51,720,506	-	-	-	-
Other restrictions	107,103,740	1,075,762	28,152,049	16,018,102	-	2,546,573	5,620,602	45,140,296	8,550,356
Total restrictions	219,076,021	1,075,762	28,152,049	16,018,102	111,972,281	2,546,573	5,620,602	45,140,296	8,550,356
<b>Unencumbered Cash &amp; Investments</b>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>	<u>\$ -</u>

(1) Restricted to finance obligations.



**Metro Transit**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

**Cash flows from operating activities**

Receipts from customers	\$ 48,536,939
Payments to employees	(192,095,722)
Payments to vendors	(57,637,347)
Payments for self-insurance	(6,822,807)
Receipts (payments) from inter-fund activity	<u>(14,096,524)</u>

**Net cash provided by (used in) operating activities** (222,115,461)

**Cash flows from non capital financing activities**

Operating assistance received	243,709,153
Contributions to outside entities	(1,258,855)
Net transfers	(1,334,482)
Nonoperating contributions	<u>96,977</u>

**Net cash provided by (used in) non capital financing activities** 241,212,793

**Cash flows from capital and related financing activities**

Acquisitions of capital assets	(31,629,713)
Payments of long-term debt	(8,275,000)
Interest Paid	(20,754,413)
Contributed capital	<u>42,810,359</u>

**Cash flows from capital and related financing activities** (17,848,767)

**Cash flows from investing activities**

Purchases of investments	(97,944,998)
Proceeds from sale of investments	72,406,138
Interest received	<u>2,855,735</u>

**Net cash provided by (used in) investing activities** (22,683,125)

**Net increase (decrease) in cash and cash equivalents** (21,434,560)

**Cash and cash equivalents, beginning of year** 108,607,481

**Cash and cash equivalents, year to date** \$ 87,172,921

**Supplemental disclosure of cash flow information**

**Noncash Activities:**

Interest received on capital lease	\$ 6,808,011
Interest accrued on capital lease	(6,808,011)
Changes in Unrealized Loss on Fuel Hedge	4,019,051
Deferred Loss Amortization	402,034
Deferred Unfunded OPEB Loss	1,961,304
Deferred charges	47,251
Capital tower lease interest amortization	(41,209)
Unrealized Gain on Investments	464,701
Discounts on bonds	(7,571)
Premium on bonds	64,948
Gain on disposal of fixed assets	(1,111,675)



**Metro**  
**Schedule of Aged Receivables**  
**June 30, 2018**  
(unaudited)

	<b>Less than 30 days</b>	<b>31-60 days</b>	<b>61-90 days</b>	<b>91-180 days</b>	<b>181-360 days</b>	<b>Over 361 days</b>	<b>Total</b>
Due from Passes	\$ 227,036	\$ 15,394	\$ 16,692	\$ 33,336	\$ 191,001	\$ 110,518	\$ 593,977
Due from HR Arrears Pension	78,301	18,809	12,050	24,490	58,332	-	191,982
Due from HR Arears Medical	1,127	524	495	718	1,189	3,133	7,186
Due from Mktng, Eng, Misc Other	31,977	165	286,105	685,848	431,035	86,300	1,521,430
Due from TMA/CAR	377,801	16,794	265,860	4,149	9,975	20,273	694,852
Due from Real Estate	115,232	2,758	4,036	3,056	50	-	125,132
Due from Grants	20,015,608	3,012	-	36,210	-	24,793	20,079,623
Due from St Clair County	7,731,773	-	-	-	-	-	7,731,773
Due from St Clair County - OPEB	9,211,691	-	-	-	-	-	9,211,691
Due from East-West Gateway	42,825	-	-	-	-	-	42,825
Interest Receivable	536,796	-	-	-	-	-	536,796
Due from Payroll Advance	225,505	-	-	-	-	-	225,505
Banking Transactions Over/Short	(1,234)	-	-	-	-	-	(1,234)
Allowance for Bad Debt	(229,599)	-	-	-	-	-	(229,599)
<b>Total</b>	<b>\$ 38,364,839</b>	<b>\$ 57,456</b>	<b>\$ 585,238</b>	<b>\$ 787,807</b>	<b>\$ 691,582</b>	<b>\$ 245,017</b>	<b>\$ 40,731,939</b>



**Metro**  
**Capital Expenditures for Active Projects**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description		Budget	Current	Year-To-Date	Life-To-Date	Balance
<b>Project #</b>						
1237 CAR Van Replacement FY07		\$ 3,467,603	\$ 13,220	\$ 13,220	\$ 2,930,041	\$ 537,562
1279 Fare Collection System Upgrade/Replacement (06 Earmark)		31,584,490	268,186	1,507,952	28,782,987	2,801,503
1361 Radio System CAD/AVL		23,869,707	2,376	480,276	14,482,452	9,387,255
1668 Embankment Erosion	z	3,223,073	126	1,236	646,926	2,576,147
1708 Feeder Wire/Water Mitigation MO--12	z	1,058,564	6	38,687	725,655	332,909
1722 Missouri Slopes Stability	z	1,144,600	(3,623)	27,476	880,411	264,189
1734 EADS Bridge Rehab Phase II		20,211,239	2,462	2,462	17,839,275	2,371,964
1739 Civic Center Transfer Center		11,092,600	78,672	2,750,946	10,397,731	694,869
1755 IT Systems Upgrade Yr 2 - FY13		1,225,750	-	409,021	1,129,403	96,347
1756 North County Transit Center		10,331,824	1,010	1,010	10,280,439	51,385
1817 Radio System Tower Sites		6,555,992	-	537,830	4,406,680	2,149,312
1844 Tactile Warning Strip Phase II	z	1,547,254	-	(31,675)	995,155	552,099
1848 Articulated Buses		11,416,297	-	-	6,490,426	4,925,871
1855 Arch Bike Trail	z	1,105,000	-	9,782	1,006,329	98,671
1862 North County Transit Phase II		1,698,710	33	33	1,664,717	33,993
1863 Bus Procurement Duluth II		11,221,910	-	-	10,895,813	326,097
1869 Phase 1 Audio Frequency Circuit		3,101,678	477	477	1,374,765	1,726,913



**Metro**  
**Capital Expenditures for Active Projects**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

<b>Description</b>		<b>Budget</b>	<b>Current</b>	<b>Year-To-Date</b>	<b>Life-To-Date</b>	<b>Balance</b>
<b>Projects continued</b>						
1885 TOI Operation Management Software		\$ 2,859,367	\$ 2,593	\$ 107,777	\$ 1,380,528	\$ 1,478,839
1887 TOI Transit Business Intelligence		1,031,572	-	34,099	35,902	995,670
1905 Buses - FY13 CMAQ		18,565,431	-	16,327	18,223,283	342,148
1937 Innovative High School Career	z	2,129,435	-	97,625	97,625	2,031,810
1941 Duluth Piggyback III 40'		12,694,943	-	3,873	12,357,708	337,235
1955 Spruce Street Bridge		7,549,171	25,442	375,579	7,391,717	157,454
1959 Z-Gate Ped Barriers & Fence		1,257,938	13,101	57,529	377,960	879,978
1960 Rail ROW Repairs-MP 0-15.4 MO		1,905,200	-	-	66,612	1,838,588
1962 Elevator Rehab - 8 Units - MO		2,749,100	579,161	782,581	997,369	1,751,731
1973 Portable Bus Lifting System - MO		1,018,482	-	382,400	918,365	100,117
1983 DC to AC Rail Car Upgrades		22,500,000	-	-	-	22,500,000
1988 Ewing Wall Rehabilitation		9,849,618	3,498	(388,014)	4,587,289	5,262,329
1991 Financial Report-Budget Software		1,056,763	1,667	222,521	771,121	285,642
1997 IL Bus Facility Rehabilitation		1,850,692	193,261	341,699	957,113	893,579
2000 Administrative Facility		1,604,600	-	-	1,176,677	427,923
2020 Feeder Wire-Water Mitigation	z	1,644,372	-	-	925,353	719,019
2030 FY15 100% 7 SCCTD Buses		2,076,050	-	-	2,069,685	6,365
2035 Mobile Data Terminal		1,050,000	127,001	382,651	382,651	667,349
2053 Buses (4) FY15 Formula		3,238,353	-	-	-	3,238,353
2054 Call-A-Ride Vans (7) FY15		2,161,300	-	-	849,320	1,311,980



**Metro**  
**Capital Expenditures for Active Projects**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

<b>Description</b>	<b>Budget</b>	<b>Current</b>	<b>Year-To-Date</b>	<b>Life-To-Date</b>	<b>Balance</b>
<b>Projects continued</b>					
2057 Non-Rev Vehicles (16) MO FY14	\$ 1,146,145	\$ 104,268	\$ 514,357	\$ 514,357	\$ 631,788
2060 Boyle Street ML Station	13,503,577	2,957,099	7,392,133	9,529,745	3,973,832
2061 CWE ML Station Rehab	1,644,046	13,693	261,208	504,857	1,139,189
2070 DC to AC Propulsion YR 2	1,340,303	8	8	8	1,340,295
2077 Buses FY15 Bus Facility	3,615,724	-	447,885	3,513,584	102,140
2078 Buses FY14 CMAQ	5,210,000	-	1,581	4,819,108	390,892
2079 MO Buses	4,018,076	-	447,885	3,951,541	66,535
2081 Convention Center Escalator FY15 SGR	1,103,500	-	-	-	1,103,500
2094 CAR Vans (7) FY14 Fed Formula	1,479,456	-	-	849,320	630,136
2108 Buses (8) IDOT Reimburse SCCTD	3,792,738	2,203	1,793,743	3,545,571	247,167
2109 Union Station Tunnel	40,136,324	167,311	1,010,327	1,713,406	38,422,918
2113 TAM-EAM System Development	3,000,000	-	581,034	581,034	2,418,966
2119 Buses - FY15 CMAQ	10,000,000	447,885	9,853,470	9,853,470	146,530
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
2175 Buses FY16 Fed Formula	1,356,532	-	-	-	1,356,532
2181 Buses FY17 Bus Formula	3,544,079	-	-	-	3,544,079
2205 IT Systems Upgrade FY15	1,713,739	63,367	178,908	178,908	1,534,831
2207 IT Systems Upgrade FY16	1,700,000	43,818	111,642	111,642	1,588,358
2222 LRV Destination Sign Replacement	2,560,000	-	-	-	2,560,000
2224 Buses FY16 CMAQ	10,000,000	-	-	-	10,000,000
2225 Van Purchase FY16 STP	2,890,000	-	-	-	2,890,000
2231 FY18 Preventive Maintenance	20,000,000	-	-	-	20,000,000
All others	*z 36,176,385	466,127	2,843,291	13,837,707	22,338,678
<b>Total Active Projects</b>	<b>\$ 422,281,740</b>	<b>\$ 5,574,448</b>	<b>\$ 33,602,852</b>	<b>\$ 221,999,741</b>	<b>\$ 200,281,999</b>

\* "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 Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

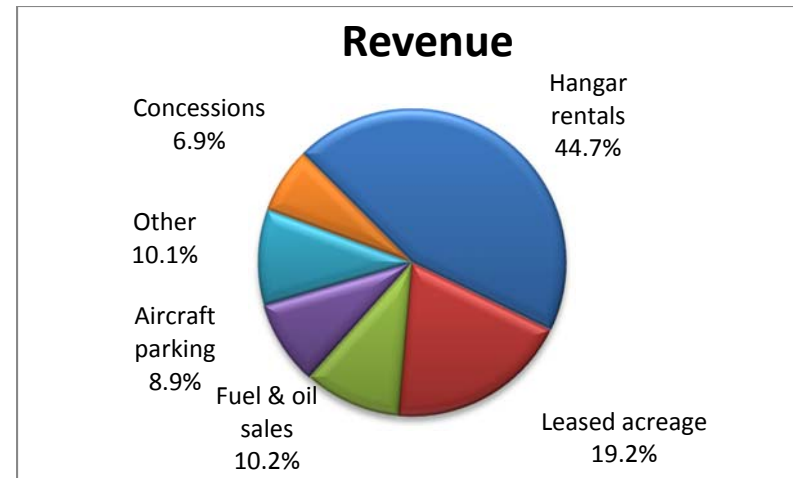
## Fast Facts

Wes Star Aviation purchased Hanger 12 from Bi-State Development which will allow the firm to provide maintenance repair and overhaul services to airframes, windows, engines, major modifications, avionics installation and repair, interior refurbishment, surplus avionics sales, accessory services, paint and parts. This agreement further increases the airport's presence in the maintenance, repair and overhaul industry.

## Financial Data

**Income before depreciation** was \$107.9 thousand. This result is favorable compared to the prior fiscal year by \$347.9 thousand.

**Revenue** increased approximately \$88.8 thousand compared to prior fiscal year. Increased revenue is due to higher airport parking, farm income, aviation sales flowage, and interest income. Actual revenue was 3.9% less than budget.





# St. Louis Downtown Airport

For the Twelve Months Ended June 30, 2018

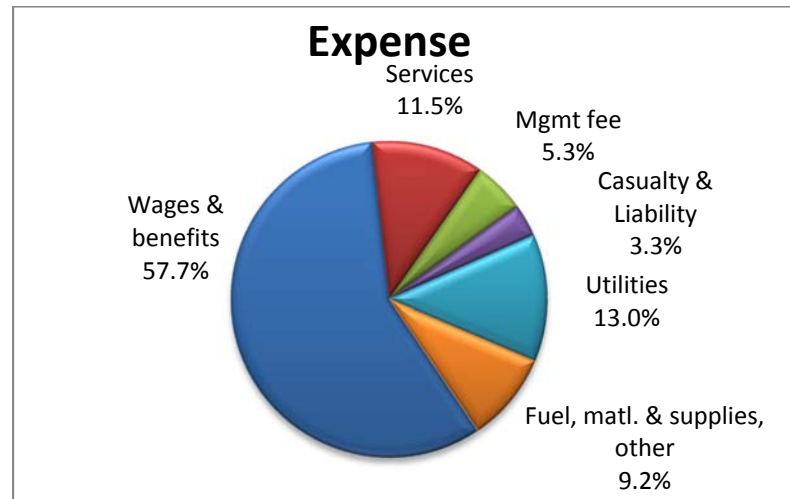
(Preliminary, subject to audit)

Total **Expense** is \$1.6 million. This is a decrease of \$259 thousand compared to FY17 and \$152.5 thousand under budget.

**Wages and benefits** are 6.9% less than fiscal year 2017.

**Services** decreased \$125.7 thousand compared to the prior year due to less consulting fees, temporary help, maintenance services, and outside services.

**Utilities** are 16.5% less than prior fiscal year 2017.



## Performance Data

Performance Indicators			
YTD	Fuel sales (gallons)	Aircraft movements	Avg. based aircraft
FY18 Actual	1,738,524	94,034	312
FY18 Budget	1,773,630	90,000	320
FY17 Actual	1,680,533	106,588	319

**Average based aircraft** is seven below prior year levels and eight below FY18 budget.

**Aircraft movements** decreased 11.8% from the prior year while fuel sales increased 3.5% over the prior year. Airport activity varies due to the economy, weather conditions, time of the year, and special events.



**St. Louis Downtown Airport**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 1,752,812	\$ 2,059,257	\$ (306,445)	(14.9)	\$ 535,460	\$ 1,217,352	227.3
Accounts and notes receivable	68,991	187,401	(118,410)	(63.2)	72,649	(3,658)	(5.0)
Interfund accounts receivable	5,195	66,355	(61,160)	(92.2)	26,061	(20,866)	(80.1)
Materials and supplies inventory	65,457	61,074	4,383	7.2	61,592	3,865	6.3
Other current assets	-	24,352	(24,352)	(100.0)	-	-	n/a
Total current assets	1,892,455	2,398,439	(505,984)	(21.1)	695,762	1,196,693	172.0
Capital assets							
Capital assets	50,138,570	50,151,870	(13,300)	-	52,830,145	(2,691,575)	(5.1)
Accumulated depreciation	(35,850,382)	(35,531,791)	(318,591)	(0.9)	(35,921,977)	71,595	0.2
Total capital assets, net	14,288,188	14,620,079	(331,891)	(2.3)	16,908,168	(2,619,980)	(15.5)
Land	4,542,564	4,542,564	-	-	4,542,564	-	-
Construction-in-process	135,180	111,882	23,298	20.8	105,816	29,364	27.8
Total capital assets	18,965,932	19,274,525	(308,593)	(1.6)	21,556,548	(2,590,616)	(12.0)
Non-current assets							
Deferred charges	69,093	13,482	55,611	412.5	3,916	65,177	n/a
Total non-current assets	69,093	13,482	55,611	412.5	3,916	65,177	n/a
Total assets	20,927,480	21,686,446	(758,966)	(3.5)	22,256,226	(1,328,746)	(6.0)
<b>Total</b>	<u>\$ 20,927,480</u>	<u>\$ 21,686,446</u>	<u>\$ (758,966)</u>	<u>(3.5)</u>	<u>\$ 22,256,226</u>	<u>\$ (1,328,746)</u>	<u>(6.0)</u>



**St. Louis Downtown Airport**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 12,577	\$ (6,000)	\$ 18,577	309.6	\$ 98,131	\$ (85,554)	(87.2)
Interfund accounts payable	285,955	663,748	(377,793)	(56.9)	293,057	(7,102)	(2.4)
Accrued expenses	72,700	72,700	-	-	72,700	-	-
Other current liabilities	4,140	95,526	(91,386)	(95.7)	4,100	40	1.0
Total current liabilities	375,372	825,974	(450,602)	(54.6)	467,988	(92,616)	(19.8)
Current liab payable from restricted assets							
Accounts payable and retention	-	-	-	n/a	787	(787)	(100.0)
Total current liabilities payable from restricted assets	-	-	-	n/a	787	(787)	(100.0)
Total current liabilities	-	-	-	n/a	468,775	(468,775)	(100.0)
Non-current liabilities							
Other post-employment benefits	347,222	364,532	(17,310)	(4.7)	359,911	(12,689)	(3.5)
Unfunded pension liabilities	57,516	57,516	-	-	57,516	-	-
Total non-current liabilities	404,738	422,048	(17,310)	(4.1)	417,427	(12,689)	(3.0)
Total liabilities	780,110	1,248,022	(467,912)	(37.5)	886,202	(106,092)	(12.0)
<b>Net Position</b>							
Net position - capital investments	18,965,932	19,274,524	(308,592)	(1.6)	21,583,703	(2,617,771)	(12.1)
Net position	2,431,987	2,113,896	318,091	15.0	1,504,779	927,208	61.6
Net income (loss)	(1,250,549)	(949,996)	(300,553)	(31.6)	(1,718,458)	467,909	27.2
Total net position	20,147,370	20,438,424	(291,054)	(1.4)	21,370,024	(1,222,654)	(5.7)
<b>Total</b>	<u>\$ 20,927,480</u>	<u>\$ 21,686,446</u>	<u>\$ (758,966)</u>	<u>(3.5)</u>	<u>\$ 22,256,226</u>	<u>\$ (1,328,746)</u>	<u>(6.0)</u>



**St. Louis Downtown Airport**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Airport parking	\$ 39,403	\$ 35,439	\$ 3,964	11.2	\$ 36,304	\$ 148,117	\$ 141,756	\$ 6,361	4.5	\$ 139,804
Leased acreage	76,348	148,413	(72,065)	(48.6)	73,901	319,276	593,651	(274,375)	(46.2)	300,533
Hangar rental	179,388	130,594	48,794	37.4	191,377	745,628	522,375	223,253	42.7	744,360
Aviation sales flowage	45,406	47,184	(1,778)	(3.8)	47,727	170,385	188,737	(18,352)	(9.7)	164,026
Other operating revenue	38,306	41,928	(3,622)	(8.6)	33,017	128,958	167,712	(38,754)	(23.1)	117,622
Concessions	28,718	29,286	(568)	(1.9)	28,718	114,870	117,144	(2,274)	(1.9)	104,404
Other revenue	-	-	-	-	-	27,861	-	27,861	-	-
Service fee revenue	-	50	(50)	(100.0)	306	295	200	95	47.5	4,526
Interest income	6,506	506	6,000	1,185.8	623	10,400	2,025	8,375	413.6	1,695
<b>Total revenue</b>	<b>414,075</b>	<b>433,400</b>	<b>(19,325)</b>	<b>(4.5)</b>	<b>411,973</b>	<b>1,665,790</b>	<b>1,733,600</b>	<b>(67,810)</b>	<b>(3.9)</b>	<b>1,576,970</b>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	211,802	270,531	58,729	21.7	252,360	900,600	1,085,214	184,614	17.0	967,707
Services	61,951	29,080	(32,871)	(113.0)	139,946	179,601	116,321	(63,280)	(54.4)	305,322
Fuel and lube consumed	1,892	7,835	5,943	75.9	3,061	10,615	26,920	16,305	60.6	13,627
Materials and supplies	25,510	37,404	11,894	31.8	41,709	94,132	133,395	39,263	29.4	119,438
Utilities	53,576	38,476	(15,100)	(39.2)	93,816	202,123	178,285	(23,838)	(13.4)	241,996
Casualty and liability costs	10,767	15,216	4,449	29.2	12,918	50,797	60,306	9,509	15.8	51,690
Other expenses	30,538	30,650	112	0.4	24,475	120,030	109,994	(10,036)	(9.1)	103,193
Other non-operating expense	-	-	-	-	14,000	-	-	-	-	14,000
<b>Total expense</b>	<b>396,036</b>	<b>429,192</b>	<b>33,156</b>	<b>7.7</b>	<b>582,285</b>	<b>1,557,898</b>	<b>1,710,435</b>	<b>152,537</b>	<b>8.9</b>	<b>1,816,973</b>
<b>Income (loss) before depreciation</b>	<b>18,039</b>	<b>4,208</b>	<b>13,831</b>	<b>328.7</b>	<b>(170,312)</b>	<b>107,892</b>	<b>23,165</b>	<b>84,727</b>	<b>365.8</b>	<b>(240,003)</b>
Depreciation and amortization expense	318,592	388,492	69,900	18.0	369,028	1,358,441	1,562,377	203,936	13.1	1,478,455
<b>Net income (loss)</b>	<b>\$ (300,553)</b>	<b>\$ (384,284)</b>	<b>\$ 83,731</b>	<b>21.8</b>	<b>\$ (539,340)</b>	<b>\$ (1,250,549)</b>	<b>\$ (1,539,212)</b>	<b>\$ 288,663</b>	<b>18.8</b>	<b>\$ (1,718,458)</b>

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



**St. Louis Downtown Airport**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 148,057	\$ 174,670	\$ 26,613	15.2	\$ 171,359	\$ 614,970	\$ 698,682	\$ 83,712	12.0	\$ 644,219
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	10,374	13,362	2,988	22.4	11,908	43,072	53,449	10,377	19.4	44,893
Unemployment insurance	227	1,003	776	77.4	323	1,929	6,940	5,011	72.2	2,474
Worker's compensation insurance	11,009	12,002	993	8.3	16,116	44,037	48,007	3,970	8.3	65,054
<b>Health and welfare</b>										
Medical	31,703	24,200	(7,503)	(31.0)	35,016	133,331	96,800	(36,531)	(37.7)	126,863
Dental	780	767	(13)	(1.7)	776	3,437	3,069	(368)	(12.0)	3,105
Other post employment benefits	-	5,959	5,959	100.0	2,191	4,619	24,000	19,381	80.8	9,030
Life insurance / AD&D	269	185	(84)	(45.4)	296	1,201	738	(463)	(62.7)	1,065
Short and long term disability	809	908	99	10.9	880	3,628	3,630	2	0.1	4,177
FMLA administration expense	-	79	79	100.0	-	-	315	315	100.0	100
EAP expense	40	51	11	21.6	45	182	206	24	11.7	195
<b>Retirement</b>										
Pension expense	-	24,200	24,200	100.0	3,589	6,123	96,800	90,677	93.7	19,542
401 K contributions	8,797	12,644	3,847	30.4	9,396	39,228	50,578	11,350	22.4	40,263
<b>Other</b>										
Uniform allowance	(263)	501	764	152.5	465	4,843	2,000	(2,843)	(142.2)	6,727
<b>Total company paid benefits</b>	<u>63,745</u>	<u>95,861</u>	<u>32,116</u>	<u>33.5</u>	<u>81,001</u>	<u>285,630</u>	<u>386,532</u>	<u>100,902</u>	<u>26.1</u>	<u>323,488</u>
<b>Total wages and benefits</b>	<u>\$ 211,802</u>	<u>\$ 270,531</u>	<u>\$ 58,729</u>	<u>21.7</u>	<u>\$ 252,360</u>	<u>\$ 900,600</u>	<u>\$ 1,085,214</u>	<u>\$ 184,614</u>	<u>17.0</u>	<u>\$ 967,707</u>



**St. Louis Downtown Airport**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

<u>Description</u>	<u>Total</u>	<u>Revenue Fund</u>	<u>Investments Operating Fund</u>	<u>Other Restricted Fund</u>
<b>Balance at April 1, 2018</b>				
<b>Cash &amp; Investments</b>	\$ 2,059,257	\$ 2,839	\$ 1,765,763	\$ 290,655
<b>Add:</b>				
Customer payments	498,217	498,217	-	-
Interest received	<u>6,506</u>	<u>-</u>	<u>6,506</u>	<u>-</u>
<b>Total cash receipts</b>	504,723	498,217	6,506	-
Interfund transfers	-	(352,922)	352,922	-
<b>Less:</b>				
Cash disbursements	<u>(811,168)</u>	<u>(147,419)</u>	<u>(663,749)</u>	<u>-</u>
<b>Total cash disbursements</b>	(811,168)	(147,419)	(663,749)	-
<b>Balance at June 30, 2018</b>				
<b>Cash &amp; Investments</b>	<u>\$ 1,752,812</u>	<u>\$ 715</u>	<u>\$ 1,461,442</u>	<u>\$ 290,655</u>



**St. Louis Downtown Airport**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 1,566,010	<b>Noncash Activities:</b> None
Payments to employees	(913,290)	
Payments to vendors	(613,983)	
Payments for self-insurance	(50,797)	
Receipts (payments) from inter-fund activity	(68,132)	
<b>Net cash provided by (used in) operating activities</b>	<b>(80,192)</b>	
<b>Cash flows from non capital financing activities</b>		
None		
<b>Net cash provided by (used in) non capital financing activities</b>	<b>-</b>	
<b>Cash flows from capital and related financing activities</b>		
Acquisitions of capital assets	1,259,249	
Contributed capital	27,895	
<b>Cash flows from capital and related financing activities</b>	<b>1,287,144</b>	
<b>Cash flows from investing activities</b>		
Interest received	10,400	
<b>Net cash provided by (used in) investing activities</b>	<b>10,400</b>	
<b>Net increase (decrease) in cash and cash equivalents</b>	<b>1,217,352</b>	
<b>Cash and cash equivalents, beginning of year</b>	<b>535,460</b>	
<b>Cash and cash equivalents, year to date</b>	<b>\$ 1,752,812</b>	



**St. Louis Downtown Airport**  
**Schedule of Aged Receivables**  
**June 30, 2018**  
(Unaudited)

<b>Customers owing over \$1,000</b>	<b>Less than 30 days</b>	<b>31-60 days</b>	<b>61-90 days</b>	<b>91-180 days</b>	<b>181-360 days</b>	<b>Over 361 days</b>	<b>Total</b>
A & S Helicopters	\$ 1,295	\$ -	\$ -	\$ (7) <sup>1</sup>	\$ -	\$ -	\$ 1,288
Air & Sea Leasing	1,321	-	-	-	-	-	1,321
Aviation Business Corporation	5,382	1,521	1,259	2,366	-	-	10,528
Helicopters Inc	1,779	-	-	-	-	-	1,779
Ideal Aviation Illinois, LLC	12,156	5,277	6,444	8,500	-	-	32,377
Industrial Gas Products Inc	622	-	-	586	-	-	1,208
Jet Aviation - Cahokia, IL	4,014	-	-	-	-	-	4,014
Jet Aviation - St. Louis, MO	8,606	-	-	(52) <sup>1</sup>	732	-	9,286
Kenneth Wellbacher	5,811	-	-	-	-	-	5,811
Parks Aviation Holdings LLC	4,730	122	1,620	3,240	36	-	9,748
Parks College	2,648	-	-	-	-	-	2,648
West Star Aviation	3,264	-	-	-	-	-	3,264
William Wilson	530	150	230	2,530	-	690	4,130
All other customers	4,203	(753) <sup>1</sup>	(354) <sup>1</sup>	(751) <sup>1</sup>	(2,024) <sup>1</sup>	252	573
Allowance for Bad Debts	(18,984)	-	-	-	-	-	(18,984)
<b>Total</b>	<b>\$ 37,377</b>	<b>\$ 6,317</b>	<b>\$ 9,199</b>	<b>\$ 16,412</b>	<b>\$ (1,256)</b>	<b>\$ 942</b>	<b>\$ 68,991</b>

<sup>1</sup> 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, 2018  
(unaudited)

Description		<u>Budget</u>	<u>Current</u>	<u>Year-To-Date</u>	<u>Life-To-Date</u>	<u>Balance</u>
<b>Project #</b>						
Taxiway Bravo - Phase 1		\$ 4,755,151	\$ -	\$ -	\$ -	\$ 4,755,151
Earthwork - Grade Ditch Parallel to Main Runway	x	755,490	-	-	754,701	789
Environmental Assessment and ALP	x	165,000	9,998	29,363	116,037	48,963
Airport Terminal Roof - Phase 1	x	144,700	-	-	129,773	14,927
Airport Terminal Restaurant Sewer		95,103	-	-	-	95,103
80' Man Lift		84,536	-	-	-	84,536
Air Condition units on terminal		52,835	-	-	-	52,835
Airport Terminal Roof - Phase 2		47,552	-	-	-	47,552
Airport signage	x	36,000	-	-	-	36,000
Zero-Turn Mower		17,964	-	-	-	17,964
<b>Total Active Projects</b>		<u>\$ 6,154,331</u>	<u>\$ 9,998</u>	<u>\$ 29,363</u>	<u>\$ 1,000,511</u>	<u>\$ 5,153,820</u>

x Projects are carryover from prior year.





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# Riverfront Attractions

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

The riverboats and heliport experienced strong attendance for the daily sightseeing cruises, dinner cruises, and helicopter rides. There continues to be an increased interest in private charter cruises.

Due to the unseasonably warm weather the riverboats were able to run sightseeing cruises in the month of December.

As a result of the completion of the \$380-million CityArchRiver project to renovate the Gateway Arch National Park, the nation's largest Fourth of July celebration, Fair Saint Louis, returned to the riverfront July 4, 6 and 7, 2018 as did the Gateway Arch Riverboat Fireworks Cruises.

## Financial Data

**Income before depreciation** for Riverfront Attractions is \$446.7 thousand compared to \$343.8 thousand in the prior year.

**Revenue** is \$3.0 million, which is 7.9% greater than the prior year, a direct result of increased passengers, cruises, gift shop sales, and passengers on each cruise.

### Revenue



**Total Expense** is \$1.8 million up 2% from last year.

### Expense





# Riverfront Attractions

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

**Services Expense** are 8.0% less than the prior year due to decreased maintenance services.

The 23.4% increase in **materials and supplies** over the prior year reflects the additional cost of consumable goods related to the increased number of cruises.

## Performance Data

Performance Indicators			
YTD	Passengers	Cruises	Passengers per Cruise
FY18 Actual	119,588	1,019	117
FY18 Budget	115,600	1,007	115
FY17 Actual	105,775	909	116

Total **riverboat passengers** are up 13.1% over the prior year, cruises are up 12.1% over the prior year, and Riverboat days of operation are up from 249 to 273, and increase of 8.8%, all due to fewer flooding issues and the unseasonably warm weather which allowed for sightseeing cruises during the month of December. The performance data indicates that the passenger attendance for FY18 cruises was strong, trending up, and cruises continue to be well attended.



**Riverfront Attractions**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 217,545	\$ 70,754	\$ 146,791	207.5	\$ 34,659	\$ 182,886	527.7
Accounts and notes receivable	14,641	8,389	6,252	74.5	16,327	(1,686)	(10.3)
Interfund accounts receivable	307,500	123,262	184,238	149.5	88,950	218,550	245.7
Materials and supplies inventory	44,374	44,226	148	0.3	48,812	(4,438)	(9.1)
Other current assets	-	35,028	(35,028)	(100.0)	-	-	n/a
Total current assets	584,060	281,659	302,401	107.4	188,748	395,312	209.4
Capital assets							
Capital assets	5,109,041	5,109,041	-	-	5,098,609	10,432	0.2
Accumulated depreciation	(4,001,950)	(3,938,735)	(63,215)	(1.6)	(3,746,408)	(255,542)	(6.8)
Total capital assets, net	1,107,091	1,170,306	(63,215)	(5.4)	1,352,201	(245,110)	(18.1)
Total capital assets	1,107,091	1,170,306	(63,215)	(5.4)	1,352,201	(245,110)	(18.1)
Total assets	1,691,151	1,451,965	239,186	16.5	1,540,949	150,202	9.7
<b>Total</b>	<u>\$ 1,691,151</u>	<u>\$ 1,451,965</u>	<u>\$ 239,186</u>	16.5	<u>\$ 1,540,949</u>	<u>\$ 150,202</u>	9.7



**Riverfront Attractions**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 39,870	\$ 2,799	\$ 37,071	n/a	\$ 27,962	\$ 11,908	42.6
Interfund accounts payable	1,165,843	1,184,986	(19,143)	(1.6)	1,169,029	(3,186)	(0.3)
Accrued expenses	109,000	109,000	-	-	109,023	(23)	-
Other current liabilities	84,946	45,924	39,022	85.0	124,208	(39,262)	(31.6)
Total current liabilities	1,399,659	1,342,709	56,950	4.2	1,430,222	(30,563)	(2.1)
Non-current liabilities							
Other post-employment benefits	308,979	324,851	(15,872)	(4.9)	319,362	(10,383)	(3.3)
Unfunded pension liabilities	281,766	281,766	-	-	281,766	-	-
Total non-current liabilities	590,745	606,617	(15,872)	(2.6)	601,128	(10,383)	(1.7)
Total liabilities	1,990,404	1,949,326	41,078	2.1	2,031,350	(40,946)	(2.0)
<b>Net Position</b>							
Net position - capital investments	1,107,091	1,170,305	(63,214)	(5.4)	1,385,855	(278,764)	(20.1)
Net position	(1,597,492)	(1,660,707)	63,215	3.8	(1,961,790)	364,298	18.6
Net income (loss)	191,148	(6,959)	198,107	n/a	85,534	105,614	123.5
Total net position	(299,253)	(497,361)	198,108	39.8	(490,401)	191,148	39.0
<b>Total</b>	<b>\$ 1,691,151</b>	<b>\$ 1,451,965</b>	<b>\$ 239,186</b>	<b>16.5</b>	<b>\$ 1,540,949</b>	<b>\$ 150,202</b>	<b>9.7</b>



**Riverfront Attractions**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Cruise	\$ 693,948	\$ 736,700	\$ (42,752)	(5.8)	\$ 638,136	\$ 1,974,735	\$ 1,976,850	\$ (2,115)	(0.1)	\$ 1,759,381
Food and beverage	268,296	326,850	(58,554)	(17.9)	236,000	840,955	898,425	(57,470)	(6.4)	811,706
Retail	52,580	27,000	25,580	94.7	46,390	133,433	87,850	45,583	51.9	121,424
Other operating revenue	35,025	35,895	(870)	(2.4)	27,857	128,594	118,021	10,573	9.0	131,855
Other revenue	-	-	-	-	-	947	-	947	-	-
Sales discount	(9,892)	(10,940)	1,048	9.6	(3,740)	(42,483)	(32,820)	(9,663)	(29.4)	(11,977)
<b>Total revenue</b>	<u>1,039,957</u>	<u>1,115,505</u>	<u>(75,548)</u>	<u>(6.8)</u>	<u>944,643</u>	<u>3,036,181</u>	<u>3,048,326</u>	<u>(12,145)</u>	<u>(0.4)</u>	<u>2,812,389</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	400,430	410,754	10,324	2.5	378,634	1,377,050	1,456,219	79,169	5.4	1,289,119
Services	54,219	68,894	14,675	21.3	54,330	256,751	272,698	15,947	5.8	279,080
Fuel and lube consumed	22,072	18,000	(4,072)	(22.6)	21,365	51,636	51,000	(636)	(1.2)	51,780
Materials and supplies	208,176	186,620	(21,556)	(11.6)	129,057	522,498	497,182	(25,316)	(5.1)	423,533
Utilities	31,989	24,071	(7,918)	(32.9)	19,753	98,456	90,880	(7,576)	(8.3)	89,755
Casualty and liability costs	35,528	42,690	7,162	16.8	35,163	141,693	169,675	27,982	16.5	140,652
Other expenses	26,221	39,943	13,722	34.4	35,714	141,406	148,046	6,640	4.5	145,494
<b>Total expense</b>	<u>778,635</u>	<u>790,972</u>	<u>12,337</u>	<u>1.6</u>	<u>709,053</u>	<u>2,589,490</u>	<u>2,685,700</u>	<u>96,210</u>	<u>3.6</u>	<u>2,468,549</u>
<b>Income (loss) before depreciation</b>	<u>261,322</u>	<u>324,533</u>	<u>(63,211)</u>	<u>(19.5)</u>	<u>235,590</u>	<u>446,691</u>	<u>362,626</u>	<u>84,065</u>	<u>23.2</u>	<u>343,840</u>
Depreciation and amortization expense	63,215	78,853	15,638	19.8	64,976	255,543	315,412	59,869	19.0	258,306
<b>Net income (loss)</b>	<u>\$ 198,107</u>	<u>\$ 245,680</u>	<u>\$ (47,573)</u>	<u>(19.4)</u>	<u>\$ 170,614</u>	<u>\$ 191,148</u>	<u>\$ 47,214</u>	<u>\$ 143,934</u>	<u>304.9</u>	<u>\$ 85,534</u>

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



**Riverfront Attractions**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 315,091	\$ 308,464	\$ (6,627)	(2.1)	\$ 295,148	\$ 1,046,106	\$ 1,063,957	\$ 17,851	1.7	\$ 981,065
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	23,139	23,595	456	1.9	20,943	76,347	81,393	5,046	6.2	70,884
Unemployment insurance	916	3,596	2,680	74.5	770	3,811	12,990	9,179	70.7	4,503
Worker's compensation insurance	-	2,321	2,321	100.0	923	-	9,282	9,282	100.0	3,251
<b>Health and welfare</b>										
Medical	22,824	25,300	2,476	9.8	20,984	88,336	101,200	12,864	12.7	84,583
Dental	733	802	69	8.6	708	3,123	3,209	86	2.7	3,152
Other post employment benefits	-	5,479	5,479	100.0	2,361	5,488	22,000	16,512	75.1	10,017
Life insurance / AD&D	315	193	(122)	(63.2)	308	1,350	772	(578)	(74.9)	1,140
Short and long term disability	1,052	949	(103)	(10.9)	1,012	4,497	3,795	(702)	(18.5)	4,870
FMLA administration expense	-	82	82	100.0	-	-	329	329	100.0	675
EAP expense	44	54	10	18.5	44	190	215	25	11.6	195
<b>Retirement</b>										
Pension expense	28,688	25,300	(3,388)	(13.4)	28,222	120,666	101,200	(19,466)	(19.2)	95,735
401 K contributions	5,441	13,219	7,778	58.8	5,408	23,167	52,877	29,710	56.2	22,860
<b>Other</b>										
Uniform allowance	2,187	1,400	(787)	(56.2)	1,803	3,969	3,000	(969)	(32.3)	6,189
<b>Total company paid benefits</b>	<u>85,339</u>	<u>102,290</u>	<u>16,951</u>	<u>16.6</u>	<u>83,486</u>	<u>330,944</u>	<u>392,262</u>	<u>61,318</u>	<u>15.6</u>	<u>308,054</u>
<b>Total wages and benefits</b>	<u>\$ 400,430</u>	<u>\$ 410,754</u>	<u>\$ 10,324</u>	<u>2.5</u>	<u>\$ 378,634</u>	<u>\$ 1,377,050</u>	<u>\$ 1,456,219</u>	<u>\$ 79,169</u>	<u>5.4</u>	<u>\$ 1,289,119</u>



**Riverfront Attractions**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

<u>Description</u>	<u>Total</u>	<u>Operating Fund</u>	<u>Change Fund</u>
<b>Balance at April 1, 2018</b>			
<b>Cash &amp; Investments</b>	\$ 70,754	\$ 64,854	\$ 5,900
<b>Add:</b>			
Revenue receipts	868,839	868,839	-
<b>Total cash receipts</b>	<u>868,839</u>	<u>868,839</u>	<u>-</u>
Interfund transfers	-	-	-
<b>Less:</b>			
Cash disbursements	(722,048)	(722,048)	-
<b>Total cash disbursements</b>	<u>(722,048)</u>	<u>(722,048)</u>	<u>-</u>
<b>Balance at June 30, 2018</b>			
<b>Cash &amp; Investments</b>	<u>\$ 217,545</u>	<u>\$ 211,645</u>	<u>\$ 5,900</u>



**Riverfront Attractions**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 3,036,920	<b>Noncash Activities:</b> None
Payments to employees	(1,387,456)	
Payments to vendors	(1,093,664)	
Payments for self-insurance	(141,693)	
Receipts (payments) from inter-fund activity	(221,736)	
<b>Net cash provided by (used in) operating activities</b>	<u>192,371</u>	
<b>Cash flows from non capital financing activities</b>		
Nonoperating contributions	<u>947</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>947</u>	
<b>Cash flows from capital and related financing activities</b>		
Acquisitions of capital assets	<u>(10,432)</u>	
<b>Cash flows from capital and related financing activities</b>	<u>(10,432)</u>	
<b>Cash flows from investing activities</b>		
None	<u></u>	
<b>Net cash provided by (used in) investing activities</b>	<u>-</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	182,886	
<b>Cash and cash equivalents, beginning of year</b>	<u>34,659</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 217,545</u>	



**Riverfront Attractions**  
**Capital Expenditures for Active Projects**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description		<u>Budget</u>	<u>Current</u>	<u>Year-To-Date</u>	<u>Life-To-Date</u>	<u>Balance</u>
<b>Project #</b>						
	Riverboat Gangway	x \$ 121,052	\$ -	-	\$ 106,833	\$ 14,219
	Becky Thatcher Inspection/Dry Docking	175,000	-	-	-	175,000
<b>Total Active Projects</b>		<u>\$ 296,052</u>	<u>\$ -</u>	<u>-</u>	<u>\$ 106,833</u>	<u>\$ 189,219</u>
x	Projects are carryover from prior year.					





## ST LOUIS REGIONAL FREIGHTWAY

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# St. Louis Regional Freightway

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

The St. Louis Regional Freightway, along with four ports in the bi-state area, entered into a Memorandum of Understanding with the Plaquemines Port Harbor & Terminal District located in Louisiana. This agreement was created to generate new business by promoting international and inland trade at strategic locations along the Mississippi River, and calls for sharing of data and research and joint marketing initiatives.

The Freightway has also partnered with IMX Inland Marine Expo, The Waterways Journal and the Institute for Trade and Transportation to launch the inaugural FreightWeekSTL conference, which will bring industry leaders, experts and influencers together to share ideas and advance the nation's freight and logistics industries. FreightWeekSTL was held the third week of May and was successful.

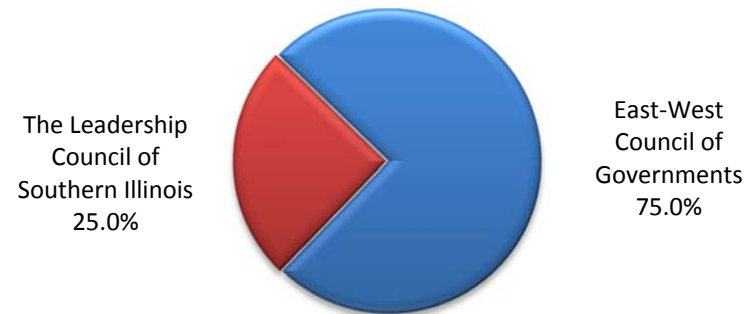
## Financial Data

**Net loss** for the St. Louis Regional Freightway is \$752.9 thousand.

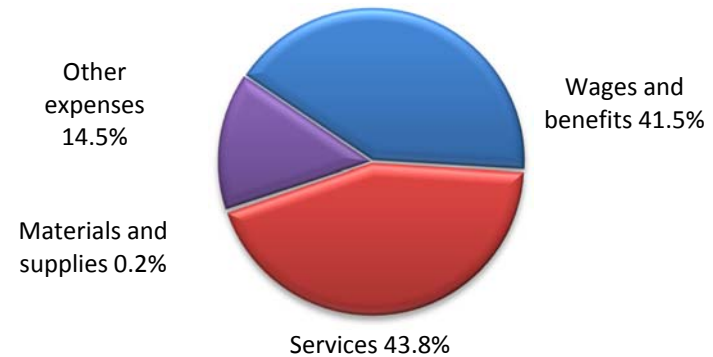
**Revenue** includes \$75.0 thousand is from East-West Council of Governments as Partnership Revenue Fees and \$25.0 thousand is from The Leadership Council of Southern Illinois.

**Expense** of \$911.6 thousand includes compensation and benefits of \$377.7 thousand. Services were \$401.5 thousand due to consulting, legal fees, and immaterial office supplies expense. All other expenses were \$132.4 thousand, primarily for dues and subscriptions.

### Revenue



### Expenses





**St. Louis Regional Freightway**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 23,897	\$ 66,515	\$ (42,618)	(64.1)	\$ 82,638	\$ (58,741)	(71.1)
Accounts and notes receivable	4,755	11,700	(6,945)	(59.4)	25,340	(20,585)	(81.2)
Interfund accounts receivable	-	18,879	(18,879)	(100.0)	66,946	(66,946)	(100.0)
Total current assets	<u>28,652</u>	<u>97,094</u>	<u>(68,442)</u>	(70.5)	<u>174,924</u>	<u>(146,272)</u>	(83.6)
Total assets	<u>28,652</u>	<u>97,094</u>	<u>(68,442)</u>	(70.5)	<u>174,924</u>	<u>(146,272)</u>	(83.6)
<b>Total</b>	<u>\$ 28,652</u>	<u>\$ 97,094</u>	<u>\$ (68,442)</u>	(70.5)	<u>\$ 174,924</u>	<u>\$ (146,272)</u>	(83.6)



**St. Louis Regional Freightway**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
**(unaudited)**

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 25,008	\$ -	\$ 25,008	n/a	\$ 29,150	\$ (4,142)	(14.2)
Interfund accounts payable	1,383,766	1,154,270	229,496	19.9	780,578	603,188	77.3
Accrued expenses	14,900	14,900	-	-	14,900	-	-
Other current liabilities	10,055	33,450	(23,395)	(69.9)	-	10,055	n/a
Total current liabilities	1,433,729	1,202,620	231,109	19.2	824,628	609,101	73.9
Non-current liabilities							
Other post-employment benefits	133,974	138,287	(4,313)	(3.1)	136,017	(2,043)	(1.5)
Unfunded pension liabilities	5,092	5,092	-	-	5,092	-	-
Total non-current liabilities	139,066	143,379	(4,313)	(3.0)	141,109	(2,043)	(1.4)
Total liabilities	1,572,795	1,345,999	226,796	16.8	965,737	607,058	62.9
<b>Net Position</b>							
Net position	(790,812)	(790,812)	-	-	(293,270)	(497,542)	(169.7)
Net income (loss)	(753,331)	(458,093)	(295,238)	(64.4)	(497,543)	(255,788)	(51.4)
Total net position	(1,544,143)	(1,248,905)	(295,238)	(23.6)	(790,813)	(753,330)	(95.3)
<b>Total</b>	<b>\$ 28,652</b>	<b>\$ 97,094</b>	<b>\$ (68,442)</b>	<b>(70.5)</b>	<b>\$ 174,924</b>	<b>\$ (146,272)</b>	<b>(83.6)</b>



**St. Louis Regional Freightway  
Statement of Activities  
For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Partnership fees	\$ -	\$ 47,500	\$ (47,500)	(100.0)	\$ 37,500	\$ 100,000	\$ 190,000	\$ (90,000)	(47.4)	\$ 175,000
Other revenue	53,040	10,000	43,040	430.4	27,255	58,625	40,000	18,625	46.6	28,005
Interest income	104	-	104	-	-	104	-	104	-	-
<b>Total revenue</b>	<u>53,144</u>	<u>57,500</u>	<u>(4,356)</u>	<u>(7.6)</u>	<u>64,755</u>	<u>158,729</u>	<u>230,000</u>	<u>(71,271)</u>	<u>(31.0)</u>	<u>203,005</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	95,055	75,705	(19,350)	(25.6)	87,350	377,655	303,302	(74,353)	(24.5)	332,729
Services	168,596	136,250	(32,346)	(23.7)	170,883	399,458	545,000	145,542	26.7	337,535
Materials and supplies	356	913	557	61.0	135	2,076	1,500	(576)	(38.4)	3,383
Utilities	-	150	150	100.0	-	-	600	600	100.0	-
Other expenses	84,375	24,375	(60,000)	(246.2)	1,125	132,371	97,500	(34,871)	(35.8)	26,901
<b>Total expense</b>	<u>348,382</u>	<u>237,393</u>	<u>(110,989)</u>	<u>(46.8)</u>	<u>259,493</u>	<u>911,560</u>	<u>947,902</u>	<u>36,342</u>	<u>3.8</u>	<u>700,548</u>
<b>Net income (loss) before transfers</b>	(295,238)	(179,893)	(115,345)	(64.1)	(194,738)	(752,831)	(717,902)	(34,929)	(4.9)	(497,543)
<b>Net transfers in (out)</b>	<u>(500)</u>	<u>-</u>	<u>(500)</u>	<u>-</u>	<u>-</u>	<u>(1,000)</u>	<u>-</u>	<u>(1,000)</u>	<u>-</u>	<u>-</u>
<b>Net income (loss)</b>	<u>\$ (295,738)</u>	<u>\$ (179,893)</u>	<u>\$ (115,845)</u>	<u>(64.4)</u>	<u>\$ (194,738)</u>	<u>\$ (753,831)</u>	<u>\$ (717,902)</u>	<u>\$ (35,929)</u>	<u>(5.0)</u>	<u>\$ (497,543)</u>

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



**St. Louis Regional Freightway  
Detailed Schedule of Wages and Benefits  
For the Quarter Ended June 30, 2018**

(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 74,937	\$ 60,115	\$ (14,822)	(24.7)	\$ 69,705	\$ 297,159	\$ 240,460	\$ (56,699)	(23.6)	\$ 267,891
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	5,284	4,599	(685)	(14.9)	5,050	18,288	18,395	107	0.6	16,251
Unemployment insurance	4	79	75	94.9	43	383	800	417	52.1	583
Worker's compensation insurance	-	180	180	100.0	-	-	721	721	100.0	-
<b>Health and welfare</b>										
Medical	10,301	4,000	(6,301)	(157.5)	7,980	39,215	16,000	(23,215)	(145.1)	29,819
Dental	244	127	(117)	(92.1)	180	1,001	507	(494)	(97.4)	716
Other post employment benefits	-	313	313	100.0	935	2,271	1,250	(1,021)	(81.7)	3,745
Life insurance / AD&D	121	31	(90)	(290.3)	94	501	122	(379)	(310.7)	336
Short and long term disability	437	150	(287)	(191.3)	339	1,754	600	(1,154)	(192.3)	1,419
FMLA administration expense	-	13	13	100.0	-	-	52	52	100.0	23
EAP expense	12	8	(4)	(50.0)	8	49	34	(15)	(44.1)	33
<b>Retirement</b>										
Pension expense	-	4,000	4,000	100.0	-	1,733	16,000	14,267	89.2	1,730
401 K contributions	3,715	2,090	(1,625)	(77.8)	3,016	15,301	8,361	(6,940)	(83.0)	10,183
<b>Total company paid benefits</b>	<u>20,118</u>	<u>15,590</u>	<u>(4,528)</u>	<u>(29.0)</u>	<u>17,645</u>	<u>80,496</u>	<u>62,842</u>	<u>(17,654)</u>	<u>(28.1)</u>	<u>64,838</u>
<b>Total wages and benefits</b>	<u>\$ 95,055</u>	<u>\$ 75,705</u>	<u>\$ (19,350)</u>	<u>(25.6)</u>	<u>\$ 87,350</u>	<u>\$ 377,655</u>	<u>\$ 303,302</u>	<u>\$ (74,353)</u>	<u>(24.5)</u>	<u>\$ 332,729</u>



**St. Louis Regional Freightway**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

<u>Description</u>	<u>Total</u>	<u>Operating Fund</u>	<u>Externally Restricted</u>
<b>Balance at April 1, 2018</b>			
<b>Cash &amp; Investments</b>	\$ 66,515	\$ 51,515	\$ 15,000
<b>Add:</b>			
Revenue receipts	33,793	33,793	-
	104	104	-
<b>Total cash receipts</b>	<u>33,897</u>	<u>33,897</u>	<u>-</u>
Interfund transfers	-	-	-
<b>Less:</b>			
Cash disbursements	<u>(76,515)</u>	<u>(61,515)</u>	<u>(15,000)</u>
<b>Total cash disbursements</b>	<u>(76,515)</u>	<u>(61,515)</u>	<u>(15,000)</u>
<b>Balance at June 30, 2018</b>			
<b>Cash &amp; Investments</b>	<u>\$ 23,897</u>	<u>\$ 23,897</u>	<u>\$ -</u>



**St. Louis Regional Freight District**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 179,710	<b>Noncash Activities:</b> None
Payments to employees	(379,696)	
Payments to vendors	(527,993)	
Payments for self-insurance	-	
Receipts (payments) from inter-fund activity	<u>670,134</u>	
<b>Net cash provided by (used in) operating activities</b>	<u>(57,845)</u>	
<b>Cash flows from non capital financing activities</b>		
Net transfers	<u>(1,000)</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>(1,000)</u>	
<b>Cash flows from capital and related financing activities</b>		
None	<u></u>	
<b>Cash flows from capital and related financing activities</b>	<u>-</u>	
<b>Cash flows from investing activities</b>		
Interest received	<u>104</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>104</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	(58,741)	
<b>Cash and cash equivalents, beginning of year</b>	<u>82,638</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 23,897</u>	





BI-STATE DEVELOPMENT  
RESEARCH  
INSTITUTE

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# Bi-State Development Research Institute

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

Bi-State Development Research Institute is using funds from the Missouri Foundation for Health to begin funding operating costs for the Link Market Food Kiosk project.

Each year The St. Louis Regional Chamber honors companies, organizations and institutions who make St. Louis a more attractive place to live, work and invest. At the 5th Annual Arcus Awards on March 1, 2018 they presented the Research Institute with an Arcus Award for Achievement for Public Policy in recognition for its work addressing regional issues related to health care and fresh food access, including the launch of a program offering mobile health screenings at Metro Transit locations in underserved communities and fresh food kiosks providing healthy food options at two MetroLink stations in areas of North St. Louis County identified as “food deserts.”

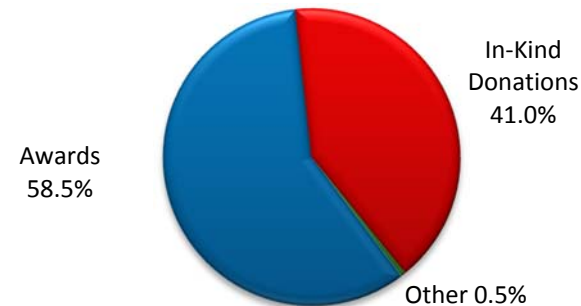
## Financial Data

**Net Income** is \$148.1 thousand.

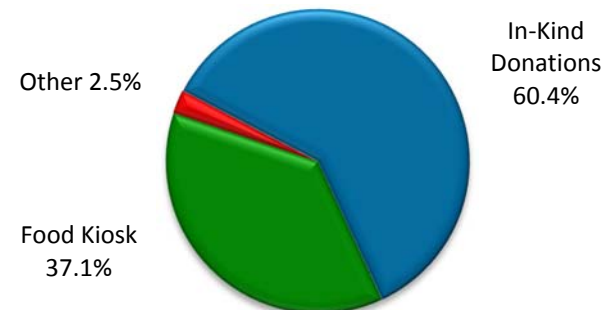
**Revenue** from Awards/Grants funding totaled \$278.5 thousand and \$195.1 thousand of In-kind donations from Bi-State Development.

**Expense** totals \$323.1 thousand. The majority of expense is related to the Missouri Health Foundation grant being used for the Link Market Food Kiosk project and pay for monthly operating expenses and \$195.1 thousand of In-kind donations from the Bi-State Development Agency.

### Income



### Expense





**Bi-State Development Research Institute**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 83,287	\$ 143,287	\$ (60,000)	(41.9)	\$ 226,205	\$ (142,918)	(63.2)
Accounts and notes receivable	-	-	-	n/a	429	(429)	(100.0)
Other current assets	60,000	30,000	30,000	100.0	40,000	20,000	50.0
Total current assets	143,287	173,287	(30,000)	(17.3)	266,634	(123,347)	(46.3)
Capital assets							
Capital assets	270,000	270,000	-	-	-	270,000	n/a
Accumulated depreciation	(6,750)	(4,050)	(2,700)	(66.7)	-	(6,750)	n/a
Total capital assets, net	263,250	265,950	(2,700)	(1.0)	-	263,250	n/a
Construction-in-process	-	-	-	n/a	135,000	(135,000)	(100.0)
Total capital assets	263,250	265,950	(2,700)	(1.0)	135,000	128,250	95.0
Total assets	406,537	439,237	(32,700)	(7.4)	401,634	4,903	1.2
<b>Total</b>	<b>\$ 406,537</b>	<b>\$ 439,237</b>	<b>\$ (32,700)</b>	<b>(7.4)</b>	<b>\$ 401,634</b>	<b>\$ 4,903</b>	<b>1.2</b>



**Bi-State Development Research Institute**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ -	\$ -	\$ -	n/a	\$ 3,000	\$ (3,000)	(100.0)
Interfund accounts payable	21,624	20,911	713	3.4	19,433	2,191	11.3
Other current liabilities	81,248	141,248	(60,000)	(42.5)	223,650	(142,402)	(63.7)
Total current liabilities	102,872	162,159	(59,287)	(36.6)	246,083	(143,211)	(58.2)
Total liabilities	102,872	162,159	(59,287)	(36.6)	246,083	(143,211)	(58.2)
<b>Net Position</b>							
Net position	155,550	155,550	-	-	39,127	116,423	297.6
Net income (loss)	148,115	121,528	26,587	21.9	116,424	31,691	27.2
Total net position	303,665	277,078	26,587	9.6	155,551	148,114	95.2
<b>Total</b>	<u>\$ 406,537</u>	<u>\$ 439,237</u>	<u>\$ (32,700)</u>	(7.4)	<u>\$ 401,634</u>	<u>\$ 4,903</u>	1.2



**Bi-State Development Research Institute**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Not for profit revenue	\$ 60,000	\$ 16,000	\$ 44,000	275.0	\$ 195,000	\$ 278,512	\$ 64,000	\$ 214,512	335.2	\$ 195,429
Contributions <sup>1</sup>	44,944	-	44,944	-	-	195,116	-	195,116	-	-
Other revenue	-	-	-	-	-	2,571	-	2,571	-	-
<b>Total revenue</b>	<u>104,944</u>	<u>16,000</u>	<u>88,944</u>	<u>555.9</u>	<u>195,000</u>	<u>476,199</u>	<u>64,000</u>	<u>412,199</u>	<u>644.1</u>	<u>195,429</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	34,124	-	(34,124)	-	-	148,101	-	(148,101)	-	-
Services	30,553	27,590	(2,963)	(10.7)	23,818	124,203	110,360	(13,843)	(12.5)	77,833
Materials and supplies	234	609	375	61.6	-	1,704	1,000	(704)	(70.4)	800
Utilities	381	150	(231)	(154.0)	-	1,247	600	(647)	(107.8)	-
Interfund admin fees	10,025	-	(10,025)	-	-	43,368	-	(43,368)	-	-
Other expenses	340	1,000	660	66.0	-	4,511	4,000	(511)	(12.8)	372
<b>Total expense</b>	<u>75,657</u>	<u>29,349</u>	<u>(46,308)</u>	<u>(157.8)</u>	<u>23,818</u>	<u>323,134</u>	<u>115,960</u>	<u>(207,174)</u>	<u>(178.7)</u>	<u>79,005</u>
<b>Income (loss) before depreciation</b>	<u>29,287</u>	<u>(13,349)</u>	<u>42,636</u>	<u>319.4</u>	<u>171,182</u>	<u>153,065</u>	<u>(51,960)</u>	<u>205,025</u>	<u>394.6</u>	<u>116,424</u>
Depreciation and amortization expense	<u>2,700</u>	<u>-</u>	<u>(2,700)</u>	<u>-</u>	<u>-</u>	<u>4,950</u>	<u>-</u>	<u>(4,950)</u>	<u>-</u>	<u>-</u>
<b>Net income (loss)</b>	<u>\$ 26,587</u>	<u>\$ (13,349)</u>	<u>\$ 39,936</u>	<u>299.2</u>	<u>\$ 171,182</u>	<u>\$ 148,115</u>	<u>\$ (51,960)</u>	<u>\$ 200,075</u>	<u>385.1</u>	<u>\$ 116,424</u>

<sup>1</sup> - Contributions include in-kind donations of services, supplies and materials from other BSD business units.



**Bi-State Development Research Institute  
Cash Receipts and Disbursements Schedule  
For the Quarter Ended June 30, 2018  
(unaudited)**

<u>Description</u>	<u>Total</u>	<u>Operating Fund</u>	<u>Restricted Fund</u>
<b>Balance at April 1, 2018</b>			
<b>Cash &amp; Investments</b>	\$ 143,287	\$ 2,039	\$ 141,248
<b>Add:</b>			
Receipts	-	-	-
<b>Total cash receipts</b>	-	-	-
Interfund transfers	-	-	-
<b>Less:</b>			
Cash disbursements	(60,000)	-	(60,000)
<b>Total cash disbursements</b>	(60,000)	-	(60,000)
<b>Balance at June 30, 2018</b>			
<b>Cash &amp; Investments</b>	<u>\$ 83,287</u>	<u>\$ 2,039</u>	<u>\$ 81,248</u>



**Bi-State Development Research Institute**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

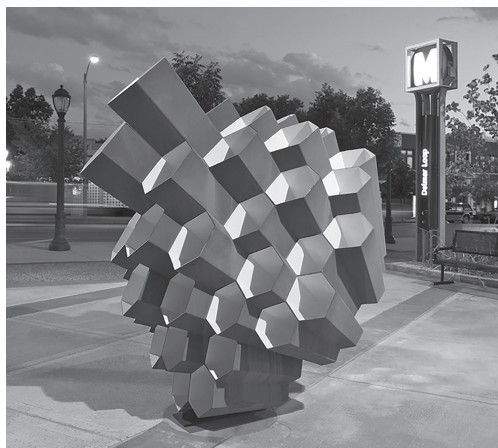
<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 474,057	<b>Noncash Activities:</b> None
Payments to employees	(148,101)	
Payments to vendors	(297,067)	
Receipts (payments) from inter-fund activity	(41,177)	
<b>Net cash provided by (used in) operating activities</b>	<u>(12,288)</u>	
<b>Cash flows from non capital financing activities</b>		
Non-operating contributions	<u>2,571</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>2,571</u>	
<b>Cash flows from capital and related financing activities</b>		
Acquisitions of capital assets	(133,200)	
Contributed capital	<u>(1)</u>	
<b>Cash flows from capital and related financing activities</b>	<u>(133,201)</u>	
<b>Cash flows from investing activities</b>		
None	<u>-</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>-</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	(142,918)	
<b>Cash and cash equivalents, beginning of year</b>	<u>226,205</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 83,287</u>	



**Research Institute**  
**Capital Expenditures for Active Projects**  
For the Quarter Ended June 30, 2018  
(unaudited)

<b>Description</b>	<b>Budget</b>	<b>Current</b>	<b>Year-To-Date</b>	<b>Life-To-Date</b>	<b>Balance</b>
<b>Project #</b>					
MFH Food Kiosk Program	\$ 583,958	\$ -	270,000.00	\$ 270,000	\$ 313,958
<b>Total Active Projects</b>	<u>\$ 583,958</u>	<u>\$ -</u>	<u>270,000.00</u>	<u>\$ 270,000</u>	<u>\$ 313,958</u>





Arts in Transit

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# Arts In Transit, Inc.

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

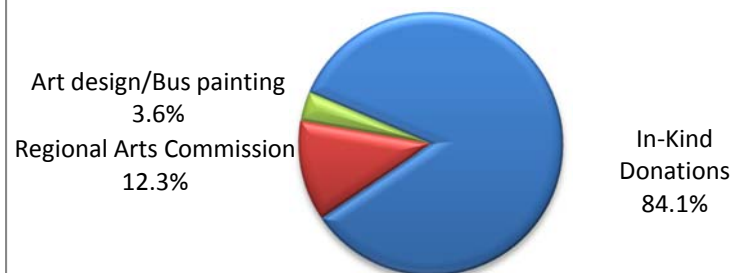
In April 2018 Arts in Transit began accepting entries for the 2018 MetroLines poetry contest inviting local poets to submit their work for the chance to have their poems displayed on MetroBus vehicles and MetroLink trains for up to one year. MetroLines is open to both published and non-published work by bi-state residents of all ages, however previously published work must be provided with permission to reproduce. A panel of literary professionals from the St. Louis region will judge the entries.

## Financial Data

**Net Income** is \$16.6 thousand.

**Total revenue** of \$259.9 thousand includes contributions from the Regional Arts Commission, proceeds from bus paintings, and the recognition of In-kind donations from the Bi-State Development Agency.

### Revenue



**Expense** of \$243.4 thousand consists of \$23.0 thousand for MetroScapes, MetroLines, and design and bus wrap services related to a bus painting, \$1.6 thousand in expense related to publicity and immaterial bank fees, and \$218.7 thousand of In-kind donations from Bi-State Development.

### Expense





**Arts In Transit, Inc.**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash	\$ 71,066	\$ 75,907	\$ (4,841)	(6.4)	\$ 61,695	\$ 9,371	15.2
Accounts and notes receivable	8,000	-	8,000	n/a	-	8,000	n/a
Total current assets	79,066	75,907	3,159	4.2	61,695	17,371	28.2
Total assets	79,066	75,907	3,159	4.2	61,695	17,371	28.2
<b>Total</b>	<b>\$ 79,066</b>	<b>\$ 75,907</b>	<b>\$ 3,159</b>	<b>4.2</b>	<b>\$ 61,695</b>	<b>\$ 17,371</b>	<b>28.2</b>



**Arts In Transit, Inc.**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Interfund accounts payable	\$ 792	\$ -	\$ 792	n/a	\$ -	\$ 792	n/a
Total current liabilities	792	-	792	n/a	-	792	n/a
Total liabilities	792	-	792	n/a	-	792	n/a
<b>Net Position</b>							
Net position	61,695	61,695	-	-	22,574	39,121	173.3
Net income (loss)	16,579	14,212	2,367	16.7	39,121	(22,542)	(57.6)
Total net position	78,274	75,907	2,367	3.1	61,695	16,579	26.9
<b>Total</b>	<u>\$ 79,066</u>	<u>\$ 75,907</u>	<u>\$ 3,159</u>	4.2	<u>\$ 61,695</u>	<u>\$ 17,371</u>	28.2



**Arts In Transit, Inc.**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Not for Profit Revenue	\$ 8,150	\$ 12,500	\$ (4,350)	(34.8)	\$ 32,000	\$ 41,250	\$ 50,000	\$ (8,750)	(17.5)	\$ 64,507
Contributions <sup>1</sup>	65,531	-	65,531	-	-	218,685	-	218,685	-	-
<b>Total revenue</b>	<u>73,681</u>	<u>12,500</u>	<u>61,181</u>	489.4	<u>32,000</u>	<u>259,935</u>	<u>50,000</u>	<u>209,935</u>	419.9	<u>64,507</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	30,726	-	(30,726)	-	-	129,750	-	(129,750)	-	-
Services	14,008	25,000	10,992	44.0	3,489	43,710	100,000	56,290	56.3	25,386
Materials and supplies	-	588	588	100.0	-	1,148	1,000	(148)	(14.8)	-
Utilities	150	-	(150)	-	-	572	-	(572)	-	-
Interfund admin fees	8,957	-	(8,957)	-	-	36,828	-	(36,828)	-	-
Other expenses	17,473	62	(17,411)	n/a	-	31,348	250	(31,098)	n/a	-
<b>Total expense</b>	<u>71,314</u>	<u>25,650</u>	<u>(45,664)</u>	(178.0)	<u>3,489</u>	<u>243,356</u>	<u>101,250</u>	<u>(142,106)</u>	(140.4)	<u>25,386</u>
<b>Net income (loss)</b>	<u>\$ 2,367</u>	<u>\$ (13,150)</u>	<u>\$ 15,517</u>	118.0	<u>\$ 28,511</u>	<u>\$ 16,579</u>	<u>\$ (51,250)</u>	<u>\$ 67,829</u>	132.3	<u>\$ 39,121</u>

<sup>1</sup> - Contributions include in-kind donations of services, supplies and materials from other BSD business units.



**Arts in Transit, Inc.**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

<u>Description</u>	<u>Total</u>	<u>Operating Fund</u>
<b>Balance at April 1, 2018</b>		
<b>Cash &amp; Investments</b>	\$ 75,907	\$ 75,907
<b>Add:</b>		
Receipts	159	159
<b>Total cash receipts</b>	<u>159</u>	<u>159</u>
Interfund transfers	-	-
<b>Less:</b>		
Cash disbursements	<u>(5,000)</u>	<u>(5,000)</u>
<b>Total cash disbursements</b>	<u>(5,000)</u>	<u>(5,000)</u>
<b>Balance at June 30, 2018</b>		
<b>Cash &amp; Investments</b>	<u><u>\$ 71,066</u></u>	<u><u>\$ 71,066</u></u>



**Art In Transit, Inc.**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
**(unaudited)**

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 251,935	<b>Noncash Activities:</b> None
Payments to employees	(129,750)	
Payments to vendors	(76,778)	
Receipts (payments) from inter-fund activity	(36,036)	
<b>Net cash provided by (used in) operating activities</b>	<u>9,371</u>	
<b>Cash flows from non capital financing activities</b>		
None	<u>-</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>-</u>	
<b>Cash flows from capital and related financing activities</b>		
None	<u>-</u>	
<b>Cash flows from capital and related financing activities</b>	<u>-</u>	
<b>Cash flows from investing activities</b>		
None	<u>-</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>-</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	9,371	
<b>Cash and cash equivalents, beginning of year</b>	<u>61,695</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 71,066</u>	





BI-STATE  
DEVELOPMENT

Self-Insurance Funds

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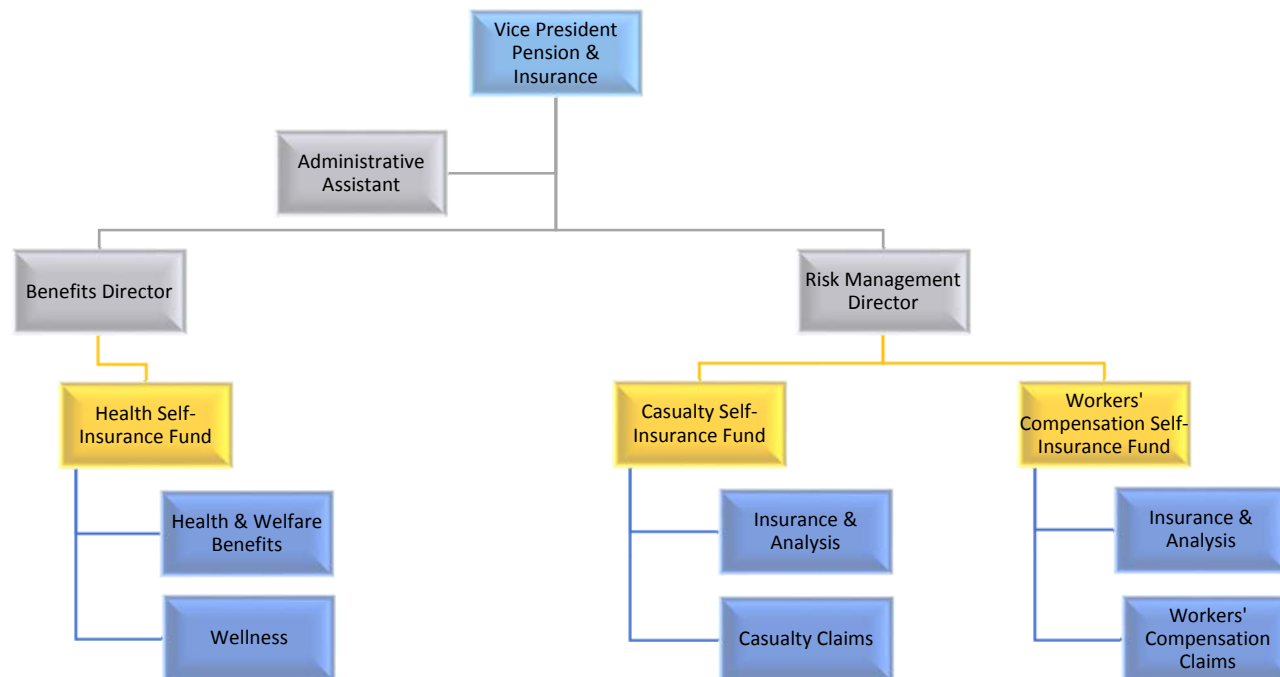
# Self-Insurance Funds

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

As directed by the BSD Board of Commissioners, in order to improve overall accountability, 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, 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, 2018  
(unaudited)**

	Health Self-Insurance Division	Casualty Self-Insurance Division	Workers Compensation Self-Insurance Division	Totals	Interfund Eliminations	Totals After Eliminations
<b>Assets</b>						
Current assets						
Cash	\$ 1,544,652	\$ 10,661,598	\$ 8,968,552	\$ 21,174,802	\$ -	\$ 21,174,802
Accounts and notes receivable	54,650	-	-	54,650	-	54,650
Interfund accounts receivable	4,038,743	-	94,310	4,133,053	(4,133,053)	-
Other current assets	-	-	12,339	12,339	-	12,339
Total current assets	<u>5,638,045</u>	<u>10,661,598</u>	<u>9,075,201</u>	<u>25,374,844</u>	<u>(4,133,053)</u>	<u>21,241,791</u>
Total assets	<u>5,638,045</u>	<u>10,661,598</u>	<u>9,075,201</u>	<u>25,374,844</u>	<u>(4,133,053)</u>	<u>21,241,791</u>
<b>Total</b>	<u>\$ 5,638,045</u>	<u>\$ 10,661,598</u>	<u>\$ 9,075,201</u>	<u>\$ 25,374,844</u>	<u>\$ (4,133,053)</u>	<u>\$ 21,241,791</u>



**Bi-State Development Agency of the  
Missouri-Illinois Metropolitan District  
Self-Insurance Divisions  
Quarterly Statement of Financial Position  
June 30, 2018  
(unaudited)**

	Health Self-Insurance Division	Casualty Self-Insurance Division	Workers Compensation Self-Insurance Division	Totals	Interfund Eliminations	Totals After Eliminations
<b>Liabilities</b>						
Current liabilities						
Accounts payable	\$ 408,017	\$ -	\$ -	\$ 408,017	\$ -	\$ 408,017
Interfund accounts payable	11,554,743	640,486	28,785	12,224,014	(4,133,053)	8,090,961
Accrued expenses	44,700	40,600	24,900	110,200	-	110,200
Total current liabilities	12,007,460	681,086	53,685	12,742,231	(4,133,053)	8,609,178
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	2,428,000	-	-	2,428,000	-	2,428,000
Total current liabilities payable from restricted assets	2,428,000	3,987,781	3,308,273	9,724,054	-	9,724,054
Total current liabilities	14,435,460	4,668,867	3,361,958	22,466,285	(4,133,053)	18,333,232
Non-current liabilities						
Other post-employment benefits	167,425	149,507	43,033	359,965	-	359,965
Long-term self-insurance	-	4,216,973	4,069,727	8,286,700	-	8,286,700
Unfunded pension liabilities	76,941	131,766	53,160	261,867	-	261,867
Total non-current liabilities	244,366	4,498,246	4,165,920	8,908,532	-	8,908,532
Total liabilities	14,679,826	9,167,113	7,527,878	31,374,817	(4,133,053)	27,241,764
<b>Net Position</b>						
Net position	(1,937,587)	1,421,161	223,448	(292,978)	-	(292,978)
Net income (loss)	(7,104,194)	73,324	1,323,875	(5,706,995)	-	(5,706,995)
Total net position	(9,041,781)	1,494,485	1,547,323	(5,999,973)	-	(5,999,973)
<b>Total</b>	<u>\$ 5,638,045</u>	<u>\$ 10,661,598</u>	<u>\$ 9,075,201</u>	<u>\$ 25,374,844</u>	<u>\$ (4,133,053)</u>	<u>\$ 21,241,791</u>



**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, 2018  
(unaudited)**

	Health Self-Insurance Division	Casualty Self-Insurance Division	Workers Compensation Self-Insurance Division	Totals	Eliminations	Totals After Eliminations
<b>Revenue</b>						
Employee medical contributions	\$ 6,604,802	\$ -	\$ -	\$ 6,604,802	\$ -	\$ 6,604,802
Employee dental contributions	505,247	-	-	505,247	-	505,247
Employee gym membership	5,136	-	-	5,136	-	5,136
Bi-State Dev medical contributions	23,801,447	-	-	23,801,447	(178,413)	23,623,034
Bi-State Dev dental contributions	627,766	-	-	627,766	(5,518)	622,248
Bi-State Dev EAP contributions	38,257	-	-	38,257	(328)	37,929
Healthy savings plan	(245,279)	-	-	(245,279)	-	(245,279)
Charges for services - Casualty	-	4,699,937	-	4,699,937	-	4,699,937
Charges for services - Workers Compensation	-	-	7,774,076	7,774,076	-	7,774,076
Interest Income	-	79,547	95,934	175,481	-	175,481
<b>Total revenue</b>	<b>31,337,376</b>	<b>4,779,484</b>	<b>7,870,010</b>	<b>43,986,870</b>	<b>(184,258)</b>	<b>43,802,612</b>
<b>Expense</b>						
Wages and benefits	842,975	552,873	364,610	1,760,458	-	1,760,458
Services	244,508	5,695	5,993	256,196	-	256,196
Materials and supplies	19,509	3,121	1,124	23,754	-	23,754
Utilities	4,964	1,244	331	6,539	-	6,539
Casualty and liability costs	-	815,301	212,610	1,027,911	-	1,027,911
Other expenses	30,917	2,515	403,433	436,865	-	436,865
Medical claims and prescriptions, less rebates	37,073,818	-	-	37,073,818	(184,258)	36,889,560
Stop loss, third party fees, Medicare Part D	224,879	-	-	224,879	-	224,879
Casualty claims paid	-	3,890,859	-	3,890,859	-	3,890,859
Workers Compensation claims paid	-	-	6,333,526	6,333,526	-	6,333,526
<b>Total expense</b>	<b>38,441,570</b>	<b>5,271,608</b>	<b>7,321,627</b>	<b>51,034,805</b>	<b>(184,258)</b>	<b>50,850,547</b>
<b>Net income (loss) before transfers</b>	<b>(7,104,194)</b>	<b>(492,124)</b>	<b>548,383</b>	<b>(7,047,935)</b>	<b>-</b>	<b>(7,047,935)</b>
Net transfers in (out)	-	565,448	775,492	1,340,940	-	1,340,940
<b>Net income (loss)</b>	<b>\$ (7,104,194)</b>	<b>\$ 73,324</b>	<b>\$ 1,323,875</b>	<b>\$ (5,706,995)</b>	<b>\$ -</b>	<b>\$ (5,706,995)</b>





BI-STATE  
DEVELOPMENT

Health Self-Insurance  
Fund

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# Health Self-Insurance Fund

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

## Fast Facts

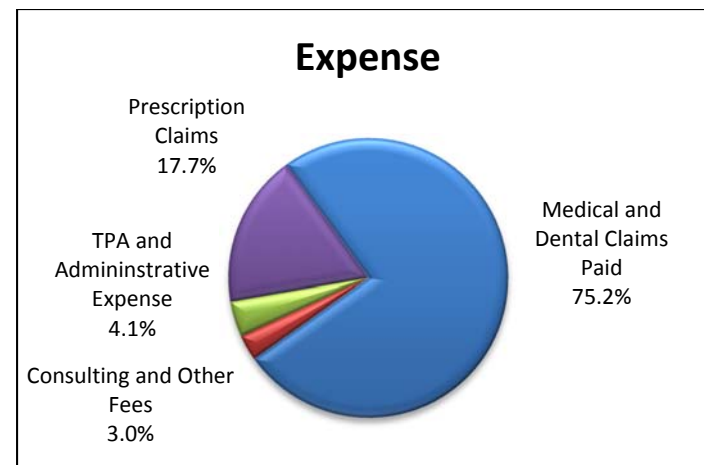
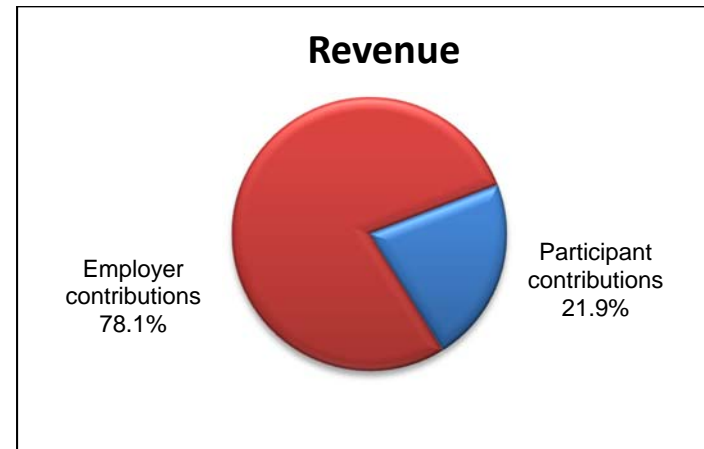
The Health Self-Insurance Fund (SIF) includes all operating revenue and expenses related to the organizations medical, prescription drug and dental employee benefit programs. Health SIF employer and employee/retiree contribution rates are set annually based on actuarial assessment of historical health claim costs, anticipated health care inflation, 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 \$31.3 million consists of \$24.5 million in employer and \$6.8 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 \$38.4 million consists of \$37.3 million or 97.1% related to direct medical and prescription benefit claims and third party claim processing fees, cost management programs, plan consulting fees and health care reform costs. Internal staff and wellness initiative costs are \$1.1million or 2.9%. Expenses are running unfavorable to budget due to a large increase in the volume of catastrophic medical claims. For fiscal year end 2018, the plan had 13

members incurring paid claims in excess of \$250,000 each. The actuarial norm would be three. All continuing claimants are in catastrophic case management programs.





**Health Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash and Cash Equivalents	\$ 1,544,652	\$ 675,795	\$ 868,857	128.6	\$ 1,537,496	\$ 7,156	0.5
Accounts and notes receivable	54,650	42,906	11,744	27.4	39,230	15,420	39.3
Interfund accounts receivable	4,038,743	3,436,710	602,033	17.5	1,515,455	2,523,288	166.5
Total current assets	5,638,045	4,155,411	1,482,634	35.7	3,092,181	2,545,864	82.3
Total assets	5,638,045	4,155,411	1,482,634	35.7	3,092,181	2,545,864	82.3
<b>Total</b>	<u>\$ 5,638,045</u>	<u>\$ 4,155,411</u>	<u>\$ 1,482,634</u>	35.7	<u>\$ 3,092,181</u>	<u>\$ 2,545,864</u>	82.3



**Health Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Accounts payable	\$ 408,017	\$ -	\$ 408,017	n/a	\$ -	\$ 408,017	n/a
Interfund accounts payable	11,554,743	8,628,852	2,925,891	33.9	2,303,083	9,251,660	401.7
Accrued expenses	44,700	44,700	-	-	44,700	-	-
Total current liabilities	12,007,460	8,673,552	3,333,908	38.4	2,347,783	9,659,677	411.4
Current liab payable from restricted assets							
Medical self-insurance liability	2,428,000	2,428,000	-	-	2,428,000	-	-
Total current liabilities payable from restricted assets	2,428,000	2,428,000	-	-	2,428,000	-	-
Total current liabilities	14,435,460	11,101,552	3,333,908	30.0	4,775,783	9,659,677	202.3
Non-current liabilities							
Other post-employment benefits	167,425	181,829	(14,404)	(7.9)	177,044	(9,619)	(5.4)
Unfunded pension liabilities	76,941	76,941	-	-	76,941	-	-
Total non-current liabilities	244,366	258,770	(14,404)	(5.6)	253,985	(9,619)	(3.8)
Total liabilities	14,679,826	11,360,322	3,319,504	29.2	5,029,768	9,650,058	191.9
<b>Net Position</b>							
Net position	(1,937,587)	(1,937,587)	-	-	(57,730)	(1,879,857)	n/a
Net income (loss)	(7,104,194)	(5,267,324)	(1,836,870)	(34.9)	(1,879,857)	(5,224,337)	(277.9)
Total net position	(9,041,781)	(7,204,911)	(1,836,870)	(25.5)	(1,937,587)	(7,104,194)	(366.7)
<b>Total</b>	<b>\$ 5,638,045</b>	<b>\$ 4,155,411</b>	<b>\$ 1,482,634</b>	<b>35.7</b>	<b>\$ 3,092,181</b>	<b>\$ 2,545,864</b>	<b>82.3</b>



**Health Self-Insurance Fund**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Employee medical contributions	\$ 1,721,753	\$ 1,709,691	\$ 12,062	0.7	\$ 1,571,188	\$ 6,604,802	\$ 6,838,764	\$ (233,962)	(3.4)	\$ 6,246,896
Employee dental contributions	128,290	129,512	(1,222)	(0.9)	122,839	505,247	518,048	(12,801)	(2.5)	495,897
Employee gym membership	1,203	1,316	(113)	(8.6)	1,596	5,136	5,266	(130)	(2.5)	6,555
Bi-State Dev medical contributions	6,192,383	6,012,792	179,591	3.0	5,674,732	23,801,447	24,051,168	(249,721)	(1.0)	22,461,938
Bi-State Dev dental contributions	160,783	150,536	10,247	6.8	152,172	627,766	602,145	25,621	4.3	608,100
Bi-State Dev EAP contributions	9,424	9,803	(379)	(3.9)	8,473	38,257	39,210	(953)	(2.4)	36,336
Healthy Savings Plan	(42,520)	(41,125)	(1,395)	(3.4)	(45,808)	(245,279)	(164,500)	(80,779)	(49.1)	(199,157)
Other revenue	-	-	-	-	18,406	-	-	-	-	-
<b>Total revenue</b>	<u>8,171,316</u>	<u>7,972,525</u>	<u>198,791</u>	<u>2.5</u>	<u>7,503,598</u>	<u>31,337,376</u>	<u>31,890,101</u>	<u>(552,725)</u>	<u>(1.7)</u>	<u>29,656,565</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	198,699	248,515	49,816	20.0	198,074	842,975	996,472	153,497	15.4	746,172
Services	159,062	119,525	(39,537)	(33.1)	200,920	244,508	438,100	193,592	44.2	684,116
Materials and supplies	3,458	12,001	8,543	71.2	7,106	19,509	43,700	24,191	55.4	17,767
Utilities	1,243	745	(498)	(66.8)	1,240	4,964	2,980	(1,984)	(66.6)	5,258
Other expenses	15,893	13,454	(2,439)	(18.1)	16,575	30,917	53,815	22,898	42.5	30,123
Medical claims paid	7,473,169	5,736,685	(1,736,484)	(30.3)	7,417,414	29,801,322	22,946,741	(6,854,581)	(29.9)	24,049,027
Contra medical	(567,704)	(747,448)	(179,744)	(24.0)	(549,284)	(1,881,121)	(2,989,790)	(1,108,669)	(37.1)	(1,770,345)
Dental claims paid	253,152	247,539	(5,613)	(2.3)	266,873	984,570	990,156	5,586	0.6	986,057
Medical TPA fees	307,798	356,162	48,364	13.6	244,944	998,710	1,424,649	425,939	29.9	553,932
Prescription (RX) claims/admin fees	1,988,995	1,731,652	(257,343)	(14.9)	1,477,080	6,805,041	6,926,609	121,568	1.8	5,574,519
Medical stop loss	109,658	99,075	(10,583)	(10.7)	92,052	365,296	396,300	31,004	7.8	341,321
Other administrative and third party fees	64,763	165,092	100,329	60.8	49,266	224,879	660,369	435,490	65.9	318,475
<b>Total expense</b>	<u>10,008,186</u>	<u>7,982,997</u>	<u>(2,025,189)</u>	<u>(25.4)</u>	<u>9,422,260</u>	<u>38,441,570</u>	<u>31,890,101</u>	<u>(6,551,469)</u>	<u>(20.5)</u>	<u>31,536,422</u>
<b>Net income (loss)</b>	<u>\$ (1,836,870)</u>	<u>\$ (10,472)</u>	<u>\$ (1,826,398)</u>	<u>n/a</u>	<u>\$ (1,918,662)</u>	<u>\$ (7,104,194)</u>	<u>\$ -</u>	<u>\$ (7,104,194)</u>	<u>-</u>	<u>\$ (1,879,857)</u>

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



**Health Self-Insurance Fund**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 151,569	\$ 163,523	\$ 11,954	7.3	\$ 150,014	\$ 630,986	\$ 654,093	\$ 23,107	3.5	\$ 568,518
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	11,139	12,510	1,371	11.0	11,070	45,934	50,038	4,104	8.2	41,344
Unemployment insurance	42	383	341	89.0	76	1,055	3,880	2,825	72.8	1,086
Worker's compensation insurance	-	489	489	100.0	-	-	1,957	1,957	100.0	-
<b>Health and welfare</b>										
Medical	21,998	26,775	4,777	17.8	17,040	80,734	107,100	26,366	24.6	57,610
Dental	589	1,560	971	62.2	545	2,636	6,240	3,604	57.8	2,334
Other post employment benefits	-	1,512	1,512	100.0	1,950	4,785	6,111	1,326	21.7	8,206
Life Insurance / AD&D	273	148	(125)	(84.5)	261	1,234	592	(642)	(108.4)	941
Short and Long Term Disability	899	728	(171)	(23.5)	868	4,038	2,910	(1,128)	(38.8)	4,010
FMLA administration expense	-	60	60	100.0	-	-	239	239	100.0	79
EAP expense	34	41	7	17.1	33	157	165	8	4.8	304
<b>Retirement</b>										
Pension expense	4,333	19,400	15,067	77.7	8,869	36,990	77,600	40,610	52.3	32,186
401 K contributions	7,823	10,136	2,313	22.8	7,178	33,660	40,547	6,887	17.0	28,927
<b>Other</b>										
Uniform allowance	-	-	-	-	-	476	-	(476)	-	-
Miscellaneous benefits	-	11,250	11,250	100.0	170	290	45,000	44,710	99.4	627
<b>Total company paid benefits</b>	<u>47,130</u>	<u>84,992</u>	<u>37,862</u>	<u>44.5</u>	<u>48,060</u>	<u>211,989</u>	<u>342,379</u>	<u>130,390</u>	<u>38.1</u>	<u>177,654</u>
<b>Total wages and benefits</b>	<u>\$ 198,699</u>	<u>\$ 248,515</u>	<u>\$ 49,816</u>	<u>20.0</u>	<u>\$ 198,074</u>	<u>\$ 842,975</u>	<u>\$ 996,472</u>	<u>\$ 153,497</u>	<u>15.4</u>	<u>\$ 746,172</u>



**Health Self-Insurance Fund**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description	Total	Medical Self-Insurance	Medical Claims	Medical RRA	Medical HRA
<b>Balance at April 1, 2018</b>					
<b>Cash &amp; investments</b>	\$ 675,795	\$ 884,656	\$ (274,660)	\$ 15,429	\$ 50,370
<b>Add:</b>					
Funding from Metro	7,023,507	7,023,507	-	-	-
Receipts from Executive Services	692,178	692,178	-	-	-
Receipts from St. Louis Downtown Airport	538,206	538,206	-	-	-
Receipts from Riverfront Attractions	171,000	171,000	-	-	-
Receipts from Casualty Self-Insurance	141,346	141,346	-	-	-
Receipts from Workers Comp Self-Insurance	409,953	409,953	-	-	-
<b>Total cash receipts</b>	8,976,190	8,976,190	-	-	-
Interfund transfers	-	-	-	-	-
Interfund transfers	-	(7,527,460)	7,119,768	68,986	338,706
<b>Less:</b>					
Disbursements to Metro	(495,945)	(495,945)	-	-	-
Cash disbursements	(7,611,389)	(253,153)	(6,928,411)	(68,986)	(360,839)
<b>Total cash disbursements</b>	(8,107,333)	(749,098)	(6,928,411)	(68,986)	(360,839)
<b>Balance at June 30, 2018</b>					
<b>Cash &amp; investments</b>	<u>\$ 1,544,652</u>	<u>\$ 1,584,289</u>	<u>\$ (83,303)</u>	<u>\$ 15,429</u>	<u>\$ 28,236</u>



**Health Self-Insurance Internal Service Fund**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
(unaudited)

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>	
Receipts from customers	\$ (15,420)	<b>Noncash Activities:</b>	No disclosures.
Payments to employees	(852,594)		
Payments to vendors	108,121		
Payments for self-insurance	(37,298,698)		
Receipts (payments) from inter-fund activity	38,065,747		
<b>Net cash provided by (used in) operating activities</b>	<u>7,156</u>		
<b>Cash flows from non capital financing activities</b>			
None noted.			
<b>Net cash provided by (used in) non capital financing activities</b>	<u>-</u>		
<b>Cash flows from capital and related financing activities</b>			
None noted.			
<b>Cash flows from capital and related financing activities</b>	<u>-</u>		
<b>Cash flows from investing activities</b>			
None noted.			
<b>Net cash provided by (used in) investing activities</b>	<u>-</u>		
<b>Net increase (decrease) in cash and cash equivalents</b>	7,156		
<b>Cash and cash equivalents, beginning of year</b>	<u>1,537,496</u>		
<b>Cash and cash equivalents, year to date</b>	<u>\$ 1,544,652</u>		





BI-STATE  
DEVELOPMENT

Casualty Self-Insurance  
Fund

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# Casualty Self-Insurance Fund

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

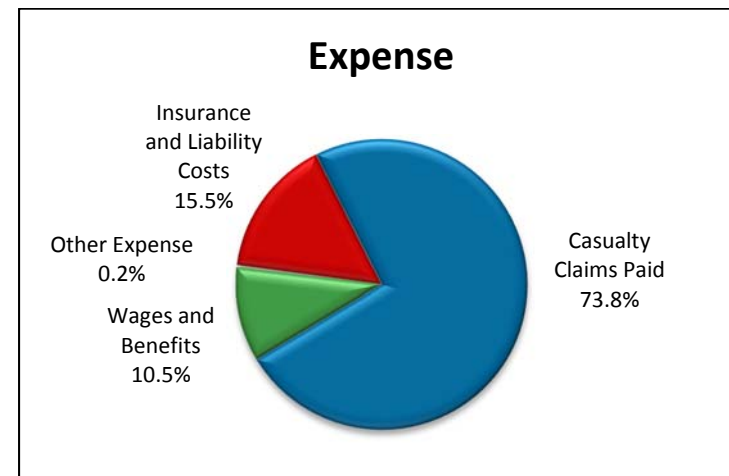
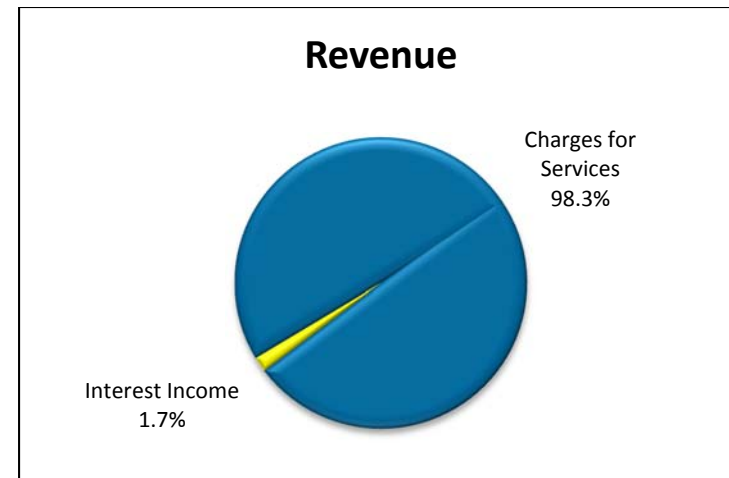
## Fast Facts

The Casualty Self-Insurance Fund (SIF) includes all operating revenue and expenses related to the organization's casualty claims which includes vehicle liability and general liability claims.

## Financial Data

**Revenue** for the Casualty SIF is generated by charging other BSD operational units based on ultimate claim costs. Charges for services through June 30, 2018 are \$4.7 million. 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. At June 30, 2018, total expenses are \$5.3 million.





**Casualty Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash and Cash Equivalents	\$ 10,661,598	\$ 10,634,856	\$ 26,742	0.3	\$ 4,059,419	\$ 6,602,179	162.6
Interfund accounts receivable	-	355,240	(355,240)	(100.0)	6,040,812	(6,040,812)	(100.0)
Other current assets	-	203,825	(203,825)	(100.0)	-	-	n/a
Total current assets	10,661,598	11,193,921	(532,323)	(4.8)	10,100,231	561,367	5.6
Total assets	10,661,598	11,193,921	(532,323)	(4.8)	10,100,231	561,367	5.6
<b>Total</b>	<u>\$ 10,661,598</u>	<u>\$ 11,193,921</u>	<u>\$ (532,323)</u>	<u>(4.8)</u>	<u>\$ 10,100,231</u>	<u>\$ 561,367</u>	<u>5.6</u>



**Casualty Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Interfund accounts payable	\$ 640,486	\$ 47,958	\$ 592,528	n/a	\$ 146,901	\$ 493,585	336.0
Accrued expenses	40,600	40,600	-	-	40,600	-	-
Total current liabilities	<u>681,086</u>	<u>88,558</u>	<u>592,528</u>	669.1	<u>187,501</u>	<u>493,585</u>	263.2
Current liab payable from restricted assets							
Short-term self-insurance	3,987,781	3,987,781	-	-	3,987,781	-	-
Total current liabilities payable from restricted assets	<u>3,987,781</u>	<u>3,987,781</u>	<u>-</u>	-	<u>3,987,781</u>	<u>-</u>	-
Total current liabilities	<u>4,668,867</u>	<u>4,076,339</u>	<u>592,528</u>	14.5	<u>4,175,282</u>	<u>493,585</u>	11.8
Non-current liabilities							
Other post-employment benefits	149,507	158,161	(8,654)	(5.5)	155,049	(5,542)	(3.6)
Long-term self-insurance	4,216,973	4,216,973	-	-	4,216,973	-	-
Unfunded pension liabilities	131,766	131,766	-	-	131,766	-	-
Total non-current liabilities	<u>4,498,246</u>	<u>4,506,900</u>	<u>(8,654)</u>	(0.2)	<u>4,503,788</u>	<u>(5,542)</u>	(0.1)
Total liabilities	<u>9,167,113</u>	<u>8,583,239</u>	<u>583,874</u>	6.8	<u>8,679,070</u>	<u>488,043</u>	5.6
<b>Net Position</b>							
Net position	1,421,161	1,421,161	-	-	(154)	1,421,315	n/a
Net income (loss)	<u>73,324</u>	<u>1,189,521</u>	<u>(1,116,197)</u>	(93.8)	<u>1,421,315</u>	<u>(1,347,991)</u>	(94.8)
Total net position	<u>1,494,485</u>	<u>2,610,682</u>	<u>(1,116,197)</u>	(42.8)	<u>1,421,161</u>	<u>73,324</u>	5.2
<b>Total</b>	<u>\$ 10,661,598</u>	<u>\$ 11,193,921</u>	<u>\$ (532,323)</u>	(4.8)	<u>\$ 10,100,231</u>	<u>\$ 561,367</u>	5.6



**Casualty Self-Insurance Fund**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Charges for Services	\$ 519,174	\$ 721,000	\$ (201,826)	(28.0)	\$ 1,464,586	\$ 4,699,937	\$ 2,884,000	\$ 1,815,937	63.0	\$ 5,356,463
Interest income	41,983	-	41,983	-	4,935	79,547	-	79,547	-	8,255
<b>Total revenue</b>	<u>561,157</u>	<u>721,000</u>	<u>(159,843)</u>	<u>(22.2)</u>	<u>1,469,521</u>	<u>4,779,484</u>	<u>2,884,000</u>	<u>1,895,484</u>	<u>65.7</u>	<u>5,364,718</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	129,605	141,837	12,232	8.6	137,626	552,873	568,838	15,965	2.8	553,129
Services	475	812	337	41.5	-	5,695	3,250	(2,445)	(75.2)	16,419
Materials and supplies	1,008	938	(70)	(7.5)	1,232	3,121	3,750	629	16.8	3,244
Utilities	533	700	167	23.9	-	1,244	2,800	1,556	55.6	-
Casualty and liability costs	203,825	221,250	17,425	7.9	217,186	815,301	885,000	69,699	7.9	871,850
Other expenses	465	2,875	2,410	83.8	1,601	2,515	11,500	8,985	78.1	3,251
Casualty claims paid	1,460,418	499,750	(960,668)	(192.2)	697,353	3,890,859	1,999,000	(1,891,859)	(94.6)	3,069,453
<b>Total expense</b>	<u>1,796,329</u>	<u>868,162</u>	<u>(928,167)</u>	<u>(106.9)</u>	<u>1,054,998</u>	<u>5,271,608</u>	<u>3,474,138</u>	<u>(1,797,470)</u>	<u>(51.7)</u>	<u>4,517,346</u>
<b>Net income (loss) before transfers</b>	<u>(1,235,172)</u>	<u>(147,162)</u>	<u>(1,088,010)</u>	<u>(739.3)</u>	<u>414,523</u>	<u>(492,124)</u>	<u>(590,138)</u>	<u>98,014</u>	<u>16.6</u>	<u>847,372</u>
<b>Net transfers in (out)</b>	<u>118,975</u>	<u>147,535</u>	<u>(28,560)</u>	<u>(19.4)</u>	<u>138,359</u>	<u>565,448</u>	<u>590,138</u>	<u>(24,690)</u>	<u>(4.2)</u>	<u>573,943</u>
<b>Net income (loss)</b>	<u>\$ (1,116,197)</u>	<u>\$ 373</u>	<u>\$ (1,116,570)</u>	<u>n/a</u>	<u>\$ 552,882</u>	<u>\$ 73,324</u>	<u>\$ -</u>	<u>\$ 73,324</u>	<u>-</u>	<u>\$ 1,421,315</u>

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



**Casualty Self-Insurance Fund**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 92,499	\$ 101,393	\$ 8,894	8.8	\$ 101,221	\$ 393,593	\$ 405,571	\$ 11,978	3.0	\$ 419,291
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	6,735	7,757	1,022	13.2	7,257	28,173	31,026	2,853	9.2	27,032
Unemployment insurance	18	348	330	94.8	69	677	2,880	2,203	76.5	944
Worker's compensation insurance	-	304	304	100.0	-	-	1,217	1,217	100.0	-
<b>Health and welfare</b>										
Medical	13,371	12,300	(1,071)	(8.7)	10,968	53,235	49,200	(4,035)	(8.2)	40,954
Dental	382	390	8	2.1	354	1,741	1,560	(181)	(11.6)	1,427
Other post employment benefits	-	-	-	-	1,345	3,113	-	(3,113)	-	5,830
Life Insurance / AD&D	161	94	(67)	(71.3)	163	750	375	(375)	(100.0)	571
Short and Long Term Disability	538	461	(77)	(16.7)	502	2,379	1,845	(534)	(28.9)	2,205
FMLA administration expense	-	38	38	100.0	-	-	152	152	100.0	53
EAP expense	21	26	5	19.2	22	101	105	4	3.8	89
<b>Retirement</b>										
Pension expense	13,114	12,300	(814)	(6.6)	12,902	56,250	49,200	(7,050)	(14.3)	44,770
401 K contributions	2,766	6,426	3,660	57.0	2,823	12,861	25,707	12,846	50.0	9,963
<b>Total company paid benefits</b>	<u>37,106</u>	<u>40,444</u>	<u>3,338</u>	8.3	<u>36,405</u>	<u>159,280</u>	<u>163,267</u>	<u>3,987</u>	2.4	<u>133,838</u>
<b>Total wages and benefits</b>	<u>\$ 129,605</u>	<u>\$ 141,837</u>	<u>\$ 12,232</u>	8.6	<u>\$ 137,626</u>	<u>\$ 552,873</u>	<u>\$ 568,838</u>	<u>\$ 15,965</u>	2.8	<u>\$ 553,129</u>



**Casualty Self-Insurance Fund**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description	Total	Operating Cash	Cash Equivalent
<b>Balance at April 1, 2018</b>			
<b>Cash &amp; investments</b>	\$ 10,634,856	\$ 1,704	\$ 10,633,152
<b>Add:</b>			
Collections	55,059	55,059	-
Receipts from Metro	471,746	471,746	-
Receipts from Health Internal Insurance Fund	-	-	-
Receipts from Worker's Comp Internal Insurance Fund	-	-	-
Interest received	41,983	41,983	-
<b>Total cash receipts</b>	568,788	568,788	-
Interfund transfers	-	(28,446)	28,446
<b>Less:</b>			
Disbursements to Health Self-Insurance	(542,046)	(542,046)	-
<b>Total cash disbursements</b>	(542,046)	(542,046)	-
<b>Balance at June 30, 2018</b>			
<b>Cash &amp; investments</b>	<u>\$ 10,661,598</u>	<u>\$ (0)</u>	<u>\$ 10,661,598</u>



**Health Self-Insurance Internal Service Fund**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
(unaudited)

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>	
Receipts from customers	\$ 4,699,937	<b>Noncash Activities:</b>	No disclosures.
Payments to employees	(558,415)		
Payments to vendors	(12,575)		
Payments for self-insurance	(4,706,160)		
Receipts (payments) from inter-fund activity	6,534,397		
<b>Net cash provided by (used in) operating activities</b>	<u>5,957,184</u>		
<b>Cash flows from non capital financing activities</b>			
None noted.			
<b>Net cash provided by (used in) non capital financing activities</b>	<u>565,448</u>		
<b>Cash flows from capital and related financing activities</b>			
None noted.			
<b>Cash flows from capital and related financing activities</b>	<u>-</u>		
<b>Cash flows from investing activities</b>			
None noted.			
<b>Net cash provided by (used in) investing activities</b>	<u>79,547</u>		
<b>Net increase (decrease) in cash and cash equivalents</b>	6,602,179		
<b>Cash and cash equivalents, beginning of year</b>	<u>4,059,419</u>		
<b>Cash and cash equivalents, year to date</b>	<u>\$ 10,661,598</u>		



WORKER'S COMPENSATION SELF-INSURANCE FUND



BI-STATE  
DEVELOPMENT



BI-STATE  
DEVELOPMENT

Worker's Compensation  
Self-insurance Fund

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# Worker's Compensation Self-Insurance Fund

For the Twelve Months Ended June 30, 2018

(Preliminary, subject to audit)

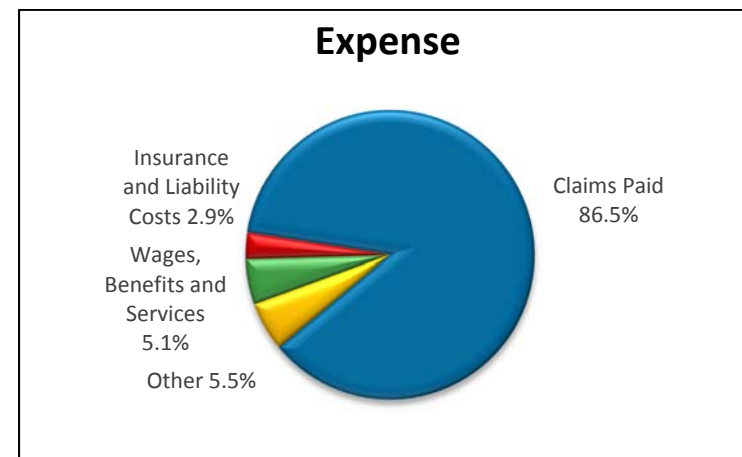
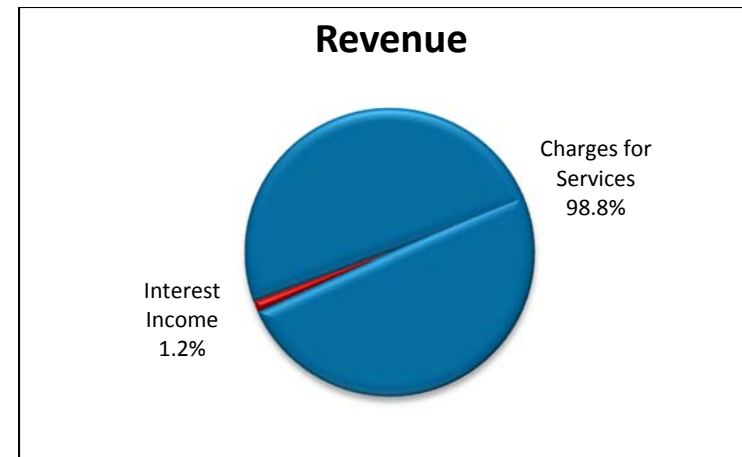
## Fast Facts

The Workers' Compensation Self-Insurance Fund (SIF) includes all operating revenue and expenses related to the organization's workers' compensation claims.

## Financial Data

**Revenue** for the workers' compensation SIF is generated by charging other BSD operational units based on ultimate claim costs. Total charges for services through June 30, 2018 are \$7.8 million. 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. Total expenses at June 30, 2018 are \$7.3 million.





**Workers Compensation Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Assets</b>							
Current assets							
Cash and Cash Equivalents	\$ 8,968,552	\$ 8,872,199	\$ 96,353	1.1	\$ 7,111,423	\$ 1,857,129	26.1
Accounts and notes receivable	-	-	-	n/a	131	(131)	(100.0)
Interfund accounts receivable	94,310	481,103	(386,793)	(80.4)	640,133	(545,823)	(85.3)
Other current assets	12,339	53,153	(40,814)	(76.8)	-	12,339	n/a
Total current assets	9,075,201	9,406,455	(331,254)	(3.5)	7,751,687	1,323,514	17.1
Total assets	9,075,201	9,406,455	(331,254)	(3.5)	7,751,687	1,323,514	17.1
<b>Total</b>	<u>\$ 9,075,201</u>	<u>\$ 9,406,455</u>	<u>\$ (331,254)</u>	<u>(3.5)</u>	<u>\$ 7,751,687</u>	<u>\$ 1,323,514</u>	<u>17.1</u>



**Workers Compensation Self-Insurance Fund**  
**Quarterly Statement of Financial Position**  
**June 30, 2018**  
(unaudited)

	Current				Prior Year		
	Current Period	Prior Period	Dollar Change	Percent Change	Prior Year	Dollar Change	Percent Change
<b>Liabilities</b>							
Current liabilities							
Interfund accounts payable	\$ 28,785	\$ 30,648	\$ (1,863)	(6.1)	\$ 27,923	\$ 862	3.1
Accrued expenses	24,900	24,900	-	-	24,900	-	-
Total current liabilities	53,685	55,548	(1,863)	(3.4)	52,823	862	1.6
Current liab payable from restricted assets							
Short-term self-insurance	3,308,273	3,308,273	-	-	3,308,273	-	-
Total current liabilities payable from restricted assets	3,308,273	3,308,273	-	-	3,308,273	-	-
Total current liabilities	3,361,958	3,363,821	(1,863)	(0.1)	3,361,096	862	-
Non-current liabilities							
Other post-employment benefits	43,033	45,908	(2,875)	(6.3)	44,255	(1,222)	(2.8)
Long-term self-insurance	4,069,727	4,069,727	-	-	4,069,727	-	-
Unfunded pension liabilities	53,160	53,160	-	-	53,160	-	-
Total non-current liabilities	4,165,920	4,168,795	(2,875)	(0.1)	4,167,142	(1,222)	-
Total liabilities	7,527,878	7,532,616	(4,738)	(0.1)	7,528,238	(360)	-
<b>Net Position</b>							
Net position	223,448	223,448	-	-	-	223,448	n/a
Net income (loss)	1,323,875	1,650,391	(326,516)	(19.8)	223,449	1,100,426	492.5
Total net position	1,547,323	1,873,839	(326,516)	(17.4)	223,449	1,323,874	592.5
<b>Total</b>	<b>\$ 9,075,201</b>	<b>\$ 9,406,455</b>	<b>\$ (331,254)</b>	<b>(3.5)</b>	<b>\$ 7,751,687</b>	<b>\$ 1,323,514</b>	<b>17.1</b>



**Workers Compensation Self-Insurance Fund**  
**Statement of Activities**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Revenue</b>										
Charges for Services	\$ 1,193,838	\$ 996,560	\$ 197,278	19.8	\$ 2,129,742	\$ 7,774,076	\$ 3,986,239	\$ 3,787,837	95.0	\$ 5,940,329
Interest income	35,348	-	35,348	-	5,246	95,934	-	95,934	-	9,335
<b>Total revenue</b>	<u>1,229,186</u>	<u>996,560</u>	<u>232,626</u>	<u>23.3</u>	<u>2,134,988</u>	<u>7,870,010</u>	<u>3,986,239</u>	<u>3,883,771</u>	<u>97.4</u>	<u>5,949,664</u>
<b>Expense</b>										
Wages and benefits <sup>1</sup>	(50,287)	135,191	185,478	137.2	81,280	364,610	541,476	176,866	32.7	333,842
Services	475	812	337	41.5	175	5,993	3,250	(2,743)	(84.4)	9,344
Materials and supplies	20	625	605	96.8	1,007	1,124	2,500	1,376	55.0	1,183
Utilities	144	150	6	4.0	-	331	600	269	44.8	-
Casualty and liability costs	(57,534)	56,250	113,784	202.3	179,237	212,610	225,000	12,390	5.5	614,746
Other expenses	372,726	101,300	(271,426)	(267.9)	18,339	403,433	405,200	1,767	0.4	62,275
Workers Compensation claims paid	1,614,172	996,560	(617,612)	(62.0)	1,730,794	6,333,526	3,986,239	(2,347,287)	(58.9)	5,067,059
<b>Total expense</b>	<u>1,879,716</u>	<u>1,290,888</u>	<u>(588,828)</u>	<u>(45.6)</u>	<u>2,010,832</u>	<u>7,321,627</u>	<u>5,164,265</u>	<u>(2,157,362)</u>	<u>(41.8)</u>	<u>6,088,449</u>
<b>Net income (loss) before transfers</b>	<u>(650,530)</u>	<u>(294,328)</u>	<u>(356,202)</u>	<u>(121.0)</u>	<u>124,156</u>	<u>548,383</u>	<u>(1,178,026)</u>	<u>1,726,409</u>	<u>146.6</u>	<u>(138,785)</u>
<b>Net transfers in (out)</b>	<u>324,014</u>	<u>294,506</u>	<u>29,508</u>	<u>10.0</u>	<u>99,401</u>	<u>775,492</u>	<u>1,178,026</u>	<u>(402,534)</u>	<u>(34.2)</u>	<u>362,234</u>
<b>Net income (loss)</b>	<u>\$ (326,516)</u>	<u>\$ 178</u>	<u>\$ (326,694)</u>	<u>n/a</u>	<u>\$ 223,557</u>	<u>\$ 1,323,875</u>	<u>\$ -</u>	<u>\$ 1,323,875</u>	<u>-</u>	<u>\$ 223,449</u>

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



**Workers Compensation Self-Insurance Fund**  
**Detailed Schedule of Wages and Benefits**  
**For the Quarter Ended June 30, 2018**  
(unaudited)

	Current					Year to Date				
	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year	Actual	Budget	\$ Favorable (Unfavorable)	% Fav (Unfav)	Prior Year
<b>Personnel expense</b>										
Wages	\$ 81,366	\$ 54,153	\$ (27,213)	(50.3)	\$ 57,568	\$ 261,494	\$ 216,612	\$ (44,882)	(20.7)	\$ 241,638
<b>Company paid benefits</b>										
<b>Payroll related taxes and insurance</b>										
FICA	5,727	4,143	(1,584)	(38.2)	4,096	18,365	16,571	(1,794)	(10.8)	15,015
Unemployment insurance	62	117	55	47.0	23	455	1,180	725	61.4	377
Worker's compensation insurance	(159,457)	61,412	220,869	359.7	-	-	245,650	245,650	100.0	-
<b>Health and welfare</b>										
Medical	12,314	5,900	(6,414)	(108.7)	10,456	44,443	23,600	(20,843)	(88.3)	41,015
Dental	259	187	(72)	(38.5)	262	1,141	748	(393)	(52.5)	1,117
Other post employment benefits	-	-	-	-	771	1,653	-	(1,653)	-	3,327
Life Insurance / AD&D	150	45	(105)	(233.3)	99	517	180	(337)	(187.2)	359
Short and Long Term Disability	488	221	(267)	(120.8)	342	1,685	885	(800)	(90.4)	1,594
FMLA administration expense	-	17	17	100.0	-	-	69	69	100.0	32
EAP expense	20	13	(7)	(53.8)	13	70	50	(20)	(40.0)	56
<b>Retirement</b>										
Pension expense	4,918	5,900	982	16.6	4,839	21,204	23,600	2,396	10.2	18,062
401 K contributions	3,866	3,083	(783)	(25.4)	2,811	13,583	12,331	(1,252)	(10.2)	11,250
<b>Total company paid benefits</b>	<u>(131,653)</u>	<u>81,038</u>	<u>212,691</u>	<u>262.5</u>	<u>23,712</u>	<u>103,116</u>	<u>324,864</u>	<u>221,748</u>	<u>68.3</u>	<u>92,204</u>
<b>Total wages and benefits</b>	<u>\$ (50,287)</u>	<u>\$ 135,191</u>	<u>\$ 185,478</u>	<u>137.2</u>	<u>\$ 81,280</u>	<u>\$ 364,610</u>	<u>\$ 541,476</u>	<u>\$ 176,866</u>	<u>32.7</u>	<u>\$ 333,842</u>



**Workers Compensation Self-Insurance Fund**  
**Cash Receipts and Disbursements Schedule**  
**For the Quarter Ended June 30, 2018**  
**(unaudited)**

Description	Total	Operating Cash	Cash Equivalent
<b>Balance at April 1, 2018</b>			
<b>Cash &amp; investments</b>	\$ 8,872,199	\$ 0	\$ 8,872,199
<b>Add:</b>			
Collections	27,742	27,742	-
Receipts from Metro	481,103	481,103	-
Receipts from Casualty Self-Insurance	-	-	-
Interest received	35,348	35,348	-
<b>Total cash receipts</b>	544,193	544,193	-
Interfund transfers	-	(96,353)	96,353
<b>Less:</b>			
Disbursements to Metro	(358,036)	(358,036)	-
Disbursements to Gateway Arch	-	-	-
Disbursements to from St. Louis Downtown Airport	-	-	-
Disbursements to Health Self-Insurance	(89,804)	(89,804)	-
Disbursements to Casualty Self-Insurance	-	-	-
<b>Total cash disbursements</b>	(447,840)	(447,840)	-
<b>Balance at June 30, 2018</b>			
<b>Cash &amp; investments</b>	<u>\$ 8,968,552</u>	<u>\$ 0</u>	<u>\$ 8,968,552</u>



**Worker's Compensation Self-Insurance Fund**  
**Statement of Cash Flows**  
**For the Twelve Months Ended June 30, 2018**  
(unaudited)

<b>Cash flows from operating activities</b>		<b>Supplemental disclosure of cash flow information</b>
Receipts from customers	\$ 7,774,207	<b>Noncash Activities:</b> None
Payments to employees	(365,832)	
Payments to vendors	(423,222)	
Payments for self-insurance	(6,546,136)	
Receipts (payments) from inter-fund activity	546,686	
<b>Net cash provided by (used in) operating activities</b>	<u>985,703</u>	
<b>Cash flows from non capital financing activities</b>		
Net transfers	<u>775,492</u>	
<b>Net cash provided by (used in) non capital financing activities</b>	<u>775,492</u>	
<b>Cash flows from capital and related financing activities</b>		
None		
<b>Cash flows from investing activities</b>		
Interest received	<u>95,934</u>	
<b>Net cash provided by (used in) investing activities</b>	<u>95,934</u>	
<b>Net increase (decrease) in cash and cash equivalents</b>	1,857,129	
<b>Cash and cash equivalents, beginning of year</b>	<u>7,111,423</u>	
<b>Cash and cash equivalents, year to date</b>	<u>\$ 8,968,552</u>	





## STAFFING



BI-STATE  
DEVELOPMENT



Staffing Level Report. . . . . 106





**BI-STATE DEVELOPMENT  
STAFFING LEVEL REPORT  
June 2018**

	EMPLOYEES AT END OF MONTH				BUDGETED POSITIONS	VARIANCE	PERCENT VARIANCE
	PRIOR MONTH	ADDED	DELETED	CURRENT MONTH			
A.T.U. Maintenance & Operations:							
Light Rail Vehicle Operators	103	1	(2)	102	102	0	0.0%
PT Bus Operators	55	0	(40)	15	85	(70)	-82.4%
Bus Operators	851	54	(11)	894	828	66	8.0%
Van Operators	206	11	(11)	206	200	6	3.0%
Vehicle Maintenance	278	4	(1)	281	283	(2)	-0.7%
MetroBus Support Services and Facility Maintenance	23	0	(1)	22	25	(3)	-12.0%
Right of Way Maintenance	50	0	(1)	49	53	(4)	-7.5%
Revenue Operations & Maintenance	13	0	0	13	15	(2)	-13.3%
Materials Management	24	0	(2)	22	27	(5)	-18.5%
<b>SUBTOTAL A.T.U. Maintenance &amp; Operations</b>	<b>1,603</b>	<b>70</b>	<b>(69)</b>	<b>1,604</b>	<b>1,618</b>	<b>(14)</b>	<b>-0.9%</b>
Other:							
A.T.U. Clerical Unit	46	0	0	46	52	(6)	-11.5%
I.B.E.W.	61	0	(1)	60	66	(6)	-9.1%
Salaried	503	14	(22)	495	540	(45)	-8.3%
<b>SUBTOTAL Other</b>	<b>610</b>	<b>14</b>	<b>(23)</b>	<b>601</b>	<b>658</b>	<b>(57)</b>	<b>-8.7%</b>
<b>TOTAL</b>	<b>2,213</b>	<b>84</b>	<b>(92)</b>	<b>2,205</b>	<b>2,276</b>	<b>(71)</b>	<b>-3.1%</b>
<b>ARCH</b>							
Salaried:	16	0	0	16	17	(1)	-5.9%
Hourly:*	111	19	(13)	117	84	33	39.3%
<b>TOTAL ARCH</b>	<b>127</b>	<b>19</b>	<b>(13)</b>	<b>133</b>	<b>101</b>	<b>32</b>	<b>31.7%</b>
<b>AIRPORT</b>	<b>10</b>	<b>0</b>	<b>(1)</b>	<b>9</b>	<b>12</b>	<b>(3)</b>	<b>-25.0%</b>
<b>RIVERBOAT CRUISES</b>							
Salaried:	11	3	0	14	11	3	27.3%
Hourly:*	58	12	(3)	67	49	18	36.7%
<b>TOTAL RIVERBOAT CRUISES</b>	<b>69</b>	<b>15</b>	<b>(3)</b>	<b>81</b>	<b>60</b>	<b>21</b>	<b>35.0%</b>
<b>EXECUTIVE OFFICE</b>	<b>32</b>	<b>0</b>	<b>(1)</b>	<b>31</b>	<b>36</b>	<b>(5)</b>	<b>-13.9%</b>
<b>GRAND TOTAL</b>	<b>2,451</b>	<b>118</b>	<b>(110)</b>	<b>2,459</b>	<b>2,485</b>	<b>(26)</b>	<b>-1.0%</b>

Does not include Security Officers, Interns or Temporary Employees

\*Includes PT and Seasonal - Actual depends on availability; Budget based on average hours

7/20/18 dd



# 2018 PERFORMANCE INDICATORS

**Fourth Quarter**

Ending June 30, 2018



**BI•STATE  
DEVELOPMENT**

Bi-State Development of the Missouri-Illinois  
Metropolitan District



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## EXECUTIVE SUMMARY

### METRO

#### **SERVICE CHANGES AND FARE INCREASES**

Metro's quarterly service update went into effect in June with minor adjustments to 19 MetroBus routes compared to 9 MetroBus route changes in March. Metro regularly monitors and reviews feedback from riders and bus operators and uses the feedback and other trip data to make updates to MetroBus routes and schedules each quarter. There were no fare increases in FY 2018. The last fare increase was in FY 2015.

#### **REVENUES AND EXPENSES**

For FY 2018, passenger revenue was \$41.8 million. This was 8.2% less than budget and 6.4% less than prior year. These results are due to lower ridership throughout FY 2018. Operating expenses were 9.4% greater than prior year. This is primarily due to higher wages and benefits, materials and supplies, and casualty and liability costs.

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

Passenger boardings for FY 2018 are 7.9% lower than the prior year. Boardings decreased 7.4% for MetroBus and 9.0% for MetroLink. Call-A-Ride boardings increased slightly by 0.5%. 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. For the system, passenger injuries per 100,000 boardings were down 43.1% and customer complaints per 100,000 boardings were up 8.5% from the prior year.

#### **BUSINESS MEASURES**

The system average fare for FY 2018 was \$1.07 compared to \$1.06 for the prior year and a budget of \$1.08. Farebox recovery is lower than the prior year due to the combination of lower passenger revenue and greater operating expense. Operating expense per passenger boarding increased 18.8% to \$7.36. The increase in cost per boarding over prior year is due to lower ridership and increased expenses.

#### **OPERATING MEASURES**

For the year ending FY 2018, vehicle accidents per 100,000 vehicle miles is 1.15. This is down 23.6% from the prior year. Unscheduled absenteeism is 3.1%. This is a slight decrease from the prior year of 3.4%. Passenger boardings per revenue mile and revenue hour are below prior year due to lower ridership.





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

### **GATEWAY ARCH**

The Arch ended the year with income before depreciation of \$1.1 million compared to the budget of \$1.5 million. This is the result of lower than expected ticket revenue due to the construction on the Arch grounds and disbursement requests by the National Park Service for the Arch visitor center lobby rehabilitation. Wages and benefits, casualty and property insurance, and utilities ended the year favorable to budget. Wages and benefits are favorable because of unfilled positions.

### **RIVERFRONT ATTRACTIONS**

Riverboat passengers exceeded prior year by approximately 14 thousand passengers or 13.1%. There were 110 more cruises and 24 more days of operation in FY 2018. Income before depreciation ended the year at \$446.7 thousand compared to prior year income of \$343.8 thousand. This was primarily due to increased passengers, cruises, days of operation, as well as, lower than expected expenses related to employee benefit costs and casualty and liability costs.

### **ST. LOUIS DOWNTOWN AIRPORT**

Airport income before depreciation ended the year at \$107.9 thousand compared to a budget of \$23.2 thousand. The Airport decreased the average number of aircraft based at the Airport by 6 in FY 2018 for a total average aircraft of 313. Compared to prior year, aircraft movements were down by approximately 12.5 thousand, but fuel sales were up by approximately 58 thousand gallons or 3.5%.

### **ST. LOUIS REGIONAL FREIGHTWAY**

St Louis Regional Freightway ended the year with a loss before depreciation of \$752.8 thousand. Compared to budget, revenues were down \$71.3 thousand or 31%.

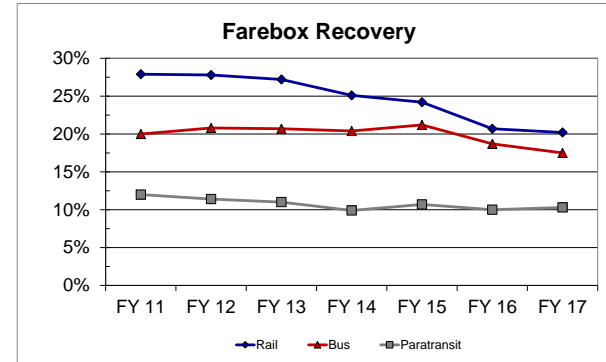
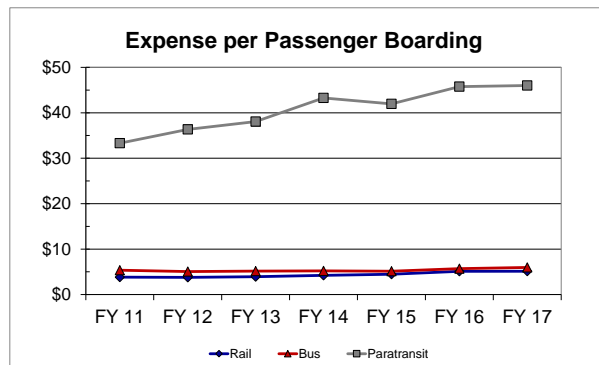
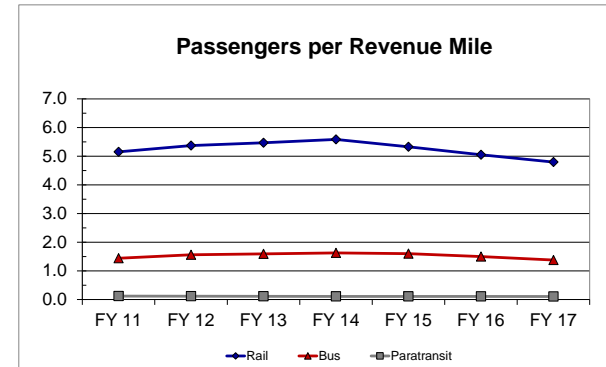
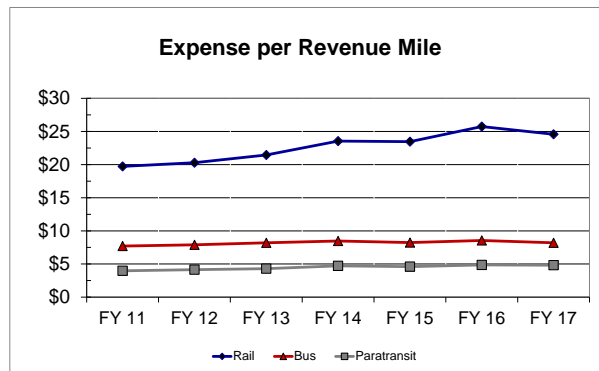
### **EXECUTIVE SERVICES**

Executive Services ended the year with income before depreciation of \$322.9 thousand compared to the budget of \$391.9 thousand. Revenues were down primarily as a result of lower management fees received from Metro Transit and the Gateway Arch.





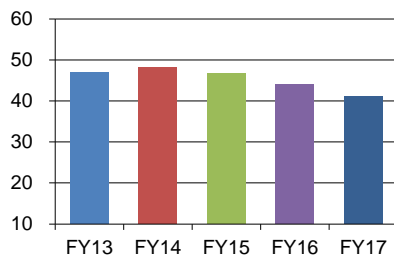
## ANNUAL TRANSIT PERFORMANCE



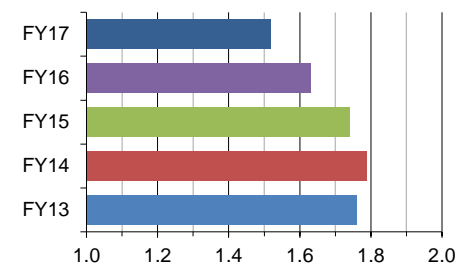


## Metro System Profile

Annual Ridership (in millions)



Annual Passengers per Revenue Mile



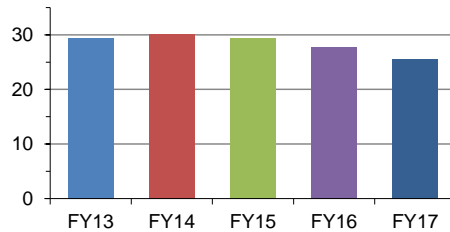
### Fiscal Year Ended June 30

Goal	FY 2018	FY 2017	Change		FY 2016	FY 2015	FY 2014
<b>Customer Measures</b>							
128,070	119,308	128,768	-7.3%	Average Weekday Ridership	137,879	146,682	151,630
40,773,426	37,771,423	40,998,779	-7.9%	Passenger Boardings	44,046,960	46,653,939	48,170,065
1.2	0.6	1.1	-43.1%	Passenger Injuries per 100,000 Boardings	1.6	1.4	1.3
10.0	15.2	14.0	8.5%	Customer Complaints per 100,000 Boardings	14.1	11.9	10.6
<b>Business Measures</b>							
\$1.08	\$1.07	\$1.06	1.3%	Average Fare (Includes Fixed & Special)	\$1.08	\$1.10	\$1.07
14.6%	14.6%	17.1%	-14.7%	Farebox Recovery	18.0%	20.6%	20.2%
\$177.31	\$152.44	\$139.83	9.0%	Operating Expense per Revenue Hour	\$145.36	\$138.46	\$141.51
\$7.68	\$7.36	\$6.19	18.8%	Operating Expense per Passenger Boarding	\$6.00	\$5.35	\$5.31
\$6.31	\$5.98	\$4.88	22.7%	Subsidy per Passenger Boarding	\$4.72	\$4.02	\$4.03
<b>Operating Measures</b>							
1.83	1.15	1.51	-23.6%	Vehicle Accidents per 100,000 Vehicle Miles	1.51	1.61	1.56
3.1%	3.1%	3.4%	-8.8%	Unscheduled Absenteeism	3.6%	3.5%	3.2%
1.51	1.40	1.52	-8.0%	Passenger Boardings per Revenue Mile	1.63	1.74	1.79
23.09	20.72	22.57	-8.2%	Passenger Boardings per Revenue Hour	24.22	25.90	26.66

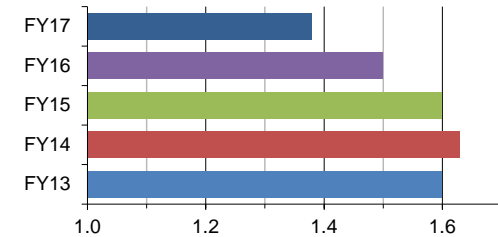


## MetroBus Profile

Annual Ridership (in millions)



Annual Passengers per Revenue Mile



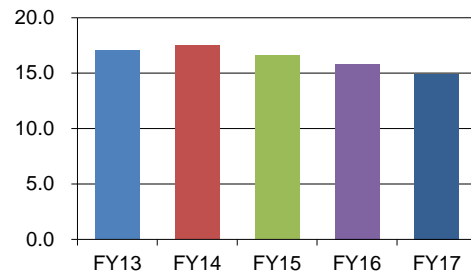
### Fiscal Year Ended June 30

Goal	FY 2018	FY 2017	Change		FY 2016	FY 2015	FY 2014
<b>Customer Measures</b>							
80,808	74,865	80,731	-7.3%	Average Weekday Ridership	87,213	93,284	95,577
25,574,169	23,667,541	25,549,794	-7.4%	Passenger Boardings	27,701,279	29,439,358	30,123,181
1.5	0.8	1.4	-42.5%	Passenger Injuries per 100,000 Boardings	2.1	1.9	1.7
15.0	13.3	12.3	7.7%	Customer Complaints per 100,000 Boardings	12.2	13.2	11.4
<b>Business Measures</b>							
\$1.07	\$1.05	\$1.04	1.2%	Average Fare (Fixed and Special)	\$1.06	\$1.09	\$1.06
15.5%	14.6%	17.5%	-16.5%	Farebox Recovery	18.7%	21.2%	20.4%
\$131.35	\$121.88	\$109.52	11.3%	Operating Expense per Revenue Hour	\$114.23	\$111.10	\$115.13
\$6.90	\$7.21	\$5.96	21.0%	Operating Expense per Passenger Boarding	\$5.70	\$5.14	\$5.21
<b>Operating Measures</b>							
2.25	1.53	2.14	-28.4%	Vehicle Accidents per 100,000 Vehicle Miles	2.14	2.24	2.23
91.0%	92.9%	92.2%	0.8%	On-Time Performance	92.0%	92.0%	91.5%
1.38	1.27	1.38	-7.8%	Passenger Boardings per Revenue Mile	1.50	1.60	1.63
19.05	16.90	18.37	-8.0%	Passenger Boardings per Revenue Hour	20.04	21.59	22.11
99.9%	99.8%	99.8%	0.0%	Percent of Trips Completed	99.8%	99.8%	99.8%
22,000	20,485	19,842	3.2%	Revenue Miles Between Roadcalls	20,568	18,214	19,967

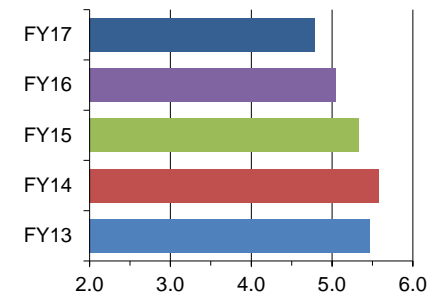


## MetroLink Profile

Annual Ridership (in millions)



Annual Passengers per Revenue Mile



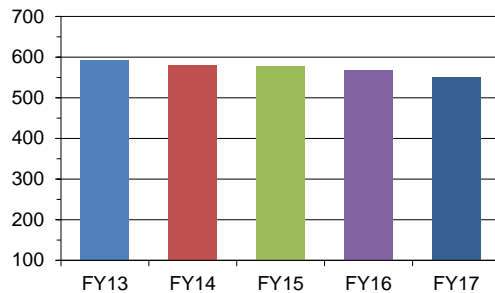
## Fiscal Year Ended June 30

Goal	FY 2018	FY 2017	Change		FY 2016	FY 2015	FY 2014
<b><u>Customer Measures</u></b>							
45,420	42,568	46,180	-7.8%	Average Weekday Ridership	48,752	51,442	54,077
14,653,044	13,550,443	14,898,291	-9.0%	Passenger Boardings	15,777,584	16,637,447	17,466,322
0.5	0.1	0.2	-54.5%	Passenger Injuries per 100,000 Boardings	0.4	0.5	0.5
1.8	2.0	1.6	25.0%	Customer Complaints per 100,000 Boardings	2.3	1.5	1.4
<b><u>Business Measures</u></b>							
\$1.07	\$1.05	\$1.04	1.2%	Average Fare (Fixed and Special)	\$1.06	\$1.09	\$1.06
14.2%	17.8%	20.2%	-11.9%	Farebox Recovery	20.7%	24.5%	25.1%
\$821.54	\$604.57	\$576.47	4.9%	Operating Expense per Revenue Hour	\$605.75	\$554.51	\$554.05
\$7.47	\$5.91	\$5.12	15.3%	Operating Expense per Passenger Boarding	\$5.10	\$4.41	\$4.22
<b><u>Operating Measures</u></b>							
0.10	0.05	0.05	0.1%	Vehicle Accidents per 100,000 Vehicle Miles	0.05	0.08	0.06
98.0%	98.1%	97.6%	0.5%	On-Time Performance	97.0%	97.3%	97.0%
4.68	4.36	4.79	-9.0%	Passenger Boardings per Revenue Mile	5.05	5.33	5.58
109.95	102.36	112.49	-9.0%	Passenger Boardings per Revenue Hour	118.81	125.71	131.40
30,000	29,158	28,907	0.9%	Vehicle Miles between Failures	32,723	36,535	27,196

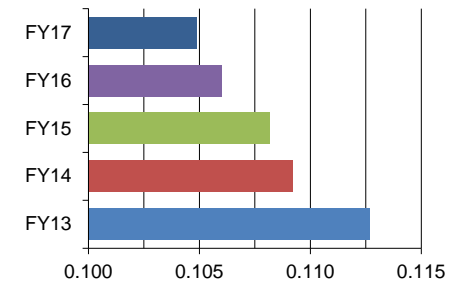


## Call-A-Ride Profile

Annual Ridership (in thousands)



Annual Passengers per Revenue Mile

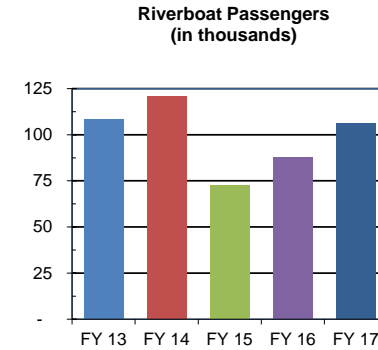
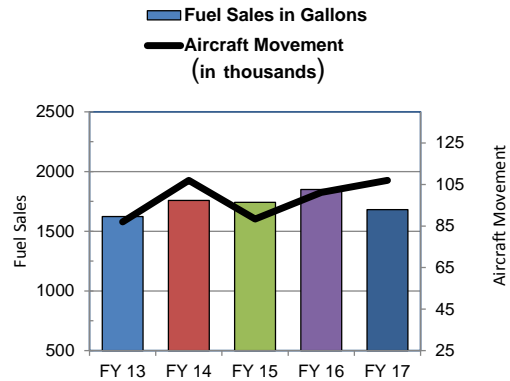
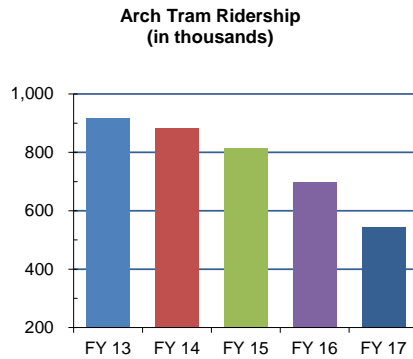


## Fiscal Year Ended June 30

Goal	FY 2018	FY 2017	Change		FY 2016	FY 2015	FY 2014
<b>Customer Measures</b>							
1,842	1,875	1,857	1.0%	Average Weekday Ridership	1,914	1,957	1,976
546,213	553,439	550,694	0.5%	Passenger Boardings	568,097	577,134	580,562
6.0	3.6	6.9	-47.6%	Passenger Injuries per 100,000 Boardings	9.7	5.0	6.7
15.0	44.8	30.5	46.9%	Customer Complaints per 100,000 Boardings	29.7	22.5	18.1
<b>Business Measures</b>							
\$2.23	\$2.56	\$2.52	1.4%	Average Fare	\$2.27	\$2.12	\$1.96
9.7%	9.8%	10.3%	-4.8%	Farebox Recovery (excludes contractual)	10.0%	10.7%	9.9%
20.3%	17.3%	18.3%	-5.4%	Revenue Recovery (includes contractual)	17.9%	22.5%	22.7%
\$94.12	\$93.72	\$86.39	8.5%	Operating Expense per Revenue Hour	\$85.68	\$80.28	\$80.82
\$50.01	\$49.16	\$46.01	6.9%	Operating Expense per Passenger Boarding	\$45.75	\$42.49	\$43.37
<b>Operating Measures</b>							
1.25	0.93	0.75	24.7%	Vehicle Accidents per 100,000 Vehicle Miles	0.79	0.99	0.76
95.0%	91.3%	92.0%	-0.8%	On-Time Performance	92.3%	94.3%	93.3%
0.10	0.11	0.10	1.3%	Passenger Boardings per Revenue Mile	0.11	0.11	0.11
1.88	1.91	1.88	1.6%	Passenger Boardings per Revenue Hour	1.87	1.89	1.86
50,000	36,436	43,392	-16.0%	Revenue Miles between Maintenance Failure	38,451	31,383	47,459



## Bi-State Development Enterprises



### Fiscal Year Ended June 30

Goal	FY 2018	FY 2017	Change		FY 2016	FY 2015	FY 2014
<b><u>Gateway Arch</u></b>							
1,525,167	\$1,134,366	(\$228,119)	597.3%	Income (Loss) Before Depreciation	\$2,475,503	(\$6,017,961)	\$1,466,881
883,461	799,576	543,013	47.2%	Tram Ridership	696,905	814,737	885,165
<b><u>Riverfront Attractions</u></b>							
\$362,626	\$446,691	\$343,840	29.9%	Income (Loss) Before Depreciation	\$123,549	(\$386,436)	\$33,330
115,600	119,588	105,775	13.1%	Passengers	87,588	73,091	120,723
1,007	1,019	909	12.1%	Cruises	790	667	932
270	273	249	9.6%	Days of Operation	239	202	248
<b><u>St. Louis Downtown Airport</u></b>							
\$23,165	\$107,892	(\$240,003)	145.0%	Income (Loss) Before Depreciation	(\$188,991)	\$144,526	\$247,851
1,773,630	1,738,524	1,680,533	3.5%	Fuel Sales (gallons)	1,849,645	1,742,032	1,757,640
90,000	94,034	106,588	-11.8%	Aircraft Movements	101,227	88,345	106,996
320	313	319	-1.7%	Average Based Aircraft	326	325	321
<b><u>Executive Services</u></b>							
\$391,888	\$322,860	\$333,132	-3.1%	Income (Loss) Before Depreciation	\$313,291	\$1,075,644	\$586,829
<b><u>St. Louis Regional Freightway</u></b>							
(\$717,902)	(\$752,831)	(\$497,543)	-51.3%	Income (Loss) Before Depreciation	(\$223,461)	\$0	\$0



## Peer Performance - System

CHARACTERISTICS AND PERFORMANCE MEASURES		ST. LOUIS	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	AVERAGE
Population of service area (in millions)	FY 16	1.57	0.98	1.41	2.38	2.92	1.84	1.42	1.56	1.03	2.46	1.93	1.77
	FY 15	1.62	0.98	1.41	2.35	2.88	1.84	1.42	1.56	1.04	2.46	1.88	1.77
	FY 14	1.54	1.18	1.41	2.33	2.88	1.84	1.42	1.54	1.04	2.22	1.88	1.75
Passenger Boardings (in millions)	FY 16	44.0	28.1	44.3	66.8	103.3	82.6	63.8	101.7	24.3	92.4	44.0	63.2
	FY 15	46.6	26.3	47.0	69.8	102.3	85.8	65.2	101.4	25.6	94.9	45.1	64.5
	FY 14	48.1	26.4	49.2	70.9	104.3	84.5	63.7	99.5	26.4	91.9	44.5	64.5
Average Weekday Passenger Boardings	FY 16	139,220	95,481	144,075	220,747	345,143	266,918	214,639	322,154	83,687	298,940	141,298	206,573
	FY 15	146,826	89,830	151,756	232,322	335,088	276,408	218,583	323,289	89,197	305,952	145,378	210,421
	FY 14	151,998	89,281	157,573	237,392	341,480	273,036	214,295	317,091	91,145	292,946	145,060	210,118
Average Saturday Passenger Boardings	FY 16	92,040	42,871	81,506	111,912	178,333	151,532	99,206	197,318	32,019	176,603	77,750	112,826
	FY 15	98,135	38,258	89,554	119,014	182,305	166,145	105,391	196,604	34,890	184,603	80,485	117,762
	FY 14	101,528	40,388	98,272	120,242	182,086	162,025	102,367	194,568	32,107	183,390	76,481	117,587
Average Sunday Passenger Boardings	FY 16	63,185	25,405	55,409	68,914	132,658	114,011	64,433	149,804	21,582	121,768	64,195	80,124
	FY 15	67,147	26,145	63,396	73,799	123,909	119,555	65,857	147,793	22,004	128,004	66,344	82,178
	FY 14	67,580	27,506	68,066	71,279	131,978	117,666	62,858	143,800	23,346	133,483	60,800	82,578
Vehicles in Operated in Maximum Service	FY 16	480	352	545	1,069	1,435	843	939	950	232	765	686	754
	FY 15	473	351	547	1,042	1,395	885	912	918	222	732	679	741
	FY 14	469	361	537	1,080	1,416	861	900	894	223	690	677	737
Farebox Recovery	FY 16	18.7%	20.1%	18.0%	14.0%	26.1%	24.6%	25.6%	29.5%	21.1%	39.0%	11.2%	22.6%
	FY 15	21.0%	25.3%	19.8%	15.0%	25.7%	25.2%	27.2%	31.5%	21.8%	40.6%	12.4%	24.1%
	FY 14	21.5%	29.2%	20.2%	15.7%	25.3%	27.1%	27.3%	30.3%	22.5%	41.2%	12.4%	24.8%
Subsidy per Passenger Boarding	FY 16	4.83	3.83	4.85	6.30	3.72	3.48	4.63	2.95	4.49	1.65	7.26	4.37
	FY 15	4.25	3.62	4.09	5.65	3.42	3.29	4.21	2.65	4.11	1.51	6.66	3.95
	FY 14	4.02	3.38	4.06	5.54	3.42	2.97	4.19	2.75	3.94	1.46	6.55	3.84

Source: National Transit Database - Calculations based on NTD definitions



		Peer Performance - Bus											
CHARACTERISTICS AND PERFORMANCE MEASURES		ST. LOUIS	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	AVERAGE
Fleet Size	FY 16	394	320	402	648	1,047	902	727	648	222	595	511	583
	FY 15	390	316	396	636	1,127	907	705	643	219	605	507	586
	FY 14	383	322	391	861	1,101	905	701	608	225	582	452	594
Fleet Age (average in years)	FY 16	7.3	9.8	8.3	4.0	5.8	4.7	7.2	9.4	6.8	6.0	10.5	7.3
	FY 15	7.4	9.3	7.9	4.5	6.5	4.9	7.4	9.5	8.0	6.6	9.4	7.4
	FY 14	8.2	8.3	9.7	4.0	8.9	4.7	7.5	11.4	8.6	6.7	10.2	8.0
Passenger Boardings (in millions)	FY 16	27.7	22.7	34.8	33.5	73.3	58.9	53.7	60.0	12.1	51.9	32.6	41.9
	FY 15	29.4	21.7	37.3	36.4	75.5	62.1	54.8	62.1	13.7	53.9	33.0	43.6
	FY 14	30.1	21.6	34.4	37.4	76.7	67.8	53.4	59.7	13.7	51.3	32.9	43.5
Bus Boardings as a Percent of System Boardings	FY 16	62.9%	80.8%	78.6%	50.1%	70.9%	71.3%	84.1%	59.0%	49.7%	56.1%	74.1%	67.1%
	FY 15	63.1%	82.5%	79.4%	52.1%	73.8%	72.4%	84.0%	61.2%	53.5%	56.8%	73.2%	68.4%
	FY 14	62.6%	81.8%	70.0%	52.7%	73.5%	80.3%	83.8%	60.0%	51.7%	55.9%	73.8%	67.8%
Operating Expense (in millions)	FY 16	\$ 156.8	\$ 101.7	\$ 178.4	\$ 243.7	\$ 324.2	\$ 298.2	\$ 301.4	\$ 251.2	\$ 79.3	\$ 154.1	\$ 244.6	\$ 212.1
	FY 15	153.2	96.6	161.7	233.6	314.6	296.5	284.3	236.8	77.2	147.7	240.5	203.9
	FY 14	150.4	95.4	166.7	238.6	327.0	280.8	276.8	240.9	77.9	138.2	238.3	202.8
Operating Expense per Revenue Mile	FY 16	\$ 8.49	\$ 12.05	\$ 12.92	\$ 8.86	\$ 8.82	\$ 12.13	\$ 14.46	\$ 12.14	\$ 12.98	\$ 7.83	\$ 15.57	\$ 11.48
	FY 15	8.32	11.46	11.61	8.54	8.69	12.27	14.08	11.74	12.82	8.03	15.57	11.19
	FY 14	8.13	11.22	12.59	8.91	9.19	11.71	14.56	12.32	12.98	8.23	15.88	11.43
Operating Expense per Passenger Mile	FY 16	\$ 1.14	\$ 1.30	\$ 1.33	\$ 1.68	\$ 0.96	\$ 1.16	\$ 1.31	\$ 0.91	\$ 1.81	\$ 0.77	\$ 1.27	\$ 1.24
	FY 15	1.04	1.25	1.09	1.62	0.80	1.17	1.24	0.83	1.50	0.74	1.36	1.15
	FY 14	0.95	1.15	1.15	1.57	0.84	0.99	1.16	0.84	1.47	0.76	1.36	1.11
Operating Expense per Passenger Boarding	FY 16	\$ 5.66	\$ 4.48	\$ 5.45	\$ 7.27	\$ 4.43	\$ 5.06	\$ 5.62	\$ 4.19	\$ 6.55	\$ 2.97	\$ 7.50	\$ 5.38
	FY 15	5.20	4.45	4.75	6.42	4.17	4.77	5.18	3.81	5.64	2.74	7.28	4.95
	FY 14	5.00	4.42	4.84	6.38	4.27	4.14	5.18	4.03	5.71	2.69	7.25	3.84
Boardings per Revenue Mile	FY 16	1.5	2.7	2.6	1.2	2.0	2.4	2.6	2.9	2.0	2.6	2.1	2.2
	FY 15	1.6	2.6	3.0	1.3	2.1	2.6	2.7	3.1	2.3	2.9	2.1	2.4
	FY 14	1.6	2.5	2.6	1.4	2.2	2.8	2.8	3.1	2.3	3.1	2.2	2.4
Boardings per Revenue Hour	FY 16	20.0	28.9	27.3	15.5	26.0	28.8	33.8	32.7	21.8	28.7	24.1	26.1
	FY 15	21.6	27.6	32.4	16.9	27.3	30.7	35.7	35.4	24.9	32.3	25.0	28.2
	FY 14	22.1	27.7	30.0	18.0	28.7	33.1	36.0	35.8	24.9	32.6	26.0	28.6

Source: National Transit Database - Calculations based on NTD definitions



## Peer Performance - Light Rail

CHARACTERISTICS AND PERFORMANCE MEASURES		ST. LOUIS	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	AVERAGE
Fleet Size	FY 16	80	27	48	163	172	86	83	143	85	130	99	101
	FY 15	87	27	34	163	172	86	83	133	76	130	99	99
	FY 14	87	27	48	163	172	86	83	131	76	162	99	103
Fleet Age (average in years)	FY 16	17.3	31.9	35.0	13.9	10.7	5.5	24.6	16.7	21.1	12.9	14.7	18.6
	FY 15	16.3	30.9	31.0	13.0	9.7	4.5	23.6	18.0	19.1	11.9	13.7	17.4
	FY 14	15.3	29.9	33.0	12.0	8.7	3.5	22.6	17.0	18.1	14.1	12.7	17.0
Passenger Boardings (in millions)	FY 16	15.8	5.2	2.5	29.8	24.6	23.0	8.1	40.2	12.2	39.6	10.7	19.2
	FY 15	16.6	4.4	2.6	29.8	25.5	23.0	8.0	37.7	12.1	40.1	11.6	19.2
	FY 14	17.5	4.6	2.8	29.5	26.4	16.0	7.9	38.2	12.7	39.7	11.0	18.7
Rail Boardings as a Percent of System Boardings	FY 16	35.9%	18.5%	5.6%	44.6%	23.8%	27.8%	12.7%	39.5%	50.1%	42.8%	24.3%	29.6%
	FY 15	35.7%	16.8%	5.5%	42.8%	24.9%	26.8%	12.3%	37.2%	47.1%	42.2%	25.8%	28.8%
	FY 14	36.3%	17.6%	5.6%	41.5%	25.3%	18.9%	12.5%	38.4%	48.1%	43.2%	24.6%	28.4%
Operating Expense (in millions)	FY 16	\$ 79.6	\$ 23.6	\$ 13.5	\$ 178.4	\$ 104.6	\$ 66.5	\$ 60.3	\$ 128.6	\$ 58.9	\$ 75.5	\$ 92.4	\$ 80.17
	FY 15	73.3	22.2	13.5	168.2	111.0	64.7	55.7	111.5	56.9	73.1	81.3	75.59
	FY 14	73.3	22.2	13.5	168.2	111.0	64.7	55.7	111.5	56.9	73.1	81.3	75.59
Operating Expense per Vehicle Revenue Mile	FY 16	\$ 12.73	\$ 24.88	\$ 17.44	\$ 18.15	\$ 9.21	\$ 12.73	\$ 27.78	\$ 14.53	\$ 13.49	\$ 8.71	\$ 26.63	\$ 16.93
	FY 15	11.73	26.73	16.03	17.30	10.00	12.59	26.08	14.22	14.46	8.50	23.11	16.43
	FY 14	11.73	26.73	16.03	17.30	10.00	12.59	26.08	14.22	14.46	8.50	23.11	16.43
Operating Expense per Passenger Mile	FY 16	\$ 0.62	\$ 1.67	\$ 0.92	\$ 0.73	\$ 0.50	\$ 0.71	\$ 1.97	\$ 0.59	\$ 0.85	\$ 0.34	\$ 1.69	\$ 0.96
	FY 15	0.53	1.81	0.90	0.68	0.61	0.66	1.79	0.54	0.83	0.33	1.33	0.91
	FY 14	0.49	1.81	0.80	0.68	0.51	0.67	1.57	0.50	0.73	0.31	1.21	0.84
Operating Expense per Passenger Boarding	FY 16	\$ 5.04	\$ 4.52	\$ 5.49	\$ 5.99	\$ 4.26	\$ 2.90	\$ 7.42	\$ 3.20	\$ 4.82	\$ 1.91	\$ 8.62	\$ 4.92
	FY 15	4.40	5.03	5.19	5.64	4.35	2.81	6.92	2.95	4.72	1.82	7.17	4.64
	FY 14	4.10	4.77	4.71	5.60	3.88	3.06	6.69	2.83	4.31	1.80	6.82	3.84
Boardings per Vehicle Revenue Mile	FY 16	2.5	5.5	3.2	3.0	2.2	4.4	3.8	4.5	2.8	4.6	3.1	3.6
	FY 15	2.7	5.3	3.1	3.1	2.3	4.5	3.8	4.8	3.1	4.7	3.2	3.7
	FY 14	2.8	5.1	3.3	3.2	2.4	4.0	3.8	4.9	3.2	4.7	3.2	3.7
Boardings per Vehicle Revenue Hour	FY 16	62.9	52.8	46.1	63.7	40.6	54.0	47.9	70.6	55.3	80.9	51.1	56.9
	FY 15	65.8	54.8	51.1	65.1	40.5	48.6	49.2	72.2	58.3	78.7	50.1	57.7
	FY 14	64.6	73.5	55.1	65.2	41.8	62.0	50.5	74.2	62.2	63.0	54.1	60.6

Source: National Transit Database - Calculations based on NTD definitions



## Peer Performance - Demand Response

CHARACTERISTICS AND PERFORMANCE MEASURES		ST. LOUIS	BUFFALO	CLEVELAND	DALLAS	DENVER	MINNEAPOLIS	PITTSBURGH	PORTLAND	SACRAMENTO	SAN DIEGO	SAN JOSE	AVERAGE
Fleet Size	FY 16	121	74	166	115	416	-	362	268	-	200	227	217
	FY 15	118	74	159	118	404	-	346	219	-	202	242	209
	FY 14	116	74	158	165	450	-	346	268	-	146	244	219
Fleet Age (average in years)	FY 16	5.5	5.7	4.2	3.7	3.7	-	5.8	4.3	-	4.4	4.4	4.6
	FY 15	4.5	5.1	4.3	2.8	5.0	-	4.5	5.6	-	6.0	3.7	4.6
	FY 14	5.8	4.1	4.9	1.8	4.5	-	5.6	3.7	-	4.1	2.9	4.2
Passenger Boardings (in millions)	FY 16	0.57	0.19	0.63	0.33	1.19	-	1.53	0.93	-	0.63	0.65	0.74
	FY 15	0.58	0.18	0.70	0.40	1.23	-	0.79	0.92	-	0.59	0.72	0.68
	FY 14	0.58	0.16	0.75	0.47	1.27	-	1.59	0.93	-	0.55	0.73	0.78
Demand-Response Boardings as a Percent of System Boardings	FY 16	1.3%	0.7%	1.4%	0.5%	1.2%	-	2.4%	0.9%	-	0.7%	1.5%	1.2%
	FY 15	1.2%	0.7%	1.5%	0.6%	1.2%	-	1.2%	0.9%	-	0.6%	1.6%	1.1%
	FY 14	1.2%	0.6%	1.5%	0.7%	1.2%	-	2.5%	0.9%	-	0.6%	1.6%	1.2%
Operating Expense (in millions)	FY 16	\$ 25.3	\$ 9.3	\$ 33.6	\$ 13.7	\$ 45.4	-	\$ 35.0	\$ 33.4	-	\$ 19.0	\$ 23.0	26.4
	FY 15	24.7	8.3	32.4	23.7	48.1	-	36.3	32.8	-	15.5	20.0	26.8
	FY 14	21.9	7.9	29.9	21.0	46.9	-	36.3	32.2	-	14.5	22.0	25.8
Operating Expense per Revenue Mile	FY 16	\$ 4.74	\$ 5.57	\$ 6.28	\$ 6.87	\$ 4.13	-	\$ 3.68	\$ 5.25	-	\$ 4.11	\$ 4.66	5.03
	FY 15	4.57	5.20	6.04	6.97	4.18	-	3.89	5.15	-	4.21	3.54	4.86
	FY 14	4.64	5.40	6.24	8.07	4.59	-	3.75	5.01	-	4.25	3.23	5.02
Operating Expense per Passenger Mile	FY 16	\$ 4.54	\$ 5.30	\$ 6.72	\$ 3.36	\$ 4.32	-	\$ 2.92	\$ 3.90	-	\$ 3.02	\$ 3.49	4.17
	FY 15	4.26	4.85	5.35	3.34	4.39	-	3.07	3.74	-	2.99	3.10	3.90
	FY 14	4.29	4.86	4.45	3.81	4.64	-	2.91	3.63	-	2.94	2.47	3.78
Operating Expense per Passenger Boarding	FY 16	\$ 44.59	\$ 49.58	\$ 52.97	\$ 40.76	\$ 38.26	-	\$ 22.92	\$ 36.04	-	\$ 30.13	\$ 35.28	38.95
	FY 15	42.28	48.96	45.64	41.73	37.07	-	23.89	35.25	-	29.41	29.11	37.04
	FY 14	42.53	50.63	43.07	50.56	37.85	-	22.74	35.33	-	28.38	27.47	3.84
Boardings per Revenue Mile	FY 16	0.1	0.1	0.1	0.2	0.1	-	0.2	0.2	-	0.1	0.1	0.1
	FY 15	0.1	0.1	0.1	0.2	0.1	-	0.2	0.1	-	0.1	0.1	0.1
	FY 14	0.1	0.1	0.1	0.2	0.1	-	0.2	0.1	-	0.1	0.1	0.1
Boardings per Revenue Hour	FY 16	1.9	1.9	1.9	2.1	1.7	-	2.3	2.0	-	2.5	2.6	2.1
	FY 15	1.9	1.8	2.0	2.1	1.8	-	2.4	2.0	-	2.6	2.6	2.1
	FY 14	1.9	1.9	2.0	1.8	1.8	-	2.6	2.0	-	2.7	2.6	2.1

\* Minneapolis and Sacramento are not included in the Average

Source: National Transit Database - Calculations based on NTD definitions



# Average Weekday Ridership

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	79,047	84,399	-6.3%	46,005	50,290	-8.5%	1,879	1,860	1.1%	126,931	136,549	-7.0%
2nd Qtr YTD	77,847	83,649	-6.9%	43,696	48,053	-9.1%	1,870	1,845	1.3%	123,413	133,548	-7.6%
3rd Qtr YTD	75,380	82,040	-8.1%	42,066	46,576	-9.7%	1,867	1,862	0.3%	119,312	130,478	-8.6%
Full year	74,865	80,731	-7.3%	42,568	46,180	-7.8%	1,875	1,857	1.0%	119,308	128,768	-7.3%

July	74,070	79,649	-7.0%	44,258	49,251	-10.1%	1,803	1,801	0.1%	120,131	130,701	-8.1%
August	79,604	84,200	-5.5%	45,700	48,962	-6.7%	1,906	1,891	0.8%	127,210	135,053	-5.8%
September	83,466	89,349	-6.6%	48,058	52,658	-8.7%	1,929	1,887	2.2%	133,453	143,894	-7.3%
October	80,901	88,577	-8.7%	43,419	49,166	-11.7%	1,965	1,927	2.0%	126,285	139,670	-9.6%
November	77,528	84,267	-8.0%	41,696	46,237	-9.8%	1,846	1,798	2.7%	121,070	132,302	-8.5%
December	71,513	75,854	-5.7%	39,045	42,044	-7.1%	1,771	1,768	0.2%	112,329	119,666	-6.1%
January	67,881	76,062	-10.8%	37,329	41,744	-10.6%	1,799	1,817	-1.0%	107,009	119,623	-10.5%
February	73,290	83,550	-12.3%	39,535	45,478	-13.1%	1,900	1,961	-3.1%	114,725	130,989	-12.4%
March	70,163	76,853	-8.7%	39,553	43,646	-9.4%	1,881	1,906	-1.3%	111,597	122,405	-8.8%
April	73,762	77,265	-4.5%	44,285	46,904	-5.6%	1,947	1,889	3.1%	119,994	126,058	-4.8%
May	73,510	76,473	-3.9%	44,072	44,403	-0.7%	1,860	1,790	3.9%	119,442	122,666	-2.6%
June	72,686	76,673	-5.2%	43,864	43,668	0.4%	1,898	1,851	2.5%	118,448	122,192	-3.1%



# Passenger Boardings

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	6,354,800	6,812,100	-6.7%	3,706,700	4,098,900	-9.5%	139,100	139,400	-0.2%	10,200,600	11,050,400	-7.7%
2nd Qtr YTD	12,307,900	13,287,000	-7.4%	6,967,100	7,749,900	-10.1%	277,800	276,000	0.7%	19,552,800	21,312,900	-8.3%
3rd Qtr YTD	17,769,900	19,405,500	-8.4%	10,012,000	11,230,800	-10.9%	413,700	414,700	-0.2%	28,195,600	31,051,000	-9.2%
Full year	23,667,300	25,549,700	-7.4%	13,550,500	14,898,200	-9.0%	553,500	550,700	0.5%	37,771,300	40,998,600	-7.9%

July	1,983,400	2,122,800	-6.6%	1,198,200	1,343,700	-10.8%	43,800	43,900	-0.2%	3,225,400	3,510,400	-8.1%
August	2,214,600	2,343,800	-5.5%	1,272,900	1,369,100	-7.0%	48,900	48,700	0.4%	3,536,400	3,761,600	-6.0%
September	2,156,800	2,345,500	-8.0%	1,235,600	1,386,100	-10.9%	46,400	46,800	-0.9%	3,438,800	3,778,400	-9.0%
October	2,152,400	2,347,000	-8.3%	1,178,300	1,334,700	-11.7%	48,900	47,100	3.8%	3,379,600	3,728,800	-9.4%
November	1,974,400	2,151,000	-8.2%	1,077,700	1,199,500	-10.2%	45,800	45,000	1.8%	3,097,900	3,395,500	-8.8%
December	1,826,300	1,976,900	-7.6%	1,004,400	1,116,800	-10.1%	44,000	44,500	-1.1%	2,874,700	3,138,200	-8.4%
January	1,805,600	1,985,700	-9.1%	997,000	1,128,400	-11.6%	46,200	44,900	2.9%	2,848,800	3,159,000	-9.8%
February	1,764,700	2,038,400	-13.4%	968,300	1,142,600	-15.3%	42,600	44,700	-4.7%	2,775,600	3,225,700	-14.0%
March	1,891,700	2,094,400	-9.7%	1,079,600	1,209,900	-10.8%	47,100	49,100	-4.1%	3,018,400	3,353,400	-10.0%
April	1,907,400	1,984,800	-3.9%	1,158,300	1,233,900	-6.1%	46,400	44,000	5.5%	3,112,100	3,262,700	-4.6%
May	2,022,300	2,089,700	-3.2%	1,209,000	1,230,000	-1.7%	47,800	46,200	3.5%	3,279,100	3,365,900	-2.6%
June	1,967,700	2,069,700	-4.9%	1,171,200	1,203,500	-2.7%	45,600	45,800	-0.4%	3,184,500	3,319,000	-4.1%

Boardings are rounded to the nearest hundred



# Passengers by Jurisdiction

Period	MetroBus						MetroLink					
	Missouri			St. Clair			Missouri			St. Clair		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	5,601,631	6,017,293	-6.9%	753,228	794,808	-5.2%	3,032,754	3,361,097	-9.8%	673,885	737,926	-8.7%
2nd Qtr YTD	10,938,767	11,810,399	-7.4%	1,369,299	1,476,640	-7.3%	5,695,168	6,343,241	-10.2%	1,271,850	1,406,781	-9.6%
3rd Qtr YTD	15,850,246	17,293,756	-8.3%	1,919,866	2,111,794	-9.1%	8,164,461	9,186,344	-11.1%	1,847,506	2,044,550	-9.6%
Full year	21,022,224	22,718,228	-7.5%	2,645,317	2,831,566	-6.6%	11,027,196	12,172,302	-9.4%	2,523,247	2,725,989	-7.4%

July	1,739,193	1,867,735	-6.9%	244,237	255,063	-4.2%	980,265	1,106,073	-11.4%	217,935	237,668	-8.3%
August	1,961,480	2,073,836	-5.4%	253,163	269,959	-6.2%	1,043,089	1,119,567	-6.8%	229,800	249,581	-7.9%
September	1,900,958	2,075,722	-8.4%	255,828	269,786	-5.2%	1,009,400	1,135,457	-11.1%	226,150	250,677	-9.8%
October	1,928,390	2,098,308	-8.1%	224,058	248,699	-9.9%	963,384	1,093,750	-11.9%	214,877	240,968	-10.8%
November	1,769,993	1,924,552	-8.0%	204,447	226,448	-9.7%	879,758	977,451	-10.0%	197,963	222,039	-10.8%
December	1,638,753	1,770,246	-7.4%	187,566	206,685	-9.3%	819,272	910,943	-10.1%	185,125	205,848	-10.1%
January	1,625,857	1,780,328	-8.7%	179,748	205,337	-12.5%	810,987	920,599	-11.9%	186,062	207,793	-10.5%
February	1,588,743	1,825,807	-13.0%	175,983	212,591	-17.2%	786,503	930,786	-15.5%	181,783	211,822	-14.2%
March	1,696,879	1,877,222	-9.6%	194,836	217,226	-10.3%	871,803	991,718	-12.1%	207,811	218,154	-4.7%
April	1,687,917	1,753,161	-3.7%	219,445	231,618	-5.3%	938,546	1,006,330	-6.7%	219,732	227,532	-3.4%
May	1,770,154	1,844,879	-4.1%	252,165	244,844	3.0%	976,993	1,002,562	-2.6%	232,051	227,485	2.0%
June	1,713,907	1,826,432	-6.2%	253,841	243,310	4.3%	947,196	977,066	-3.1%	223,958	226,422	-1.1%



# Passenger Revenue

Period	MetroBus			MetroLink			Call-A-Ride *			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	\$6,867,848	\$7,012,569	-2.1%	\$3,988,265	\$4,142,651	-3.7%	\$658,057	\$641,163	2.6%	\$11,514,170	\$11,796,383	-2.4%
2nd Qtr YTD	\$12,987,576	\$13,525,622	-4.0%	\$7,335,963	\$7,823,962	-6.2%	\$1,486,775	\$1,312,111	13.3%	\$21,810,312	\$22,661,694	-3.8%
3rd Qtr YTD	\$18,688,030	\$20,030,089	-6.7%	\$10,517,945	\$11,539,934	-8.9%	\$1,905,353	\$1,959,192	-2.7%	\$31,111,325	\$33,529,215	-7.2%
Full year	\$24,947,721	\$26,674,897	-6.5%	\$14,208,424	\$15,388,145	-7.7%	\$2,677,551	\$2,620,037	2.2%	\$41,833,694	\$44,683,079	-6.4%

1st Qtr	\$6,867,848	\$7,012,569	-2.1%	\$3,988,265	\$4,142,651	-3.7%	\$658,057	\$641,163	2.6%	\$11,514,170	\$11,796,383	-2.4%
2nd Qtr	\$6,119,728	\$6,513,053	-6.0%	\$3,347,698	\$3,681,311	-9.1%	\$828,718	\$670,948	23.5%	\$10,296,142	\$10,865,311	-5.2%
3rd Qtr	\$5,700,454	\$6,504,467	-12.4%	\$3,181,982	\$3,715,972	-14.4%	\$418,577	\$647,081	-35.3%	\$9,301,013	\$10,867,521	-14.4%
4th Qtr	\$6,259,692	\$6,644,808	-5.8%	\$3,690,479	\$3,848,211	-4.1%	\$772,198	\$660,845	16.9%	\$10,722,369	\$11,153,864	-3.9%

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



# Revenue Miles

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	4,699,967	4,709,831	-0.2%	785,913	778,004	1.0%	1,325,315	1,348,707	-1.7%	6,811,195	6,836,542	-0.4%
2nd Qtr YTD	9,334,845	9,332,502	0.0%	1,567,716	1,555,099	0.8%	2,634,892	2,677,406	-1.6%	13,537,452	13,565,007	-0.2%
3rd Qtr YTD	13,918,214	13,884,401	0.2%	2,339,115	2,325,578	0.6%	3,927,507	3,955,721	-0.7%	20,184,835	20,165,700	0.1%
Full year	18,641,250	18,552,453	0.5%	3,105,288	3,107,518	-0.1%	5,210,401	5,250,386	-0.8%	26,956,938	26,910,358	0.2%

July	1,557,395	1,562,306	-0.3%	262,438	261,369	0.4%	419,136	435,057	-3.7%	2,238,969	2,258,731	-0.9%
August	1,616,680	1,616,850	0.0%	268,321	268,319	0.0%	464,541	463,203	0.3%	2,349,542	2,348,372	0.0%
September	1,525,892	1,530,675	-0.3%	255,154	248,316	2.8%	441,638	450,447	-2.0%	2,222,684	2,229,439	-0.3%
October	1,579,218	1,560,648	1.2%	266,324	259,057	2.8%	465,637	461,251	1.0%	2,311,178	2,280,956	1.3%
November	1,522,399	1,514,068	0.6%	256,753	256,753	0.0%	434,282	434,897	-0.1%	2,213,434	2,205,718	0.3%
December	1,533,261	1,547,955	-0.9%	258,726	261,284	-1.0%	409,658	432,551	-5.3%	2,201,645	2,241,790	-1.8%
January	1,572,132	1,539,785	2.1%	266,294	260,823	2.1%	439,290	419,739	4.7%	2,277,716	2,220,347	2.6%
February	1,428,010	1,421,802	0.4%	238,821	241,266	-1.0%	403,518	417,737	-3.4%	2,070,350	2,080,804	-0.5%
March	1,583,226	1,590,312	-0.4%	266,284	268,391	-0.8%	449,807	440,839	2.0%	2,299,317	2,299,542	0.0%
April	1,530,513	1,517,838	0.8%	255,704	255,680	0.0%	433,926	416,902	4.1%	2,220,143	2,190,420	1.4%
May	1,592,553	1,591,016	0.1%	259,419	266,910	-2.8%	444,614	440,660	0.9%	2,296,586	2,298,586	-0.1%
June	1,599,969	1,559,199	2.6%	251,051	259,350	-3.2%	404,354	437,103	-7.5%	2,255,374	2,255,652	0.0%

May not sum to total due to rounding



# Total Miles

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	5,412,301	5,403,860	0.2%	792,291	784,671	1.0%	1,401,619	1,442,812	-2.9%	7,606,212	7,631,344	-0.3%
2nd Qtr YTD	10,726,436	10,685,398	0.4%	1,579,042	1,567,800	0.7%	2,795,094	2,873,319	-2.7%	15,100,571	15,126,516	-0.2%
3rd Qtr YTD	15,989,207	15,887,422	0.6%	2,356,337	2,344,536	0.5%	4,163,424	4,234,468	-1.7%	22,508,968	22,466,426	0.2%
Full year	21,399,139	21,251,722	0.7%	3,128,763	3,133,603	-0.2%	5,571,795	5,610,397	-0.7%	30,099,698	29,995,722	0.3%

July	1,791,846	1,791,851	0.0%	264,728	263,656	0.4%	443,204	464,387	-4.6%	2,499,778	2,519,893	-0.8%
August	1,861,334	1,855,117	0.3%	270,374	270,455	0.0%	491,034	494,922	-0.8%	2,622,742	2,620,493	0.1%
September	1,759,122	1,756,893	0.1%	257,189	250,561	2.6%	467,381	483,503	-3.3%	2,483,692	2,490,957	-0.3%
October	1,810,570	1,783,058	1.5%	268,410	261,132	2.8%	493,595	492,840	0.2%	2,572,574	2,537,030	1.4%
November	1,745,237	1,729,724	0.9%	258,716	258,716	0.0%	465,035	469,724	-1.0%	2,468,988	2,458,164	0.4%
December	1,758,328	1,768,755	-0.6%	259,624	263,280	-1.4%	434,845	467,943	-7.1%	2,452,797	2,499,979	-1.9%
January	1,805,092	1,759,607	2.6%	268,328	262,891	2.1%	466,106	449,829	3.6%	2,539,526	2,472,327	2.7%
February	1,639,763	1,625,884	0.9%	240,649	243,355	-1.1%	426,138	442,862	-3.8%	2,306,550	2,312,102	-0.2%
March	1,817,917	1,816,533	0.1%	268,318	270,490	-0.8%	476,086	468,458	1.6%	2,562,321	2,555,481	0.3%
April	1,766,392	1,742,101	1.4%	257,667	258,176	-0.2%	475,000	441,662	7.5%	2,499,059	2,441,939	2.3%
May	1,842,526	1,828,998	0.7%	261,584	269,347	-2.9%	487,757	469,763	3.8%	2,591,866	2,568,107	0.9%
June	1,801,015	1,793,201	0.4%	253,176	261,544	-3.2%	445,614	464,504	-4.1%	2,499,804	2,519,249	-0.8%

May not sum to total due to rounding



# Revenue Hours

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	356,825	358,590	-0.5%	33,459	33,160	0.9%	73,266	76,182	-3.8%	463,551	467,933	-0.9%
2nd Qtr YTD	703,826	703,973	0.0%	66,785	66,348	0.7%	146,610	149,468	-1.9%	917,220	919,788	-0.3%
3rd Qtr YTD	1,045,725	1,036,160	0.9%	99,612	99,174	0.4%	217,805	221,722	-1.8%	1,363,143	1,357,056	0.4%
Full year	1,400,373	1,390,550	0.7%	132,381	132,444	0.0%	290,331	293,281	-1.0%	1,823,084	1,816,276	0.4%

July	118,415	119,693	-1.1%	11,186	11,119	0.6%	23,225	24,532	-5.3%	152,827	155,344	-1.6%
August	122,460	122,787	-0.3%	11,404	11,388	0.1%	25,655	26,737	-4.0%	159,518	160,912	-0.9%
September	115,950	116,110	-0.1%	10,869	10,653	2.0%	24,386	24,913	-2.1%	151,206	151,677	-0.3%
October	118,433	116,988	1.2%	11,330	11,087	2.2%	25,919	25,092	3.3%	155,682	153,167	1.6%
November	114,155	113,093	0.9%	10,930	10,930	0.0%	24,265	23,785	2.0%	149,350	147,808	1.0%
December	114,412	115,301	-0.8%	11,066	11,171	-0.9%	23,160	24,409	-5.1%	148,638	150,881	-1.5%
January	117,241	114,656	2.3%	11,329	11,157	1.5%	24,137	23,857	1.2%	152,707	149,670	2.0%
February	106,574	105,981	0.6%	10,171	10,263	-0.9%	21,894	23,136	-5.4%	138,639	139,380	-0.5%
March	118,085	111,550	5.9%	11,328	11,407	-0.7%	25,164	25,261	-0.4%	154,577	148,218	4.3%
April	115,900	115,412	0.4%	10,896	10,892	0.0%	23,901	23,026	3.8%	150,697	149,330	0.9%
May	120,659	120,663	0.0%	11,105	11,354	-2.2%	24,948	24,313	2.6%	156,711	156,330	0.2%
June	118,089	118,315	-0.2%	10,768	11,024	-2.3%	23,677	24,220	-2.2%	152,534	153,559	-0.7%

May not sum to total due to rounding



# Total Hours

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	384,141	385,511	-0.4%	33,966	33,678	0.9%	78,744	83,023	-5.2%	496,851	502,212	-1.1%
2nd Qtr YTD	758,361	757,543	0.1%	67,521	67,359	0.2%	157,636	163,196	-3.4%	983,518	988,098	-0.5%
3rd Qtr YTD	1,127,411	1,123,010	0.4%	100,837	100,683	0.2%	233,996	241,068	-2.9%	1,462,243	1,464,761	-0.2%
Full year	1,509,796	1,504,329	0.4%	134,102	134,485	-0.3%	315,199	318,045	-0.9%	1,959,097	1,956,859	0.1%

July	127,360	128,511	-0.9%	11,360	11,293	0.6%	24,909	26,947	-7.6%	163,628	166,751	-1.9%
August	131,928	132,043	-0.1%	11,574	11,561	0.1%	27,649	29,001	-4.7%	171,151	172,605	-0.8%
September	124,854	124,957	-0.1%	11,032	10,824	1.9%	26,186	27,075	-3.3%	162,072	162,856	-0.5%
October	127,701	125,946	1.4%	11,234	11,255	-0.2%	27,778	27,172	2.2%	166,713	164,373	1.4%
November	123,084	121,835	1.0%	11,092	11,092	0.0%	26,280	26,139	0.5%	160,456	159,065	0.9%
December	123,434	124,252	-0.7%	11,230	11,334	-0.9%	24,834	26,862	-7.5%	159,497	162,448	-1.8%
January	126,558	123,580	2.4%	11,497	11,322	1.5%	25,956	25,984	-0.1%	164,011	160,886	1.9%
February	115,035	114,244	0.7%	10,322	10,423	-1.0%	23,419	24,801	-5.6%	148,777	149,468	-0.5%
March	127,456	127,644	-0.1%	11,496	11,578	-0.7%	26,985	27,087	-0.4%	165,938	166,309	-0.2%
April	124,994	124,177	0.7%	11,058	11,069	-0.1%	26,748	24,698	8.3%	162,800	159,944	1.8%
May	130,124	129,880	0.2%	11,277	11,537	-2.3%	27,909	26,231	6.4%	169,309	167,647	1.0%
June	127,268	127,262	0.0%	10,930	11,196	-2.4%	26,546	26,048	1.9%	164,744	164,506	0.1%

May not sum to total due to rounding



## Operating Expense by Mode

Period	MetroBus			MetroLink			Call-A-Ride			System		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	\$42,391,453	\$38,614,628	9.8%	\$20,257,939	\$18,428,785	9.9%	\$6,619,848	\$6,421,064	3.1%	\$69,269,240	\$63,464,477	9.1%
2nd Qtr YTD	\$85,137,390	\$77,106,424	10.4%	\$39,899,685	\$36,647,124	8.9%	\$13,451,884	\$12,892,164	4.3%	\$138,488,960	\$126,645,714	9.4%
3rd Qtr YTD	\$129,475,661	\$117,020,729	10.6%	\$56,722,297	\$57,868,622	-2.0%	\$20,331,869	\$19,346,033	5.1%	\$206,529,828	\$194,235,384	6.3%
Full year	\$170,676,996	\$152,291,548	12.1%	\$80,033,495	\$76,350,447	4.8%	\$27,208,996	\$25,335,118	7.4%	\$277,919,487	\$253,977,113	9.4%

1st Qtr	\$42,391,453	\$38,614,628	9.8%	\$20,257,939	\$18,428,785	9.9%	\$6,619,848	\$6,421,064	3.1%	\$69,269,240	\$63,464,477	9.1%
2nd Qtr	\$42,745,937	\$38,491,796	11.1%	\$19,641,746	\$18,218,339	7.8%	\$6,832,036	\$6,471,100	5.6%	\$69,219,719	\$63,181,235	9.6%
3rd Qtr	\$44,338,271	\$39,914,305	11.1%	\$16,822,612	\$21,221,498	-20.7%	\$6,879,985	\$6,453,869	6.6%	\$68,040,868	\$67,589,672	0.7%
4th Qtr	\$41,201,335	\$35,270,819	16.8%	\$23,311,198	\$18,481,825	26.1%	\$6,877,127	\$5,989,085	14.8%	\$71,389,660	\$59,741,729	19.5%

FY 2017 contains audited amounts



# Unscheduled Absenteeism

Period	Operators			Maintenance			Facility Support			Total		
	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change	FY 2018	FY 2017	Change
1st Qtr YTD	4.1%	4.3%	-0.3%	2.4%	2.5%	-0.1%	2.3%	1.6%	0.7%	3.6%	3.8%	-0.1%
2nd Qtr YTD	3.8%	3.9%	0.0%	2.7%	2.8%	-0.1%	2.2%	2.1%	0.1%	3.4%	3.5%	0.0%
3rd Qtr YTD	3.6%	3.6%	0.0%	2.3%	2.7%	-0.3%	2.0%	1.8%	0.2%	3.2%	3.3%	-0.1%
Full year	3.5%	3.8%	-0.3%	2.3%	2.6%	-0.3%	1.8%	1.9%	0.0%	3.1%	3.4%	-0.3%

July	5.3%	4.5%	0.8%	2.0%	3.0%	-1.1%	2.2%	1.2%	1.1%	4.4%	3.9%	0.5%
August	3.4%	4.5%	-1.0%	2.5%	2.4%	0.1%	2.5%	1.3%	1.2%	3.2%	3.8%	-0.6%
September	3.5%	4.1%	-0.5%	2.9%	2.3%	0.6%	2.2%	2.4%	-0.2%	3.3%	3.6%	-0.3%
October	3.9%	3.6%	0.3%	3.2%	3.7%	-0.5%	2.8%	3.2%	-0.3%	3.6%	3.6%	0.1%
November	3.7%	3.4%	0.4%	2.4%	2.0%	0.5%	2.2%	1.9%	0.3%	3.4%	3.0%	0.4%
December	3.1%	3.1%	-0.1%	3.4%	3.4%	0.0%	1.2%	2.7%	-1.5%	2.9%	3.1%	-0.2%
January	2.9%	2.8%	0.0%	1.8%	2.4%	-0.6%	2.0%	1.4%	0.7%	2.6%	2.6%	0.0%
February	3.3%	2.7%	0.6%	1.3%	2.3%	-1.0%	2.1%	0.7%	1.5%	2.9%	2.4%	0.4%
March	3.2%	3.6%	-0.5%	1.6%	2.6%	-1.1%	0.6%	1.3%	-0.7%	2.6%	3.2%	-0.6%
April	3.1%	4.5%	-1.4%	2.2%	2.4%	-0.3%	1.4%	0.9%	0.5%	2.8%	3.8%	-1.0%
May	3.4%	4.8%	-1.5%	2.7%	2.6%	0.2%	1.4%	2.6%	-1.2%	3.1%	4.2%	-1.1%
June	3.4%	4.4%	-1.0%	1.9%	2.3%	-0.4%	1.2%	2.9%	-1.7%	2.9%	3.9%	-1.0%



# Gateway Arch

	Income Before Depreciation and Transfers		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	\$510,911	\$1,039,951	-50.9%
2nd Qtr YTD	\$398,392	\$531,913	-25.1%
3rd Qtr YTD	\$73,653	(\$539,823)	113.6%
Full Year	\$1,134,366	(\$228,119)	597.3%

	Tram Ridership		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	268,936	282,884	-4.9%
2nd Qtr YTD	409,697	382,131	7.2%
3rd Qtr YTD	533,464	384,735	38.7%
Full Year	799,576	543,013	47.2%

	Tram Ridership		
Month	FY 2018	FY 2017	Change
July	105,926	136,582	-22.4%
August	103,844	90,205	15.1%
September	59,166	56,097	5.5%
October	58,015	57,977	0.1%
November	44,740	41,189	8.6%
December	38,006	81	46821.0%
January	19,270	907	2024.6%
February	27,595	1,339	1960.9%
March	76,902	358	21381.0%
April	62,728	18,874	232.4%
May	82,074	54,657	50.2%
June	121,310	84,747	43.1%



# Riverfront Attractions

	Riverboat Passengers		
Month	FY 2018	FY 2017	Change
July	29,632	26,062	13.7%
August	19,641	16,070	22.2%
September	10,885	11,160	-2.5%
October	8,521	8,676	-1.8%
November	2,193	2,671	-17.9%
December	258	176	46.6%
January	-	-	-
February	-	-	-
March	5,419	4,166	30.1%
April	7,462	8,795	-15.2%
May	13,863	6,856	102.2%
June	21,714	21,143	2.7%

Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	60,158	53,292	12.9%
2nd Qtr YTD	71,130	64,815	9.7%
3rd Qtr YTD	76,549	68,981	11.0%
Full Year	119,588	105,775	13.1%

	Income (Loss) Before Depreciation		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	\$579,811	\$499,884	16.0%
2nd Qtr YTD	\$494,735	\$342,888	44.3%
3rd Qtr YTD	\$185,370	\$108,251	71.2%
Full Year	\$446,691	\$343,840	29.9%

	Riverboat Cruises		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	444	442	0.5%
2nd Qtr YTD	556	542	2.6%
3rd Qtr YTD	611	593	3.0%
Full Year	1,019	909	12.1%

	Riverboat Days of Operation		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	92	92	0.0%
2nd Qtr YTD	155	151	2.6%
3rd Qtr YTD	182	179	1.7%
Full Year	273	249	9.6%



# St. Louis Downtown Airport

	Fuel Sales in Gallons		
Month	FY 2018	FY 2017	Change
July	156,971	127,857	22.8%
August	170,223	144,799	17.6%
September	138,777	129,059	7.5%
October	156,593	157,004	-0.3%
November	133,282	128,585	3.7%
December	133,469	149,794	-10.9%
January	133,453	111,414	19.8%
February	93,399	128,823	-27.5%
March	166,453	160,634	3.6%
April	147,524	160,647	-8.2%
May	136,585	152,970	-10.7%
June	171,795	128,947	33.2%

Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	465,971	401,715	16.0%
2nd Qtr YTD	889,315	837,098	6.2%
3rd Qtr YTD	1,282,620	1,237,969	3.6%
Full Year	1,738,524	1,680,533	3.5%

	Income (Loss) Before Depreciation		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	\$36,110	(\$38,424)	194.0%
2nd Qtr YTD	\$37,617	(\$41,634)	190.4%
3rd Qtr YTD	\$89,855	(\$69,691)	228.9%
Full year	\$107,892	(\$240,003)	145.0%

	Aircraft Movements		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	26,051	30,468	-14.5%
2nd Qtr YTD	48,595	57,578	-15.6%
3rd Qtr YTD	67,770	80,914	-16.2%
Full Year	94,034	106,588	-11.8%

	Average Based Aircraft		
Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	315	322	-2.2%
2nd Qtr YTD	313	320	-2.2%
3rd Qtr YTD	313	319	-1.8%
Full Year	313	319	-1.7%



# St. Louis Regional Freightway

## Net Income (Loss)

Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	(\$172,314)	(\$60,025)	-187.1%
2nd Qtr YTD	(\$257,871)	(\$177,325)	-45.4%
3rd Qtr YTD	(\$457,593)	(\$302,804)	-51.1%
Full Year	(\$752,831)	(\$497,543)	-51.3%

Quarter	FY 2018	FY 2017	Change
1st Qtr	(\$172,314)	(\$60,025)	-187.1%
2nd Qtr	(\$85,557)	(\$117,300)	27.1%
3rd Qtr	(\$199,722)	(\$125,479)	-59.2%
4th Qtr	(\$295,238)	(\$194,737)	-51.6%



# Executive Services

## Income (Loss) Before Depreciation

Quarter	FY 2018	FY 2017	Change
1st Qtr YTD	\$232,826	\$302,574	-23.1%
2nd Qtr YTD	\$153,057	\$375,463	-59.2%
3rd Qtr YTD	\$136,938	\$220,515	-37.9%
Full Year	\$322,860	\$333,132	-3.1%

Quarter	FY 2018	FY 2017	Change
1st Qtr	\$232,826	\$302,574	-23.1%
2nd Qtr	(\$79,769)	\$72,889	-209.4%
3rd Qtr	(\$16,119)	(\$154,948)	89.6%
4th Qtr	\$185,922	\$112,617	65.1%



# Definitions

## Transit

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### 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

MetroBus and MetroLink: 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.

Metro Call-A-Ride: 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

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### **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 lift 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**

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### **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 month-end 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  
Quarter Ended June 30, 2018**

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**INVESTMENTS**

***Yields:***

Bi-State investments had an average yield of 1.61% for the month of June, up from 1.44% in March. The Federal Reserve raised the Federal Funds Rate to 2% in June, even as long-term rates have not kept up, and the yield curve continues to flatten. Federal Reserve Chairman Jerome Powell recently expressed his belief that the risk of an unexpected weakening of the economy is low, and plans to continue to raise rates gradually. The next rate hike is expected in September.

***Invested Funds:***

In June, Bi-State directed \$206 million of cash and investments. Approximately 44% of the invested funds were invested in U.S. Treasury or U.S. Government Agency securities, and 2% were invested in collateralized Certificates of Deposit (CDs). The balance was invested in AAA rated money market funds. The average maturity of Bi-State investments was approximately 165 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%. Our current collateral requirement is approximately \$6.9 million.

**FUEL HEDGING**

In June, in conjunction with its diesel fuel hedging program, Bi-State had a *realized gain* of approximately \$230 thousand and an *unrealized gain* of \$3.5 million on the sale of Home Heating Oil #2 futures contracts. June oil prices ended the month at \$74.15 a barrel, a 14% increase since the end of March. 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.



# BI-STATE DEVELOPMENT - QUARTERLY TREASURER'S REPORT SUMMARY



AS OF:

30-Jun-2018

31-May-2018

30-Apr-2018

	Wt. Avg. Maturity (1)	Dollars (,000 omitted)	Percentage Of Total	Rate	Market Value (2)	Wt. Avg. Maturity (1)	Dollars (,000 omitted)	Percentage Of Total	Rate	Market Value (2)	Wt. Avg. Maturity (1)	Dollars (,000 omitted)	Percentage Of Total	Rate	Market Value (2)
<b>BI-STATE DIRECTED:</b>															
Cash	0	\$5,979	3.7%	0.00%	\$5,979	0	\$10,304	6.4%	0.00%	\$10,304	0	\$5,724	3.5%	0.00%	\$5,724
Repo Agreement/Sweep	3	156	0.1%	1.68%	156	1	3,497	2.2%	1.58%	3,497	1	1,556	0.9%	1.52%	1,556
Certificates of Deposit	131	3,000	1.9%	1.46%	3,000	161	3,000	1.9%	1.46%	3,000	192	3,000	1.8%	1.46%	3,000
U.S. Agencies (discounted)	174	1,476	0.9%	1.56%	1,485	204	1,476	0.9%	1.56%	1,482	235	1,476	0.9%	1.56%	1,480
U.S. Agencies (coupon)	584	36,394	22.7%	1.65%	35,994	614	36,394	22.8%	1.65%	36,030	645	36,394	22.1%	1.65%	35,945
U.S. Treasury Securities	101	18,723	11.7%	1.41%	18,822	131	18,723	11.7%	1.41%	18,788	131	23,693	14.4%	1.42%	23,761
Other Investments (3)	3	94,387	58.9%	1.67%	94,387	1	86,436	54.1%	1.57%	86,436	1	92,974	56.4%	1.52%	92,974
<b>SUB-TOTAL BI-STATE</b>	<b>150</b>	<b>\$160,115</b>	<b>100.0%</b>	<b>1.63%</b>	<b>\$159,823</b>	<b>161</b>	<b>\$159,830</b>	<b>100.0%</b>	<b>1.57%</b>	<b>\$159,537</b>	<b>167</b>	<b>\$164,817</b>	<b>100.0%</b>	<b>1.53%</b>	<b>\$164,440</b>
<b>BI-STATE DIRECTED-PROP M:</b>															
Certificates of Deposit	167	\$1,530	3.3%	1.31%	\$1,530	197	\$1,530	3.3%	1.31%	\$1,530	228	\$1,530	3.4%	1.31%	\$1,530
U.S. Agencies (discounted)	0	0	0.0%	0.00%	0	1	1,999	4.4%	1.08%	2,000	32	1,999	4.4%	1.08%	1,999
U.S. Agencies (coupon)	331	26,710	58.0%	1.43%	26,529	361	26,710	58.2%	1.43%	26,530	392	26,710	58.7%	1.43%	26,488
U.S. Treasury Securities	120	6,962	15.1%	1.75%	6,971	150	6,962	15.2%	1.75%	6,962	181	6,962	15.3%	1.75%	6,952
Other Investments (3)	3	10,832	23.5%	1.69%	10,832	1	8,670	18.9%	1.59%	8,670	1	8,318	18.3%	1.53%	8,318
<b>SUB-TOTAL PROP M</b>	<b>216</b>	<b>\$46,034</b>	<b>100.0%</b>	<b>1.54%</b>	<b>\$45,862</b>	<b>240</b>	<b>\$45,871</b>	<b>100.0%</b>	<b>1.49%</b>	<b>\$45,692</b>	<b>267</b>	<b>\$45,519</b>	<b>100.0%</b>	<b>1.48%</b>	<b>\$45,287</b>
<b>TOTAL BI-STATE DIRECTED</b>	<b>165</b>	<b>\$206,149</b>		<b>1.61%</b>	<b>\$205,685</b>	<b>178</b>	<b>\$205,701</b>		<b>1.55%</b>	<b>\$205,229</b>	<b>189</b>	<b>\$210,336</b>		<b>1.52%</b>	<b>\$209,727</b>
<b>TRUSTEE DIRECTED:</b>															
Cash	0	\$0	0.0%	0.00%	\$0	0	\$0	0.0%	0.00%	\$0	0	\$0	0.0%	0.00%	\$0
Municipal Bonds	1078	8,165	17.7%	2.34%	7,911	1108	8,165	18.6%	2.34%	7,923	1139	8,165	19.8%	2.34%	7,904
U.S. Agencies (coupon)	740	21,691	46.9%	2.19%	21,610	770	21,691	49.3%	2.19%	21,618	801	21,691	52.6%	2.19%	21,570
U.S. Treasury Securities	77	2,489	5.4%	1.00%	2,495	107	2,489	5.7%	1.00%	2,493	138	2,489	6.0%	1.00%	2,491
Bonds	0	0	0.0%	0.00%	0	0	0	0.0%	0.00%	0	0	0	0.0%	0.00%	0
Other Investments (3)	3	13,898	30.1%	1.87%	13,898	1	11,634	26.5%	1.67%	11,634	1	8,920	21.6%	1.61%	8,920
<b>SUB-TOTAL TRUSTEE</b>	<b>538</b>	<b>\$46,243</b>	<b>100.0%</b>	<b>2.00%</b>	<b>\$45,914</b>	<b>586</b>	<b>\$43,979</b>	<b>100.0%</b>	<b>1.96%</b>	<b>\$43,668</b>	<b>647</b>	<b>\$41,265</b>	<b>100.0%</b>	<b>1.96%</b>	<b>\$40,885</b>
<b>TOTAL BI-STATE &amp; TRUSTEE</b>	<b>234</b>	<b>\$252,392</b>		<b>1.68%</b>	<b>\$251,599</b>	<b>250</b>	<b>\$249,680</b>		<b>1.62%</b>	<b>\$248,897</b>	<b>264</b>	<b>\$251,601</b>		<b>1.59%</b>	<b>\$250,612</b>
<b>LRV LEASE1:</b>															
Cash	0	0	0.0%	0.00%	0	0	0	0.0%	0.00%	0	0	0	0.0%	0.00%	0
US Treasury Securities	184	6,878	5.8%	1.25%	6,880	214	6,878	5.9%	1.25%	6,875	245	6,878	5.9%	1.25%	6,869
Other Investments (4)		110,823	94.2%	5.80%	110,823		110,234	94.1%	5.80%	110,234		109,646	94.1%	5.80%	109,646
<b>SUB-TOTAL LRV</b>		<b>\$117,701</b>	<b>100.0%</b>	<b>5.53%</b>	<b>\$117,703</b>		<b>\$117,112</b>	<b>100.0%</b>	<b>5.53%</b>	<b>\$117,109</b>		<b>\$116,524</b>	<b>100.0%</b>	<b>5.53%</b>	<b>\$116,515</b>
<b>Grand Total (5)</b>		<b>\$370,093</b>			<b>\$369,302</b>		<b>\$366,792</b>			<b>\$366,006</b>		<b>\$368,125</b>			<b>\$367,127</b>

## Explanatory Notes:

- (1) Approximate weighted average of days to effective maturity, from last business day of the month.
- (2) Market value of government 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.

Prepared by: Terri Gudowicz Green 8/3/18  
Terri Gudowicz Green, Mgr of Treas Op Date  
Reviewed by: Tammy Fulbright 8/3/18  
Tammy Fulbright, Sr. Dir. of Financial Planning Date  
Approved by: Mark Vago 8/4/18  
Mark Vago, Sr VP & CFO Date



**BI-STATE DEVELOPMENT  
MONTHLY TREASURER'S REPORT- ALL COMPANIES  
BANK / ISSUER SUMMARY as of:**

**6/30/2018**

*Section 1 Bank/Issuer Summary*

<b>BI-STATE DIRECTED *</b> <i>all non debt/lease assets, inc. Prop M:</i>	<b>CASH</b>	<b>CERTIFICATES OF DEPOSIT</b>	<b>REPURCHASE AGREEMENTS</b>	<b>OTHER</b>	<b>GOVERNMENT SECURITIES</b>	<b>COMMERCIAL PAPER\ BA's</b>	<b>TOTAL</b>	<b>MARKET VALUE</b>	<b>NOTES</b>
BANK OF AMERICA MERRILL LYNCH	386,703	0	0	0	0	0	386,703	386,703	FDIC\tri-party collateral(deposits).
BLACK ROCK	0	0	0	41,478,174	0	0	41,478,174	41,478,174	Money Market Fund (Govt. Securities).
COMMERCE BANK	0	1,529,985	0	0	0	0	1,529,985	1,529,985	FDIC\FRB collateral.
FIDELITY	0	0	0	38,117,369	0	0	38,117,369	38,117,369	Money Market Fund (First Tier\Prime)
INVESCO	0	0	0	23,076,065	0	0	23,076,065	23,076,065	Money Market Fund (First Tier\Prime)
JEFFERSON BANK & TRUST	265	0	0	0	0	0	265	265	FDIC; repo collateral held at JBT.
JP MORGAN CHASE	(83,303)	0	0	0	0	0	(83,303)	(83,303)	FDIC (bank acct.)MMKT (First Tier\Prime)
OPTUM	15,429	0	0	0	0	0	15,429	15,429	FDIC\FRB collateral.
BENEFLEX	4,307	0	0	0	0	0	4,307	4,307	FDIC\FRB collateral.
HEALTHSCOPE	28,236	0	0	0	0	0	28,236	28,236	FDIC\FRB collateral.
PNC BANK	5,281,204	0	156,340	0	0	0	5,437,544	5,437,544	FDIC\FRB collateral.
RBC DAIN RAUSCHER	0	0	0	4,752,576	0	0	4,752,576	4,752,576	Commodities Margin Acct. (fuel hedging)
RJ O'BRIEN	0	0	0	(2,206,022)	0	0	(2,206,022)	(2,206,022)	Commodities Trading Acct. (fuel hedging)
RELIANCE BANK	0	3,000,000	0	0	0	0	3,000,000	3,000,000	FDIC\FRB collateral.
UMB BANK	0	0	0	0	0	0	0	0	FDIC\FRB Collateral.
U.S. BANK	(277,055)	0	0	0	0	0	(277,055)	(277,055)	FDIC\FRB Collateral.
FARM CREDIT BANK	0	0	0	0	43,388,217	0	43,388,217	42,949,711	Safekept at Bank of America (BOA).
FEDERAL HOME LOAN BANK	0	0	0	0	21,192,174	0	21,192,174	21,058,238	Safekept at Bank of America (BOA).
U.S. TREASURY	0	0	0	0	25,684,757	0	25,684,757	25,793,279	Safekept by BOA or designated agent.
OTHER	621,991	0	0	0	0	0	621,991	621,991	
<b>sub-total Bi-State directed</b>	<b>5,977,777</b>	<b>4,529,985</b>	<b>156,340</b>	<b>105,218,162</b>	<b>90,265,148</b>	<b>0</b>	<b>206,147,412</b>	<b>205,683,492</b>	
<b>TRUSTEE DIRECTED</b>									
<b>DEBT ISSUES</b>									
<b>Cross County Bonds</b>									
<b>Series 2009, 2013</b>									
<u>BANK OF NEW YORK-MELLON TRUST</u>									
BANK OF NEW YORK	0	0	0	0	0	0	0	0	FDIC Insured.
GOLDMAN	0	0	0	13,897,961	0	0	13,897,961	13,897,961	Money Market Fund (First Tier\Prime).
FEDERATED GOVT OBLIG	0	0	0	0	0	0	0	0	Safekept at Bank of New York
MORGAN STANLEY	0	0	0	0	0	0	0	0	Safekept at Bank of New York
GOVERNMENT AGENCIES	0	0	0	0	21,691,058	0	21,691,058	21,610,012	Safekept at Bank of New York
MUNICIPAL BONDS	0	0	0	0	8,165,315	0	8,165,315	7,911,361	Safekept at Bank of New York
U.S. TREASURY	0	0	0	0	2,488,779	0	2,488,779	2,495,200	Safekept at Bank of New York
<b>sub-total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,897,961</b>	<b>32,345,152</b>	<b>0</b>	<b>46,243,113</b>	<b>45,914,534</b>	
<b>SUB-TOTAL TRUSTEE (BONDS)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>13,897,961</b>	<b>32,345,152</b>	<b>0</b>	<b>46,243,113</b>	<b>45,914,534</b>	
<b>SUB-TOTAL BI-STATE AND TRUSTEE</b>	<b>5,977,777</b>	<b>4,529,985</b>	<b>156,340</b>	<b>119,116,123</b>	<b>122,610,300</b>	<b>0</b>	<b>252,390,525</b>	<b>251,598,026</b>	
<b>LRV Lease\Leaseback 2001 C1 C2</b>									
FSA\AIG	0	0	0	110,822,942	0	0	110,822,942	110,822,942	Guaranteed Investment Contract (GIC).
US TREASURY	875	0	0	0	6,878,334	0	6,879,209	6,880,568	Safekept by Lease Trustee.
<b>sub-total</b>	<b>875</b>	<b>0</b>	<b>0</b>	<b>110,822,942</b>	<b>6,878,334</b>	<b>0</b>	<b>117,702,151</b>	<b>117,703,510</b>	
<b>sub-total leases</b>	<b>875</b>	<b>0</b>	<b>0</b>	<b>110,822,942</b>	<b>6,878,334</b>	<b>0</b>	<b>117,702,151</b>	<b>117,703,510</b>	
<b>GRAND TOTAL</b>	<b>\$5,978,652</b>	<b>\$4,529,985</b>	<b>\$156,340</b>	<b>\$229,939,065</b>	<b>\$129,488,634</b>	<b>\$0</b>	<b>\$370,092,676</b>	<b>\$369,301,536</b>	

\* Please refer to Pages 5 and 10 for explanatory notes and credit ratings.

+ ABBREVIATIONS (above):

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.

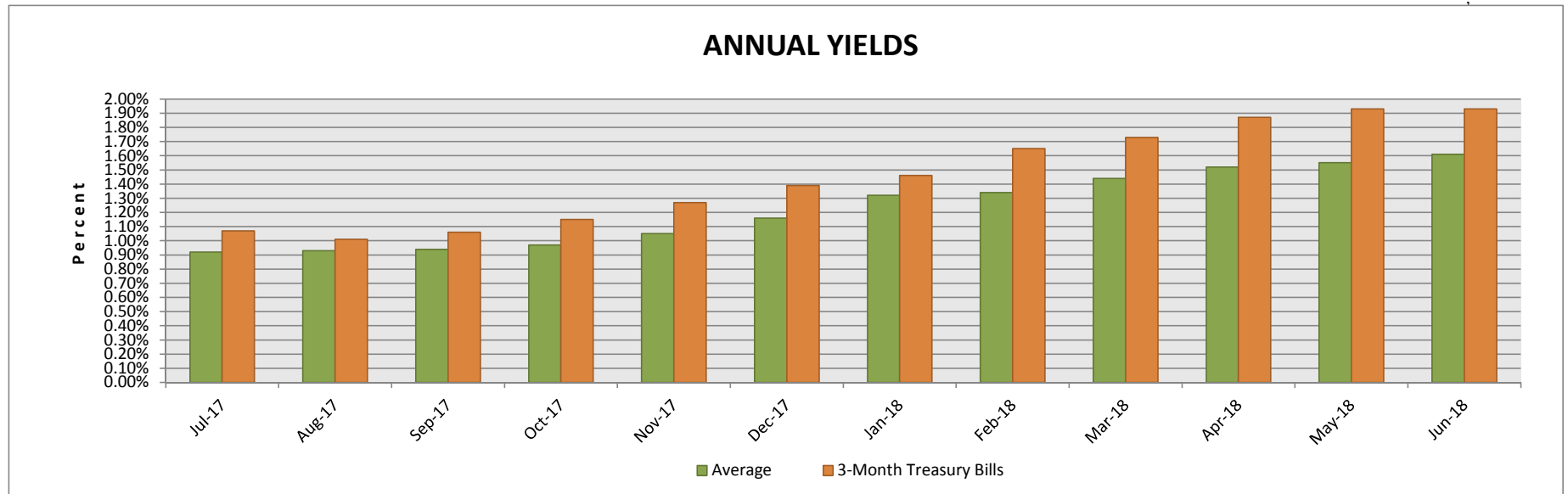
**A1-P1** Commercial Paper issues rated "A-1" by Standard and Poor's and "P-1" by Moody's have the greatest capacity for timely payment (least risk). Bi-State's investment policy permits purchase of A2-P2 commercial paper from issuers with a business presence in the St. Louis region.



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

<b>Funds (ooo's omitted)</b>	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Bi-State Investments	142,764	127,236	155,802	152,006	146,422	163,198	160,844	170,607	160,952	164,817	159,830	<b>160,115</b>
Bi-State Prop M Investments	47,121	47,139	47,252	47,120	47,185	47,255	47,373	47,220	47,429	45,519	45,871	<b>46,034</b>
Total	189,885	174,375	203,054	199,126	193,607	210,453	208,217	217,827	208,381	210,336	205,701	<b>206,149</b>
Trustee Investments	53,922	57,633	53,038	36,642	39,362	41,667	44,201	46,677	49,027	41,265	43,979	<b>46,243</b>

<b>Yields\Rates Information</b>	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18
Bi-State	0.86%	0.87%	0.89%	0.93%	1.03%	1.16%	1.32%	1.34%	1.44%	1.53%	1.57%	<b>1.63%</b>
Prop M	1.10%	1.10%	1.11%	1.11%	1.12%	1.15%	1.31%	1.32%	1.42%	1.48%	1.49%	<b>1.54%</b>
<b>Average</b>	<b>0.92%</b>	<b>0.93%</b>	<b>0.94%</b>	<b>0.97%</b>	<b>1.05%</b>	<b>1.16%</b>	<b>1.32%</b>	<b>1.34%</b>	<b>1.44%</b>	<b>1.52%</b>	<b>1.55%</b>	<b>1.61%</b>
Trustee	1.29%	1.37%	1.34%	1.52%	1.43%	1.79%	1.76%	1.88%	1.91%	1.96%	1.96%	<b>2.00%</b>
<b>3-Month Treasury Bills</b>	<b>1.07%</b>	<b>1.01%</b>	<b>1.06%</b>	<b>1.15%</b>	<b>1.27%</b>	<b>1.39%</b>	<b>1.46%</b>	<b>1.65%</b>	<b>1.73%</b>	<b>1.87%</b>	<b>1.93%</b>	<b>1.93%</b>
1 Year Treasury	1.23%	1.23%	1.31%	1.43%	1.62%	1.76%	1.90%	2.07%	2.09%	2.24%	2.23%	<b>2.33%</b>
Fed Funds (target)	1.25%	1.25%	1.25%	1.25%	1.25%	1.50%	1.50%	1.50%	1.75%	1.75%	1.75%	<b>2.00%</b>
20-Year Municipals	3.52%	3.51%	3.64%	3.65%	3.59%	3.44%	3.72%	3.85%	3.89%	3.97%	3.78%	<b>3.87%</b>
SIFMA (BMA) Index (month end)	0.82%	0.79%	0.94%	0.92%	0.97%	1.71%	1.08%	1.09%	1.59%	1.61%	1.06%	<b>1.51%</b>





## Diesel Fuel Hedging Program - FY 2018

	<b>Diesel Fuel Budget \ Actual Comparison:</b>	<b>Jun-18</b>	<b>Year to Date</b>	<b>Life to Date</b>
a	Gallons consumed-actual	486,994	5,419,879	85,081,243
b=(c/a)	Average cost per gallon-actual	\$ 2.28	\$ 2.00	\$ 2.10
c	<b>Total Diesel Fuel Cost-Actual</b>	<b>\$ 1,110,639</b>	<b>\$ 10,835,796</b>	<b>\$ 178,846,983</b>
d	Gallons consumed- budget	472,557	5,648,616	88,964,521
e=(f/d)	Average cost per gallon- budget	\$ 1.83	\$ 1.83	\$ 2.32
f	<b>Total Diesel Fuel Cost- Budget</b>	<b>\$ 864,779</b>	<b>\$ 10,336,967</b>	<b>\$ 206,495,405</b>
g=(f-c)	<b>Budget Variance (Unfavorable)</b>	<b>\$ (245,860)</b>	<b>\$ (498,829)</b>	<b>\$ 27,648,422</b>
h	<b>Realized Futures Gains (Losses)</b>	<b>\$ 229,488</b>	<b>\$ 1,569,838</b>	<b>\$ (1,149,177)</b>
i=(c-h)	<b>Net Cost of Fuel</b>	<b>\$ 881,151</b>	<b>\$ 9,265,958</b>	<b>\$ 179,996,160</b>
j=(i-f)	<b>Net Budget Variance (Unfavorable)</b>	<b>\$ (16,372)</b>	<b>\$ 1,071,009</b>	<b>\$ 26,499,245</b>
j=(i/f)	Net Cost of Fuel, Per Gallon, inc. Hedge	\$ 1.81	\$ 1.71	\$ 2.12
k=(e-i)	Net Budget Variance Per Gallon	\$ 0.02	\$ 0.12	\$ 0.21
<b>Futures Activity:</b>		<b>Price of Barrel of Oil:</b>		
	Futures Contracts Purchased	12	<b>Date</b>	<b>Price</b>
	Futures Contracts Sold	20	02/28/2018	\$ 61.64
	Futures Contracts Net Change at month end	(8)	03/30/2018	\$ 64.94
	Total Open Futures Contracts, at month end	144	04/30/2018	\$ 67.25
	Futures Contracts Unrealized Gain/(Loss) *	\$3,468,280	05/31/2018	\$ 67.04
	(% of Estimated Future Consumption)	79%	06/30/2018	\$ 74.15

\* = 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 Jul 2018 through Dec 2019 (18 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 2018**

Item	Investment:	Par Amount	Settled	Maturity Date	Term(days)	Yield	Purchased From	Fund
*Note: There were no new investment purchases in June.								
	<b>Total</b>	\$ -						

**Notes:**  
 \* Investments with an original term of over 14 days.



**Bi-State Development Agency dba Metro**  
**Credit Ratings of Financial Institutions (see also page 5)**

Depository Banks:	Long-Term Debt Rating			Short-Term Debt Rating			Fitch Bank Rating
	S&P	Moody's	Fitch	S&P	Moody's	Fitch	
Bank of America, N.A.	A+	Aa3	AA	A-1	P-1	F1+	NA
Commerce Bank	A	A2		A-1	P-1		NA
PNC Bank	A	Aa2	AA-	A-1	P-1	F1+	NA
<b>Trust Companies:</b>							
Bank of New York Mellon Trust	AA-	Aa1	AA+	A-1+	P-1	F1+	NA
<b>Money Market Funds:</b>	<b>S&amp;P</b>			<b>Moody's</b>			
Black Rock Fed Trust	AAAm			Aaa-mf			
Black Rock Temp	AAAm			Aaa-mf			
Black Rock T Fund	AAAm			Aaa-mf			
FFI Treasury Fund	AAAm			Aaa-mf			
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			
<b>Other:</b>	<b>Long-Term Debt Rating</b>						
	<b>S&amp;P</b>	<b>Moody's</b>	<b>Fitch</b>				
AIG (2001 LRV Lease)	A+	A2	A+	<b>NA = Fitch overall bank ratings or LT debt ratings have been withdrawn</b>			
U.S. Treasury	AA+	Aaa	AAA				
Federal Home Loan Bank (FHLB)	AA+	Aaa					
Federal Farm Credit Bank (FCB)	AA+	Aaa	AAA				



Bi-State Development				
Mass Transit Sales Tax Appropriation Cross-County Bonds & St Louis County Loan				
Series	2009	2013		Total Cross County
	Refunding	2013A Bonds	2013B Loan	
Issue date	9-Nov-09	1-Aug-13	1-Aug-13	
Principal (original)	\$97,220,000	\$381,225,000	\$75,000,000	
<b>Principal (currently outstanding)</b>	<b>\$97,220,000</b>	<b>\$290,835,000</b>	<b>\$135,000,000</b>	<b>\$523,055,000</b>
Lien on 1\4 cent Prop M, Prop M2, Prop A tax	Senior	Senior	Subordinate	
Stand alone credit rating (S&P\Moody's)	AA+\Aa3	AA+\Aa2	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 &10/1)	April, October	April, October	April, October	
<b>Annual debt service:</b>				
<b>Interest - FY 2018</b>	<b>\$4,767,975</b>	<b>\$14,140,812</b>	<b>\$1,413,000</b>	<b>\$20,321,787</b>
<b>Principal - (Previous payment 10/1/17 - \$8,275,000) (next payment 10/1/18 - \$9,030,000)</b>	<b>\$0</b>	<b>\$9,030,000</b>	<b>\$0</b>	<b>\$9,030,000</b>
<b>total princ.&amp;int.</b>	<b>\$4,767,975</b>	<b>\$23,170,812</b>	<b>\$1,413,000</b>	<b>\$29,351,787</b>
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

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**To:** Audit, Finance and Administration Committee

**From:** Gregory A. Smith  
Vice President Purchasing and Materials Management

**Date:** August 6, 2018

**Subject:** **Quarterly Procurement Activity Report**  
**Fourth Quarter Fiscal Year 2018**

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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**

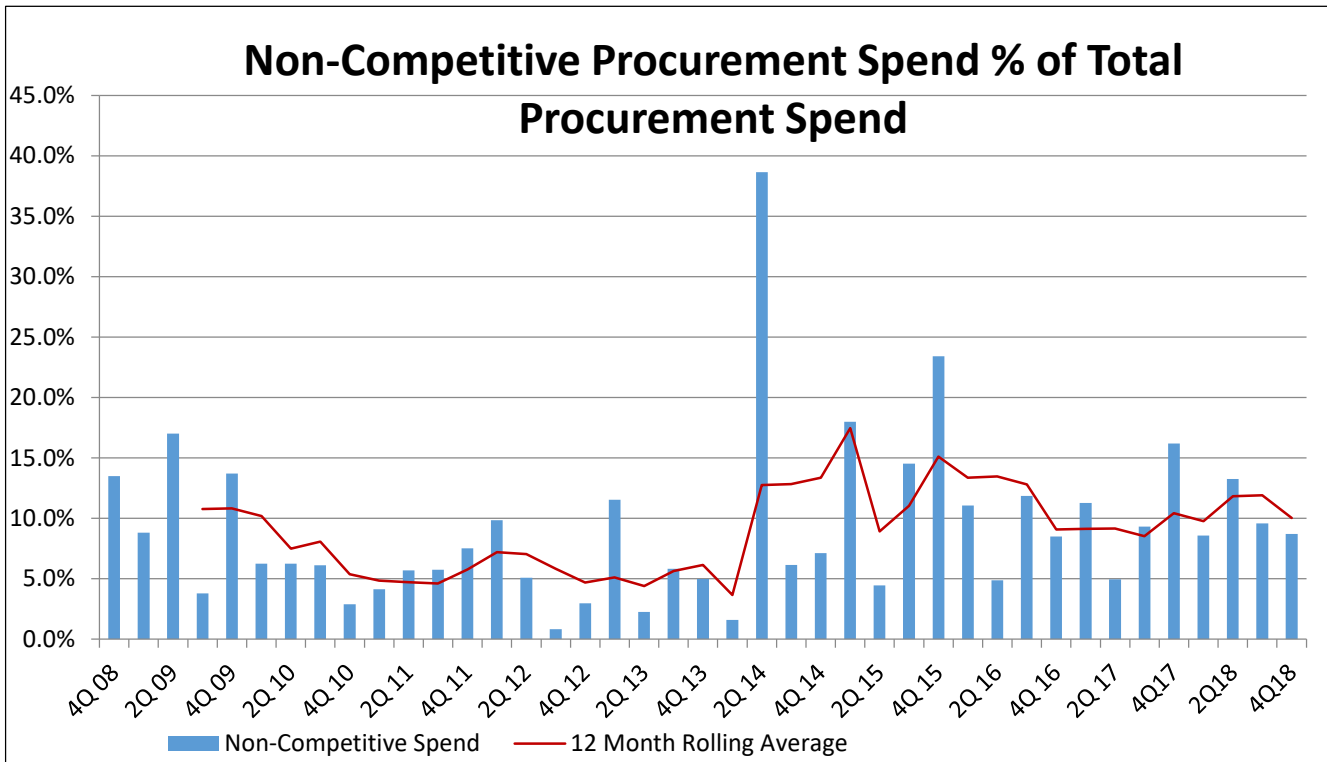
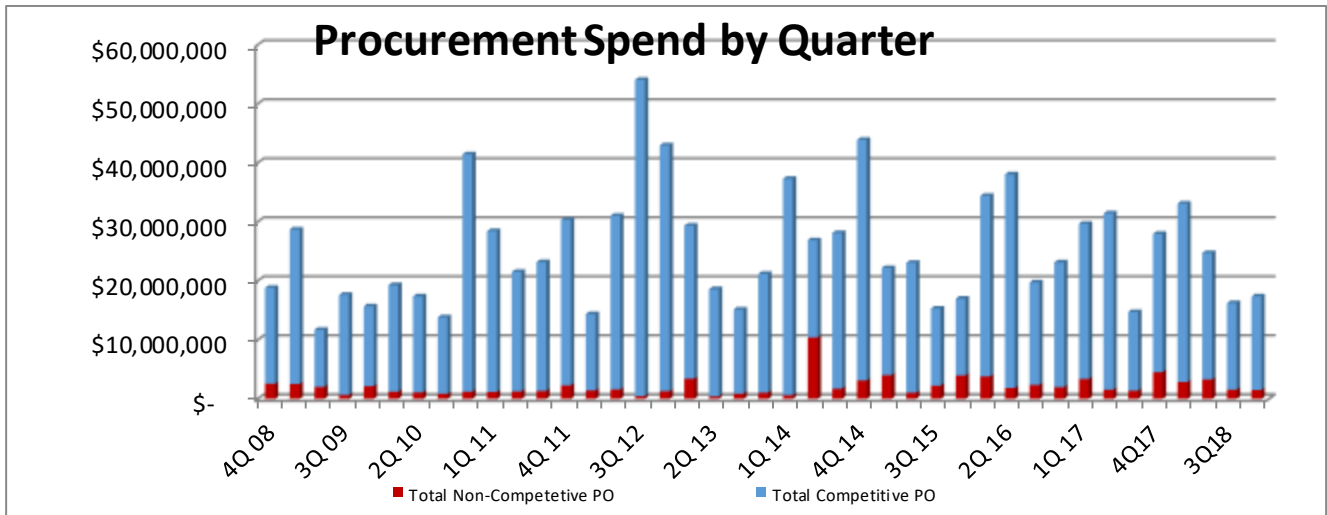
BSD’s Procurement Department administers a Procurement Card Program, which provides a means for cardholders to procure low-dollar goods and services independently. This program reduces the administrative burden of processing Purchase Orders and Check Requests for small dollar purchases (typically less 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 FY2018**

Fourth Quarter 2018 Non-Competitive Procurements totaled \$1,512,433 or 8.7% of total Purchase Order Commitment volume of \$17,366,397. Rolling last 12 months Non-Competitive Procurements totaled \$9,173,181 or 10.0% of total Purchase Order Commitment volume of \$91,397,548.





**CONTRACT AWARDS EXCEEDING \$100,000**

**JULY 1, 2017 -JUNE 30, 2018**

Number	Rev	Description	Type	Order Date	Supplier	Amount	Buyer	Closure Status	DBE Goal
59247	0	18-SB-104750-BH Purchase & Delivery of Ultra Low Sulfur #2 Diesel and B5 Biodiesel, Two Base Years, Period of Performance March 1, 2018 - February 28, 2020	Contract Purchase Agreement	03/02/18	MANSFIELD OIL COMPANY	\$ 30,000,000	Howard, Bryan L	Open	0
58802	0	18-SB-104598-TJ Fleet Tire Requirement, 5 Base Years, Period of Performance December 2, 2017 - December 1, 2022	Contract Purchase Agreement	01/18/18	BRIDGESTONE/FIRESTONE INC	\$ 7,474,918	Johnson, Theresa	Open	0
57563	0	17-SB-104151-DGR Boyle Avenue Station & Central West End Platform Extension Package 2 - Track Period of Performance September 2017 through September 2018	Contract Purchase Agreement	09/11/17	RAILWORKS TRACK SERVICES INC	\$ 1,808,394	Ramsay, David George	Open	7%
59362	0	18-RFP-104788-DGR ML Structures Inspection Program Engineering Services Two Base Years with Three, One Year Options Period of Performance March 2018 through March 2023	Contract Purchase Agreement	03/13/18	JUNEAU ASSOCIATES INC P C	\$ 1,782,223	Ramsay, David George	Open	16%
60198	0	18-SB-104998-SG Metro Armored Car Services, Three Base Years and Two Option Years June 1,2018 - May 31, 2023	Contract Purchase Agreement	06/13/18	LOOMIS ARMORED US INC	\$ 1,162,526	Griffin, Sandra P	Open	0
59703	0	18-SB-104858-SG Bus Shelter/Transit Center Cleaning, Two Base Years and Three Option Years, Period of Performance is April 1, 2018 to March 31, 2023	Contract Purchase Agreement	04/13/18	MERS/GOODWILL	\$ 983,906	Griffin, Sandra P	Open	10%
56973	0	17-SB-104152-CB Boyle Station-CWE Platform Extension - Pkg. 3 - Signals, Period of Performance July , 2017 - July 31, 2018	Standard Purchase Order	07/20/17	WISSEHR ELECTRIC, INC	\$ 726,787	Bonds, Charcita M	Open	0
57793	0	17-RFP-104062-MD Mobile Data Terminal Replacement for Call-A-Ride (CAR) Fleet, Period of Performance October 2, 2017 -October 1, 2022	Contract Purchase Agreement	10/03/17	TRAPEZE SOFTWARE GROUP INC	\$ 634,129	Dillard, Marian Denise	Open	0
57021	4	17-SB-104164-BH Brentwood Bus Cleaning 2 base years and 3 options years July 29, 2017 - July 30, 2022	Contract Purchase Agreement	07/24/17	INNEX SERVICE CO INC	\$ 598,712	Howard, Bryan L	Open	11%
58375	0	18-SB-104767-CG Fire Extinguisher Services, Three Base Years and Two Option Years, Period of Performance Decermber 7, 2017 - December 6, 2020	Contract Purchase Agreement	12/05/17	WEBER FIRE & SAFETY EQUIP. CO INC.	\$ 592,296	Gates, Carol Renee	Open	0
57137	0	17-SB-104153-CG Boyle Avenue Station and Central West End Platform Extension Package 4-Communications, Period of Performance August 18, 2017 - January 18, 2018	Contract Purchase Agreement	08/03/17	SACHS ELECTRIC	\$ 540,645	Gates, Carol Renee	Open	9%
58140	0	18-SB-104684-SG MetroLink Manual Ticket Sales/Revenue Services Period of Performance November 16, 2017 - November 15, 2020.	Contract Purchase Agreement	11/10/17	ABOVE ALL PERSONNEL	\$ 525,545	Griffin, Sandra P	Open	7%
59718	0	18-SB-104724-BH DeBaliviere Bus Cleaning Svc, One Base Year with Four Option Years, Period of Performance April 14, 2018 - April 13, 2023	Contract Purchase Agreement	04/16/18	MERS/GOODWILL	\$ 517,148	Howard, Bryan L	Open	10%



**CONTRACT AWARDS EXCEEDING \$100,000**  
**JULY 1, 2017 -JUNE 30, 2018**

Number	Rev	Description	Type	Order Date	Supplier	Amount	Buyer	Closure Status	DBE Goal
59539	0	Sole Source Trapeze Annual Hardware and Software Maintenance One Year May 1, 2018 to April 30, 2019	Standard Purchase Order	03/30/18	TRAPEZE SOFTWARE GROUP	\$ 514,292	Griffin, Sandra P	Open	0
57216	0	Sole Source Transit Master Annual Maintenance Agreement 07 01 17 - 06 30 18	Standard Purchase Order	08/10/17	TRAPEZE SOFTWARE GROUP	\$ 457,584	Hill, Diana L	Closed	0
58740	0	18-RFP-104572-SG Metro Mass Transit Consultant Five (5) Contract Years, Period of Performance December 18, 2017 to December 17, 2022	Contract Purchase Agreement	01/12/18	IMG REBEL ADVISORY, INC	\$ 395,349	Griffin, Sandra P	Open	15%
59748	0	18-RFP-104845-DR - Northside-Southside Transit-Oriented Development Planning Study - Period of Performance: May 1, 2018 - April 30, 2019	Standard Purchase Order	04/18/18	FARR ASSOCIATES ARCHITECTURE AND URBAN DESIGN, P. C.	\$ 375,000	Rowey, Deborah M	Open	10%
59552	2	18-RFQ-105112-CB, Purchase Unleaded Gasoline, Period of Performance April 3, 2018 - September 30, 2018	Standard Purchase Order	04/02/18	PETROLEUM TRADERS CORPORATION	\$ 355,684	Bonds, Charcita M	Open	0
60071	2	18-SB-105002-BH Illinois Bus Cleaning Svc, One Base Year with Four Option Years, Period of Performance June 1, 2018 - May 31, 2023	Contract Purchase Agreement	05/22/18	INNEX SERVICE CO INC	\$ 348,046	Howard, Bryan L	Open	10%
58357	0	17-RFP-104440-DGR Talent Management Solution, Three Base Years with Two - One Year Options, Period of Performance December 2017 through December 2022.	Contract Purchase Agreement	12/05/17	SABA HALOGEN	\$ 342,537	Ramsay, David George	Open	0
56917	1	17-RFP-104061-CB Accounts Payable Automation System, Three Base Years and Five Option Years, Period of Performance July 14, 2017 - July 13, 2025	Contract Purchase Agreement	07/14/17	DATASERV LLC	\$ 327,429	Bonds, Charcita M	Open	0
59129	0	18-SB-104776-DGR JNEM Site Signage 4 month contract from March 2018 through June 2018	Contract Purchase Agreement	02/21/18	HARLAN COMPANY (THE)	\$ 316,900	Ramsay, David George	Open	0
59803	0	Sole Source: SafeTrek Mobile App-Software Development, Period of Performance March 14, 2018 thru March 13, 2019	Standard Purchase Order	04/26/18	SAFETREK, INC	\$ 300,000	Bonds, Charcita M	Open	0
57077	1	17-SB-104494-CB, Repair & Replace Concrete at DeBaliviere Bus Facility, 120 calendar days, Period of Performance August 10, 2017 - December 18, 2017	Contract Purchase Agreement	07/28/17	L. KEELEY CONSTRUCTION CO	\$ 287,928	Bonds, Charcita M	Open	3%
60363	0	RFQ 14-RFQ-99305-DH - Option Quantities of LRV Batteries	Standard Purchase Order	06/27/18	HBL AMERICA INC	\$ 279,054	Hill, Diana L	Open	0
57144	0	17-SB-104091-TJ Illinois Facility Cleaning , Period of Performance August 14, 2017 - August 13, 2018	Standard Purchase Order	08/04/17	MERS/GOODWILL	\$ 257,550	Johnson, Theresa	Open	10%



**CONTRACT AWARDS EXCEEDING \$100,000**

**JULY 1, 2017 -JUNE 30, 2018**

Number	Rev	Description	Type	Order Date	Supplier	Amount	Buyer	Closure Status	DBE Goal
59668	0	18-RFP-103593-DGR CM/GC for Union Station Tunnel Period of Performance April, 2018 through November, 2019	Contract Purchase Agreement	04/11/18	KIEWIT INFRASTRUCTURE CO	\$ 241,944	Ramsay, David George	Open	0
60268	0	Letter of Agreement re: Regional Freight Project, Period of Performance April 1, 2018 thru March 31, 2020	Standard Purchase Order	06/19/18	THE JERRY COSTELLO GROUP, LLC	\$ 240,000	Bonds, Charcita M	Open	0
57861	0	17-SB-104294-TJ St. Clair Yards & Shop Facility Cleaning,Two Base Years with Three Option Years, Period of Performance September 29, 2017 - September 28, 2022	Contract Purchase Agreement	10/09/17	MERS/GOODWILL	\$ 219,963	Johnson, Theresa	Open	10%
60272	0	18-SB-105153-CG Rehab & Overlay Repair-BSD Illinois Bus Facility Training Lot Period of Performance July 2, 2018 - October 2, 2018	Contract Purchase Agreement	06/20/18	BYRNE & JONES CONSTRUCTION INC	\$ 211,900	Gates, Carol Renee	Open	8%
58807	0	18-RFQ-104895-SG Food, Beverage, Produce, Cleaning and Kitchen Supplies for Riverboats or Dock One (1) Yr Contract January 1, 2018 to December 31, 2018	Standard Purchase Order	01/18/18	US FOODSERVICE INC	\$ 210,000	Griffin, Sandra P	Open	0
59548	1	15-RFQ-101034-SM/DW STL Downtown Airport A&E - Task Order 6 Taxiway Bravo Relocation Phase One Fillet Improvements	Standard Purchase Order	04/02/18	HANSON PROFESSIONAL SERVICES INC.	\$ 201,952	Wright, Diane	Open	0
59671	1	18-SB-104863-TJ Civic Center Facility Cleaning, Period of Performance April 1, 2018 - March 31, 2019	Contract Purchase Agreement	04/12/18	KATSAM LLC	\$ 198,857	Johnson, Theresa	Open	9%
57636	0	17-RFP-104090-LIGHT RAIL VEHICLE WRAPPING OF TRAINS	Contract Purchase Agreement	09/18/17	INDEPENDENTS GRAPHIC & DISPLAY, LLC	\$ 191,664	Johnson, Theresa	Open	0
59254	1	18-SB-104936-DH Half Ton Crew Cab Trucks	Standard Purchase Order	03/02/18	DON BROWN CHEVROLET BUICK	\$ 172,746	Hill, Diana L	Open	0
60365	1	18-SB-105068-2 Sole Source One Time Buy of 8 Sedans	Standard Purchase Order	06/27/18	DON BROWN CHEVROLET BUICK	\$ 171,120	Hill, Diana L	Open	0
58666	0	18-RFP-104576-SG Passenger Counting & Surveying, One Base Year and Two Option Years, Period of Performance is October 5, 2017 - October 4, 2020	Contract Purchase Agreement	10/05/17	ABOVE ALL PERSONNEL	\$ 165,800	Griffin, Sandra P	Open	10%
60293	1	16-RFP-102703-SG Testing of Fire Protection Systems, Two Base Years and Three Option Years, Period of Performance May 31, 2016 to May 30, 2021	Contract Purchase Agreement	06/21/18	GATEWAY FIRE PROTECTION SYSTEMS INC	\$ 163,349	Griffin, Sandra P	Open	0
58678	0	18-RFP-104818-CG Systemwide Signage & Wayfinding Design Project, One Base Base Year, Period of Performance, January 8, 2018 - January 7, 2019	Contract Purchase Agreement	01/04/18	FOUND DESIGN LLC	\$ 159,784	Gates, Carol Renee	Open	0



**CONTRACT AWARDS EXCEEDING \$100,000**  
**JULY 1, 2017 -JUNE 30, 2018**

Number	Rev	Description	Type	Order Date	Supplier	Amount	Buyer	Closure Status	DBE Goal
59903	0	18-SS-105185-DW, Construction Management Service St. Louis Gateway Arch and Old Courthouse, One Year and One Option Year, Period of Performance May 1, 2018 - April 30, 2019.	Contract Purchase Agreement	05/04/18	JOHN RIPPY	\$ 150,000	Wright, Diane	Open	0
59784	0	18-RFP-105149-DR - Budget Software Implementation Specialist - Task Order 7 -Period of Performance: April 30, 2018 - February 28, 2019	Standard Purchase Order	04/23/18	RANDSTAD NORTH AMERICA, LP	\$ 150,000	Rowey, Deborah M	Open	0
59957	0	18-SB-104987-TJ Oil Testing & Analysis , Five Base Years, Period of Performance May 1, 2018 - April 30, 2023	Contract Purchase Agreement	05/10/18	EUROFINS LANCASTER LABORATORIES, INC	\$ 143,625	Johnson, Theresa	Open	0
59447	0	18-SB-104831-MD Phase 5 ADA Missoui MetroBus Stop Enhancement Project	Standard Purchase Order	03/20/18	RAINERI CONSTRUCTION, LLC	\$ 143,336	Dillard, Marian Denise	Open	0
57721	0	17-RFQ-104495-MD PCI Network Design & Implementation, Period of Performance September 28, 2017 - September 27, 2018	Standard Purchase Order	09/26/17	UBERLEGEN TECHNOLOGY GROUP	\$ 140,000	Dillard, Marian Denise	Open	0
59853	0	18-SB-104566-TJ Alternate Transit Service Van Cleaning, Two base Years with Three Option Years, Period of Performance May 1, 2018 - April 30, 2023	Contract Purchase Agreement	05/02/18	WORLD MANAGEMENT, INC	\$ 139,920	Johnson, Theresa	Open	10%
57129	0	17-SB-104518-CG Demolition of existing Railroad Yard Office - 412 South Sarah Street - Period of Performance August 3, 2017 - November 2, 2017	Contract Purchase Agreement	08/02/17	SPIRTAS WRECKING COMPANY	\$ 129,900	Gates, Carol Renee	Open	3%
58471	0	Kronos Annual Maintenance for Depot Service on Clocks, Timekeeper, Attendance, and Leave softwear. Period 1/23/2018 - 1/22/2019	Standard Purchase Order	12/13/17	KRONOS	\$ 125,713	Dillard, Marian Denise	Open	0
57156	1	16-RFP-102111-CG On-Call GEC Services/Multiple Disciplines-Task Order 10 Wellston Station Hydraulic Analyst and Construction Drawings, Period of Performance August 4, 2017 - October 4, 2017	Standard Purchase Order	08/04/17	JACOBS ENGINEERING GROUP INC	\$ 125,696	Gates, Carol Renee	Open	0
59750	1	Catenary Poles Project 2109	Standard Purchase Order	04/19/18	VSI SALES, LLC	\$ 121,194	Hill, Diana L	Open	0
58809	0	18-RFQ-104895-SG Food, Beverage, Produce, Cleaning and Kitchen Supplies for Riverboats or Dock One (1) Yr Contract January 1, 2018 to December 31, 2018	Standard Purchase Order	01/18/18	SYSCO ST LOUIS LLC	\$ 120,500	Griffin, Sandra P	Open	0
59024	0	Project 1997 Veeder Root - Underground Tanks Illinois. Rehab of ILL Facility Fuel Lines and Upgrade of Fuel Monitoring System	Standard Purchase Order	02/09/18	SUPERIOR ACQUISITION LLC	\$ 119,340	Howard, Bryan L	Open	0
60415	0	18-RFP-104933-DR - Gateway Arch Public Relatons / Communications Agency Services - Base Year 1 - Period of Performance: October 24, 2018 - October 23, 2019	Standard Purchase Order	06/29/18	COMMON GROUND PUBLIC RELATIONS, INC.	\$ 115,000	Rowey, Deborah M	Open	21%



**CONTRACT AWARDS EXCEEDING \$100,000**  
**JULY 1, 2017 -JUNE 30, 2018**

Number	Rev	Description	Type	Order Date	Supplier	Amount	Buyer	Closure Status	DBE Goal
59815	0	18-RFQ-105059-MD Emerson Park and Fairview Height Z-Gate Crossing, Period of Performance May 1, 2018 - August 1, 2018	Standard Purchase Order	04/26/18	HARLAN COMPANY (THE)	\$ 111,700	Dillard, Marian Denise	Open	0
59470	1	Logrhythm System Monitor Pro Advanced and 3 Years of Standard Support Services March 26, 2018 - March 25, 2019 - Awarded under GSA Contract	Standard Purchase Order	03/23/18	NEWBERRY GROUP INC (THE)	\$ 111,366	Wright, Diane	Closed	0
58141	0	Professional Services to assist NPS and Park Partners in facility and program planning, construction and implementation related to the CityArchRiver2015 Project	Standard Purchase Order	11/08/17	TARA ANN RATH	\$ 105,000	Gates, Carol Renee	Open	0
59256	1	18-SB-104937-DH Half Ton Extended Cab Trucks	Standard Purchase Order	03/02/18	DON BROWN CHEVROLET BUICK	\$ 104,268	Hill, Diana L	Open	0
59936	0	Two (2) Digital Displays for Boyle/CWE MetroLink Station - Facilities	Standard Purchase Order	05/09/18	SYNC CITY LLC	\$ 103,990	Rowey, Deborah M	Open	0
58394	0	Sole Source: Coventry Healthcare of MO Medicare Monthly EE (Medicare) Invoices - Period of Performance: Jan. 1, 2018 - Dec. 31, 2018	Standard Purchase Order	12/06/17	UNITEDHEALTHCARE INSURANCE CO	\$ 103,000	Rowey, Deborah M	Open	0
57863	0	Sole Source Trapeze Software Group - Fixed Route Agency Split and Modified Rail Service	Standard Purchase Order	10/09/17	TRAPEZE SOFTWARE GROUP	\$ 100,295	Griffin, Sandra P	Open	0
58614	0	18-SS-104906-CB Temporary Shoring of Union Station Tunnel - Emergency Services	Standard Purchase Order	12/27/17	L. KEELEY CONSTRUCTION CO	\$ 100,000	Bonds, Charcita M	Open	0
58704	0	18-RFP-104536-DGR On-Call Consulting Services for the St. Louis Regional Freightway	Contract Purchase Agreement	11/17/17	COLLIERS INTERNATIONAL ST. LOUIS LLC	\$ 100,000	Ramsay, David George	Open	0



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
13-RFP-5980-SG		14	Security & Fare Enforcement Services	Exercise Option Yr 2	Securitas Security Services USA, Inc.	10%	\$ 3,235,705	\$ 13,324,304	08/18/17	\$ 5,376,676	\$ 21,936,684	Operations	0	0
10-RFP-5648-DH		9	Farebox Collection System	Change Order for Additional Training	Scheidt & Bachmann	7%	\$ 9,976,369	\$ 598,983	01/25/18	\$ 10,400	\$ 10,585,752	MO-90-X296 Prop M SCCTD	0	0
10-RFP-5648-DH		8	Farebox Collection System	Miscellaneous Changes and Allowances /Credits	Scheidt & Bachman	7%	\$ 9,976,369	\$ 570,157	12/22/17	\$ 28,826	\$ 10,575,352	MO-04-0113 MO-90-X231 MO-90-X296 PROP M SCCTD	0	0
10-RFP-5648-DH		7	Farebox Collection System	Change in Scope	Scheidt & Bachmann	7%	\$ 9,976,369	\$ 378,987	10/20/17	\$ 191,170	\$ 10,546,526	MO-04-0113 Prop M SCCTD	0	0
13-SB-5879-TJ		4	Fleet Tire Requirement	Time Extension Additional Funds Additional Work	Bridgestone Tires	0%	\$ 8,626,806	\$ 1,142,668	09/19/17	\$ 522,954	\$ 10,292,429	Operations	180	2
16-SB-102360-CB		7	Metro Downtown Transit Center	Additional Work	KCI Construction Co.	29%	\$ 7,267,000	\$ 1,053,633	11/07/17	\$ 56,427	\$ 8,377,060	MO-90-X296	90	1
16-SB-102360-CB		6	Metro Downtown Transit Center	Time extension Additional Work	KCI Construction Co.	29%	\$ 7,267,000	\$ 660,556	09/08/17	\$ 393,077	\$ 8,320,633	MO-90-X296	90	1
14-SB-99550-SM/CG		4	MetroLink Station Cleaning	Additional Work	Katsam Enterprises	27%	\$ 5,770,470	\$ 1,965,451	03/28/18	\$ 15,750	\$ 7,751,671	Operations	0	0
14-SB-99550-SM/CG		3	MetroLink Station Cleaning	Exercise Option Yr 1	Katsam Enterprises	27%	\$ 5,770,470	\$ 35,000	09/21/17	\$ 1,930,451	\$ 7,735,921	Operations	0	0
17-SB-104149- DR		2	Boyle Ave.CWE MetroLink Station - Facilities Mod 2	Additional Work	L. Keeley Construction	0%	\$ 6,405,349	\$ (187,088)	04/26/18	\$ 68,178	\$ 6,286,439	MO-79-X004 an Cortex	0	0
17-SB-104149- DR		1	Boyle Ave.CWE MetroLink Station - Facilities Mod 1	Credit Change Order	L. Keeley Construction	0%	\$ 6,405,349	\$ -	04/26/18	\$ (187,088)	\$ 6,218,261	MO-79-X004 an Cortex	0	0
16-SB-101993-CB		5	Jefferson National Expansion Memorial Arch Transportation System Motor-Generator Set Replacement	Additional Work	The Harlan Company	0%	\$ 5,002,100	\$ 595,400	05/09/18	\$ 8,931	\$ 5,606,431	Arch Bond	90	1
16-SB-101993-CB		4	Jefferson National Expansion Memorial Arch Transportation System Motor-Generator Set Replacement	Additional Work Change in Scope	The Harlan Company	0%	\$ 5,002,100	\$ 495,619	09/18/17	\$ 99,781	\$ 5,597,500	Arch Bond	90	1



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
16-SB-101846-DGR		4	Spruce Street Bridge Replacement	Credit Change Order	Kozeny Wagner, Inc.	8%	\$ 5,283,793	\$ 263,096	06/04/18	\$ (34,766)	\$ 5,546,889	MO-959X & Prop M	180	1
16-SB-101993-CB		3	Jefferson National Expansion Memorial Arch Transportation System Motor-Generator Set Replacement	Change in Scope	The Harlan Company	0%	\$ 5,002,100	\$ 233,432	08/04/17	\$ 262,187	\$ 5,497,719	Arch Bond	90	1
12-RFP-5883-DGR		6	ML Structures Inspection Progam Engineering Services	Time Extension	Junrea Associates Inc	15%	\$ 2,455,432	\$ 2,148,807	01/09/18	\$ 380,000	\$ 4,984,239	Operations	90	1
14-RFP-100998-DR		9	Metro Operator Uniforms	Exercise Option Year 1	Leon Uniform Company	0%	\$ 1,951,500	\$ 1,049,944	06/04/18	\$ 850,000	\$ 3,851,444	Transit Operating Uniform Budget	0	0
N/A PO 59105		6	Trapeze Software License and Maintenance Agreement	Amend Software License and Maintenance Agreement	Trapeze Software Group	0%	\$ 289,749	\$ 2,822,136	02/16/18	\$ 16,000	\$ 3,127,885	Operations	0	0
N/A PO 57989		5	Trapeze Software License and Maintenance Agreement	Change in Scope	Trapeze Software Group, Inc.	0%	\$ 2,733,684	\$ 317,642	10/20/17	\$ 60,559	\$ 3,111,885	Operations	0	0
14-RFP-100998-DR		8	Metro Operator Uniforms	Change in Scope	Leon Uniform	0%	\$ 1,951,500	\$ 1,034,944	01/30/18	\$ 15,000	\$ 3,001,444	Transit Operating Uniform Budget	0	0
16-SB-101807-DGR		3	JNEM Gateway Arch Exhibit Rehabilitation	Extension Due to Water Intrusion of the City Arch River Rehab Project	Conference Technologies, Inc	0%	\$ 2,244,420	\$ 653,913	12/19/17	\$ 89,511	\$ 2,987,844	JNEM Beneficial Fund	90	2
14-RFP-100998-DR		7	Metro Operator Uniforms	Change in Scope	Leon Uniform Company	0%	\$ 1,951,500	\$ 1,031,755	10/03/17	\$ 3,189	\$ 2,986,444	Transit Operating Uniform Budget	0	0
14-RFP-100998-DR		6	Metro Operator Uniforms	Change in Scope	Leon Uniform Company	0%	\$ 1,951,500	\$ 1,030,450	08/31/17	\$ 1,305	\$ 2,983,255	Transit Operating Uniform Budget	0	0
17-RFP-103684-DGR		1	ThyssenKrupp Elevator	Additional Repair Work for 1st Year's Excess of Plan	ThyssenKrupp Elevator	0%	\$ 2,325,560	\$ -	02/28/18	\$ 360,700	\$ 2,686,260	Operations	0	0
15-SB-101402-TJ		3	Missouri & Illinois Railcar Cleaning	Exercise Option Yr 3	MERS Goodwill	0%	\$ 867,408	\$ 841,967	08/18/17	\$ 856,614	\$ 2,565,989	Operations	0	0
13-RFP-5975-SS/MD		3	Rebranding the Gateway Arch Riverfront CityArchRiver (CAR)/Jefferson National Expansion Memorial (JNEM)	Exercise Option Yr 2 Change in Scope Additional Work	Dovetail	0%	\$ 993,750	\$ 1,055,250	03/19/18	\$ 331,250	\$ 2,380,250	JNEM	0	0



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
13-SB-5935-SS		4	Bus Shelter / Transit Center Cleaning	Time Extension	Mers/Goodwill	20%	\$ 802,302	\$ 1,211,413	02/01/18	\$ 84,504	\$ 2,098,218	Operations	90	1
12-SB-5833-DAB		5	Debaliviere Bus Cleaning	Time Extension	Mers/Goodwill	15%	\$ 617,776	\$ 1,099,318	01/10/18	\$ 84,854	\$ 1,801,948	Operations	90	2
12-SB-5833-DAB		4	DeBaliviere Bus Cleaning	Time Extension	MERS/Goodwil	15%	\$ 617,776	\$ 1,015,005	10/06/17	\$ 84,584	\$ 1,717,365	Operations	90	1
14-SB-99459-TJ		2	DeBaliviere Facility Cleaning	Exercise Option Yr 2	ISS Facility Services Inc.	15%	\$ 783,395	\$ 391,698	08/31/17	\$ 392,000	\$ 1,567,093	Operations	0	0
15-SB-101528-CG		1	Oracle Annual Maintenance E-Business Suite	Exercise Option Yr 1	Mythics, Inc.	0%	\$ 894,867	\$ 0	07/21/17	\$ 465,419	\$ 1,360,286	Operations	0	0
15-RFP-101514-DR		1	On-Call Internal Audit Consulting Services	Exercise Option Yr 1	Various Contractors	0%	\$ 1,080,000	\$ -	07/26/17	\$ 270,000	\$ 1,350,000	Operations FTA Funding	0	0
15-RFP-101247-DR		1	Occupational Medicine - Medical Examinations & Drug & Alcohol Screening Services	Exercise Option Year 1	BJC/BarnesCare	0%	\$ 941,283	\$ -	04/06/18	\$ 323,845	\$ 1,265,128	Operations	0	0
15-SB-101008-SG		2	Metro Armored Car Services	Time Extension	Loomis Armored Car Services	0%	\$ 407,782	\$ 830,904	05/01/18	\$ -	\$ 1,238,686	Operations	30	1
14-RFP-99536-DR		2	Temporary Help Services	Exercise Option Yr 1	5 various Temp Services	0%	\$ 1,208,677	\$ (293,952)	10/17/17	\$ 313,442	\$ 1,228,167	Operations	0	0
16-RFP-102886-CG		1	Development and Implementation of Marketing Activities for BSD	Modify Base Year Contract Amount	Werremeyer, Inc	0%	\$ 600,000	\$ -	11/17/17	\$ 600,000	\$ 1,200,000	Operations	0	0
13-SB-5989-CB		5	Missouri Ground Maintenance & Landscaping	90 Day Contract Extension	Ideal Landscape Management Inc.	17%	\$ 465,948	\$ 623,099	03/23/18	\$ 105,000	\$ 1,194,047	Operations	90	1
15-SB-101602-CG		1	Tree Maintenance Services	Additional Funds	Happy Tree Service	0%	\$ 918,000	\$ -	04/04/18	\$ 225,000	\$ 1,143,000	Operations	0	0
13-SB-5989-CB		4	Missouri Ground Maintenance & Landscaping Services	Rehabilitation of detention basin North Hanley	Ideal Landscape Management, Inc.	17%	\$ 465,948	\$ 548,099	12/05/17	\$ 75,000	\$ 1,089,047	Operations	0	0



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
12-RFP-5919-MM		8	Downtown Transfer Center	Change of Scope	Arcturis	15%	\$ 558,657	\$ 440,029	06/20/18	\$ 78,715	\$ 1,077,401	MO-90-X296 & Prop M	130	2
14-SB-100640-SG		4	MetroLink Manual Ticket Sales/Revenue Services	Correction	Above All Personnel	10%	\$ 666,638	\$ 396,655	10/25/17	\$ -	\$ 1,063,293	Operations	90	2
14-SB-100640-SG		3	MetroLink Manual Ticket Sales/Revenue Services	Time Extension	Above All Personnel	10%	\$ 666,638	\$ 396,655	10/18/17	\$ -	\$ 1,063,293	Operations	90	2
13-SB-5990-CB		4	Illinois Grougd Maintenance & Landscaping Services	Time Extension	Ideal Landscape Management Inc.	15%	\$ 386,710	\$ 557,847	04/16/18	\$ 105,694	\$ 1,050,251	Operations	90	1
12-RFP-5919-MM		7	Downtown Transfer Center	Change of Scope	Arcturis	15%	\$ 558,657	\$ 369,079	06/04/18	\$ 70,950	\$ 998,686	MO-90-X296 Prop M	130	2
12-RFP-5919-MM		6	Downtown Transfer Center	Additional Work	Arcturis	15%	\$ 558,657	\$ 363,829	12/15/17	\$ 5,250	\$ 927,736	FTA Grant # MO-04-0113 & Prop M	130	2
15-RFP-101101-VH/MD		2	Metro Cell Phone Services	Exercise Option Yr 2 Additional Funds	Sprint Solutions Inc.	0%	\$ 432,000	\$ 216,000	03/20/18	\$ 216,000	\$ 864,000	Operations	0	0
17-SB-104164-BH		1	Brentwood Bus Cleaning	Change of scope for sevice	Innex Services Inc.	11%	\$ 598,712	\$ -	12/06/17	\$ 224,202	\$ 822,914	Operations	0	0
17-SB-104152-CB		2	Boyle Avenue & Central West End - Signals	Additional Work	Wissehr Electrical Contractors	0%	\$ 70,702	\$ 656,085	03/07/18	\$ 70,702	\$ 797,489	MO-79-X004 Cortex	0	0
13-RFP-6019-SS/DR		3	Independent Audit Services	Exercise Option Yr 2	Crowe Horwath LLP	0%	\$ 440,681	\$ 143,846	11/07/17	\$ 165,329	\$ 749,856	Operations	0	0
17-SB-104152-CB		1	Boyle Avenue & Central West End - Signals	Additional Work	Wissehr Electrical Contractors	0%	\$ 726,787	\$ -	08/18/17	\$ -	\$ 726,787	MO-79-X004 Cortex	0	0
14-SB-100640-SG		2	MetroLink Manual Ticket Sales/Revenue Services	Time Extension	Above All Personnel	10%	\$ 700,188	\$ (46)	08/31/17	\$ 12,972	\$ 713,114	Operations	45	1
13-RFP-5974-SS/DR		3	Gateway Arch Communication Services	Time Extension	Common Ground Public Relations	0%	\$ 485,000	\$ 2,461	10/04/17	\$ 188,000	\$ 675,461	Operations	180	1



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
13-RFP-5992-DR		2	Vision Insurance Services	Exercise option year 2	Eye Med Vision Care	0%	\$ 365,570	\$ 142,000	12/06/17	\$ 150,500	\$ 658,070	Employee Voluntary	365	2
14-RFP-100638-SG		4	Passenger Counting Surveying	Time Extension	Critique Personnel, Inc.	10%	\$ 165,720	\$ 485,040	08/03/17	\$ 2,500	\$ 653,260	Operations	30	1
15-SB-100966-DAB		2	Illinois Bus Cleaning	Time Extension	ISS Facility Services Inc.	15%	\$ 362,410	\$ 181,204	12/15/17	\$ 46,000	\$ 589,614	Operations	90	1
14-RFP-98761-DR		2	Health & Welfare Consultant Services	Exercise Option Yr 1	Arthur J. Gallagher & Co.	0%	\$ 427,000	\$ 20,934	10/04/17	\$ 140,000	\$ 587,934	Operations	0	0
13-SB-6013-TJ		2	Missouri Yards & Shop Facility Cleaning	Exercise Option Yr 2	World Management	17%	\$ 333,542	\$ 111,180	10/20/17	\$ 111,181	\$ 555,903	Operations	0	0
17-SB-104153-CG		1	Boyle Avenue Station and CWE Platform Extension Package 4 Communications	Change in Scope	Sachs Electric Company	9%	\$ 540,645	\$ -	10/31/17	For Existing Contingency	\$ 540,645	MO-79-X004 Cortex	0	0
17-SB-104153-CG		1	Boyle Avenue Station and CWE Platform Extension Package 4 - Communications	Administrative Change	Sachs Electric Company	9%	\$ 540,645	\$ -	08/30/17	\$ -	\$ 540,645	MO-79-X004 Cortex	0	0
15-SS-101268-DW		3	JNEM AV/IT Software Production Contract	Time Extension	Aperture Films, Ltd.	0%	\$ 497,550	\$ 1,800	11/06/17	\$ -	\$ 499,350	JNEM - OP	180	2
17-SS-104281-DW		1	ML Union Station Tunnel OCR System Sole Source	Additional Work Required	MAC Products, Inc.	0%	\$ 336,500	\$ -	11/16/17	\$ 57,973	\$ 394,473	MO-54-0001 M Prop	90	1
16-RF-101944-VH/MD		2	Gateway Arch Ticketing Software	Additional Funds	Gateway Ticketing Systems	0%	\$ 219,250	\$ 84,079	04/17/18	\$ 46,564	\$ 349,893	JNEM	0	0
17-RFP-103834-CG		2	e-Builder Software	Exercise Option Yr 1	e-Builder Inc.	0%	\$ 216,605	\$ 4,300	03/29/18	\$ 102,285	\$ 323,190	New Systems Operating	0	0
17-SB-103489-DAB		1	Industrial Cleaning Central (Main Shop) Facility	Additional Funds	LRL Commercial Cleaning Inc.	12%	\$ 217,626	\$ -	09/19/17	\$ 56,400	\$ 274,026	Operations	0	0
13-SB-6006-CB		3	Ultrasonic Rail Testing	Additional Work	Sperry Rail Inc.	0%	\$ 132,319	\$ 90,282	07/07/18	\$ 28,000	\$ 250,601	Operations	0	0



**Contract Modifications**  
**July 1, 2017 to June 30, 2018**

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
15-RFP-101423-SG		3	Temporary Employee Services for Quality Control Observation (Spotter)	Additional Funds for Inspection of BSD Operators	Above All Personnel	0%	\$ 151,950	\$ 74,000	01/30/18	\$ 20,000	\$ 245,950	Operations	0	0
17-SB-103729-CG		1	Oracle Analytics Software/Annual Maintenance	Change in Scope	Mythics Inc.	0%	\$ 198,851	\$ 0	10/16/17	\$ 36,934	\$ 235,786	Operations	0	0
13-SB-6006-CB		2	Ultrasonic Rail Testing	Exercise Option Yr 2	Sperry Rail Inc.	0%	\$ 132,319	\$ 45,882	08/04/17	\$ 44,400	\$ 222,601	Operations	0	0
17-RFP-103834-CG		1	e-Builder Software Services	Adminster Training for Users	e-Builder, Inc	0%	\$ 216,605	\$ -	11/27/17	\$ 4,300	\$ 220,905	Operations	0	0
16-SB-102491-TJ		1	Uniform Rental & Cleaning Services	Additional Funds	Aramark	0%	\$ 167,773	\$ -	04/26/18	\$ 35,000	\$ 202,773	Operations	0	0
14-RFQ-99354-DR		7	Metro TSM, OCC, Training Instructors and Metro Group Unifomrs	Exercise Option Year 1	Blue Sky Apparel & Promotions, LLC	0%	\$ 129,913	\$ 20,445	05/16/18	\$ 35,600	\$ 185,959	Uniform Allowance	0	0
13-SB-5960-TJ		4	Oil Testing & Analysis	Additional Funds	ANA Laboratories, Inc.	0%	\$ 99,128	\$ 71,047	09/13/17	\$ 6,918	\$ 177,093	Operations	0	0
16-SB-102788-CB		5	Refuse Removal Services	Exercise Option Yr 1	Allied Waste Services	0%	\$ 153,929	\$ (64,839)	03/07/18	\$ 83,715	\$ 172,805	Operations	0	0
13-SB-5960-TJ		3	Oil Testing & Analysis	Exercise Option Year 2	ANA Laboratories Inc.	0%	\$ 99,128	\$ 36,505	03/08/18	\$ 34,543	\$ 170,175	Operations	0	0
17-SB-103800-CB		1	Bulk Salt Storage at Illinois Bus Facility	Time Extension	Ben Hur Construction Company	0%	\$ 151,498	\$ -	02/01/18	\$ 11,996	\$ 163,494	MO-90-X296 SCCTD	40	1
16-RFP-102859-DR		2	Pre-Employment Background Investigation Services	Exercise Option Yr 1	AccuSource, Inc.	0%	\$ 75,000	\$ -	09/27/17	\$ 75,000	\$ 150,000	Operations	0	0
16-RFP-103214-MD		2	License Monitoring Program	Additional Funds for Driver Monitoring and Reporting	Embark Safety	0%	\$ 67,437	\$ 33,719	12/12/17	\$ 40,000	\$ 141,156	Operations	0	0
14-RFQ-99354-DR		6	Metro TSM, OCC, Training Instructors and Metro Group Uniforms	Incorporate Black Face Mask and Black Fleece - Lined Knit Cap into Contract	Blue Sky Apparel & Promotions, LLC	0%	\$ 129,913	\$ -	02/15/18	\$ -	\$ 129,913	Uniform Allowance	0	0



Contract Modifications  
July 1, 2017 to June 30, 2018

Contract #	Task Order	Mod #	Description	Reason for Mod	Contractor	DBE %	Original Contract Amount	Value of Previous Mods	Mod Date	Mod Amount	Revised Contract Amount	Funding Source	# Days Extended	# of Extensions to Date
14-RFQ-99354-DR		5	Metro TSM,OCC,Training Instructors and Metro Group Uniforms	Incorporate Edwards Heavier Black Uniform Pant	Blue Sky Apparel & Promotions, LLC	0%	\$ 129,913	\$ -	12/14/17	\$ -	\$ 129,913	Uniform Allowance	0	0
17-SB-104518-CG		1	Demolition of existing Railroad Yard Office 412 South Sarah Street.	Change in Scope	Spirtas Wrecking Company	3%	\$ 129,900	\$ -	10/12/17	\$ (788)	\$ 129,112	MO-79-X004 Cortex	0	0
17-SB-104145-CG		2	Concrete Slab Repair - BSD IL Bus Facility	Additional Work	Hank's Excavating and Landscaping	0%	\$ 115,000	\$ -	11/13/17	\$ 11,871	\$ 126,871	MO-90-X296 Prop M	90	1
13-SB-5982-TJ		2	ATS Van Cleaning Services	Exercise Option Yr 2 Time Extension	World Management, Inc.	15%	\$ 62,011	\$ 42,556	09/28/17	\$ 21,000	\$ 125,567	Operations	90	1
14-RFP-99137-DW/MD		1	Commissioned Artwork-Downtown Transfer Center	Additional Work	Art.Site Integration of Art & Architecture	0%	\$ 60,000	\$ -	09/18/17	\$ 60,500	\$ 120,500	MO-90-X231	0	0
17-RFP-103726-MD		1	On-Call Pre-Development Services	Exercise Option Year 1	PGAV Planners, LLC	0%	\$ 60,000	\$ -	01/09/18	\$ 60,000	\$ 120,000	Operations	0	0
17-SB-104145-CG		1	Concrete Slab Repair - BSD IL Bus Facility	Time Extension	Hank's Excavating and Landscaping	0%	\$ 115,000	\$ -	08/31/17	\$ -	\$ 115,000	MO-90-X296 Prop M	90	1
17-RFP-104212-CG		1	Consulting and Design Services for BSD 2018 Annal Report Correction	Exercise Option Year 1	Falk Harrison, Inc.	0%	\$ 50,000	\$ -	07/07/18	\$ 63,024	\$ 113,024	Operations	0	0



## Prevailing Wage Report Fiscal Year 2018 April 2018 - June 2018

**Project:** 16-SB-102360-CB METRO DOWNTOWN TRANSIT CENTER - FTA GRANT NO# MO-04-0013; MO-90-X296; MO-95-X261

<b>Project Control ID:</b>	<b>Is Community Hiring Goal a Requirement:</b> No
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Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3148948888				
KCI Construction		Start Date: 04/13/2016	End	10/03/2017
		Contract Amount: \$7,267,000.00		
10315 Lake Bluff Drive , St. Louis , MO 63123				
	314.535.6063 Acme Glass		Start Date: 02/15/2017	
	6369490605 ACOUSTICAL CEILINGS INC		Start Date: 05/01/2017	
	3147766686 Allied Waterproofing Company, Inc.		Start Date: 03/01/2017	
	636-937-7500 Blakely Sheet Metal, LLC		Start Date: 02/01/2017	
	6362835031 C2 Service Group		Start Date: 05/01/2018	
	314-741-1637 Control Line, Inc.		Start Date: 07/01/2017	
	636-343-5769 CR Painting and More, Inc		Start Date: 06/15/2017	
	3144862038 D&L Painting and Drywall, LLC		Start Date: 03/01/2017	



3145341030  
David Mason & Associates  
Start Date: **05/01/2018**

3142003550  
Enterprise Industrial Construction  
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**

6364091115  
Hawkins Construction & Flatwork Contracting  
Start Date: **07/21/2017**

3145346664  
ICS CONSTRUCTION SERVICES  
Start Date: **06/01/2017**

314-658-5203  
Kaemmerlen Electric Company  
Start Date: **04/25/2016**

3148723400  
KMEIER Roof Systems, Inc  
Start Date: **01/02/2017**

618-277-4280  
MAYER LANDSCPAING INC  
Start Date: **06/01/2016**

3148431000  
Merlo Plumbing Co Inc  
Start Date: **09/19/2016**

3143618090



MISSOURI TERRAZZO	Start Date: 12/01/2016
8477053863 Penn Services LLC	Start Date: 11/01/2016
6363494990 RF MEEH CO	Start Date: 04/15/2017
3146441666 Sally Waterproofing	Start Date: 11/20/2016
5733925554 SURECUT LAWNCARE LLC	Start Date: 03/01/2017
(636) 970-2710 XL Contracting Inc.	Start Date: 07/01/2016

314-534-1030 DAVID MASON & ASSOC	Start Date: 08/01/2016 Contract Amount: \$0.00
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<b>Project:</b> 17-SB-103454-CB ELEVATOR REHAB - 8 UNITS - MO (FTA GRANTS MO-05-0028, MO-54-0001 AND PROP M) <b>Project Control ID:</b> Is Community Hiring Goal a Requirement: No				
<b>Prime Contractor</b>	<b>Subcontractor</b>	<b>Sub Subcontractor</b>	<b>Sub Sub Subcontractor</b>	<b>Sub Sub Sub Subcontractor</b>
3148902351 THE HARLAN COMPANY		Start Date: 05/26/2017 Contract Amount: \$2,145,450.00	End 07/31/2018	
1515 PAGE INDUSTRIAL BLVD. , ST. LOUIS , MO 63132				
	314-522-9400 All American Painting Company	Start Date: 02/19/2018 Contract Amount: \$23,694.00	End Date: 09/06/2018	
	6363431211 Aschinger Electric	Start Date: 02/19/2018 Contract Amount: \$179,920.00	End Date: 09/06/2018	
	3147710868			



BEETZ PLUMBING		Start Date: 04/16/2018	
3146311554			
Degenhardt Heating & Cooling, Inc.	Start Date: 02/19/2018	End Date: 09/06/2018	
	Contract Amount: \$184,695.00		
9729635273			
ThyssenKrupp Elevator Corp.	Start Date: 02/14/2018	End Date: 09/06/2018	
	Contract Amount: \$1,100,246.00		
3149910800			
THYSSENKRUPP ELEVATOR CORPORATION	Start Date: 02/14/2018	End Date: 09/06/2018	
	Contract Amount: \$1,100,246.00		
Project: 17-SB-104149-DR - BOYLE - CENTRAL WEST END METROLINK STATION - FACILITIES (FTA GRANT MO-79-X004 AND CORTEX			
Project Control ID: Is Community Hiring Goal a Requirement: No			
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor
3144215933			
L. Keeley	Start Date: 06/29/2017	End 10/31/2018	
	Contract Amount: \$6,405,349.00		
500 South Ewing Avenue , Suite G St. Louis , MO 63103			
3147850078			
BRK ELECTRICAL CONTRACTORS LLC	Start Date: 07/03/2017		
	6363524818	Contract ID: 17020-03	
	Brandt Contracting, Inc.	Start Date: 07/01/2017	End Date: 08/01/2017
		Contract Amount: \$75,789.00	
	6363495999	Contract ID: SC#17020-01	
	GERSTNER ELECTRIC	Start Date: 06/23/2017	End Date: 05/31/2018
		Contract Amount: \$377,037.00	
	3148927550	Contract ID: 17020-03	
	Sager & Son	Start Date: 07/01/2017	End Date: 08/01/2017
		Contract Amount: \$9,460.00	
618-274-0105			
BUMPY'S STEEL ERECTION LLC	Start Date: 07/03/2017		
6369378300			
D & S FENCING CO INC	Start Date: 07/03/2017		



LC9738124	D&S Fencing Co., Inc	Start Date: <b>07/03/2017</b>
314-291-1111	DRILLING SERVICE CO	Start Date: <b>02/20/2018</b>
3148436030	Kupferer Brothers Ironworks, Inc.	Start Date: <b>03/02/2018</b>
3144233338	Lorenz and Associates, Inc.	Start Date: <b>03/02/2018</b>
618-277-4280	MAYER LANDSCPAING INC	Start Date: <b>07/03/2017</b>
6036214090	SPAN SYSTEMS, INC.	Start Date: <b>07/03/2017</b>
6364753500	THOMAS INDUSTRIAL COATINGS, INC.	Start Date: <b>03/05/2018</b>
6362257800	Traffic Control Company	Start Date: <b>07/03/2017</b>
3142976968	Trinity Masonry	Start Date: <b>01/10/2018</b>

**Project:** 17-SB-104151-DGR BOYLE AVE. STATION & CWE PLATFORM EXTENSION PACKAGE 2 - TRACK (MO-79-X004 AND CORTEX)

**Project Control ID:** Is Community Hiring Goal a Requirement: No

Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
------------------	---------------	-------------------	-----------------------	---------------------------

3142912233				
RAILWORKS TRACK SERVICES				
		Start Date: <b>10/12/2017</b>	End	<b>06/30/2018</b>
		Contract Amount: <b>\$1,808,394.00</b>		

4301 BRIDGETON INDUSTRIAL DRIVE ,



3144215933

L. Keeley

Start Date: 03/26/2018

3143812277

N & J RAILROAD CONTRACTING

Start Date: 05/07/2018

**Project:** 17-SB-104152-CB BOYLE AVE STN AND CWE PLATFORM EXT PACKAGE 3 -SIGNALS FTA GRANT MO-79-X004 AND CORTEX

**Project Control ID:** Is Community Hiring Goal a Requirement: No

Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
------------------	---------------	-------------------	-----------------------	---------------------------

6183987575

WISSEHR ELECTRICAL CONTRACTORS

Start Date: 07/30/2017

End 07/31/2018

Contract Amount: \$726,787.03

P.O. BOX 23798 ,  
BELLEVILLE , IL 62223

**Project:** 17-SB-104153-CG BOYLE AVE STN AND CWE PLATFORM EXT PKG 4 - COMMUNICATIONS FTA GRANT MO-79-X004 & CORTE

**Project Control ID:** Is Community Hiring Goal a Requirement: No

Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
------------------	---------------	-------------------	-----------------------	---------------------------

3145322000

SACHS ELECTRIC

Start Date: 08/23/2017

End Date: 03/01/2018

PO BOX 96 ,  
ST. LOUIS , MO 63166

**Project:** 17-SB-104494-CB, REPAIR & REPLACE CONCRETE AT DEBALIVIERE BUS FACILITY FTA GRANT MO-90-X296 & PROP M

**Project Control ID:** Is Community Hiring Goal a Requirement: No

Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
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6183379494

L. KEELEY CONSTRUCTION, INC.

Start Date: 08/16/2017

End 12/31/2017

Contract Amount: \$287,927.75

2901 FALLING SPRINGS RD ,  
SAUGET , IL 62206



L. Keeley		Start Date: 08/28/2017	End	12/31/2017
		Contract Amount: \$287,927.75		
500 South Ewing Avenue , Suite G St. Louis , MO 63103				
3145962311 JR CONCRETE SERVICES LLC		Start Date: 08/21/2017		
Project: 18-RFQ-105059-MD EMERSON PARK AND FAIRVIEW HEIGHTS - Z CROSSING GATES (MO-57-X006 and PROP M)				
Project Control ID:		Is Community Hiring Goal a Requirement: No		
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3148902351 THE HARLAN COMPANY		Start Date: 05/01/2018	End	08/01/2018
		Contract Amount: \$111,700.00		
1515 PAGE INDUSTRIAL BLVD. , ST. LOUIS , MO 63132				
6363431211 Aschinger Electric		Start Date: 05/01/2018	End Date:	08/01/2018
		Contract Amount: \$22,981.00		
Project: 18-SB-104831-MD PHASE 5 ADA MISSOURI METROBUS STOP ENHANCEMENT PROJECT - FTA GRANT FUNDED - MO-57-X006				
Project Control ID:		Is Community Hiring Goal a Requirement: No		
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
3146675913 RAINERI CONSTRUCTION		Start Date: 04/05/2018	End	07/31/2018
		Contract Amount: \$143,336.00		
1300 Hampton Avenue Ste 200 , ST. LOUIS , MO 63109				
Project: 18-SB-104938-CB ELECTRICAL INSTALLATION - ILLINOIS SECURITY GUARD SHACKS (MO-90-X296 AND SCCTD)				
Project Control ID:		Is Community Hiring Goal a Requirement: No		
Prime Contractor	Subcontractor	Sub Subcontractor	Sub Sub Subcontractor	Sub Sub Sub Subcontractor
6183987575 WISSEHR ELECTRICAL CONTRACTORS		Start Date: 03/26/2018	End	06/26/2018
		Contract Amount: \$66,860.00		
P.O. BOX 23798 , BELLEVILLE , IL 62223				



**PROCUREMENT CARD PROGRAM  
ADMINISTRATIVE REVIEW STATICS  
JULY 1, 2017 - June 30, 2018**

	1ST QUARTER FY18		2nd QUARTER FY18		3rd QUARTER FY18		4th QUARTER FY18		FY2018 YTD TOTAL	
	TRANSACTION COUNT	TRANSACTION AMOUNT	TRANSACTION COUNT	TRANSACTION AMOUNT	TRANSACTION COUNT	TRANSACTION AMOUNT	TRANSACTION COUNT	TRANSACTION AMOUNT	TRANSACTION COUNT	TRANSACTION AMOUNT
TOTAL TRANSACTIONS	4584	\$ 1,686,879	4022	\$ 1,582,660	4046	\$ 1,364,979	4060	\$ 1,402,028	16712	\$ 6,036,546
TRANSACTIONS REVIEWED	4584	\$ 1,686,879	4022	\$ 1,582,660	4046	\$ 1,364,979	4060	\$1,402,028	16712	\$ 6,036,546
PERCENTAGE REVIEWED	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
TRANSACTIONS INVESTIGATED	16	\$ 20,845.57	8	\$ 14,232.62	9	\$12,282	16	\$ 29,946	49	\$ 77,307
PERCENTAGE OF TOTAL INVESTIGATED	0.3%	1.2%	0.2%	0.9%	0.2%	0.9%	0.4%	2.1%	0.3%	1.3%
CONFIRMED PROCEDURAL VIOLATIONS	0 TRANS 0 INCIDENTS	\$ -	0 TRANS 0 INCIDENTS	\$ -	0 TRANS 0 INCIDENTS	\$ -	0 TRANS 0 INCIDENTS	\$ -	0 TRANS 0 INCIDENTS	\$ -
CONFIRMED VIOLATION PERCENTAGE OF TOTAL	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
TRANSACTIONS WITH SALES TAX	49	\$ 11,751	39	\$ 6,646	23	\$ 2,039	39	\$ 4,997	150	\$ 25,433
SALES TAX CHARGED	49	\$ 485	39	\$ 529	23	\$ 115	39	\$ 333	33	\$ 1,461
PERCENTAGE OF TOTAL TRANSACTIONS WITH SALES TAX	1.1%	0.7%	1.0%	0.4%	0.6%	0.1%	1.0%	0.4%	0.9%	0.4%
REFUNDED SALES TAX	10	\$ 113	7	\$ 62	5	\$36	10	\$ 165	32	\$ 376



**Bi-State Development  
Agenda Item  
Audit, Finance & Administration Committee  
August 24, 2018**

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**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, 2018**  
**Disposition:** Information  
**Presentation:** Charles A. Stewart, Jr., Vice President, Pension & Insurance

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**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, 2018.

**Board Policy:**

*Board Policy, Section 70.050, Employee's Pension and 401(k) Retirement Savings Plan* states (in part) that:

- A. General. 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, 2018, Pension Plans, 401(k) Retirement Savings Program and OPEB Investment Performance Reports were presented to the respective trustees by Ellwood Associates at the August 2018 trustee meetings.

**Analysis:**

**BSD 401(k) Retirement Savings Program**

- As of June 30, 2018, total 401(k) Program assets are \$57M. This is up from \$54.8M as of year-end 2017.
- Calendar year-to-date, the Plan has approximately \$2.5M in new contributions. Cash flows have fluctuated over the past several years based on benefit changes and a higher number of employee retirements within BSD. Ellwood will continue to monitor plan cash flows. For 2018 to date, the assets withdrawn from the savings program have moderated significantly.



- Allocations to individual funds and asset types remain relatively unchanged for the year. The T. Rowe Price Lifecycle Funds continue to grow in popularity. Approximately 28% of participant money is now held in these target date funds. The Vanguard Index Fund is the second most popular investment option among participants with \$10.9M of participant money or 19% of total assets. The T. Rowe Price Stable Value Fund (11%) and the Dodge & Cox Balanced Fund (13%) both have significant participation from employees.
- Performance has been generally strong for all managers – Ellwood will continue to monitor Vaughn Nelson as they have been notably laggard since their funding in the plan. No recommended fund changes were advised at this time.
- Since the previous meeting, Ellwood and BSD pension and insurance management went through a significant review of the Plan's current administration provider, Lincoln Financial Group (LFG). The review included the scope and quality of LFG services as well as pricing. It was determined that LFG provides excellent services and high quality participant education, but that their fees were high relative to the competitive bid process. As a result Ellwood negotiated a lower fee arrangement thereby lowering annual fees from \$125k to \$95k going forward.

### **Salaried Pension Plan**

- As of June 30, 2018 total plan assets were \$72.6M, up by \$5.0M since the beginning of the calendar year.
- Cash flows were net positive for the first two quarters of the year. A total of \$5.9M in new contributions was offset by outflows of \$2.4M. This plan was frozen as of July 1, 2013 to new participants and saw significant changes for prior plan participants allowing the freezing, forfeiture or continuation of benefits from the plan.
- The portfolio gained 2.3% during the first half of 2018. Since inception dating back to 1988, the total portfolio has gained 7.7% outpacing its benchmark by 50 basis points. The portfolio also outperformed its current actuarial return target of 7.0%, thus meeting its objectives.
- 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 Plan**

- As of June 30, 2018 total plan assets are now \$5.4M, remaining constant from 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 more than quadrupled



since reaching the market bottom. This plan was fully funded in late 2017 and the special contributions by the Union and BSD have ended. As a result, cash flows into the plan have moderated.

- The portfolio has performed favorably gaining +1.3% in the first half of 2018. This is a more modest gain when contrasted with prior year's returns. The IBEW Pension Trust has strong long-term performance gaining +7.0% and +7.8% over the trailing 3 and 5 year periods, respectively. Since inception the plan has gained 6.3%.
- Ellwood recommended replacing the Harbor International Fund (\$0.8M or 15% of total assets) with another non-U.S. equity manager. Consistency of the return pattern from Harbor has been disappointing, and Ellwood recommended the American Funds Euro-Pacific Growth Fund as the replacement option. The IBEW pension committee approved this change in their August 1, 2018 meeting.

#### **ATU 788 Pension Plan**

- As of June 30, 2018, total plan assets are now \$139.7M which is relatively unchanged since the beginning of the calendar year. Fund flows over the past few years have been consistently negative, and 2018 is continuing this trend. Year to date cash inflows of \$7.2M were less than outflows of \$8.3M. However, investment gains of \$0.7M offset the cash flow imbalances.
- Through June 30, 2018 the portfolio produced modest gains of \$0.5%. Longer term performance remains favorable, gaining 6.3% and 8.3% over the trailing 3 and 5 year periods, respectively. The asset allocation changes approved by the Committee in 2013 have aided overall fund 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 BlueCrest (expected final 2019) hedge fund investments. Ellwood recommended, and the Committee approved, a new hedge fund structure at the August 2017 meeting. As the two liquidations become final, Ellwood recommends that the plan contributes another \$1M to \$2M to the Davidson Kempner hedge fund in order to bring the allocation in line with target guidelines.
- Ellwood recommended replacing the Harbor International Fund (\$12.4M or 9% of total assets) with another non-U.S. equity manager. Consistency of the return pattern from Harbor has been disappointing, and Ellwood recommended the Boston Partners International Equity Fund as the replacement option. The Salaried pension committee approved this change in their August 2, 2018 meeting.



## **OPEB Trust**

- The Other Post Employee Benefit (**OPEB**) trust ended the first half of 2018 with a total portfolio market value of \$32.4M which is a \$3.4M increase over the prior year.
- Ellwood stated continued confidence in the programs overall asset allocation and structure, however, made one recommendation to replace the Harbor International Fund (\$3.5M or 11% of total assets) with another non-U.S. equity manager. Consistency of the return pattern from Harbor has been disappointing, and Ellwood recommended the Boston Partners International Equity Fund as the replacement option. The OPEB trust committee approved this change in their August 1, 2018 meeting.
- The portfolio's asset allocation is in line with target guidelines, and cash balances remain low at \$17,552. No additional rebalancing recommendations are being made at this time. In May 2018, BSD made its annual contribution of \$3M to the trust and the capital was invested with the portfolio's fixed income funds.

### **Committee Action Requested:**

None. Information only.

### **Attachments:**

1. BSD 401(k) Retirement Savings Program 2nd Quarter 2018 Performance Report
2. BSD Salaried Pension Plan 2nd Quarter 2018 Performance Report
3. IBEW Pension Trust Local 2 and Local 309 2nd Quarter 2018 Performance Report
4. Div. 788 A.T.U. AFL-CIO Pension 2nd Quarter 2018 Performance Report
5. BSD OPEB Retirement Trust 2nd Quarter 2018 Performance Report



Q2

# Second Quarter 2018 Performance Report

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





# Table of Contents

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



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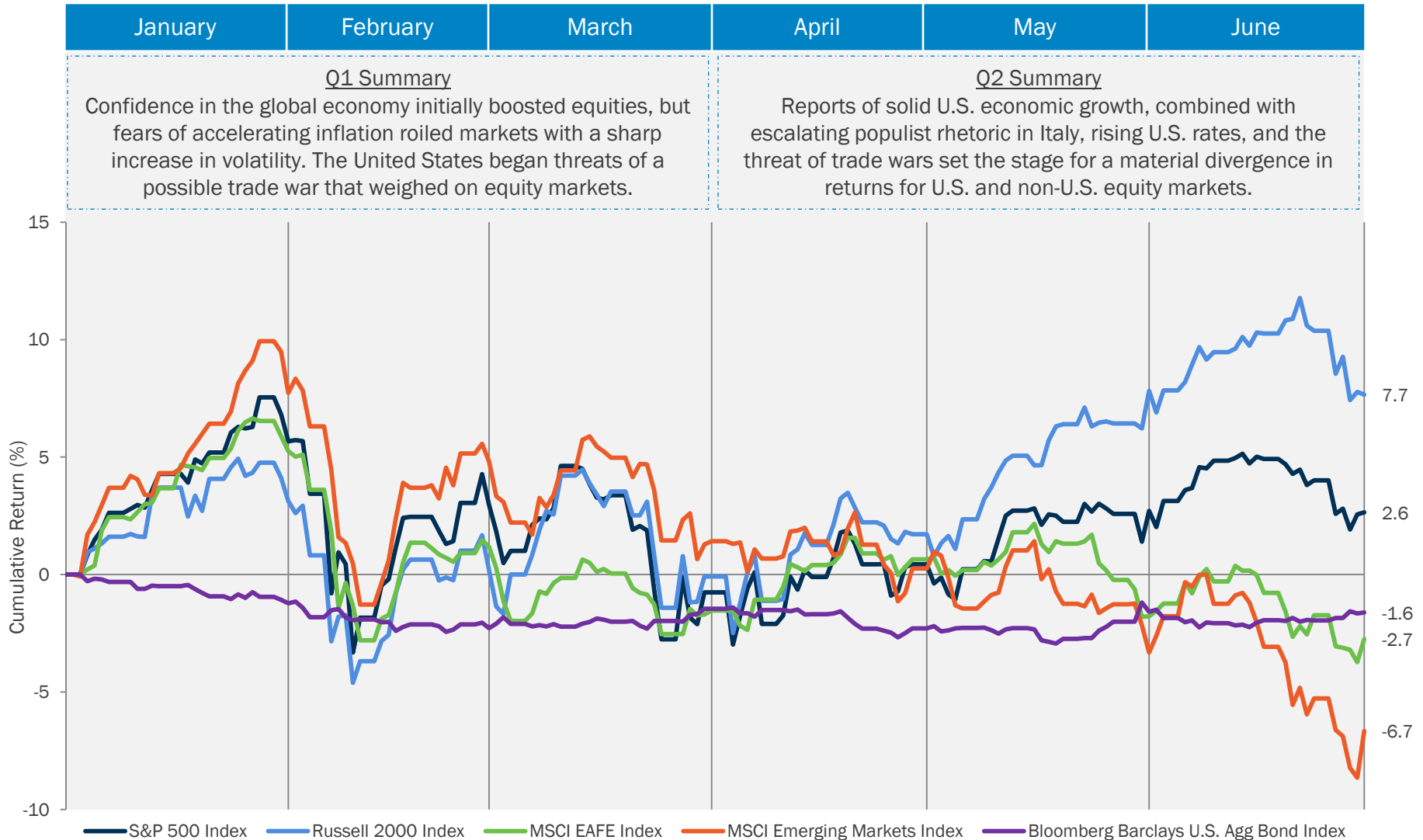
# 2<sup>nd</sup> Quarter 2018

## Capital Markets Exhibits

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# Year-To-Date Market Timeline



Source: Morningstar Direct, S&P, MSCI, Bloomberg Finance, LP

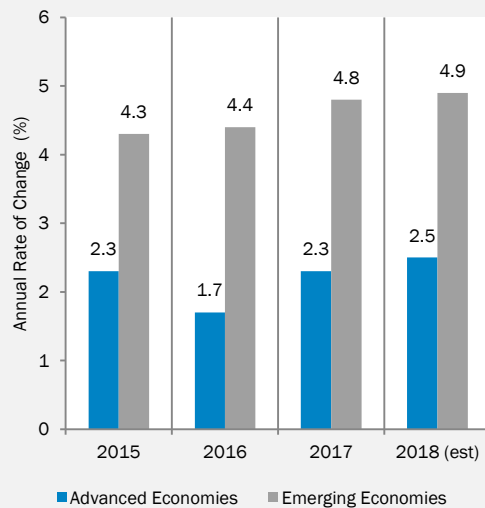


# Economic Fundamentals Remain Mostly Positive

## Real GDP Growth

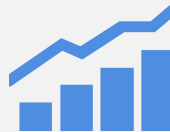


- Although not uniformly robust like 2017, global GDP growth remains on steady footing with the IMF estimating global GDP to expand 3.9% in aggregate during 2018.
- PMI data softened across the Eurozone, Japan, and emerging markets while data improved in the U.S.

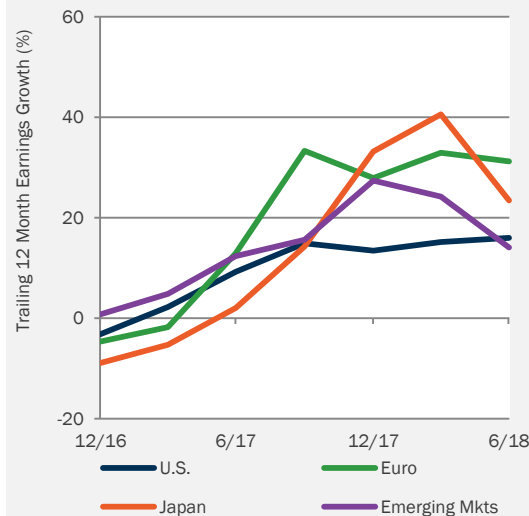


Sources: IMF World Economic Outlook, Markit

## Earnings Growth



- Earnings growth among U.S. companies steadily increased over the past year and is further supported by tax reform.
- Earnings growth among developed non-U.S. and emerging market companies have slowed from 2017's robust levels, but expectations remain positive.

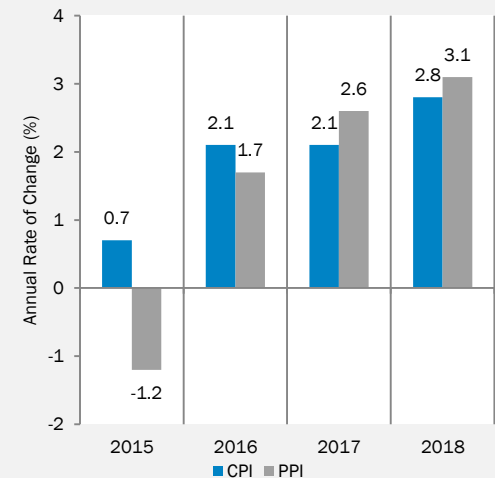


Source: MSCI

## Interest Rates and Inflation



- With the U.S. near full employment and economic growth remaining robust, inflation expectations increased.
- CPI grew near 3% over the past year and large increases in oil prices led to higher energy prices.
- The resulting increase in interest rates puts pressure on asset prices.

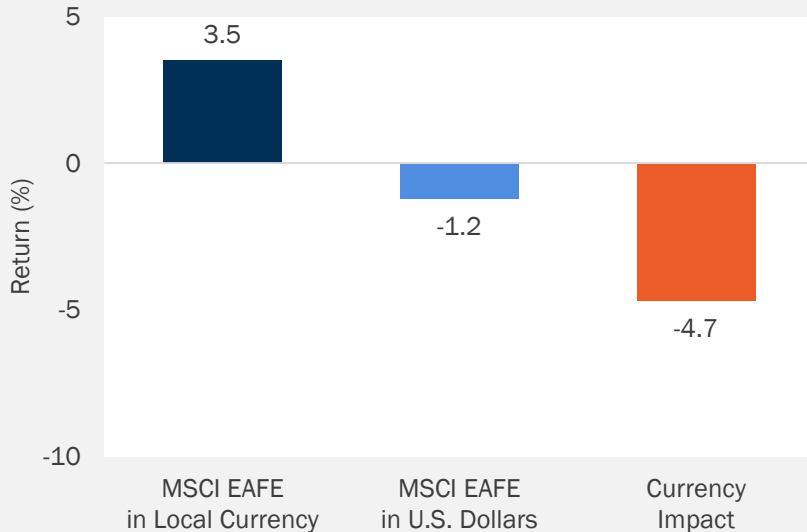


Sources: U.S. BLS; 2018 is the 12-months ending 5/31/18

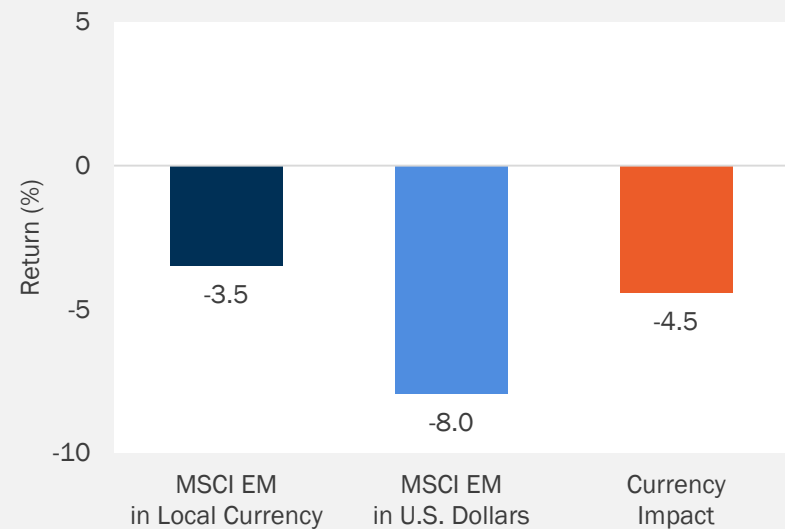


# Breadth of Global Currency Depreciation

MSCI EAFE Returns – Second Quarter



MSCI Emerging Markets Returns – Second Quarter



- Of the thirteen currencies represented in the MSCI EAFE index, twelve depreciated against the U.S. Dollar.

- Twenty-three of the twenty-four currencies in the MSCI Emerging Markets index fell against the U.S. Dollar.

- With indications of improving economic growth outlook driving an upward acceleration in U.S. inflation, expectations for a more aggressive increase of rates by the Federal Reserve broadly drove global currencies lower against the U.S. Dollar.
- Indications from the European Central Bank that it may delay interest rates increases until mid-2019, combined with political rhetoric surrounding Italian populism and Brexit, weighed on European currencies.
- Escalating trade tensions also put downward pressure on emerging market currencies, with political issues having an additional negative impact on currencies in Brazil, Russia, Turkey and South Africa.

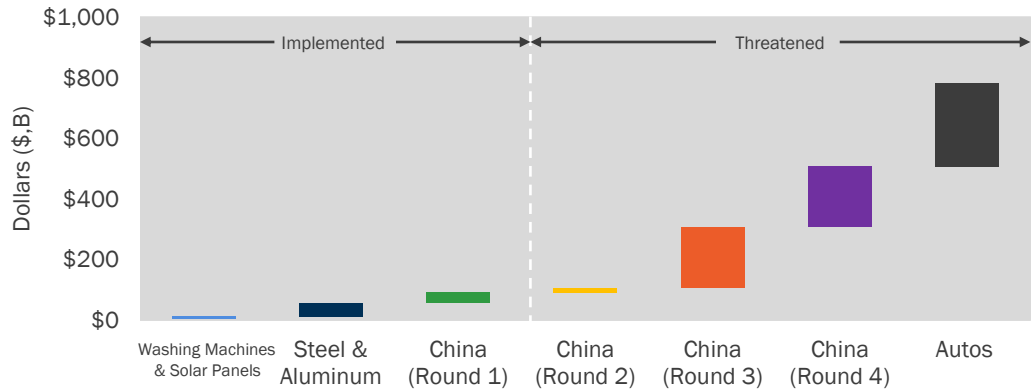


# Escalation of Trade Tensions

## Observations:

- The administration implemented tariffs on \$90 billion of exports to the U.S., including washing machines and solar panels, steel and aluminum and \$34 billion of Chinese goods.
- The impact on the global supply chain could be material if trade tensions escalate.
- Tariffs on autos could also significantly impact U.S. businesses, as auto/parts exports from Mexico and Canada contain a meaningful component of U.S. production.

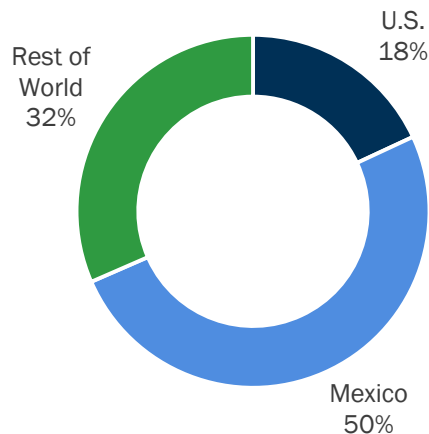
## Exports to the U.S. Subject to Tariffs - Implemented and Threatened



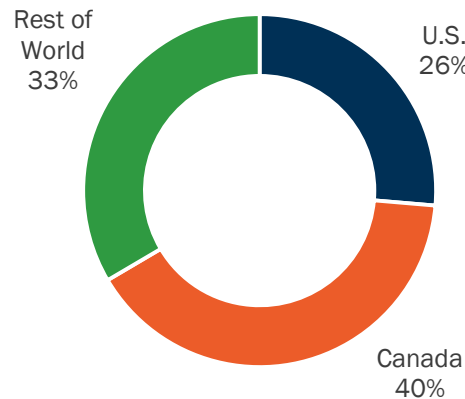
Source: Goldman Sachs, Bloomberg, L.P.

## Exports to the U.S.: Value-Added Production by Region

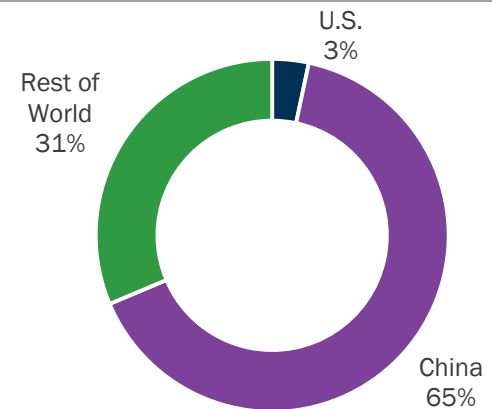
### Mexico Autos/Parts



### Canada Autos/Parts



### China All Products



Source: U.S. Department of Commerce Bureau of the Census Foreign Trade Division.



# S&P 500 Scorecard

## Sector Returns

	<u>Div. Yield<sup>(1)</sup></u>	<u>P/E Ratio<sup>(2)</sup></u>	<u>15-Yr Avg.<sup>(3)</sup></u>	
Consumer Discretionary	1.2%	22.3x	19.0x	8.2% 11.5%
Technology	1.2%	28.5x	20.9x	7.1% 10.9%
Energy	2.7%	19.4x	15.3x	13.5% 6.8%
S&P 500	1.9%	21.0x	17.4x	3.4% 2.6%
Health Care	1.7%	29.0x	20.8x	3.1% 1.8%
Real Estate	3.4%	41.6x	38.6x	6.1% 0.8%
Utilities	3.6%	17.3x	16.7x	3.7% 0.3%
Materials	2.0%	23.1x	18.9x	-3.1% 2.6%
Financials	1.8%	14.5x	14.7x	-3.2% -4.1%
Industrials	2.0%	19.1x	18.1x	-3.2% -4.7%
Telecom	5.7%	6.6x	19.7x	-0.9% -8.4%
Consumer Staples	3.0%	20.2x	19.2x	-1.5% -8.5%

■ 2<sup>nd</sup> Quarter 2018 ■ Year-To-Date 2018

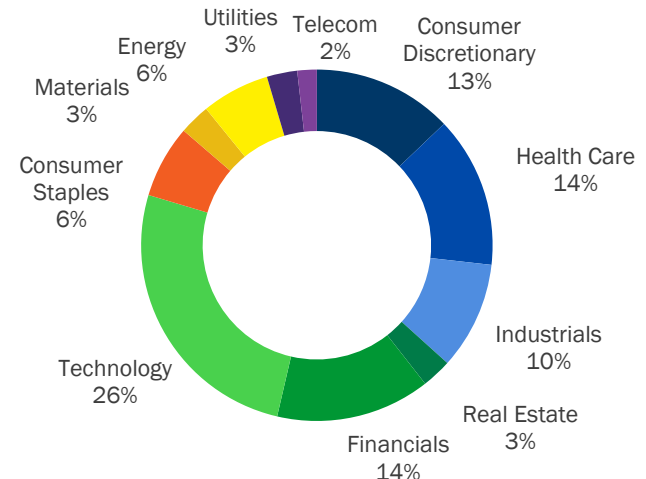
Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global

<sup>(1)</sup>Trailing 12 month Dividend Yield as of 6/30/2018.

<sup>(2)</sup>Trailing 12 month P/E as of 6/30/2018.

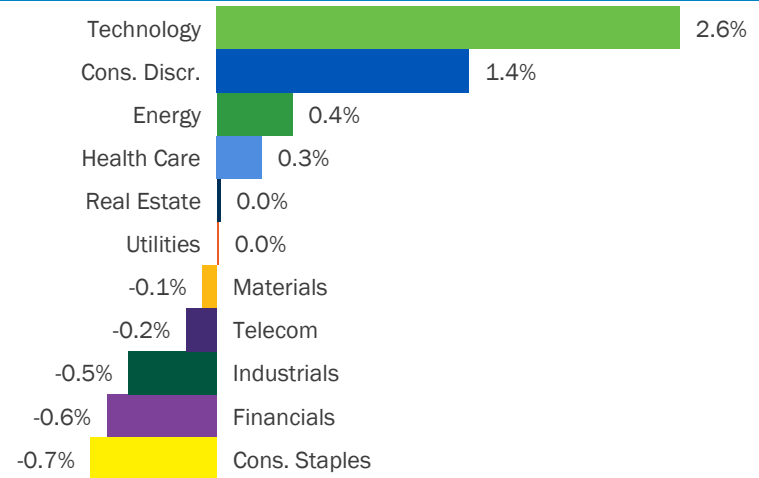
<sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2018.

## Sector Weights



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P

## Sector YTD Contribution

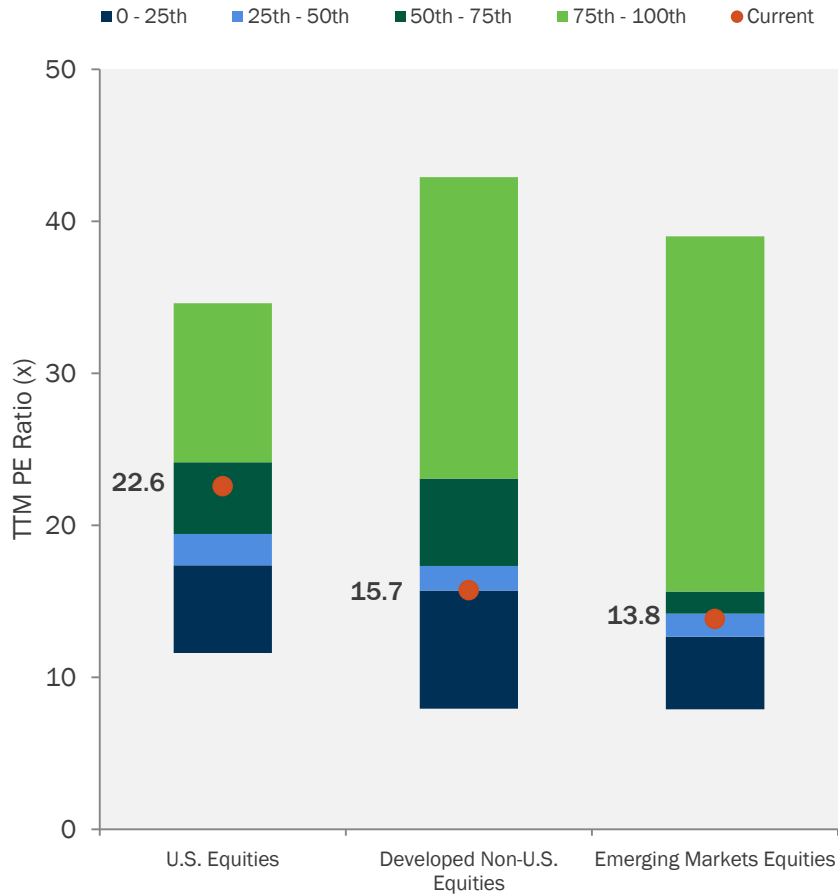


Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, GICS

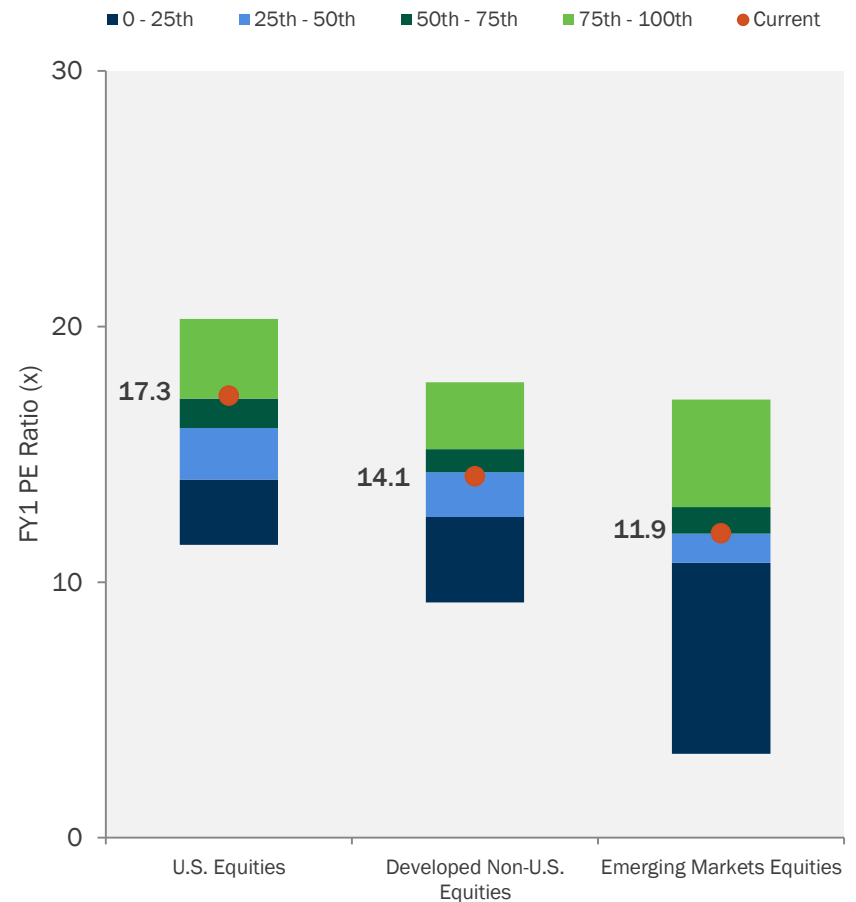


# Equity Valuations

Trailing Price to Earnings Ratio (Last 20 Years)



Forward Price to Earnings Ratio (Last 13 Years)



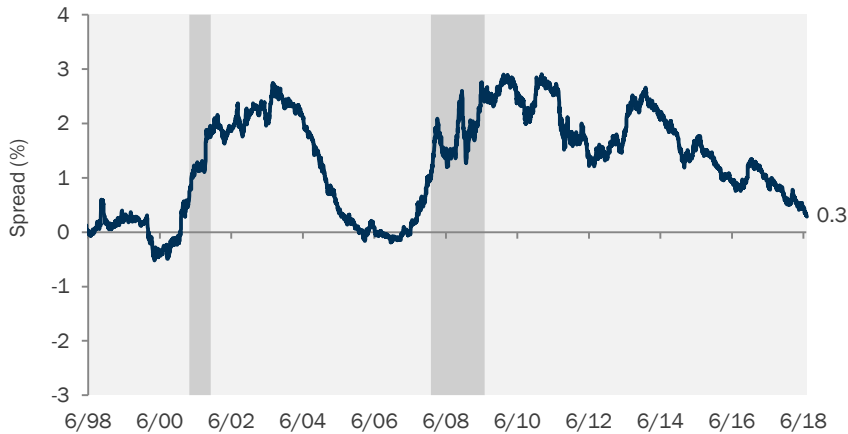
Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018

Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018



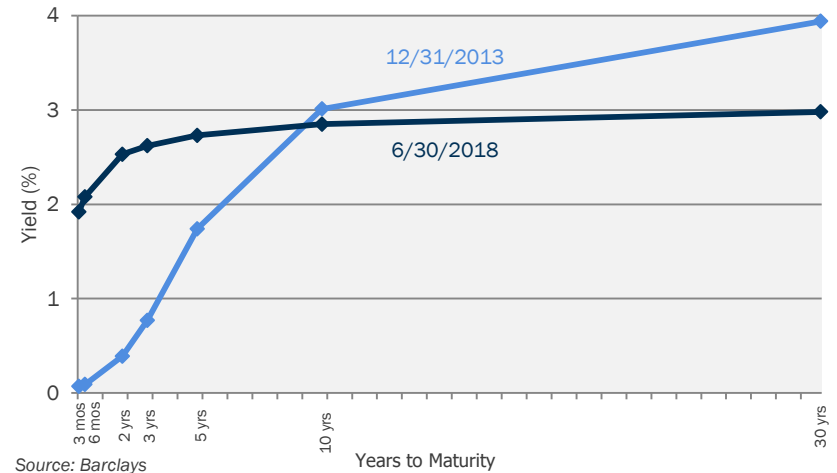
# Rates and Spreads

U.S. Treasury 2-10 Yield Spread



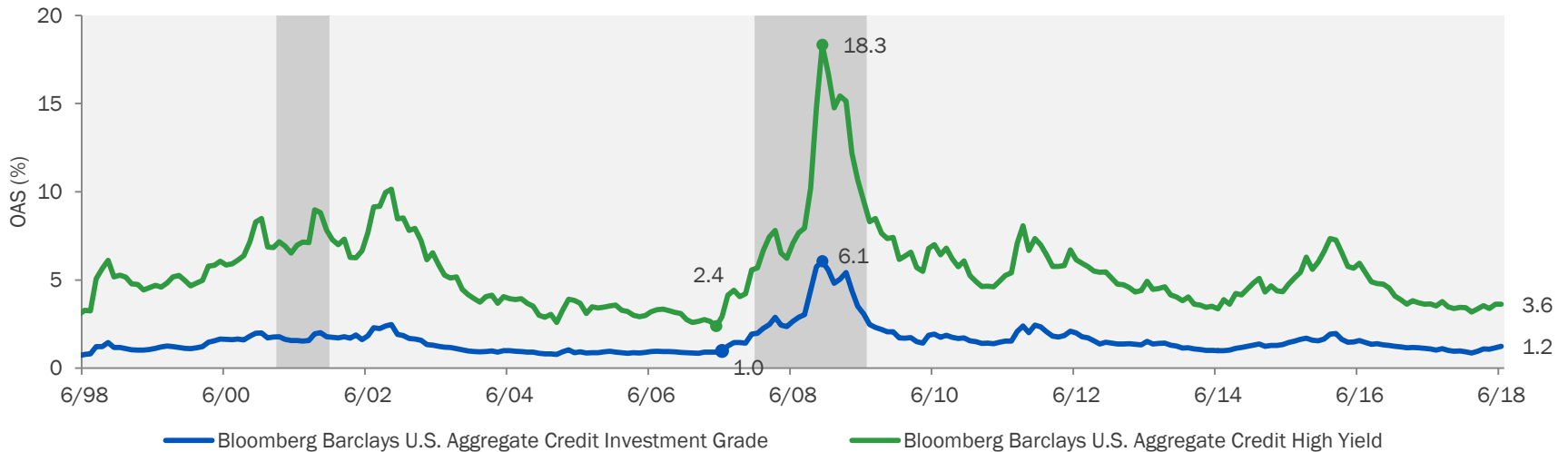
Source: Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018

U.S. Treasury Yield Curve



Source: Barclays

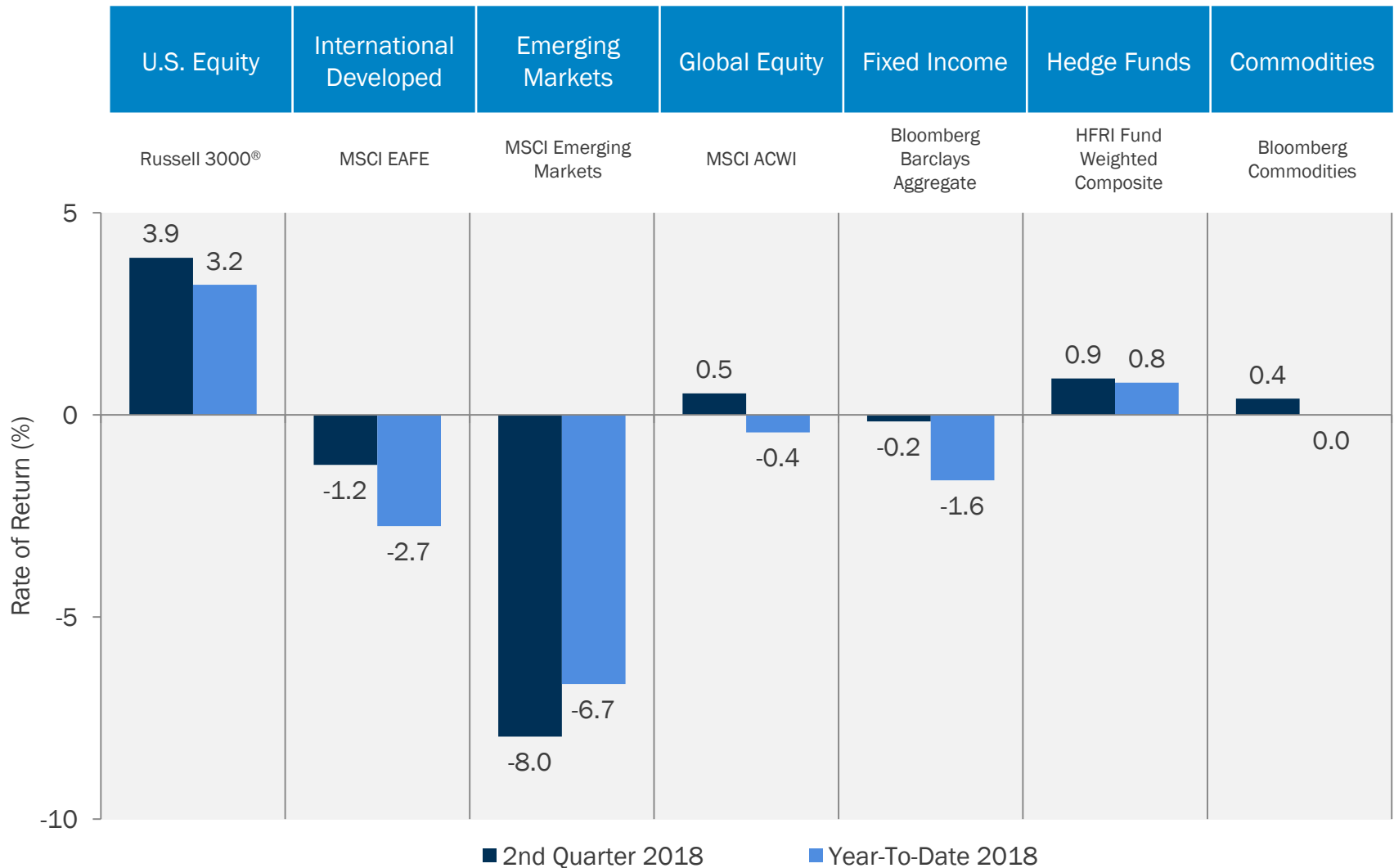
Fixed Income Spreads Relative to Treasuries (Last 20 Years)



Source: Factset, Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018



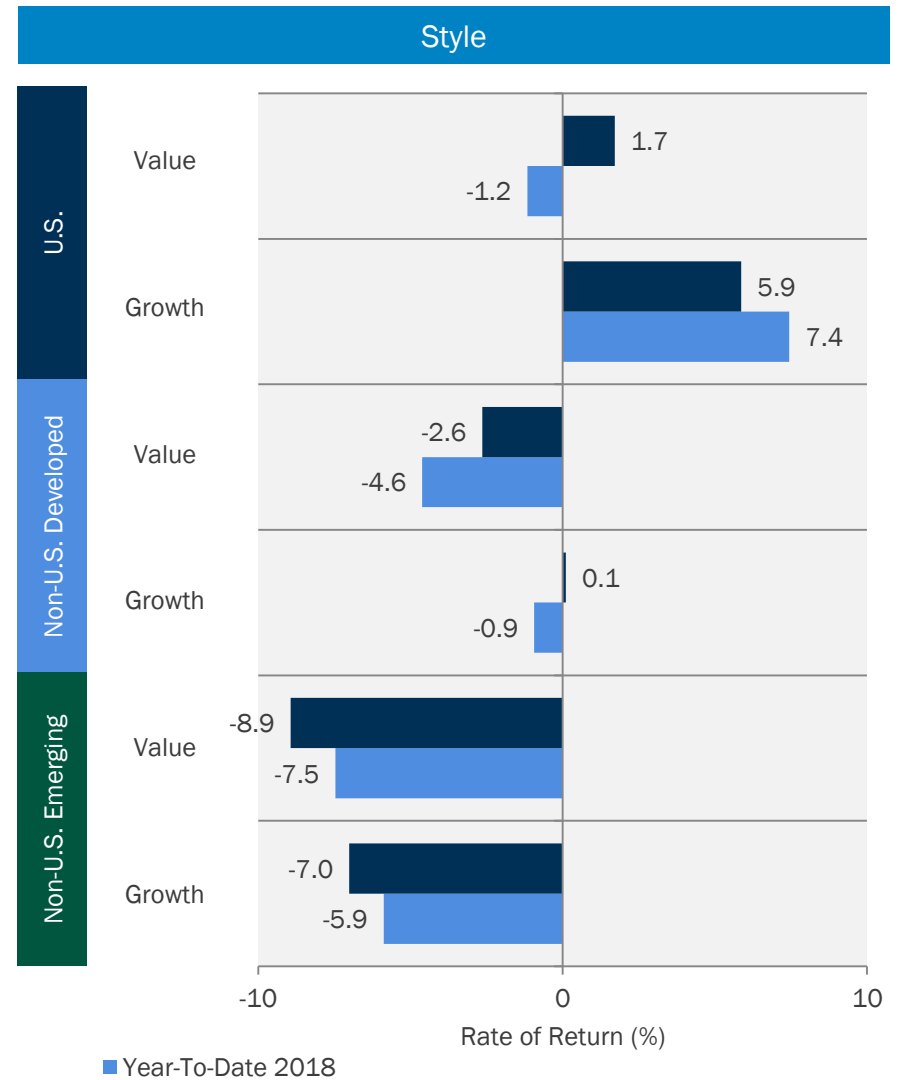
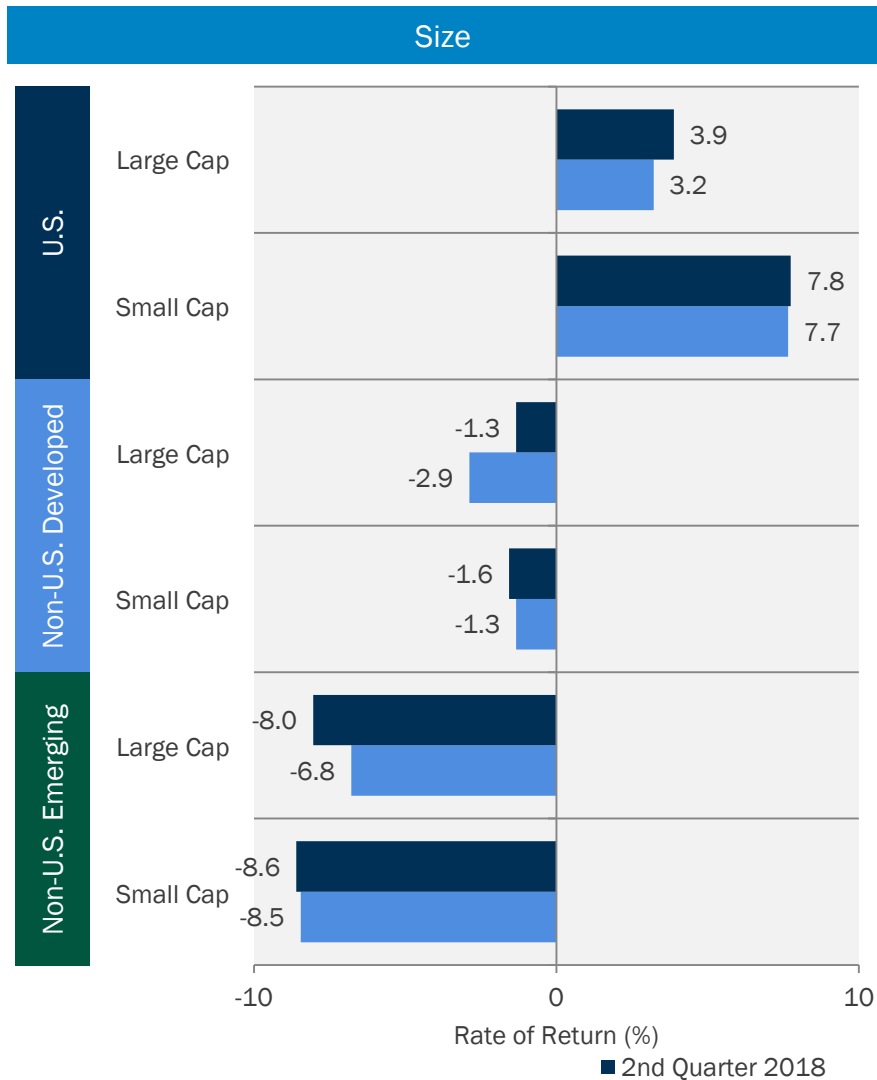
# Market Overview



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, Russell, MSCI, HFRI, Bloomberg Finance, LP



# Global Equity Factor Performance

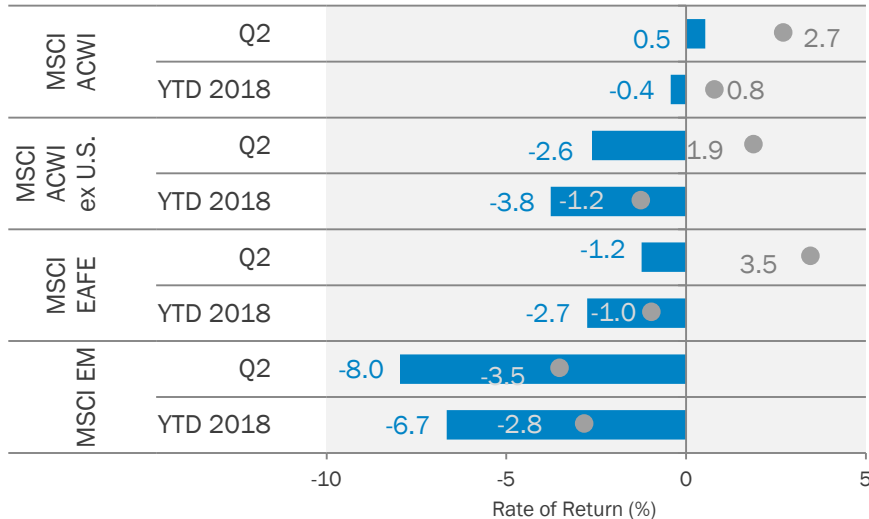


Note: Indices above are the respective size and style sub-indices of Russell, MSCI, and MSCI.  
 Source: Morningstar Direct, Russell, MSCI, S&P Dow Jones Indices LLC, a division of S&P Global



# Non-U.S. / Global Equity Markets

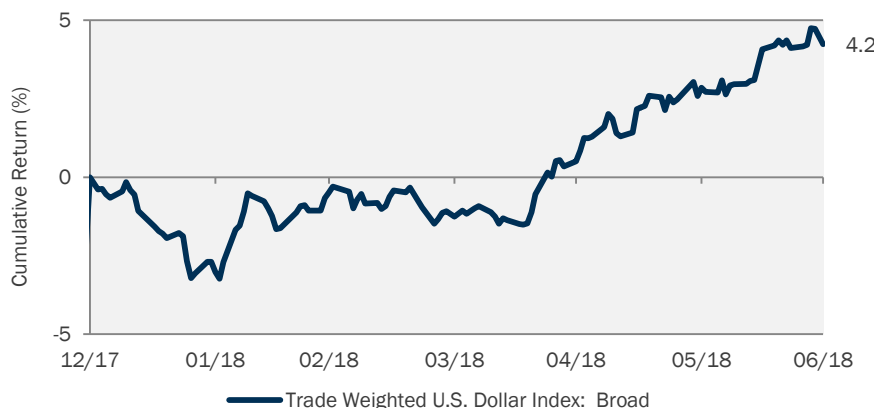
## Market Returns



Source: Morningstar Direct, MSCI

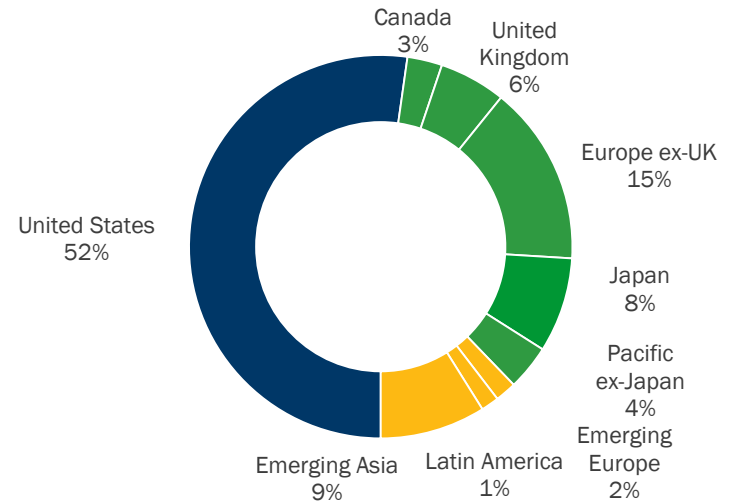
■ USD Return    ● Local Return

## U.S. Dollar vs. Foreign Currencies



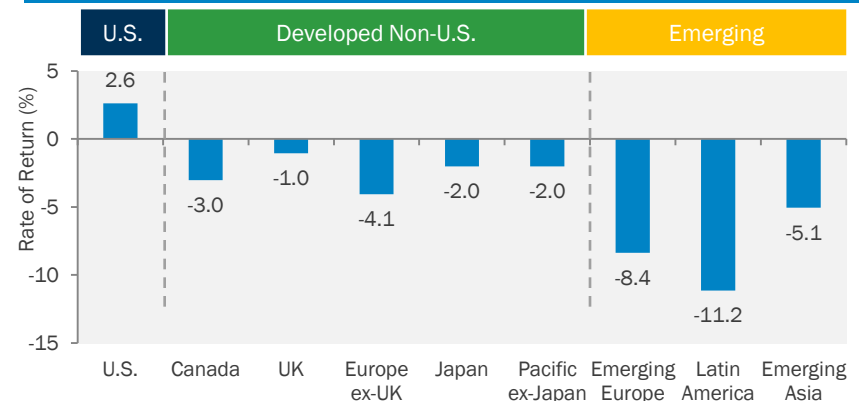
Source: Federal Reserve Board; U.S. trade-weighted index, As of 6/29/2018

## MSCI ACWI Equity Weights



Source: MSCI

## YTD Regional Market Returns (USD)



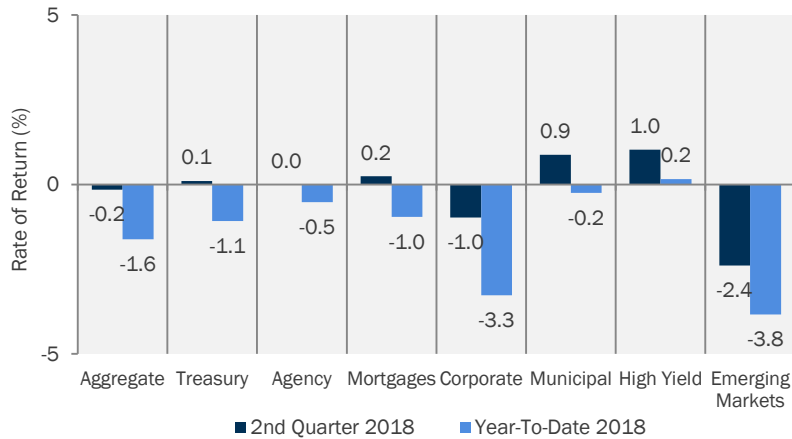
Source: Morningstar Direct, MSCI



# Fixed Income Markets

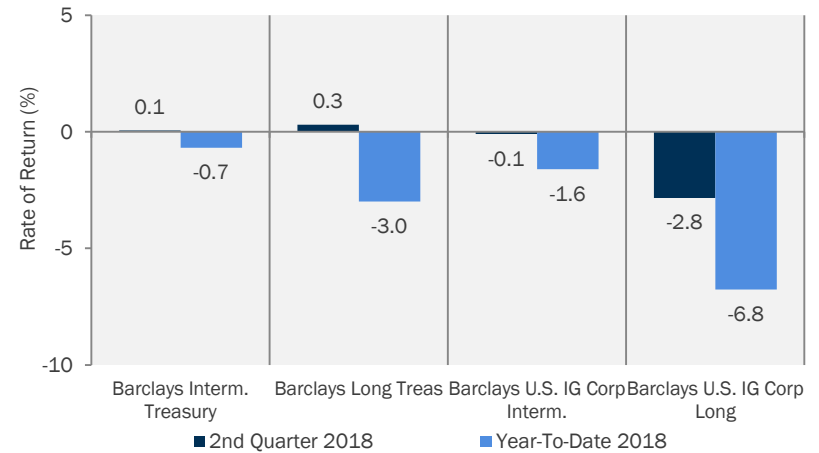
## Bond Market Returns

Returns by Sector



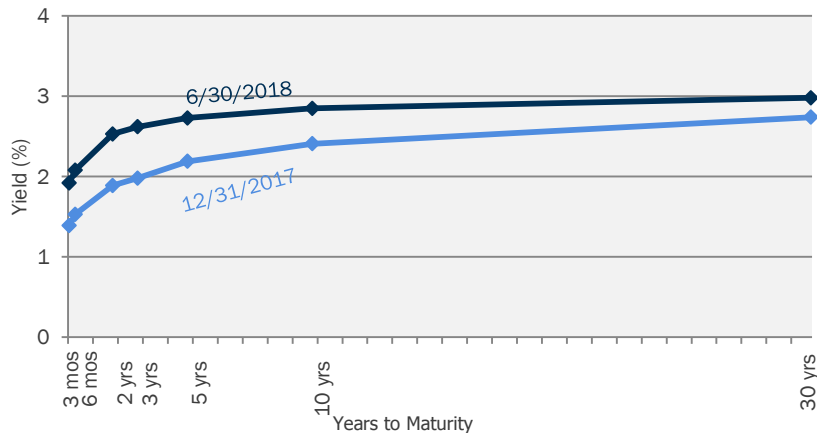
Source: Morningstar Direct

Returns by Duration



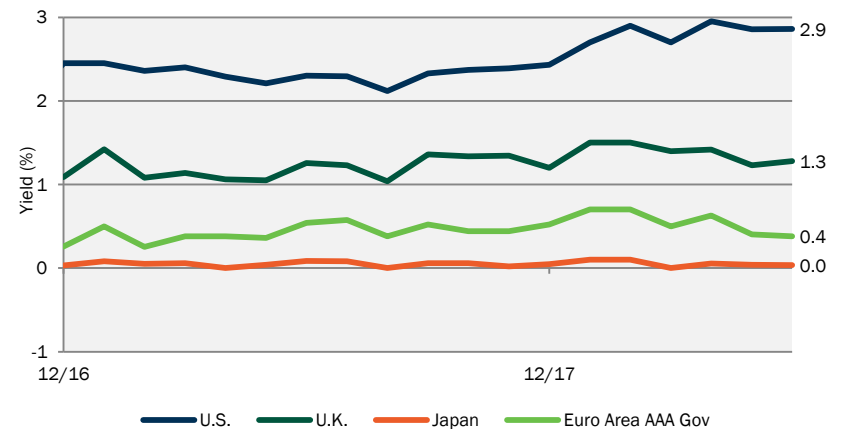
Source: Morningstar Direct

## U.S. Treasury Yield Curve



Source: Barclays

## Global Ten Year Government Spot Yields

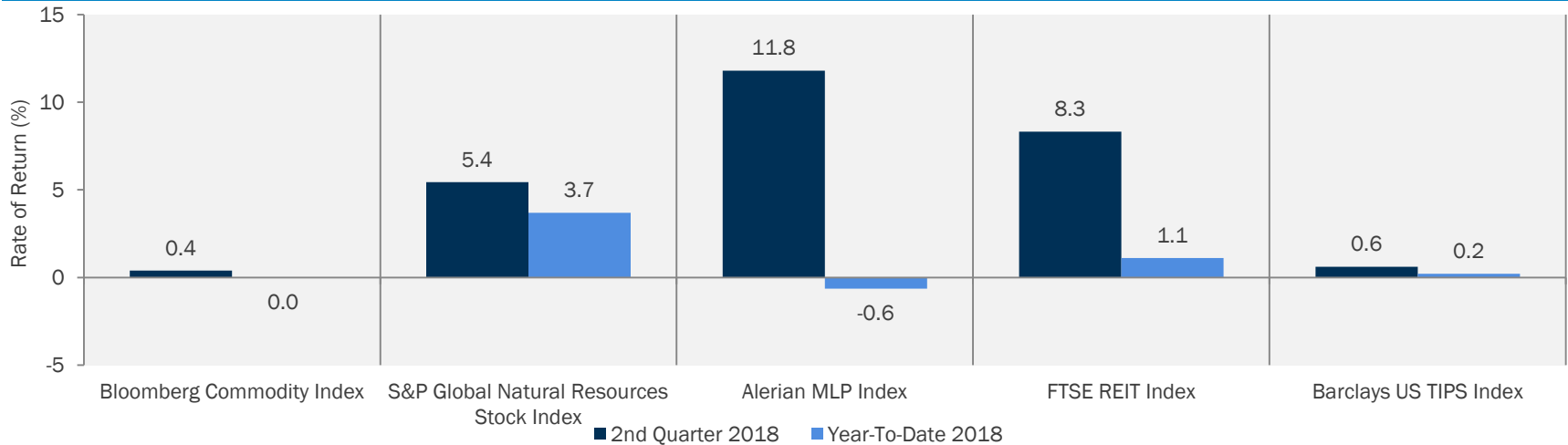


Source: Bloomberg Finance, LP



# Real Assets

## Asset Class Performance



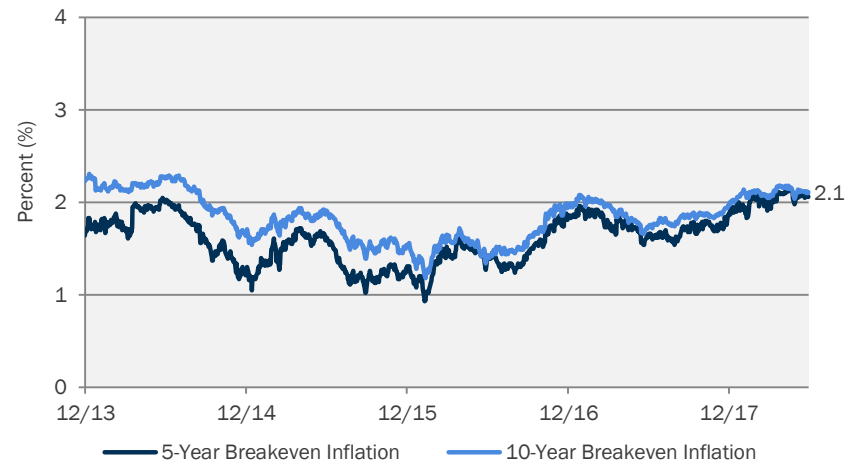
Source: Morningstar Direct, Bloomberg Finance, LP, S&P, Barclays, S&P Dow Jones Indices LLC, a division of S&P Global, Alerian, FTSE

## WTI Crude Oil Prices



Source: Bloomberg Finance, LP; As of 6/29/2018

## United States Breakeven Inflation



Source: Federal Reserve; As of 6/29/2018



# World Markets Heat Map

	Calendar Year Returns									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S. Equity										
S&P 100 Index	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	22.0%	2.0%
S&P 500 Index	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	2.6%
Russell 1000 Value Index	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	13.7%	-1.7%
Russell 1000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell 2000 Index	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	14.6%	7.7%
Russell 2000 Value Index	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	7.8%	5.4%
Russell 2000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell Micro Cap Index	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	13.2%	10.7%
Non U.S. Equity										
MSCI ACWI ex U.S. Index	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	27.2%	-3.8%
MSCI EAFE Index	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-2.7%
MSCI EAFE Small Cap Index	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	33.0%	-1.3%
MSCI Emerging Markets Index	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-6.7%
MSCI Emerging Mkts. Small Cap Index	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	33.8%	-8.5%
MSCI Frontier Markets Index	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	31.9%	-10.9%
Global										
MSCI ACWI Index	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-0.4%
Fixed Income										
Barclays US Aggregate Index	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	-1.6%
Barclays US Inv. Grade. Corp. Index	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	6.4%	-3.3%
Barclays High Yield Index	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	0.2%
Barclays US Corp Long AA+ Index	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	10.8%	-4.3%
Barclays US Treasury Long Index	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-3.0%
Barclays U.S. Municipal Bond Index	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	-0.2%
Barclays Global Agg. ex. U.S. Index	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	10.5%	-1.3%
Barclays EM Debt (Local) Gov't Index	17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	14.3%	-5.5%
Alternatives										
Bloomberg Commodity Index	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	0.0%
Bloomberg Commodity – Gold	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	12.8%	-4.6%
Bloomberg Commodity – WTI Crude Oil	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	5.1%	23.2%
Bloomberg Commodity – Agriculture	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-11.0%	-5.8%
FTSE REIT Index	27.4%	27.6%	7.3%	20.1%	3.2%	27.1%	2.3%	9.3%	9.3%	1.1%

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018

	Annualized Returns					TTM P/E	Div. Yield
	YTD	1-Yr	3-Yr	5-Yr	10-Yr		
U.S. Equity							
S&P 100 Index	2.0%	14.3%	12.0%	13.1%	10.0%	21.0x	2.1%
S&P 500 Index	2.6%	14.4%	11.9%	13.4%	10.2%	20.4x	2.0%
Russell 1000 Value Index	-1.7%	6.8%	8.3%	10.3%	8.5%	15.9x	2.6%
Russell 1000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	27.5x	1.2%
Russell 2000 Index	7.7%	17.6%	11.0%	12.5%	10.6%	18.2x	1.4%
Russell 2000 Value Index	5.4%	13.1%	11.2%	11.2%	9.9%	14.9x	2.1%
Russell 2000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	24.7x	0.7%
Russell Micro Cap Index	10.7%	20.2%	10.5%	12.8%	10.6%	16.6x	1.2%
Non U.S. Equity							
MSCI ACWI ex U.S. Index	-3.8%	7.3%	5.1%	6.0%	2.5%	14.4x	3.2%
MSCI EAFE Index	-2.7%	6.8%	4.9%	6.4%	2.8%	14.6x	3.2%
MSCI EAFE Small Cap Index	-1.3%	12.4%	10.1%	11.3%	6.8%	15.2x	2.6%
MSCI Emerging Markets Index	-6.7%	8.2%	5.6%	5.0%	2.3%	13.4x	3.1%
MSCI Emerging Mkts. Small Cap Index	-8.5%	5.6%	2.5%	4.3%	4.4%	13.2x	2.5%
MSCI Frontier Markets Index	-10.9%	1.7%	2.1%	4.5%	-2.5%	12.9x	3.4%
Global							
MSCI ACWI Index	-0.4%	10.7%	8.2%	9.4%	5.8%	17.1x	2.5%
Fixed Income						Duration	YTW
Barclays US Aggregate Index	-1.6%	-0.4%	1.7%	2.3%	3.7%	6.0	3.3%
Barclays US Inv. Grade. Corp. Index	-3.3%	-0.8%	3.1%	3.5%	5.4%	7.3	4.0%
Barclays High Yield Index	0.2%	2.6%	5.5%	5.5%	8.2%	3.9	6.5%
Barclays US Corp Long AA+ Index	-4.3%	0.3%	5.2%	5.9%	7.4%	14.1	4.0%
Barclays US Treasury Long Index	-3.0%	-0.1%	3.4%	4.5%	6.1%	17.2	3.0%
Barclays U.S. Municipal Bond Index	-0.2%	1.6%	2.9%	3.5%	4.4%	6.0	2.7%
Barclays Global Agg. ex. U.S. Index	-1.3%	2.8%	3.2%	0.9%	1.8%	7.9	0.9%
Barclays EM Debt (Local) Gov't Index	-5.5%	-0.8%	1.9%	0.5%	--	5.8	5.3%
Alternatives							
Bloomberg Commodity Index	0.0%	7.3%	-4.5%	-6.4%	-9.0%	--	--
Bloomberg Commodity – Gold	-4.6%	0.2%	1.5%	-0.1%	2.3%	--	--
Bloomberg Commodity – WTI Crude Oil	23.2%	58.9%	-8.3%	-14.0%	-17.9%	--	--
Bloomberg Commodity – Agriculture	-5.8%	-13.3%	-9.9%	-9.5%	-7.1%	--	--
FTSE REIT Index	1.1%	4.8%	9.2%	9.0%	8.5%	--	--

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018



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# 401(k) Retirement Savings Portfolio Review

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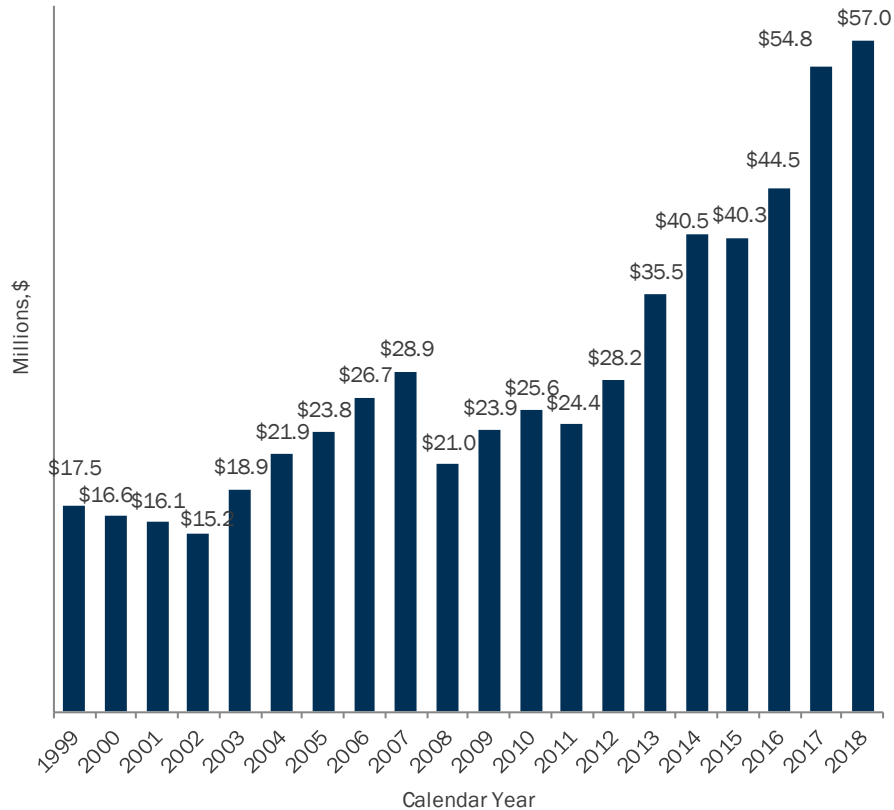


# Bi-State Development Agency 401(k) Retirement Savings Program

## Total Portfolio Overview

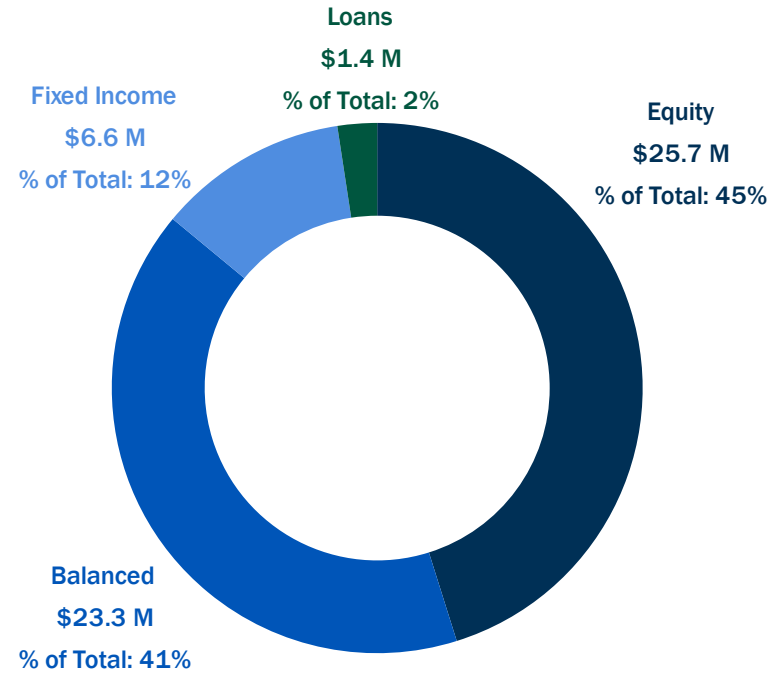
As of June 30, 2018

### Growth of Assets



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

### Asset Allocation



Total Assets: \$57.0 million

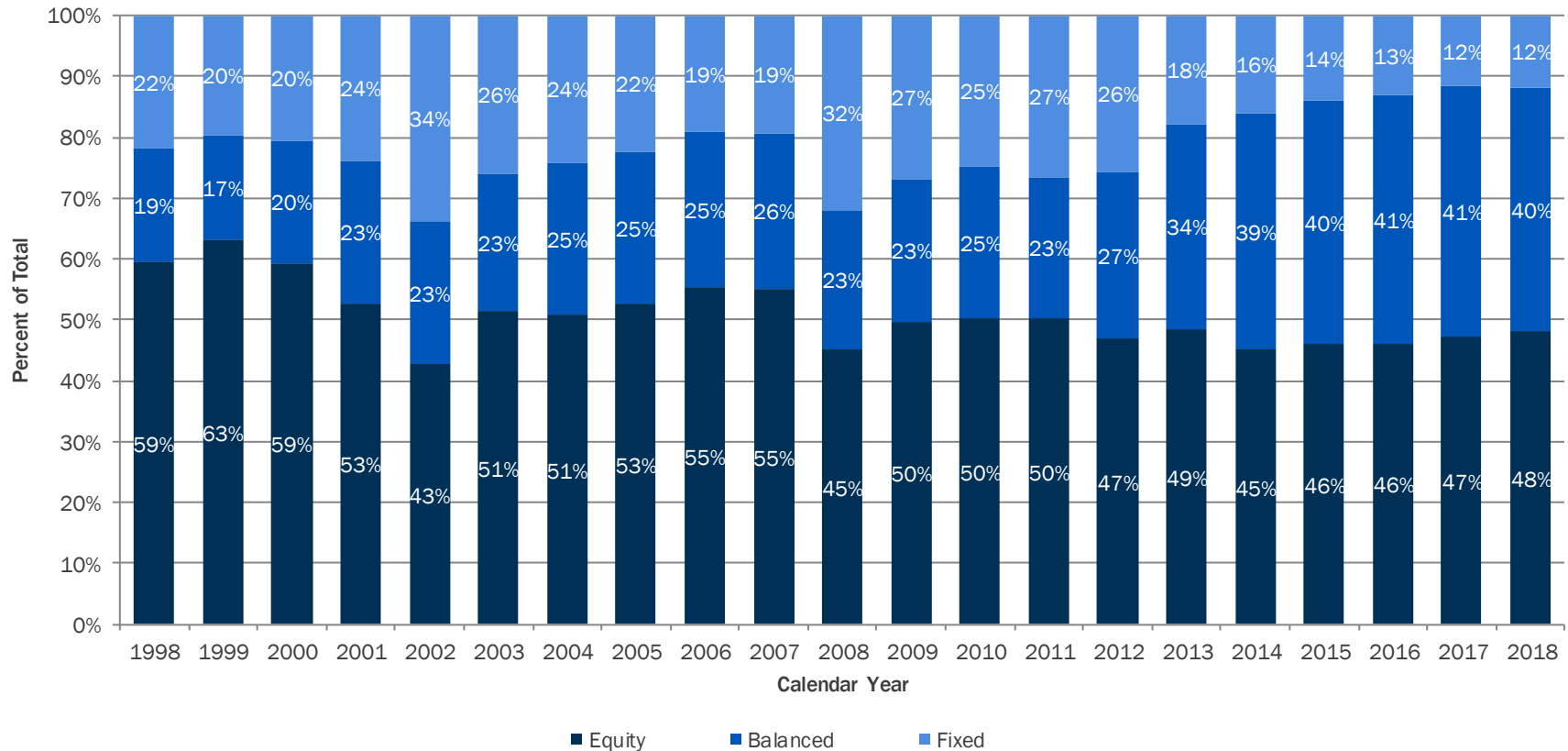


# Bi-State Development Agency 401(k) Retirement Savings Program

## Historical Allocation

As of June 30, 2018

### Historical Allocations



Note: Historical allocations exclude loans and self directed accounts.

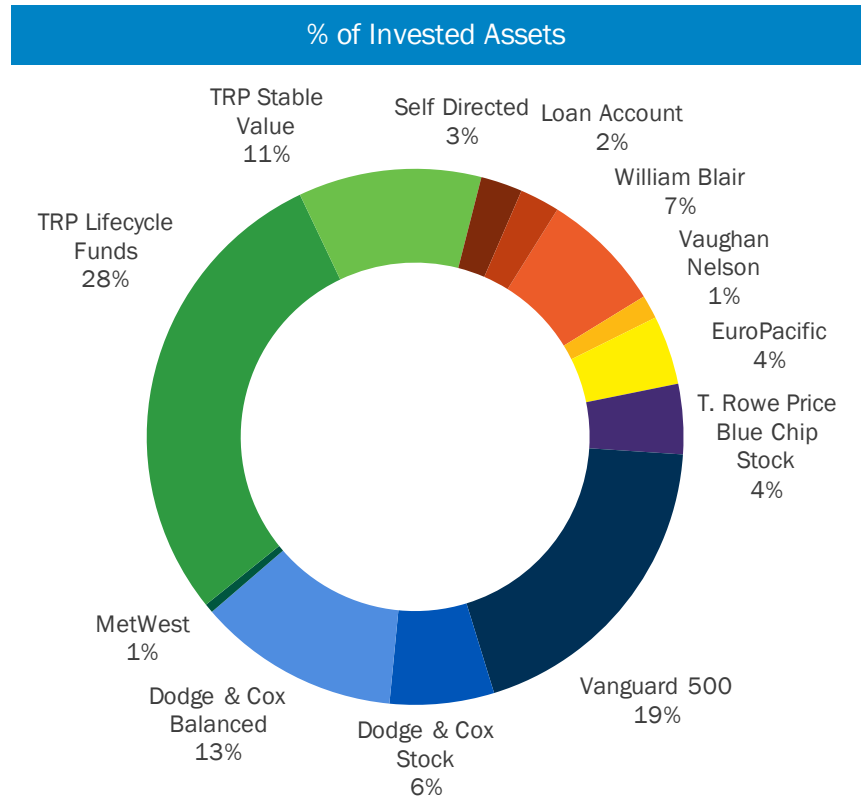


# Bi-State Development Agency 401(k) Retirement Savings Overview

## Investment Option Exposure

As of June 30, 2018

Asset Allocation (\$, millions)		
	1/1/2018	6/30/2018
Investment Option	Assets	Assets
William Blair SMID Growth	\$3.8	\$4.2
Vaughan Nelson Value Opportunity	\$0.8	\$0.8
EuroPacific Growth	\$2.3	\$2.4
T. Rowe Price Blue Chip Stock	\$2.0	\$2.4
Vanguard Index Trust 500	\$10.6	\$10.9
Dodge & Cox Stock	\$3.5	\$3.6
Dodge & Cox Balanced	\$7.2	\$6.9
T. Rowe Price Lifecycle Funds	\$15.3	\$16.4
T. Rowe Price Stable Value	\$6.3	\$6.3
MetWest Total Return	<u>\$0.2</u>	<u>\$0.3</u>
<b>Total</b>	<b>\$52.1</b>	<b>\$54.2</b>
<b>Self-Directed</b>	<b>\$1.3</b>	<b>\$1.4</b>
<b>Loan Account</b>	<b><u>\$1.3</u></b>	<b><u>\$1.4</u></b>
<b>Total Plan Assets</b>	<b>\$54.8</b>	<b>\$57.0</b>





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

## Plan Cash Flow Activity

As of June 30, 2018

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

Calendar Year	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Beginning Assets (\$000)	\$20,273	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	\$54,756
Inflows	2,222	2,141	2,169	2,166	2,322	6,239	3,515	3,981	4,444	2,460
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>(1,949)</u>	<u>(1,731)</u>
Net Cash Flow	(993)	(566)	(545)	885	740	2,493	(118)	433	2,495	729
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>7,779</u>	<u>1492</u>
Ending Market Value (\$000)	\$23,312	\$24,987	\$23,794	\$27,252	\$34,404	\$39,218	\$39,185	\$44,482	\$54,756	\$56,977
Loan Balance (\$000)	\$569	\$626	\$632	\$925	\$1,042	\$1,288	\$1,084	\$1,255	\$1,338	\$1,369



# Benchmark Definitions

## Investment Option

MetWest Total Return

T. Rowe Price Stable Value

T. Rowe Price Lifecycle Funds

Dodge & Cox Balanced

Dodge & Cox Stock

Vanguard 500 Index

T. Rowe Price Blue Chip Growth Stock Fund

EuroPacific Growth

Vaughan Nelson Value Opportunity

William Blair Small/Mid Growth

## Benchmark

Barclays Aggregate Bond Index

Average GIC Pooled Fund

Custom Target Benchmark

60% S&P 500 Index/40% Barclays Capital Aggregate Bond Index

Russell 1000 Value Index

S&P 500 Index

Russell 1000 Growth Index

MSCI EAFE Index

Russell Mid Cap Value Index

Russell 2000 Growth Index



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

## Equity Options Performance Summary

As of June 30, 2018

Manager	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
Dodge & Cox Stock Fund	2.8	1.0	12.8	9.7	7.7	7/20/06
Russell 1000 Value Index	1.2	-1.7	10.3	8.5	7.0	
Vanguard 500 Index Fund	3.4	2.6	13.4	10.1	7.1	1/2/98
S&P 500 Index	3.4	2.6	13.4	10.2	7.1	
T. Rowe Price Blue Chip Growth Stock Fund	5.7	11.8	18.8	13.1	28.3	5/3/17
Russell 1000 Growth Index	5.8	7.3	16.4	11.8	21.6	
Vaughan Nelson Value Opportunity	1.8	-0.5	8.9	–	1.9	7/14/15
Russell Mid Cap Value Index	2.4	-0.2	11.3	10.1	8.7	
William Blair SMID Growth	5.4	10.9	15.6	13.3	10.7	3/16/06
Russell 2000 Growth Index	7.2	9.7	13.6	11.2	9.0	
American Funds EuroPacific Growth	-2.9	-2.0	8.0	4.5	6.6	6/4/01
MSCI EAFE Index	-1.2	-2.7	6.4	2.8	5.0	

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



# Bi-State Development Agency 401(k) Retirement Savings Program Balanced and Fixed Income Options Performance Summary

## As of June 30, 2018

Manager	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
Dodge & Cox Balanced Fund	1.5	0.0	9.6	8.4	8.2	1/2/98
Blended Benchmark	2.0	1.0	9.0	7.8	6.1	
MetWest Total Return Fund	-0.1	-1.4	2.5	5.5	0.0	6/30/16
Barclays Aggregate Bond Index	-0.2	-1.6	2.3	3.7	-0.4	
T. Rowe Price Retirement Income	0.3	0.1	5.3	5.4	5.0	1/31/08
T. Rowe Price Retirement 2005	0.1	-0.3	5.6	5.6	5.2	1/31/08
T. Rowe Price Retirement 2010	0.2	-0.2	6.2	5.9	5.4	1/31/08
T. Rowe Price Retirement 2015	0.4	0.1	7.1	6.5	5.9	1/31/08
T. Rowe Price Retirement 2020	0.4	0.4	8.1	7.0	6.4	1/31/08
T. Rowe Price Retirement 2025	0.6	0.6	8.9	7.4	6.8	1/31/08
T. Rowe Price Retirement 2030	0.7	0.9	9.6	7.8	7.1	1/31/08
T. Rowe Price Retirement 2035	0.8	1.1	10.1	8.0	7.4	1/31/08
T. Rowe Price Retirement 2040	0.9	1.2	10.5	8.3	7.6	1/31/08
T. Rowe Price Retirement 2045	1.0	1.4	10.6	8.3	7.7	1/31/08
T. Rowe Price Retirement 2050	0.9	1.4	10.6	8.3	7.7	1/31/08
T. Rowe Price Retirement 2055	1.0	1.3	10.6	8.3	7.7	1/31/08
T. Rowe Price Retirement 2060	1.0	1.4	10.6	--	2.7	6/30/16
T. Rowe Price Stable Value Fund	0.3	0.8	1.9	2.7	4.2	12/31/94
Stable Value Universe	0.3	0.7	1.3	1.7	3.7	

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



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# Manager Performance Review

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# Dodge & Cox Stock

As of 6/30/2018

## Portfolio Statistics

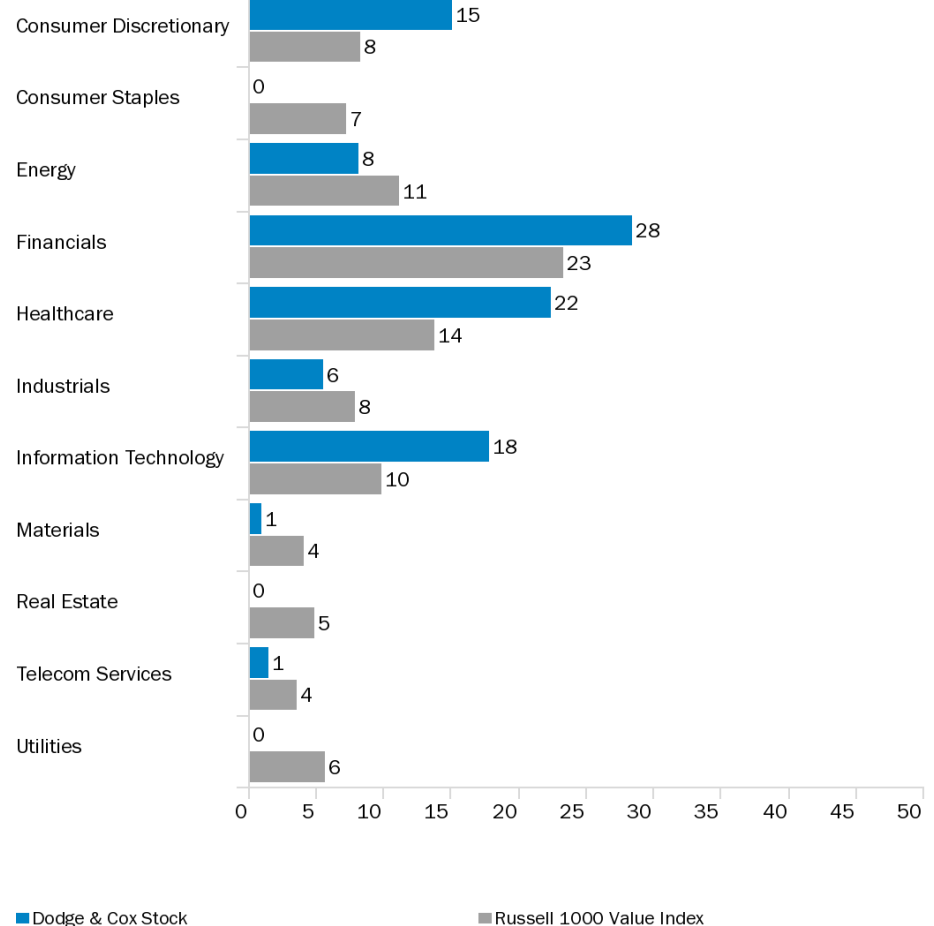
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	142.7	116.2
P/E Ratio	16.4	16.2
P/B Ratio	2.1	2.0
Dividend Yield (%)	1.8	2.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Charles Schwab Corp	Financials	4.0	-0.1
Capital One Financial Corp	Financials	3.7	-6.9
Wells Fargo & Co	Financials	3.6	-7.3
Bank of America Corporation	Financials	3.6	-3.7
Microsoft Corp	Information Technology	3.1	16.3
Comcast Corp Class A	Consumer Discretionary	3.1	-17.2
Charter Communications Inc A	Consumer Discretionary	2.8	-12.7
Alphabet Inc C	Information Technology	2.8	6.6
Time Warner Inc	Consumer Discretionary	2.6	3.8
JPMorgan Chase & Co	Financials	2.6	-1.5

## Sector Allocation (%)



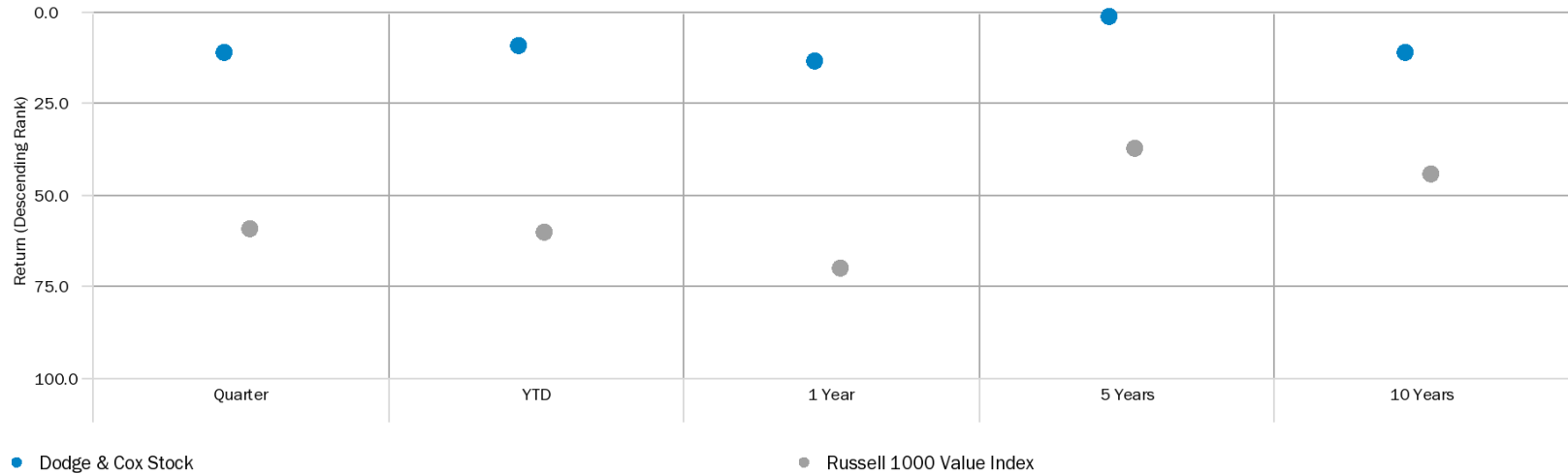
Source: Morningstar Direct



# Dodge & Cox Stock

As of 6/30/2018

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



## Trailing Returns (%)

	Quarter	YTD	1 Year	5 Years	10 Years
Dodge & Cox Stock	2.8	1.0	11.9	12.8	9.7
Peer group percentile	11	9	13	1	11
Russell 1000 Value Index	1.2	-1.7	6.8	10.3	8.5
Peer group percentile	59	60	70	37	44
25th Percentile	2.2	-0.3	10.4	10.8	9.2
50th Percentile	1.4	-1.3	8.4	9.9	8.3
75th Percentile	0.5	-2.2	6.4	9.0	7.3

Source: Morningstar Direct



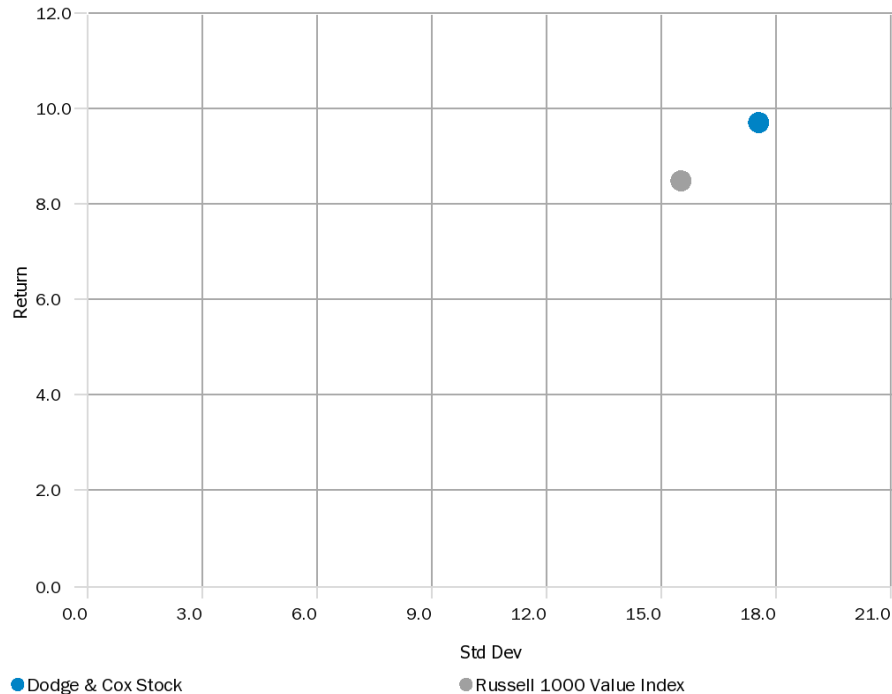
# Dodge & Cox Stock

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	18.3	1.0	10.9	12.8	9.7
Russell 1000 Value Index	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	13.7	-1.7	8.3	10.3	8.5

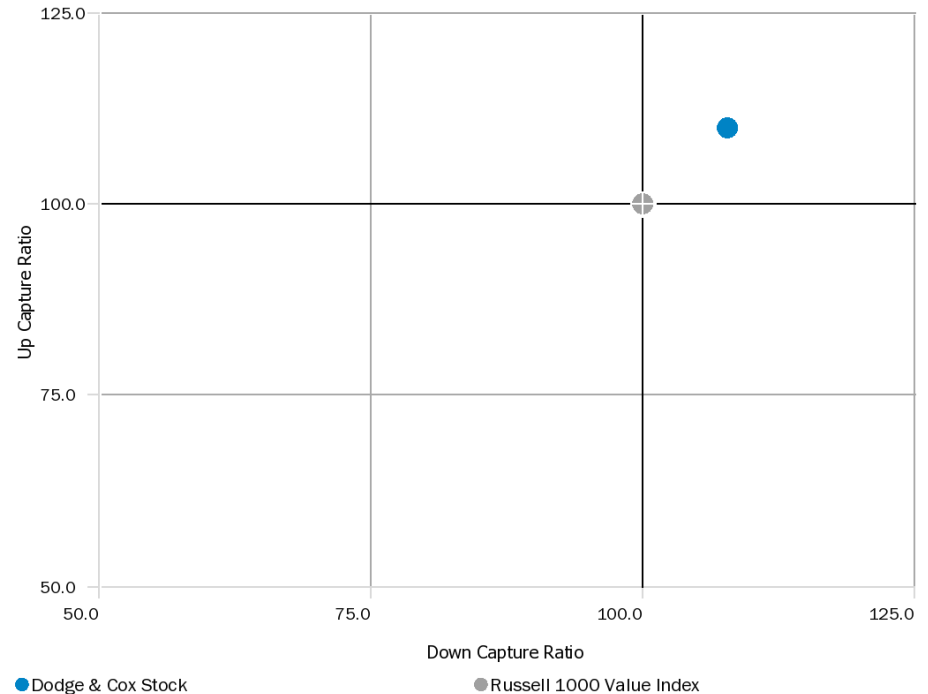
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

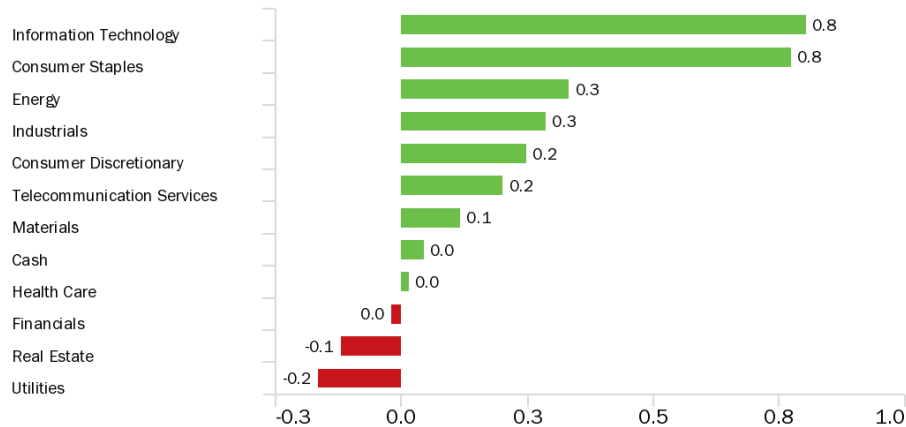


# Dodge & Cox Stock

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Twenty-First Century Fox Inc Class A	1.9	44.6	0.7
Anadarko Petroleum Corp	2.1	37.6	0.5
Microsoft Corp	3.1	16.3	0.3
GlaxoSmithKline PLC ADR	1.7	17.2	0.2
Union Pacific Corp	1.4	6.8	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Comcast Corp Class A	2.9	-17.3	-0.6
Charter Communications Inc A	2.5	-12.7	-0.3
Micro Focus International PLC ADR	0.5	-48.0	-0.3
Cigna Corp	1.6	-16.3	-0.3
DISH Network Corp Class A	0.5	-29.6	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.6	2.6	0.2	6.7	1.2	0.1	0.1	0.1	0.2
Consumer Staples	0.2	-9.4	0.0	7.5	-11.7	-0.9	0.8	0.0	0.8
Energy	8.3	15.7	1.3	11.1	7.8	0.9	-0.2	0.6	0.3
Financials	28.4	-4.5	-1.3	27.1	-4.6	-1.2	0.0	0.0	0.0
Health Care	22.3	-0.5	-0.1	14.2	0.2	0.0	0.2	-0.2	0.0
Industrials	5.3	-4.9	-0.3	8.2	-7.3	-0.6	0.2	0.1	0.3
Information Technology	18.0	6.1	1.1	9.0	5.0	0.4	0.6	0.2	0.8
Materials	1.0	4.7	0.0	3.0	-3.5	-0.1	0.0	0.1	0.1
Real Estate	0.0		0.0	4.6	0.6	0.0	-0.1	0.0	-0.1
Telecommunication Services	1.5	-4.5	-0.1	2.8	-9.7	-0.3	0.1	0.1	0.2
Utilities	0.0		0.0	5.8	1.0	0.1	-0.2	0.0	-0.2
Cash	1.2	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.8	0.8	100.0	-1.7	-1.7	1.5	1.0	2.5

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

Source: Morningstar Direct



# Vanguard 500 Index

As of 6/30/2018

## Portfolio Statistics

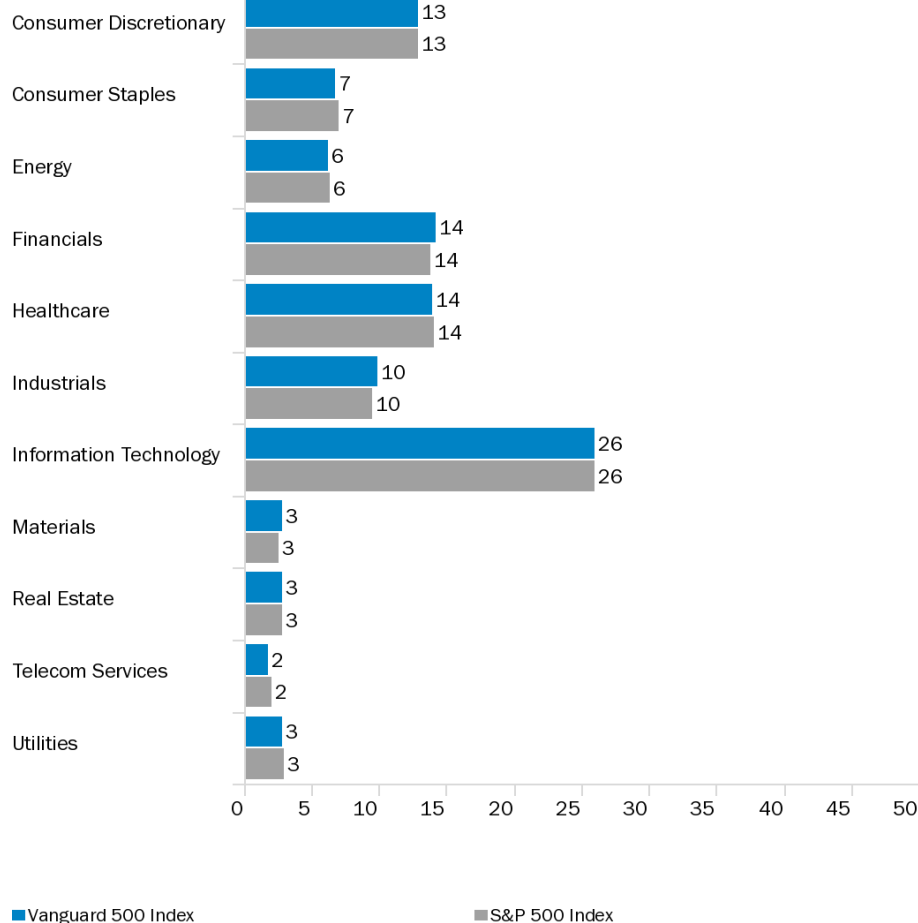
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	218.5	217.5
P/E Ratio	21.0	21.0
P/B Ratio	3.2	3.2
Dividend Yield (%)	1.9	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Apple Inc	Information Technology	4.1	10.2
Microsoft Corp	Information Technology	3.3	16.3
Amazon.com Inc	Consumer Discretionary	2.8	45.3
Facebook Inc A	Information Technology	2.0	10.1
JPMorgan Chase & Co	Financials	1.6	-1.5
Berkshire Hathaway Inc B	Financials	1.5	-5.8
Exxon Mobil Corp	Energy	1.5	0.8
Alphabet Inc C	Information Technology	1.4	6.6
Alphabet Inc A	Information Technology	1.4	7.2
Johnson & Johnson	Health Care	1.4	-11.9

## Sector Allocation (%)



Source: Morningstar Direct



# Vanguard 500 Index

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Vanguard 500 Index	3.4	2.6	14.3	13.4	10.2
Peer group percentile	23	24	26	10	16
S&P 500 Index	3.4	2.6	14.4	13.4	10.2
Peer group percentile	23	23	25	9	15
25th Percentile	3.4	2.6	14.4	13.0	9.9
50th Percentile	2.9	1.8	13.0	12.1	9.2
75th Percentile	2.0	0.3	10.6	10.9	8.2

Source: Morningstar Direct



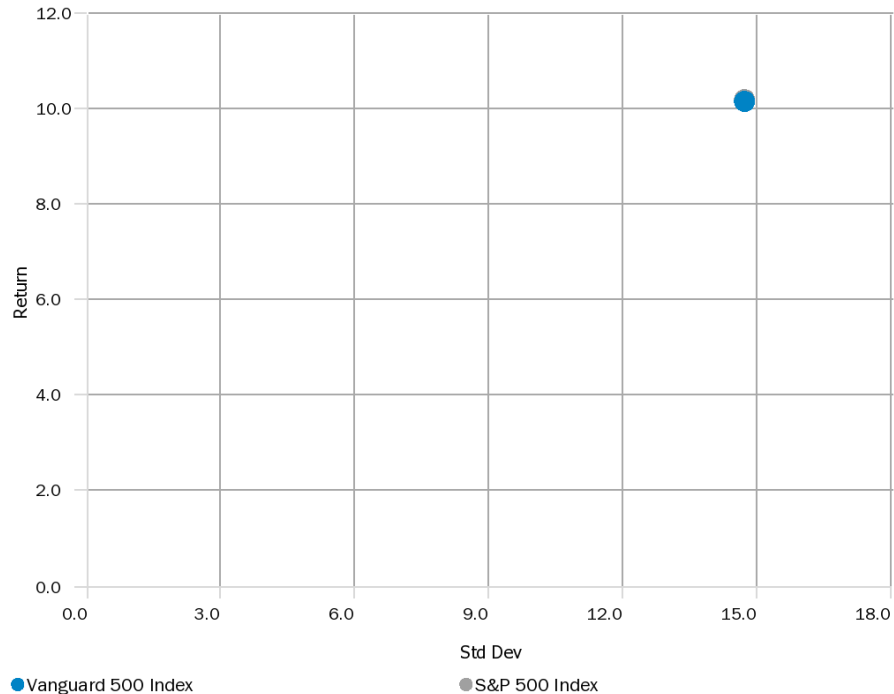
# Vanguard 500 Index

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	21.8	2.6	11.9	13.4	10.2
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2

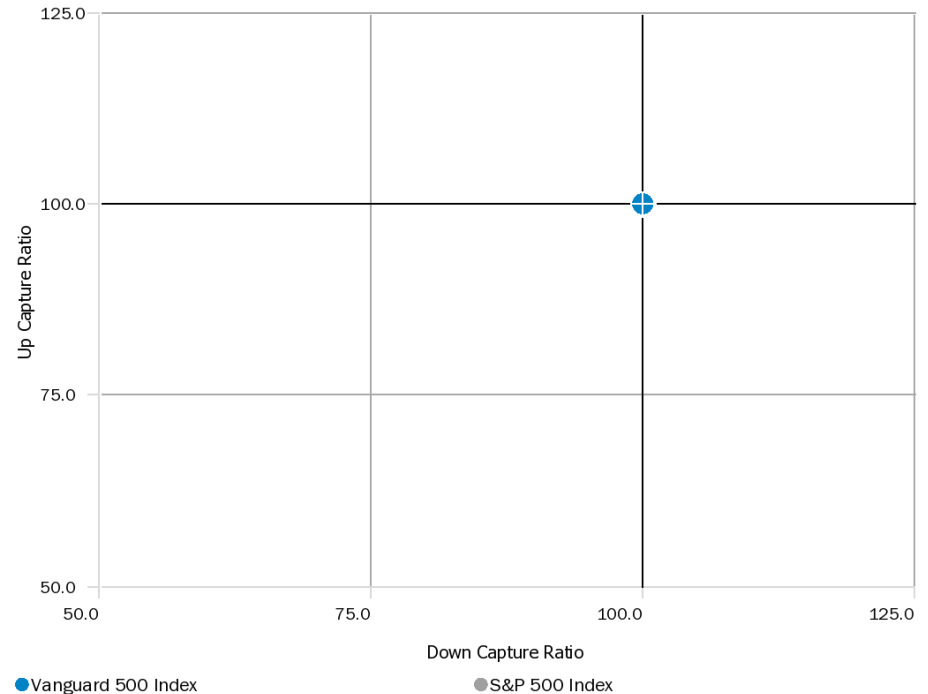
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct



# T. Rowe Price Blue Chip Growth

As of 6/30/2018

## Portfolio Statistics

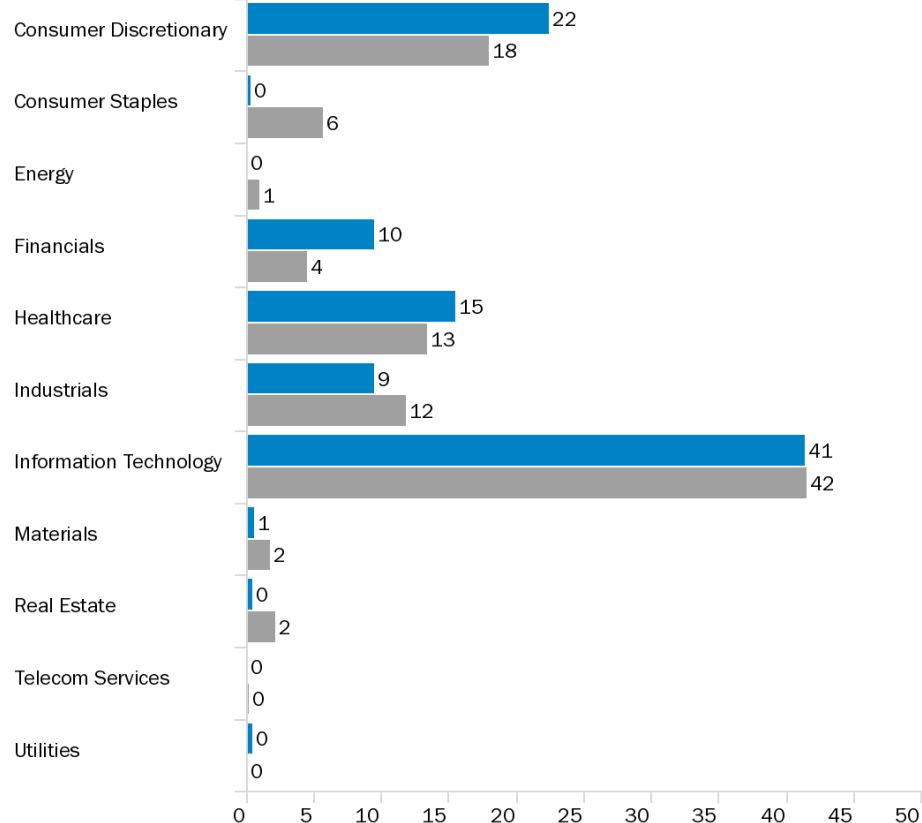
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	298.7	275.2
P/E Ratio	33.6	28.9
P/B Ratio	5.9	7.1
Dividend Yield (%)	0.7	1.2

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Amazon.com Inc	Consumer Discretionary	9.9	45.3
Microsoft Corp	Information Technology	4.5	16.3
Facebook Inc A	Information Technology	4.5	10.1
Booking Holdings Inc	Consumer Discretionary	4.3	16.7
Alphabet Inc C	Information Technology	4.0	6.6
Alibaba Group Holding Ltd ADR	Information Technology	3.7	7.6
Boeing Co	Industrials	3.2	14.9
Visa Inc Class A	Information Technology	3.2	16.5
Mastercard Inc A	Information Technology	2.8	30.2
UnitedHealth Group Inc	Health Care	2.6	12.0

## Sector Allocation (%)



■ T. Rowe Price Blue Chip Growth

■ Russell 1000 Growth Index

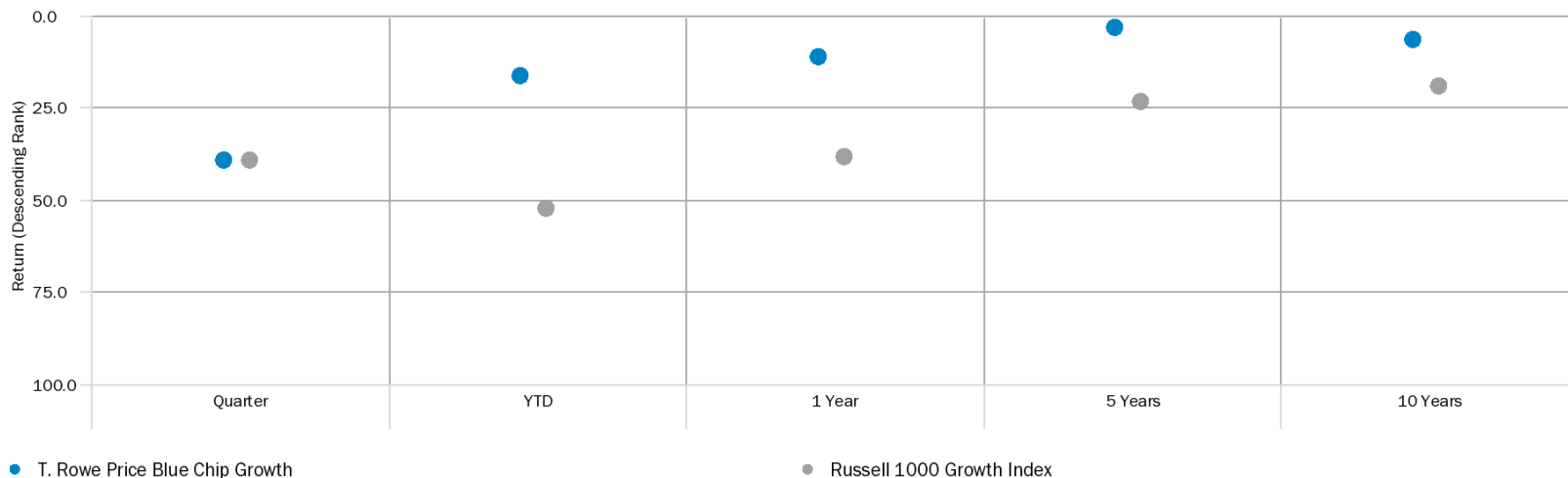
Source: Morningstar Direct



# T. Rowe Price Blue Chip Growth

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
T. Rowe Price Blue Chip Growth	5.7	11.8	28.0	18.8	13.1
Peer group percentile	39	16	11	3	6
Russell 1000 Growth Index	5.8	7.3	22.5	16.4	11.8
Peer group percentile	39	52	38	23	19
25th Percentile	6.4	10.4	24.7	16.2	11.5
50th Percentile	5.2	7.5	21.1	14.8	10.4
75th Percentile	3.6	4.9	16.8	13.1	9.2

Source: Morningstar Direct



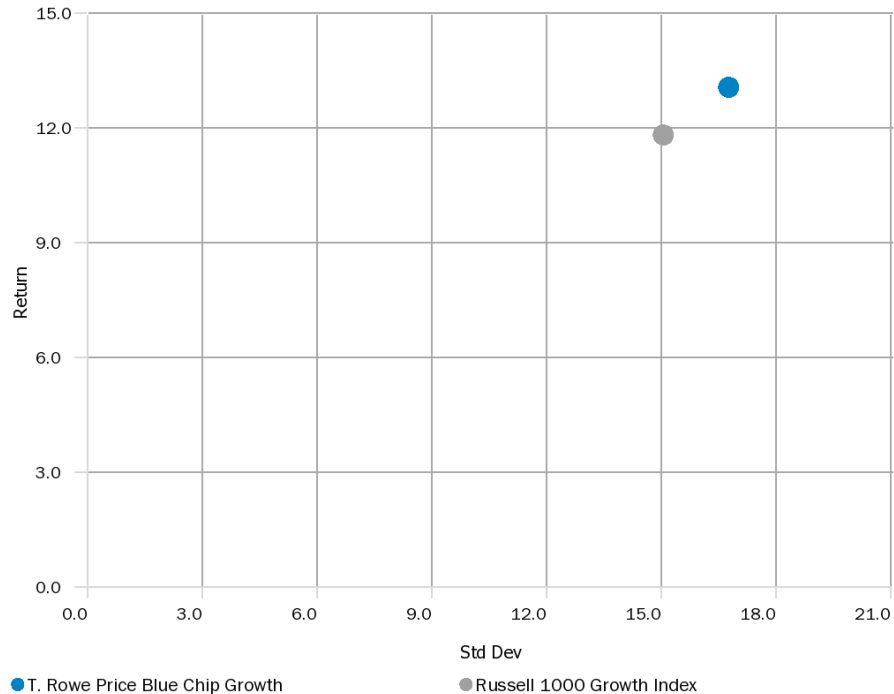
# T. Rowe Price Blue Chip Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T. Rowe Price Blue Chip Growth	-42.6	42.6	16.4	1.5	18.4	41.6	9.3	11.1	1.1	36.7	11.8	17.3	18.8	13.1
Russell 1000 Growth Index	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	30.2	7.3	15.0	16.4	11.8

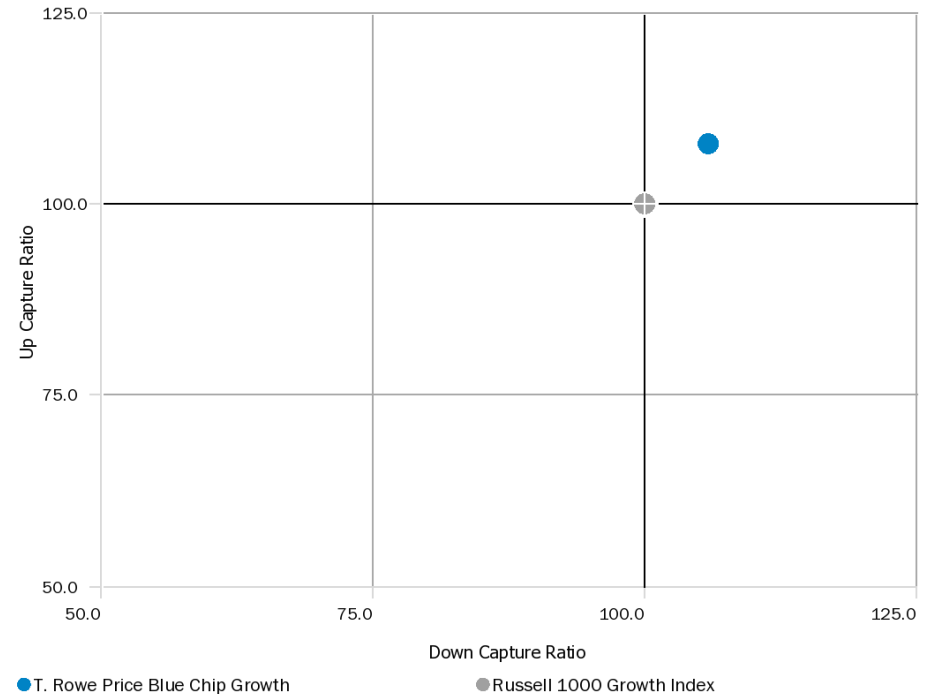
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

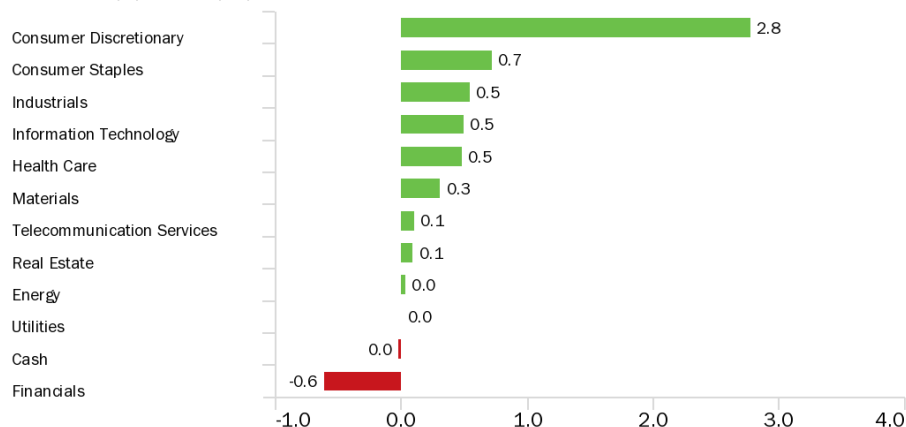


# T. Rowe Price Blue Chip Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Amazon.com Inc	5.6	45.3	1.3
Boeing Co	1.8	14.9	0.4
ServiceNow Inc	1.4	32.3	0.2
Salesforce.com Inc	1.3	33.4	0.2
Mastercard Inc A	1.5	30.2	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
American Airlines Group Inc	1.4	-26.7	-0.4
Tencent Holdings Ltd	2.2	-3.1	-0.3
Morgan Stanley	2.2	-8.8	-0.3
Alibaba Group Holding Ltd ADR	3.7	7.6	-0.2
Cigna Corp	0.7	-16.3	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	22.2	26.7	5.5	18.7	13.9	2.5	0.2	2.6	2.8
Consumer Staples	0.5	-9.9	0.0	6.3	-4.4	-0.3	0.7	0.0	0.7
Energy	0.0		0.0	0.9	3.5	0.0	0.0	0.0	0.0
Financials	8.9	-0.1	-0.1	3.4	4.1	0.1	-0.2	-0.4	-0.6
Health Care	15.9	8.6	1.4	12.7	5.2	0.7	-0.1	0.5	0.5
Industrials	9.0	-0.6	-0.1	12.6	-2.5	-0.3	0.4	0.2	0.5
Information Technology	41.8	13.1	5.5	38.8	12.3	4.7	0.2	0.3	0.5
Materials	0.6	-2.5	0.0	3.5	-2.5	-0.1	0.3	0.0	0.3
Real Estate	0.8	0.1	0.0	2.4	1.7	0.0	0.1	0.0	0.1
Telecommunication Services	0.0		0.0	0.9	-2.9	0.0	0.1	0.0	0.1
Utilities	0.3	9.5	0.0	0.0	8.0	0.0	0.0	0.0	0.0
Cash	0.3	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	12.2	12.2	100.0	7.3	7.3	1.7	3.2	4.9

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

Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Portfolio Statistics

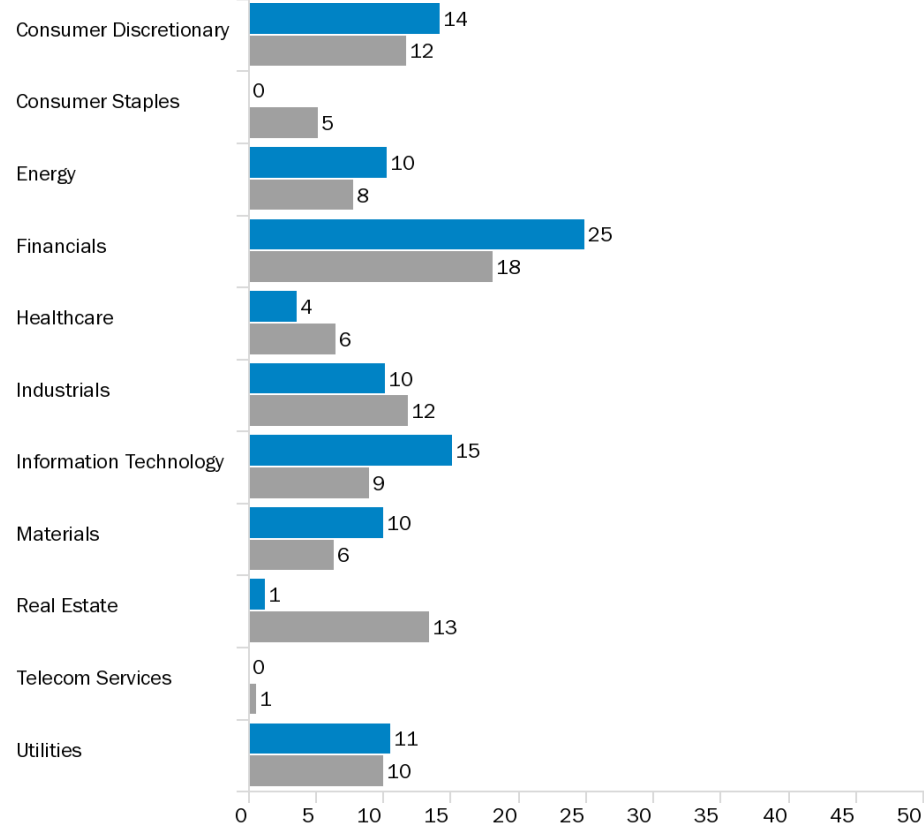
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	10.7	14.2
P/E Ratio	14.8	17.5
P/B Ratio	2.1	1.9
Dividend Yield (%)	1.9	2.1

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
WPX Energy Inc Class A	Energy	3.4	28.1
Bank of N.T Butterfield & Son Ltd	Financials	3.1	28.1
Continental Resources Inc	Energy	2.6	22.3
New Residential Investment Corp	Financials	2.6	3.4
Ares Capital Corp	Financials	2.5	9.5
Centene Corp	Health Care	2.3	22.1
Crown Holdings Inc	Materials	2.2	-20.4
Fidelity National Information Services Inc	Information Technology	2.1	13.4
CACI International Inc Class A	Information Technology	2.1	27.4
Atlantica Yield PLC	Utilities	2.0	-1.9

## Sector Allocation (%)



■ Natixis Vaughan Nelson Value Opp

■ Russell Mid Cap Value Index

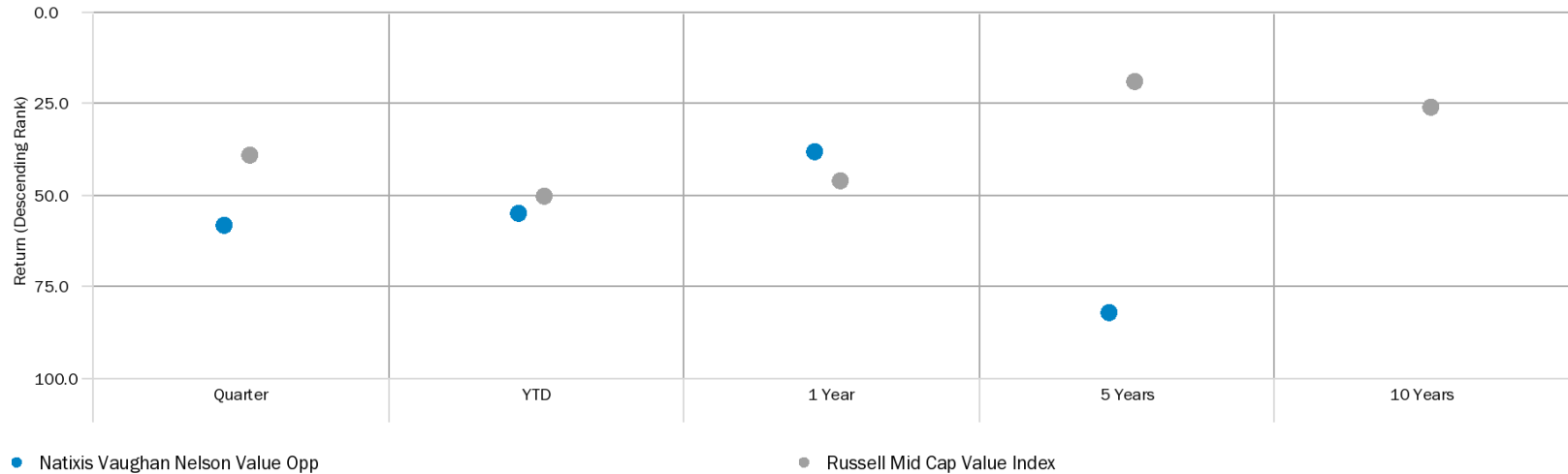
Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	1.8	-0.5	8.3	8.9	
Peer group percentile	58	55	38	82	
Russell Mid Cap Value Index	2.4	-0.2	7.6	11.3	10.1
Peer group percentile	39	50	46	19	26
25th Percentile	3.3	1.4	10.1	10.8	10.1
50th Percentile	2.1	-0.2	7.4	10.0	8.7
75th Percentile	1.0	-1.4	5.9	9.3	8.0

Source: Morningstar Direct



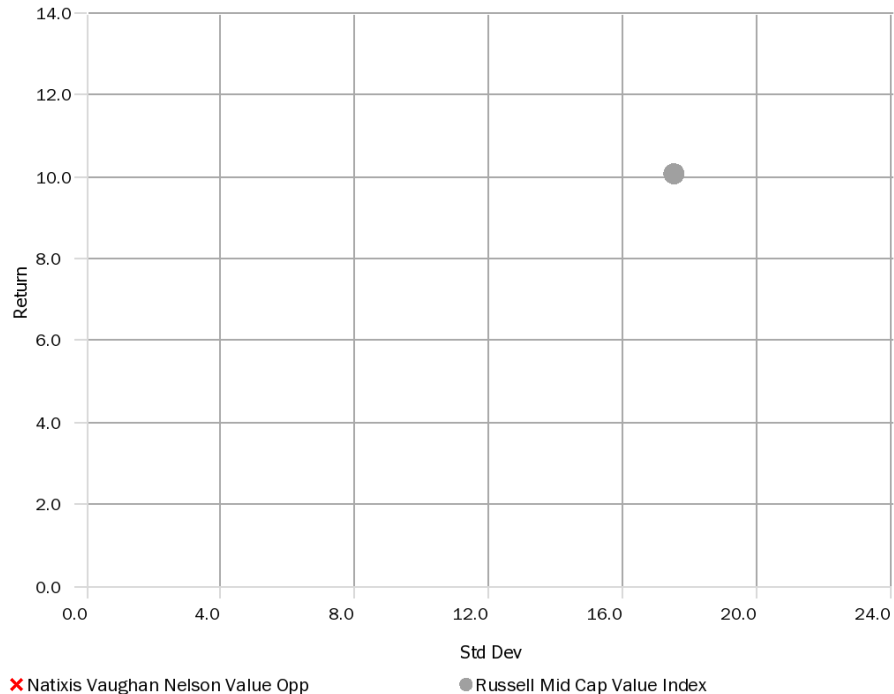
# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	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	13.2	-0.5	2.4	8.9	
Russell Mid Cap Value Index	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	13.3	-0.2	8.8	11.3	10.1

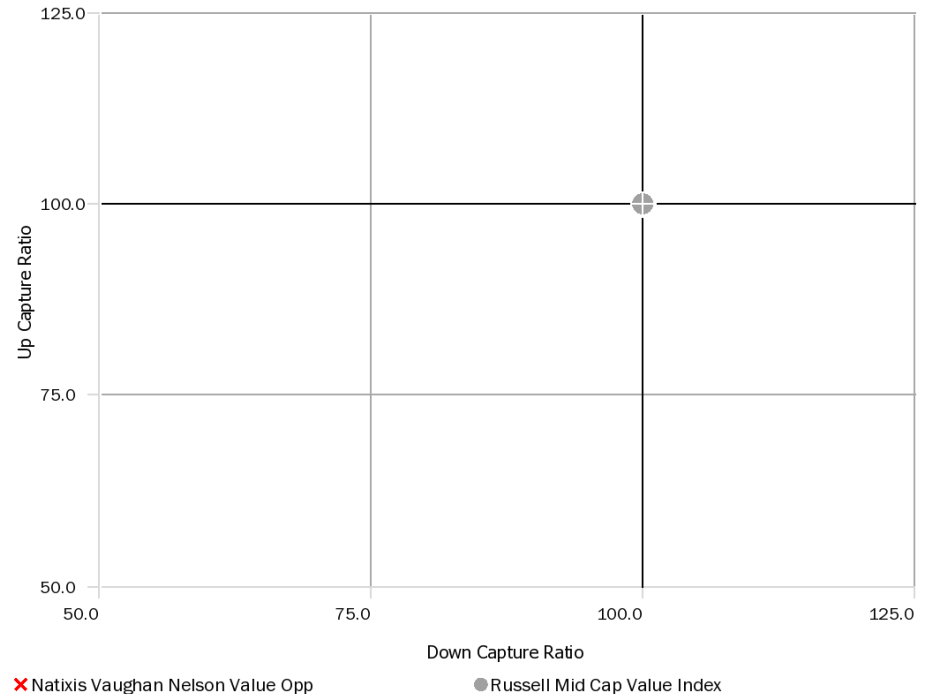
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

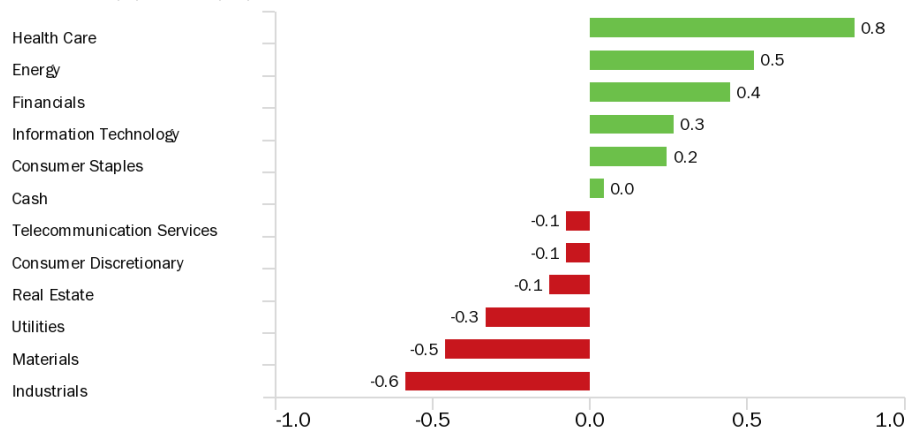


# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Bank of N.T Butterfield & Son Ltd	2.9	28.0	0.7
Centene Corp	1.7	22.1	0.4
WPX Energy Inc Class A	2.7	28.1	0.4
Extended Stay America Inc	2.0	16.2	0.3
KAR Auction Services Inc	1.8	9.9	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Mohawk Industries Inc	1.7	-22.3	-0.4
Crown Holdings Inc	2.2	-20.4	-0.4
NCR Corp	1.7	-11.8	-0.4
Forum Energy Technologies Inc	1.2	-20.6	-0.4
CommScope Holding Co Inc	1.4	-22.8	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	-1.4	-0.3	11.9	-1.9	-0.2	0.0	-0.1	-0.1
Consumer Staples	0.0		0.0	3.9	-6.4	-0.3	0.2	0.0	0.2
Energy	8.7	16.6	1.4	8.4	10.3	0.9	0.0	0.5	0.5
Financials	25.6	-0.1	0.0	20.8	-2.0	-0.4	0.0	0.5	0.4
Health Care	4.0	18.9	0.7	6.5	-2.0	-0.1	0.0	0.8	0.8
Industrials	13.0	-10.8	-1.6	12.0	-7.9	-1.0	-0.1	-0.5	-0.6
Information Technology	15.2	5.8	0.9	6.5	10.6	0.6	1.0	-0.7	0.3
Materials	10.6	-5.7	-0.7	5.6	-2.9	-0.2	-0.1	-0.3	-0.5
Real Estate	1.2	-0.3	0.0	13.7	0.6	0.1	-0.1	0.0	-0.1
Telecommunication Services	0.0		0.0	0.5	15.5	0.1	-0.1	0.0	-0.1
Utilities	4.5	-2.6	0.1	10.2	2.5	0.2	-0.2	-0.2	-0.3
Cash	1.6	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.5	0.5	100.0	-0.2	-0.2	0.7	0.0	0.7

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

Source: Morningstar Direct



# William Blair Small-Mid Cap Gr

As of 6/30/2018

## Portfolio Statistics

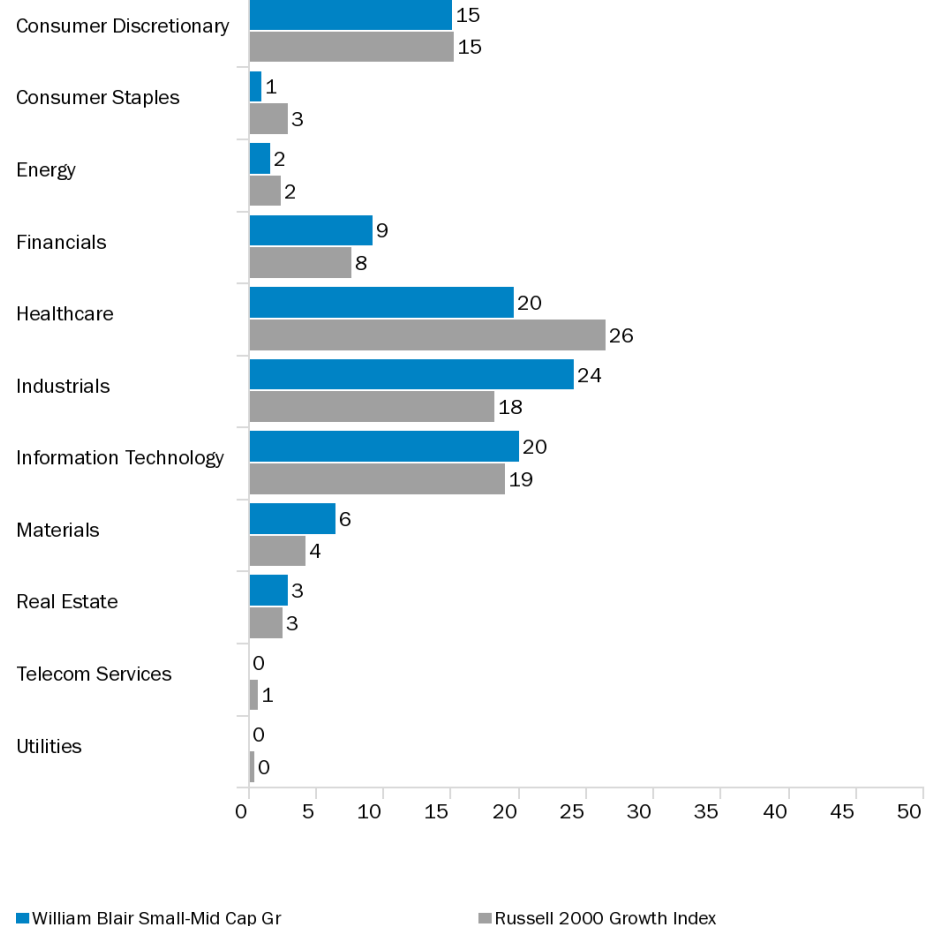
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	7.4	2.5
P/E Ratio	30.1	25.6
P/B Ratio	4.6	4.3
Dividend Yield (%)	0.6	0.6

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
CoStar Group Inc	Industrials	3.2	39.0
Copart Inc	Industrials	3.0	31.0
BWX Technologies Inc	Industrials	2.9	3.6
TransUnion	Industrials	2.3	30.5
Encompass Health Corp	Health Care	2.3	38.1
Booz Allen Hamilton Holding Corp	Information Technology	2.2	15.7
Ligand Pharmaceuticals Inc	Health Care	2.2	51.3
Six Flags Entertainment Corp	Consumer Discretionary	2.1	7.6
Hexcel Corp	Industrials	2.1	7.7
Dominos's Pizza Inc	Consumer Discretionary	2.0	49.9

## Sector Allocation (%)



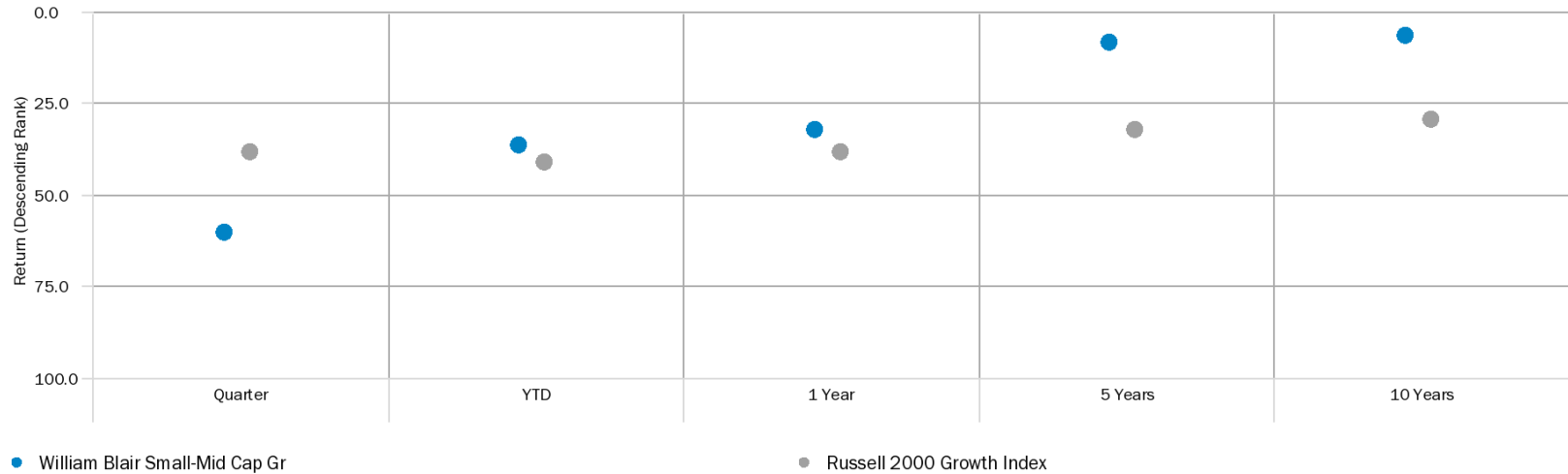
Source: Morningstar Direct



# William Blair Small-Mid Cap Gr

As of 6/30/2018

Peer Group: Open End Funds - U.S. - SMIG



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
William Blair Small-Mid Cap Gr	5.4	10.9	23.1	15.6	13.3
Peer group percentile	60	36	32	8	6
Russell 2000 Growth Index	7.2	9.7	21.9	13.6	11.2
Peer group percentile	38	41	38	32	29
25th Percentile	8.5	12.4	25.0	14.0	11.5
50th Percentile	6.4	8.3	19.6	12.6	10.2
75th Percentile	3.6	5.2	15.6	11.5	9.1

Source: Morningstar Direct



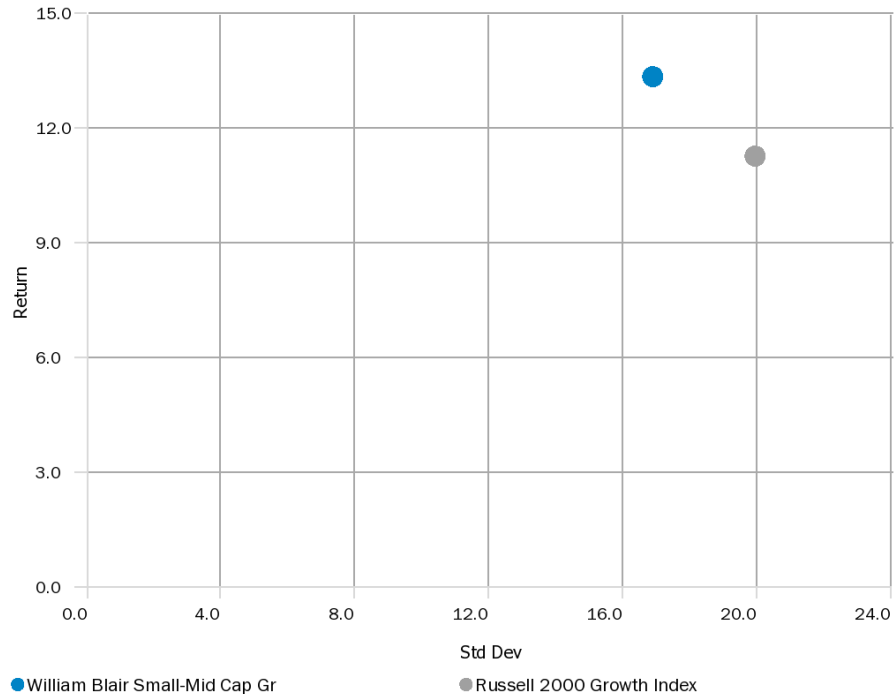
# William Blair Small-Mid Cap Gr

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
William Blair Small-Mid Cap Gr	-37.5	44.3	23.1	0.0	12.4	41.9	8.6	4.7	6.7	28.9	10.9	13.6	15.6	13.3
Russell 2000 Growth Index	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	22.2	9.7	10.6	13.6	11.2

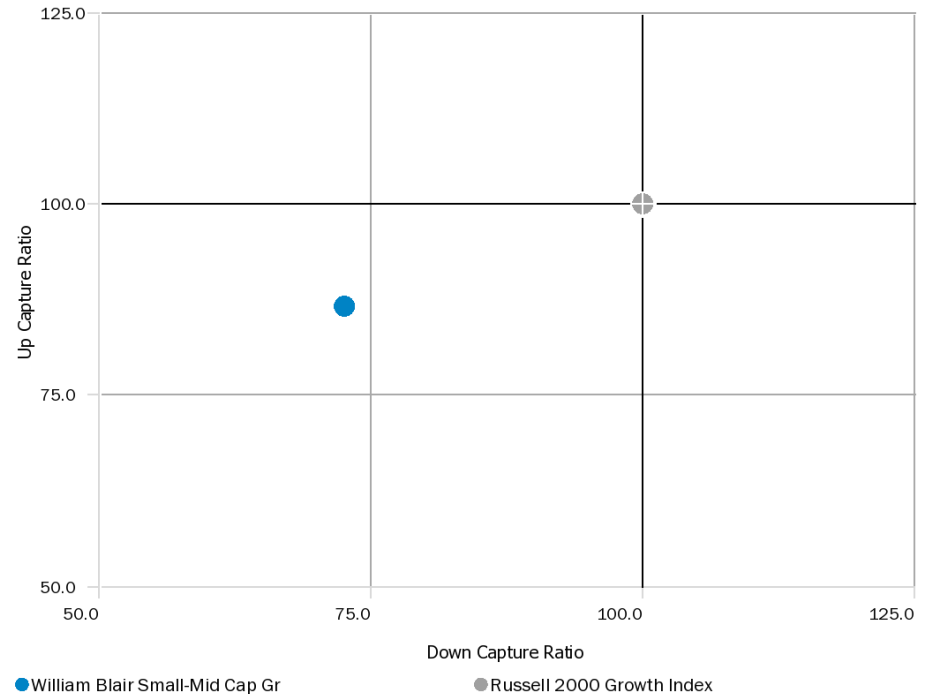
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

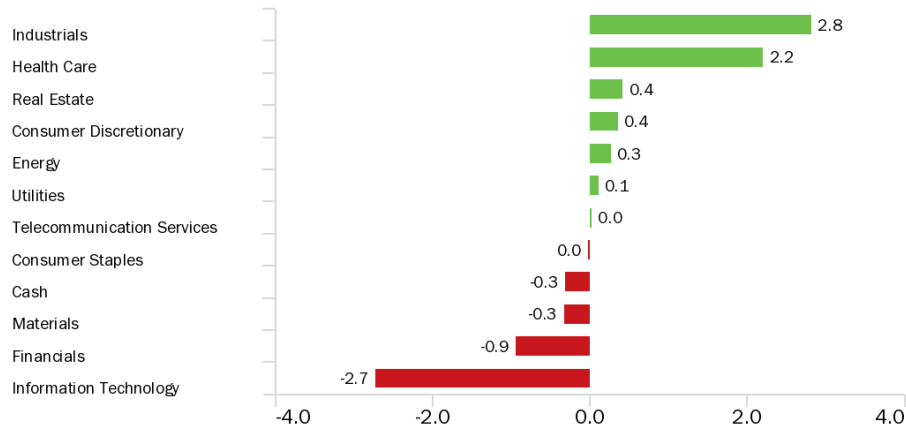


# William Blair Small-Mid Cap Gr

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Abiomed Inc	1.7	118.3	1.2
CoStar Group Inc	3.0	39.0	1.1
Copart Inc	3.3	31.0	1.1
Domino's Pizza Inc	2.4	50.0	0.9
TransUnion	2.0	30.5	0.6

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Rogers Corp	1.5	-31.2	-0.9
Coherent Inc	0.8	-44.6	-0.6
MaxLinear Inc A	0.8	-41.0	-0.6
Hilton Grand Vacations Inc	1.5	-17.3	-0.4
The Middleby Corp	1.7	-22.6	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	9.1	1.5	13.5	7.1	1.0	-0.1	0.4	0.4
Consumer Staples	0.7	15.7	0.1	2.5	11.7	0.3	0.0	0.0	0.0
Energy	1.7	15.5	0.3	1.3	-3.2	0.0	0.0	0.3	0.3
Financials	9.8	-2.5	-0.2	6.1	5.9	0.4	-0.1	-0.8	-0.9
Health Care	17.6	34.1	5.6	25.0	17.1	4.1	-0.6	2.8	2.2
Industrials	22.1	13.4	2.9	17.9	-1.4	-0.3	-0.4	3.2	2.8
Information Technology	20.4	5.7	1.3	24.6	18.5	4.3	-0.2	-2.6	-2.7
Materials	6.5	-1.2	-0.1	4.4	0.6	0.0	-0.2	-0.1	-0.3
Real Estate	3.1	14.1	0.4	3.2	0.8	0.0	0.0	0.4	0.4
Telecommunication Services	0.0		0.0	0.8	8.1	0.1	0.0	0.0	0.0
Utilities	0.0		0.0	0.7	-4.8	0.0	0.1	0.0	0.1
Cash	2.7	0.9	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	11.7	11.7	100.0	9.9	9.9	-1.7	3.5	1.8

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

Source: Morningstar Direct



# American Funds Europacific Growth

As of 6/30/2018

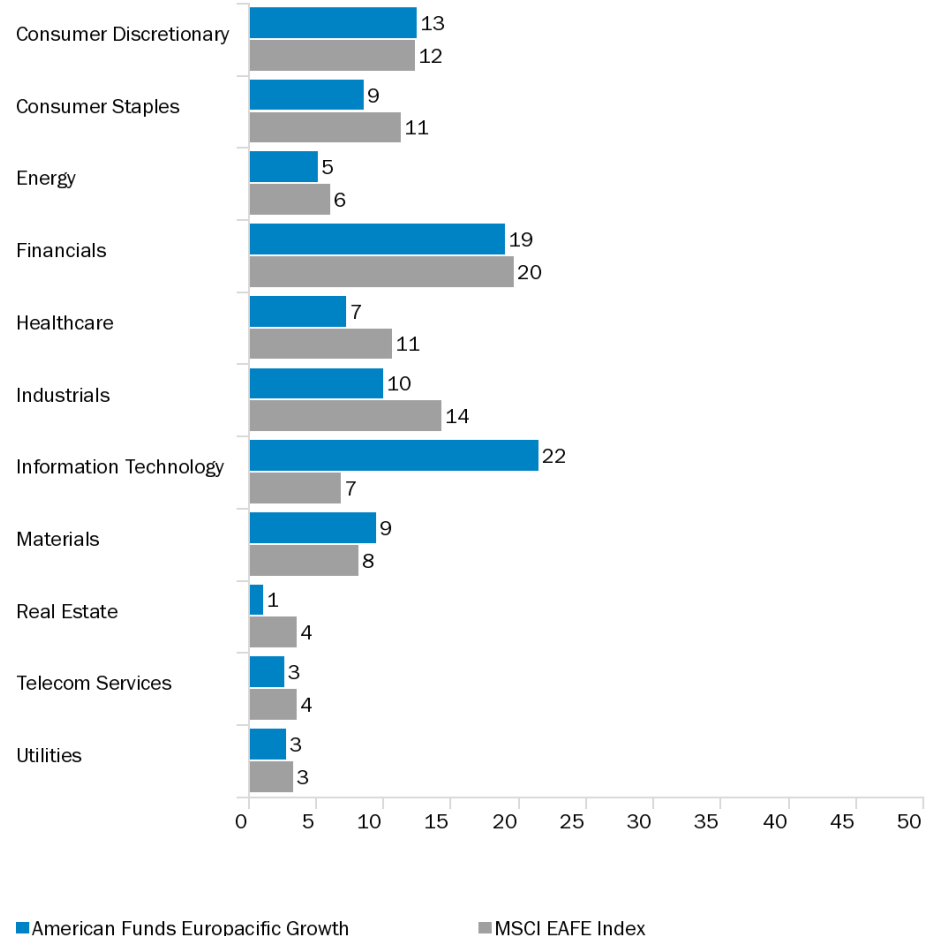
## Regional Allocation (%)

	Manager	Index
North America	6.1	0.9
Latin America Emerging	3.9	0.0
United Kingdom	12.3	17.2
Europe Developed	26.9	45.0
Europe Emerging	0.8	0.0
Africa/Middle East	1.7	0.5
Japan	14.1	24.6
Australia/New Zealand	0.8	6.6
Asia Developed	15.4	4.8
Asia Emerging	18.1	0.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Samsung Electronics Co Ltd	Information Technology	2.6	-11.4
AIA Group Ltd	Financials	2.6	3.7
Airbus SE	Industrials	2.3	19.2
British American Tobacco PLC	Consumer Staples	2.2	-23.6
Alibaba Group Holding Ltd ADR	Information Technology	2.1	7.6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	-4.5
Nintendo Co Ltd	Information Technology	2.0	-9.4
HDFC Bank Ltd	Financials	1.9	5.5
Reliance Industries Ltd	Energy	1.9	-1.0
ASML Holding NV	Information Technology	1.6	14.6

## Sector Allocation (%)



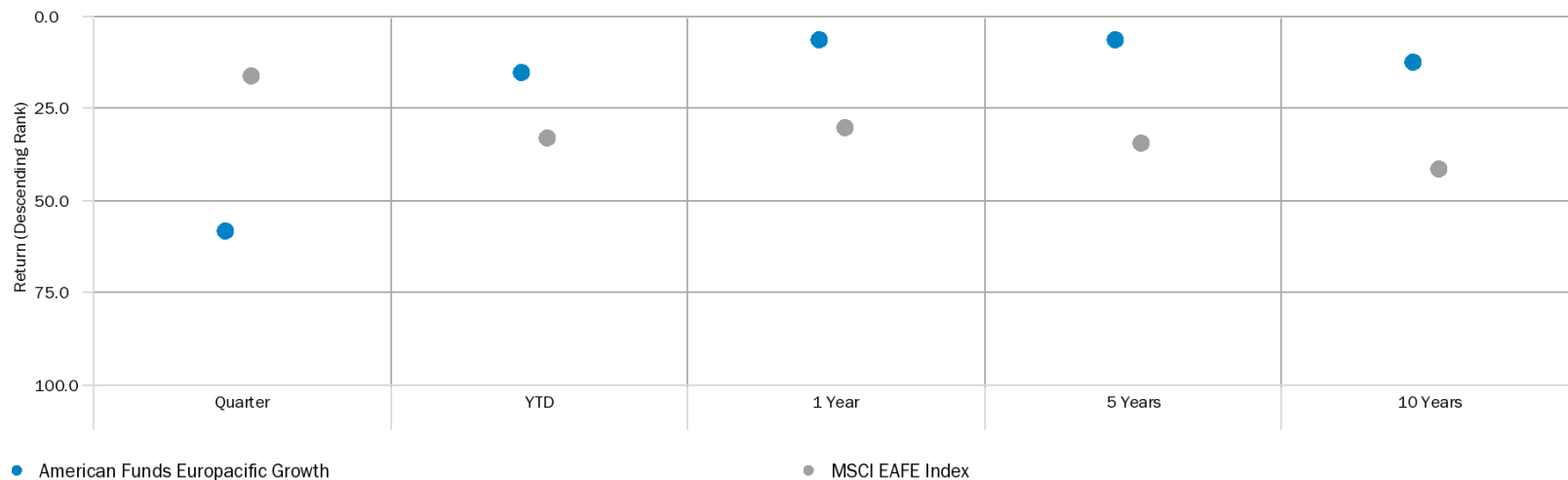
Source: Morningstar Direct



# American Funds Europacific Growth

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
American Funds Europacific Growth	-2.9	-2.0	9.0	8.0	4.5
Peer group percentile	58	15	6	6	12
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	16	33	30	34	41
25th Percentile	-1.6	-2.5	7.1	6.7	3.5
50th Percentile	-2.6	-3.3	6.1	5.9	2.6
75th Percentile	-3.6	-4.3	4.6	5.1	1.7

Source: Morningstar Direct



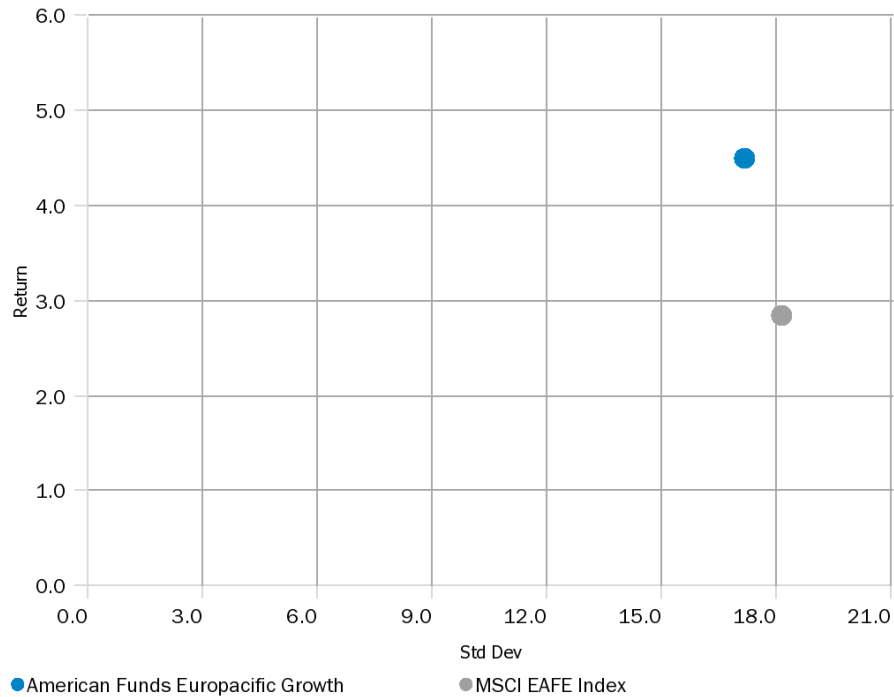
# American Funds Europacific Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	-40.5	39.1	9.4	-13.6	19.2	20.2	-2.6	-0.8	0.7	30.7	-2.0	6.1	8.0	4.5
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

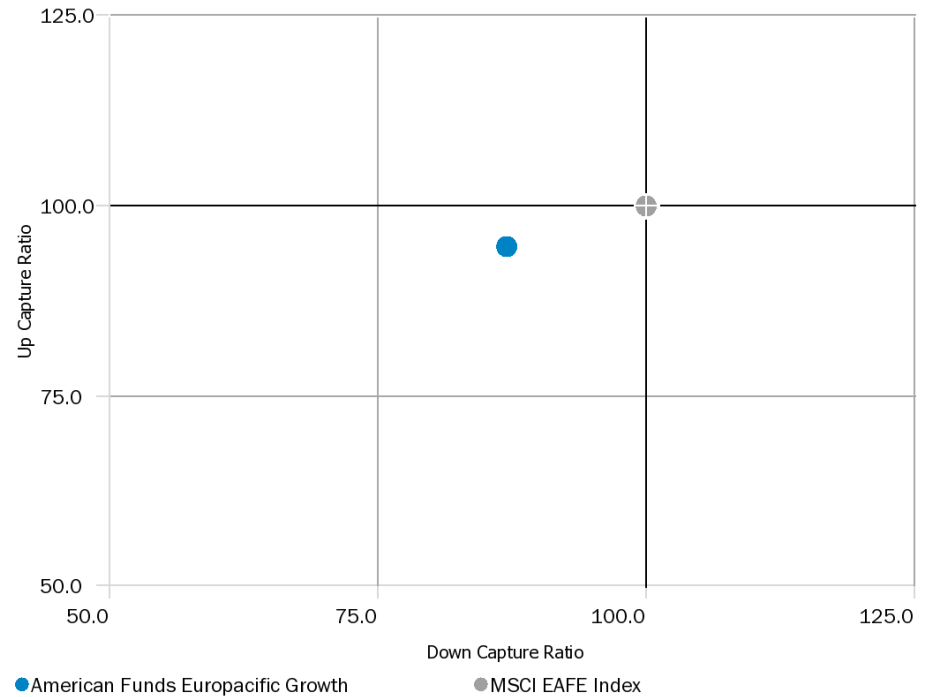
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

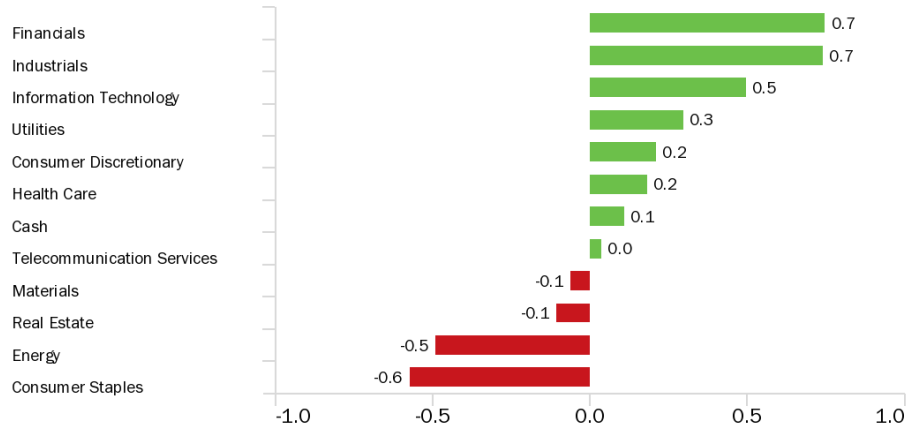


# American Funds Europacific Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Airbus SE	1.8	19.4	0.4
Kotak Mahindra Bank Ltd	1.1	23.8	0.3
HDFC Bank Ltd	2.0	5.5	0.3
AIA Group Ltd	1.9	3.6	0.2
Teva Pharmaceutical Industries Ltd ADR	0.3	28.3	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Samsung Electronics Co Ltd	2.9	-11.4	-0.4
British American Tobacco PLC	1.3	-23.6	-0.4
Reliance Industries Ltd	2.0	-1.0	-0.2
Kroton Educacional SA	0.3	-55.6	-0.2
AAC Technologies Holdings Inc	0.5	-20.0	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.4	-0.2	0.0	12.5	-1.8	-0.2	0.0	0.2	0.2
Consumer Staples	8.5	-8.7	-0.8	11.0	-2.2	-0.2	0.0	-0.5	-0.6
Energy	5.4	0.6	0.0	5.5	9.3	0.5	-0.1	-0.4	-0.5
Financials	18.6	-4.5	-0.8	21.1	-7.7	-1.6	0.1	0.6	0.7
Health Care	6.7	5.6	0.4	10.1	1.5	0.2	-0.1	0.3	0.2
Industrials	9.2	4.6	0.4	14.5	-3.3	-0.5	0.0	0.7	0.7
Information Technology	21.2	0.8	0.2	6.6	1.0	0.1	0.5	0.0	0.5
Materials	8.1	-4.0	-0.3	8.2	-3.0	-0.2	0.1	-0.1	-0.1
Real Estate	1.1	-9.8	-0.1	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	2.8	-9.0	-0.3	3.8	-8.2	-0.3	0.1	0.0	0.0
Utilities	2.7	14.6	0.4	3.2	2.3	0.1	0.0	0.3	0.3
Cash	3.3	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-0.8	-0.8	100.0	-2.4	-2.4	0.7	0.9	1.6

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

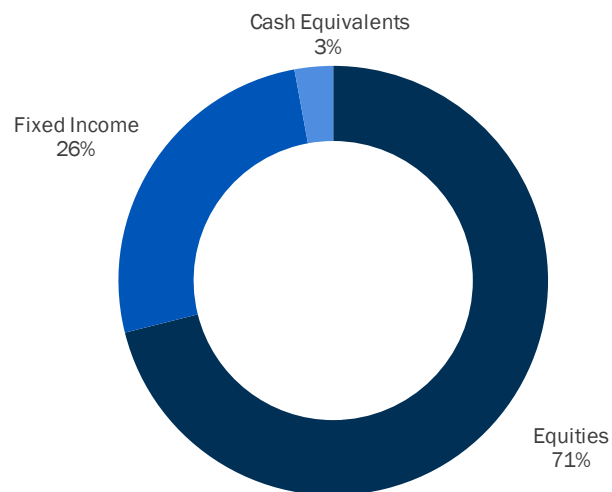
Source: Morningstar Direct



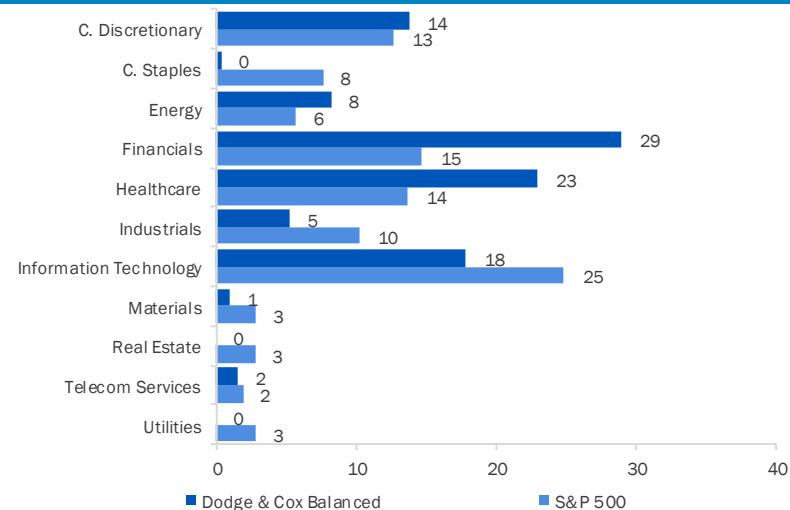
# Dodge & Cox Balanced

As of 3/31/2018

## Asset Allocation



## Sector Allocation (%)



## Top Ten Holdings

	Sector	% of Portfolio
Charles Schwab Corp	Financials	2.7%
Capital One Financial Corp	Financials	2.5%
Wells Fargo & Co	Financials	2.5%
Bank of America Corp	Financials	2.4%
Microsoft Corp	Info Tech	2.1%
Comcast Corp	Telecom Services	2.1%
Alphabet, Inc	Info Tech	1.9%
Charter Communication	Telecom Services	1.9%
Time Warner	C. Discretionary	1.8%
JP Morgan Chase & Co	Financials	<u>1.8%</u>
		21.6%

## Portfolio Bond Characteristics

	Dodge & Cox	BC Agg Index
Duration	4.3 yrs	6.1 yrs
Average Maturity	8.7 yrs	8.4 yrs
Average Quality	A	AA
Yield-to-Maturity	3.7%	3.1%
% Non-Investment Grade	8%	0%

Note: Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



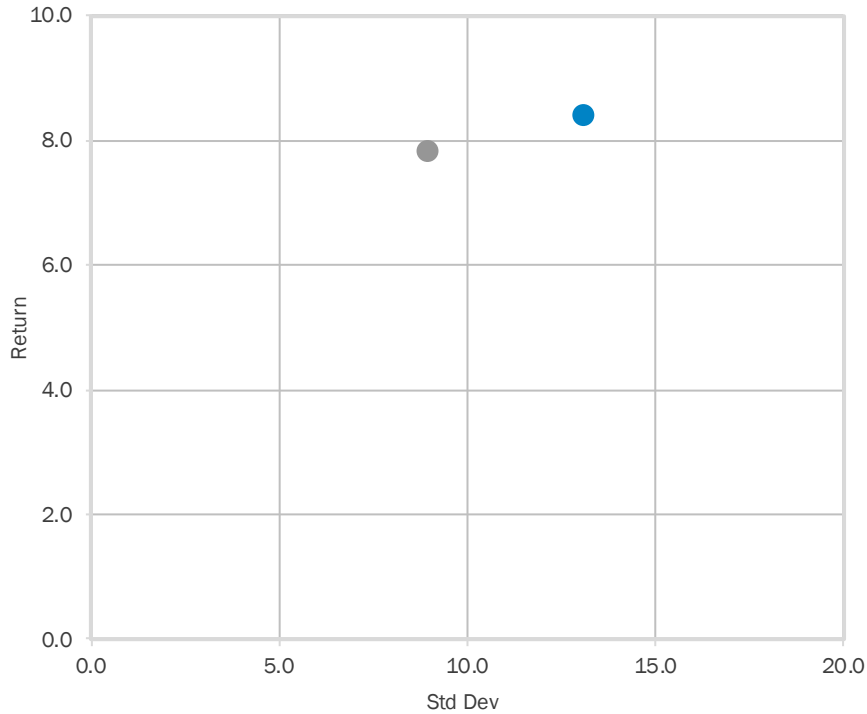
# Dodge & Cox Balanced

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Balanced	-33.6	28.4	12.2	-1.7	18.3	28.4	8.9	-2.9	16.6	12.6	0.0	8.0	9.6	8.4
60% S&P 500 / 40% BC Agg	-22.1	18.4	12.1	4.7	11.3	17.6	10.6	1.3	8.3	14.2	1.0	7.9	9.0	7.8

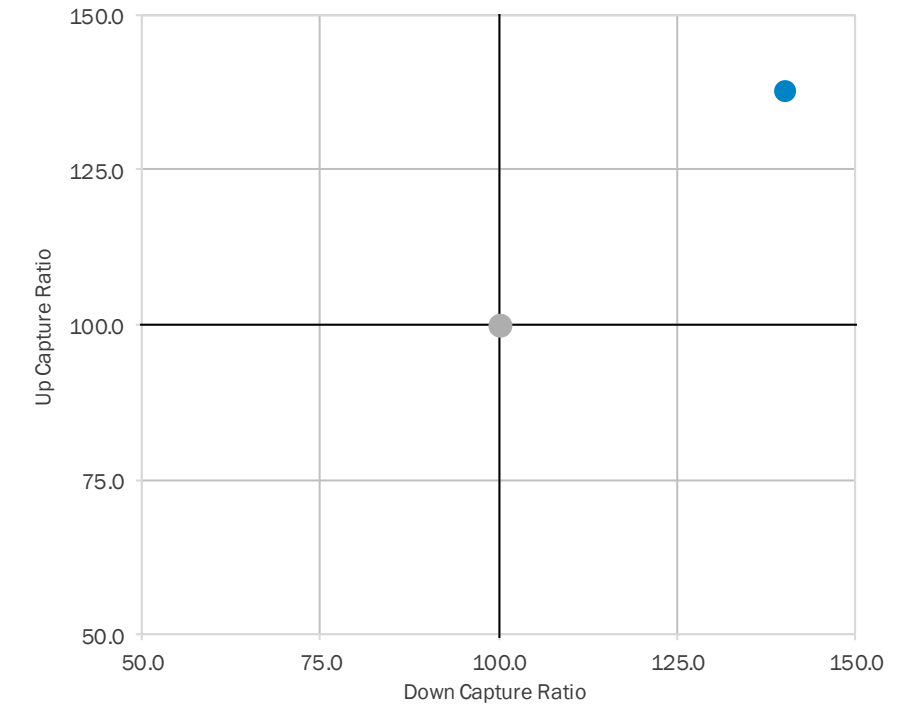
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





# Fixed Income Overview: MetWest Total Return Bond

As of 3/31/2018

Portfolio Characteristics	MetWest Total Return Bond	Barclays Aggregate Bond
Duration	6.1 yrs	6.1 yrs
Average Maturity	7.7 yrs	8.4 yrs
Average Quality	–	AA
Yield to Maturity	3.6%	3.1%

Maturity Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
0-1 Years	6%	0%
1-3 Years	16%	21%
3-5 Years	19%	18%
5-10 Years	44%	44%
10-20 Years	5%	4%
20+ Years	11%	12%

Sector Allocation	MetWest Total Return Bond	Barclays Aggregate Bond
Cash	-4%	0%
U.S. Treasury	25%	37%
Direct Agency	0%	2%
Agency Mortgages	26%	28%
Non-Agency Mortgages	7%	0%
CMBS	6%	2%
Asset-Backed	5%	1%
Investment Grade Corp.	31%	21%
Non-Investment Grade Corp.	3%	0%
Municipals	1%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	MetWest Total Return Bond	Barclays Aggregate Bond
AAA	58%	72%
AA	5%	4%
A	17%	11%
BBB	13%	13%
Below Investment Grade	6%	0%
Other	0%	0%

Note: All data provided by the investment manager.

Note: Data is as of December 31, 2017. Data as of March 31, 2018 is not yet available.



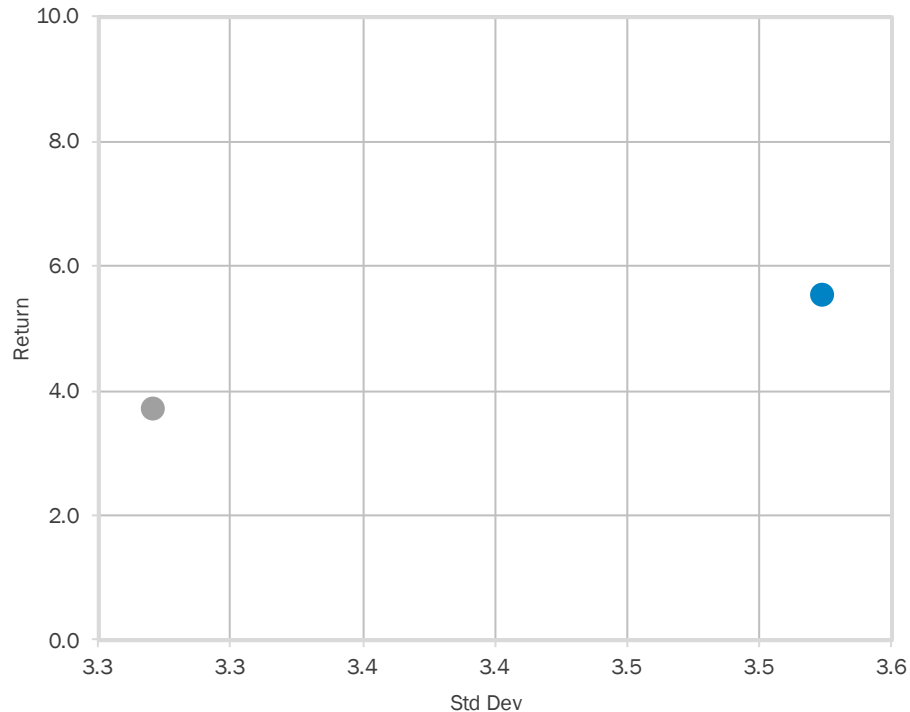
# MetWest Total Return Bond Fund

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Total Return Bond Fund	-1.3	17.3	11.7	5.5	11.5	0.5	6.0	0.3	2.5	3.4	-1.4	1.6	2.5	5.5
Barclays Aggregate Bond Index	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	3.5	-1.6	1.7	2.3	3.7

## 10 Year Risk vs. Return

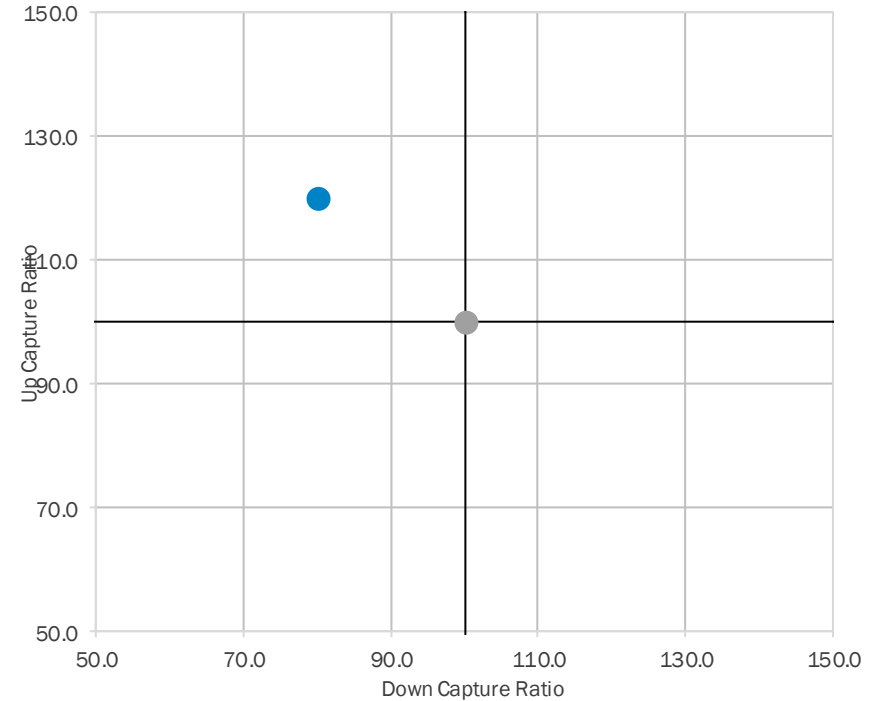
Time Period: 7/1/2008 to 6/30/2018



● MetWest Total Return Bond Fund ● Barclays Aggregate Bond Index

## 10 Year Market Capture

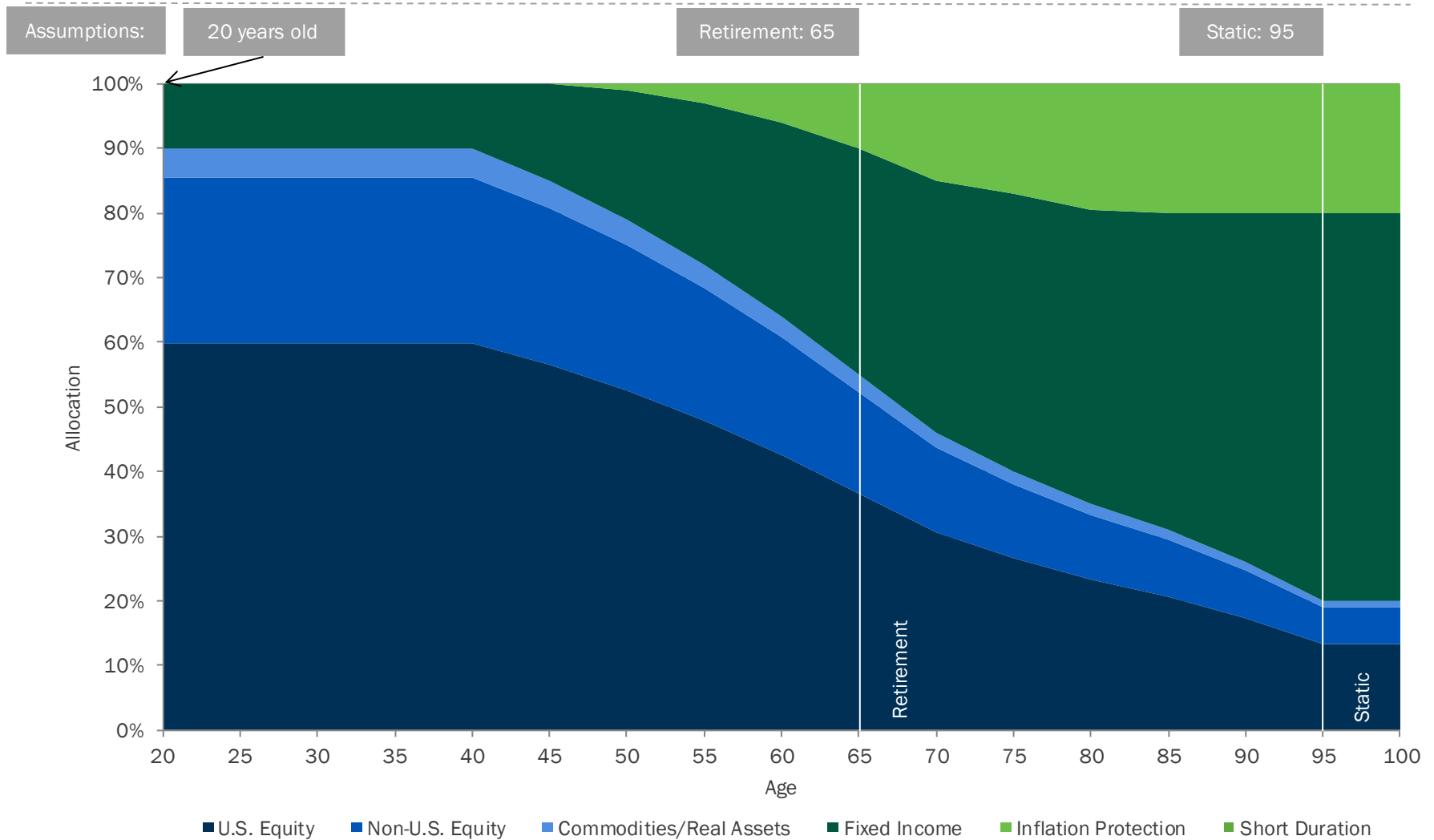
Time Period: 7/1/2008 to 6/30/2018



● 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.

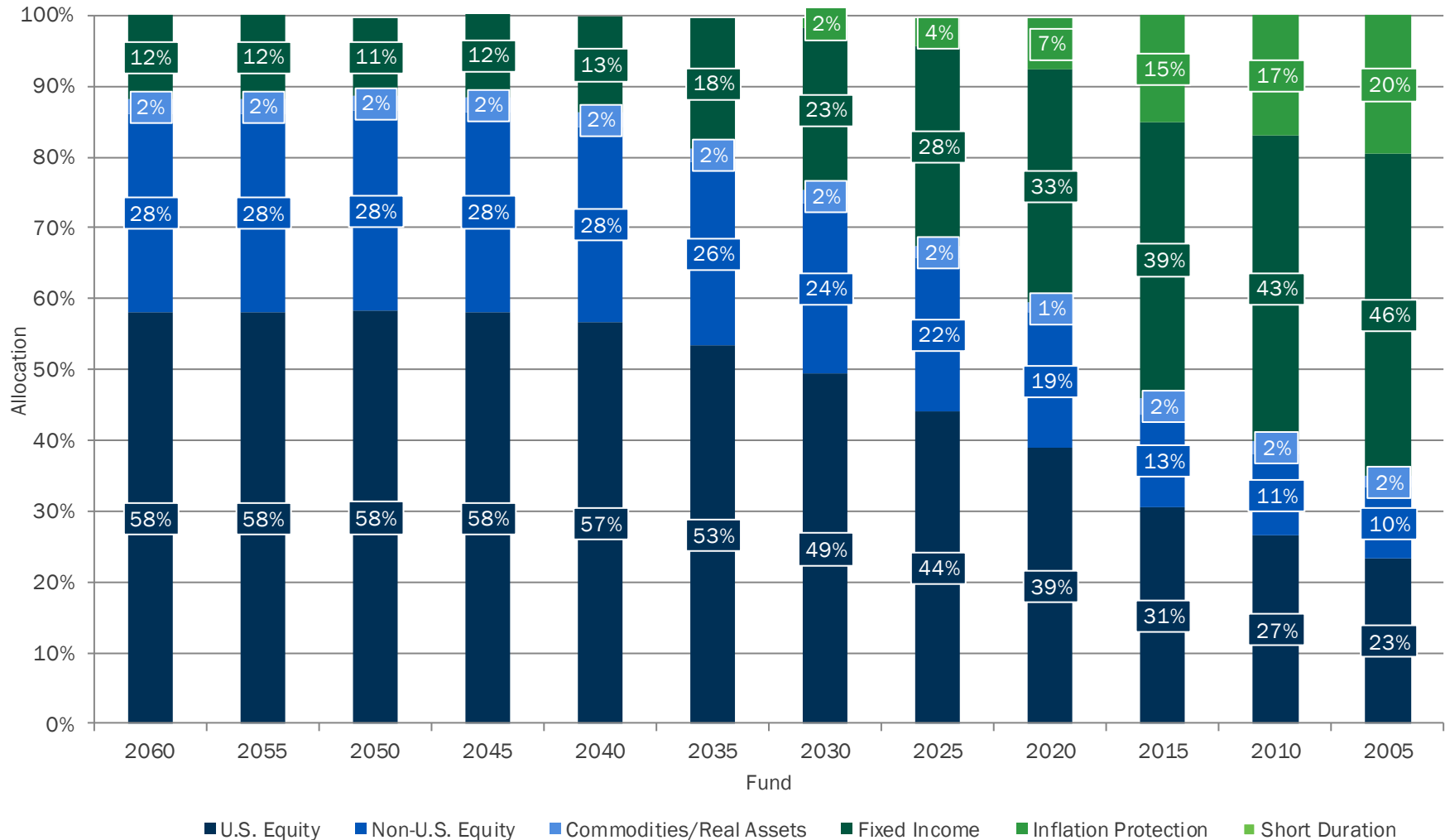


# Fund Composition Overview: T. Rowe Price (To Retirement)

	Equity Index 500 Fund	Growth Stock Fund	Mid-Cap Growth Fund	Mid-Cap Value Fund	New Horizons Fund	Small-Cap Stock Fund	Small-Cap Value Fund	Value Fund	Emerging Markets Bond Fund	High Yield Fund	Int'l Bond Fund	Ltd. Duration Inf. Focused Bond Fund	New Income Fund	Emerging Markets Stock Fund	Int'l Stock Fund	Int'l Value Equity Fund	Overseas Stock Fund	Dynamic Global Bond Fund	Floating Rate Fund	Int'l Bond Fund (Hedged)	U.S. Treasury Long-Term Fund	U.S. Treas. Money Fund	Real Assets Fund
2005 Fund	18%	0%	1%	1%	1%	1%	1%	0%	5%	4%	3%	18%	28%	2%	3%	3%	4%	2%	0%	1%	2%	1%	1%
2010 Fund	21%	0%	2%	2%	1%	1%	1%	0%	4%	4%	2%	16%	26%	2%	3%	4%	4%	2%	0%	1%	2%	1%	1%
2015 Fund	18%	3%	2%	2%	1%	1%	1%	3%	4%	3%	2%	12%	24%	2%	4%	5%	5%	2%	0%	1%	2%	0%	1%
2020 Fund	17%	6%	2%	2%	2%	2%	2%	6%	3%	3%	2%	7%	20%	3%	5%	6%	6%	2%	0%	1%	2%	0%	1%
2025 Fund	14%	9%	3%	3%	2%	2%	2%	10%	3%	2%	2%	4%	18%	3%	6%	6%	7%	1%	0%	1%	2%	0%	2%
2030 Fund	11%	13%	3%	3%	2%	2%	2%	13%	2%	2%	1%	2%	14%	3%	6%	7%	7%	1%	0%	1%	1%	0%	2%
2035 Fund	9%	15%	3%	3%	2%	2%	2%	15%	2%	1%	1%	0%	12%	4%	7%	8%	8%	1%	0%	1%	1%	0%	2%
2040 Fund	7%	17%	4%	4%	2%	2%	2%	18%	1%	1%	1%	0%	8%	4%	7%	8%	8%	1%	0%	0%	1%	0%	2%
2045 Fund	7%	18%	4%	4%	2%	2%	2%	19%	1%	1%	1%	0%	7%	4%	7%	8%	8%	0%	0%	0%	1%	1%	2%
2050 Fund	7%	18%	4%	4%	2%	2%	2%	19%	1%	1%	1%	0%	7%	4%	7%	8%	9%	0%	0%	0%	1%	0%	2%
2055 Fund	7%	18%	4%	4%	2%	2%	2%	19%	1%	1%	1%	0%	7%	4%	7%	8%	8%	0%	0%	0%	1%	1%	2%
2060 Fund	7%	18%	4%	4%	2%	2%	2%	19%	1%	1%	1%	0%	7%	4%	7%	8%	8%	0%	0%	0%	1%	1%	2%



# 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 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T.Rowe Price Retirement Income	-18.4	22.1	10.1	1.4	10.1	9.2	3.9	-0.7	6.5	10.4	0.1	4.8	5.3	5.4
S&P Retirement Income Benchmark	-13.1	11.4	9.1	4.0	7.5	6.3	4.9	-0.2	5.0	8.5	-0.1	4.1	4.6	4.5
T.Rowe Price Retirement 2005	-22.2	24.6	11.5	1.4	11.4	9.7	4.7	-0.7	6.7	10.7	-0.3	4.9	5.6	5.6
S&P Retirement Income Benchmark	-13.1	11.4	9.1	4.0	7.5	6.3	4.9	-0.2	5.0	8.5	-0.1	4.1	4.6	4.5
T.Rowe Price Retirement 2010	-26.7	27.9	12.7	0.5	12.4	11.9	5.0	-0.8	7.1	11.7	-0.2	5.3	6.2	5.9
S&P Retirement 2010 Benchmark	-17.4	14.6	10.6	2.6	9.0	9.4	5.1	-0.2	5.8	9.9	-0.1	4.7	5.4	5.1
T.Rowe Price Retirement 2015	-30.2	31.4	13.8	-0.3	13.8	15.2	5.4	-0.6	7.3	13.3	0.1	5.9	7.1	6.5
S&P Retirement 2015 Benchmark	-21.3	17.5	11.8	1.5	10.3	12.2	5.5	-0.2	6.6	11.4	0.1	5.3	6.2	5.6
T.Rowe Price Retirement 2020	-33.5	34.2	14.7	-1.2	15.0	18.1	5.6	-0.3	7.4	15.7	0.4	6.6	8.1	7.0
S&P Retirement 2020 Benchmark	-24.8	19.9	12.9	0.6	11.5	14.8	5.7	-0.2	7.2	12.8	0.2	5.9	6.9	6.1
T.Rowe Price Retirement 2025	-35.9	36.3	15.4	-2.1	16.0	20.8	5.8	-0.2	7.5	17.7	0.6	7.3	8.9	7.4
S&P Retirement 2025 Benchmark	-27.8	22.0	13.8	-0.3	12.5	17.0	5.6	-0.3	7.8	14.5	0.3	6.6	7.6	6.4
T.Rowe Price Retirement 2030	-37.8	38.0	16.0	-2.7	16.8	23.1	6.1	0.0	7.7	19.4	0.9	7.9	9.6	7.8
S&P Retirement 2030 Benchmark	-30.5	23.7	14.5	-1.2	13.4	19.1	5.6	-0.3	8.3	16.2	0.4	7.2	8.3	6.7
T.Rowe Price Retirement 2035	-38.9	39.0	16.3	-3.3	17.4	24.9	6.1	0.1	7.6	20.9	1.1	8.3	10.1	8.0
S&P Retirement 2035 Benchmark	-34.0	26.0	15.4	-2.2	14.7	22.1	5.7	-0.4	9.2	18.9	0.8	8.0	9.1	7.2
T.Rowe Price Retirement 2040	-38.9	39.1	16.5	-3.5	17.5	25.9	6.2	0.2	7.6	22.0	1.2	8.6	10.5	8.3
S&P Retirement 2040 Benchmark	-34.0	26.0	15.4	-2.2	14.7	22.1	5.7	-0.4	9.2	18.9	0.7	8.3	9.3	7.2
T.Rowe Price Retirement 2045	-38.8	39.1	16.4	-3.5	17.6	25.9	6.1	0.2	7.7	22.4	1.4	8.8	10.6	8.3
S&P Retirement 2045 Benchmark	-35.2	26.4	15.6	-2.6	15.1	23.1	5.7	-0.5	9.5	19.6	0.7	8.5	9.6	7.3
T.Rowe Price Retirement 2050	-38.8	38.9	16.4	-3.4	17.6	25.9	6.2	0.2	7.7	22.4	1.4	8.8	10.6	8.3
S&P 2050+ Benchmark	--	--	--	--	15.5	24.1	5.7	-0.5	9.7	20.2	0.8	8.7	9.7	--
T.Rowe Price Retirement 2055	-38.9	39.0	16.4	-3.3	17.6	25.9	6.2	0.2	7.7	22.3	1.3	8.8	10.6	8.3
S&P 2050+ Benchmark	--	--	--	--	15.5	24.1	5.7	-0.5	9.7	20.2	0.8	8.7	9.7	--



# Stable Value Overview: T. Rowe Price

As of 3/31/2018

Asset Allocation		Fund Facts	
Corporate, Foreign, Gov't. Entities	47.2%	Effective Yield (%)	1.97%
U.S. Treasuries, Agencies, Other	23.5%	Average Maturity (Years)	3.2
Mortgage Backed Securities	11.2%	Average Credit Quality	AA
Asset-Backed Securities	13.2%	Number of Holdings	11
Cash Reserves	4.9%	Assets in Fund (\$MM)	\$14,764.5

Note: Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



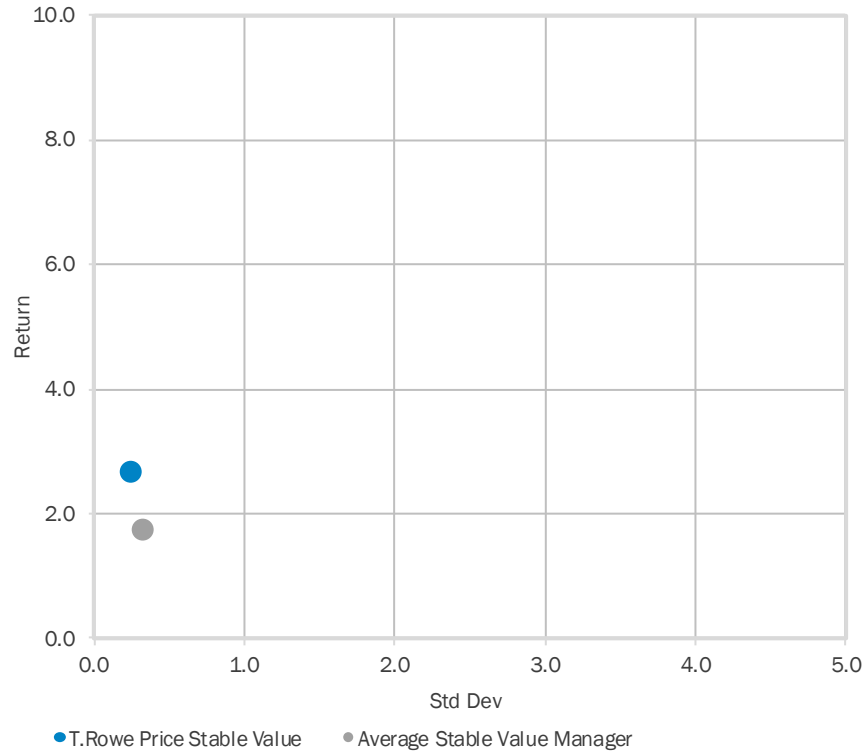
# T.Rowe Price Stable Value

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T.Rowe Price Stable Value	4.6	4.1	4.1	3.3	2.4	2.2	2.0	1.7	1.8	1.9	0.8	1.9	1.9	2.7
Average Stable Value Manager	4.1	2.4	2.3	2.3	1.6	1.3	1.1	1.2	1.2	1.4	0.7	1.3	1.3	1.7

## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018





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# Investment Program Fee Review

---



# Bi-State Development Agency 401(k) Plan Fee Summary

As of June 30, 2018

Investment Manager	Style	Manager Expense Ratio	Annual Fee In Dollar Terms	Morningstar Average Expense Ratio
Dodge & Cox Stock	US Large Cap	0.52%	\$18,612	1.12%
Vanguard Index Trust 500	US Large Cap	0.04%	\$4,376	1.20%
T. Rowe Price Blue Chip Growth	US Large Cap	0.57%	\$13,729	1.18%
William Blair SMID Growth	US Mid Cap	1.10%	\$46,021	1.29%
Vaughan Nelson Value Opp.	US Small Cap	1.22%	\$9,912	1.36%
EuroPacific Growth	Non-US Equity	0.82%	\$19,447	1.18%
Dodge & Cox Balanced	Balanced	0.53%	\$36,680	1.25%
MetWest Total Return Bond Fund	Fixed Income	0.44%	\$1,391	1.23%
T. Rowe Price Retirement Income	Balanced	0.56%	\$5,954	0.87%
T. Rowe Price Retirement 2005	Balanced	0.58%	\$1,114	0.82%
T. Rowe Price Retirement 2010	Balanced	0.57%	\$2,502	0.82%
T. Rowe Price Retirement 2015	Balanced	0.59%	\$6,654	0.83%
T. Rowe Price Retirement 2020	Balanced	0.63%	\$22,621	0.90%
T. Rowe Price Retirement 2025	Balanced	0.67%	\$15,874	0.87%
T. Rowe Price Retirement 2030	Balanced	0.69%	\$20,213	0.94%
T. Rowe Price Retirement 2035	Balanced	0.72%	\$11,736	0.90%
T. Rowe Price Retirement 2040	Balanced	0.74%	\$12,760	0.96%
T. Rowe Price Retirement 2045	Balanced	0.74%	\$5,666	0.91%
T. Rowe Price Retirement 2050	Balanced	0.74%	\$2,520	0.97%
T. Rowe Price Retirement 2055	Balanced	0.74%	\$876	0.91%
T. Rowe Price Retirement 2060	Balanced	0.74%	\$450	0.91%
T. Rowe Price Stable Value	Stable Value	0.45%	\$28,295	0.85%
Total Investment Management Fees <sup>(1)</sup>		0.51%	\$287,403	
Ellwood Associates Consulting Fee <sup>(2)</sup>		0.04%	\$21,117	
Lincoln Alliance Program Fee <sup>(3)</sup>		0.14%	\$79,768	
<b>Total Fees</b>		<b>0.68%</b>	<b>\$388,288</b>	

<sup>(1)</sup> Investment management fee calculated based on June 30, 2018 market values.

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

<sup>(3)</sup> Lincoln Financial fees shown above do not include revenue sharing received from plan investments. In total, including revenue share, fees for Lincoln are approximately \$125,000.

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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- Manager and universe returns are shown net of investment management expenses. Index returns are shown gross of investment management expenses. All figures shown are gross the fees and expenses of Ellwood.
- Data Disclosure: Mutual fund holdings and performance provided by Morningstar (Copyright ©2018 Morningstar, via Morningstar Direct. All rights reserved)
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# Endnotes

- Greenwich Associates is an independent third-party research firm. In the 2017 U.S. Institutional Investors Study, Greenwich Associates interviewed 1,059 senior professionals at 884 of the largest tax-exempt funds in the United States with assets greater than \$150 million. Of the 1,059 interviews, 32 were with clients of Ellwood. Greenwich Quality Leaders are based on the Greenwich Quality Index which is prepared by Greenwich Associates from quantitative and qualitative client evaluations of their asset management and investment consulting providers in certain broad investment management categories, including Investment Consulting, Manager Selection, Client Service and Commercial Arrangements. Ellwood did not compensate Greenwich Associates for its inclusion in the study.
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Q2

# Second Quarter 2018 Performance Report

Bi-State Development Agency  
Salaried Pension Plan





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



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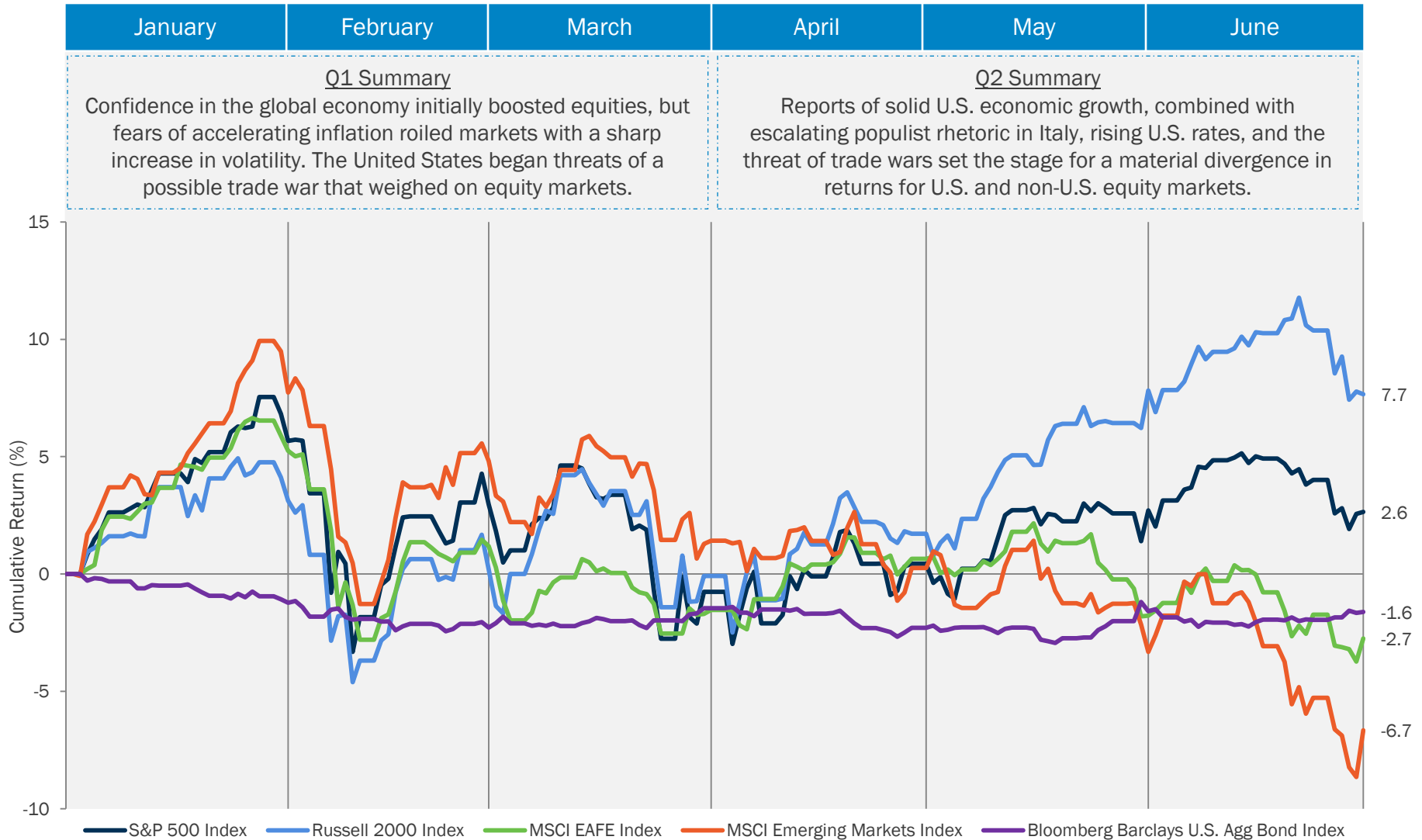
# 2<sup>nd</sup> Quarter 2018

## Capital Markets Exhibits

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# Year-To-Date Market Timeline



Source: Morningstar Direct, S&P, MSCI, Bloomberg Finance, LP

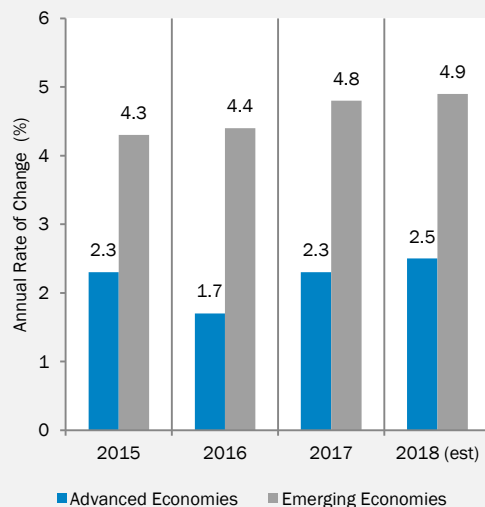


# Economic Fundamentals Remain Mostly Positive

## Real GDP Growth



- Although not uniformly robust like 2017, global GDP growth remains on steady footing with the IMF estimating global GDP to expand 3.9% in aggregate during 2018.
- PMI data softened across the Eurozone, Japan, and emerging markets while data improved in the U.S.

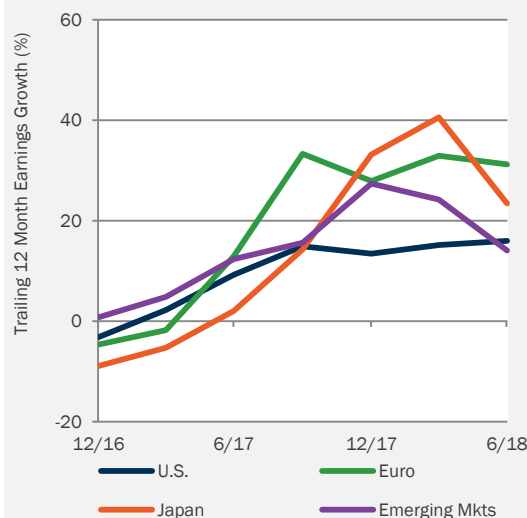


Sources: IMF World Economic Outlook, Markit

## Earnings Growth



- Earnings growth among U.S. companies steadily increased over the past year and is further supported by tax reform.
- Earnings growth among developed non-U.S. and emerging market companies have slowed from 2017's robust levels, but expectations remain positive.

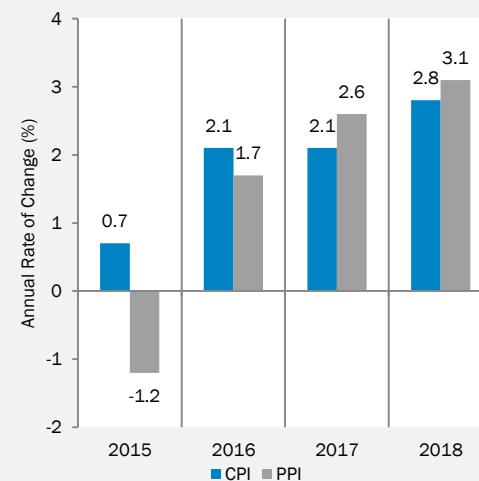


Source: MSCI

## Interest Rates and Inflation



- With the U.S. near full employment and economic growth remaining robust, inflation expectations increased.
- CPI grew near 3% over the past year and large increases in oil prices led to higher energy prices.
- The resulting increase in interest rates puts pressure on asset prices.

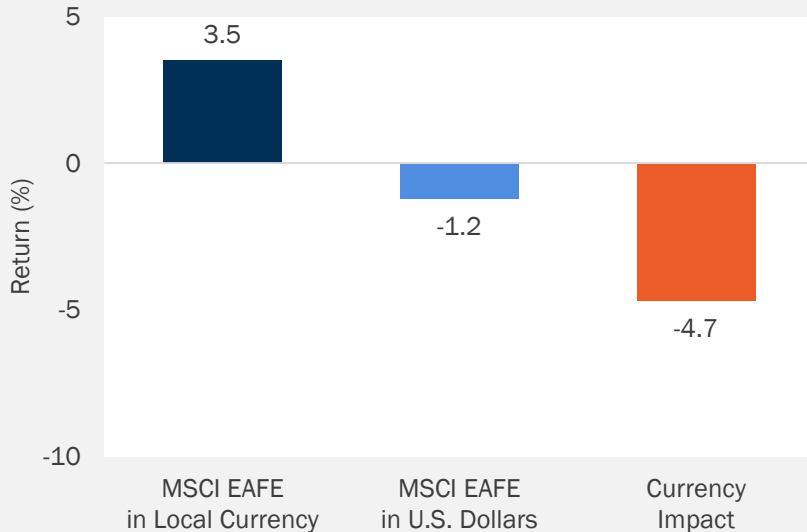


Sources: U.S. BLS; 2018 is the 12-months ending 5/31/18

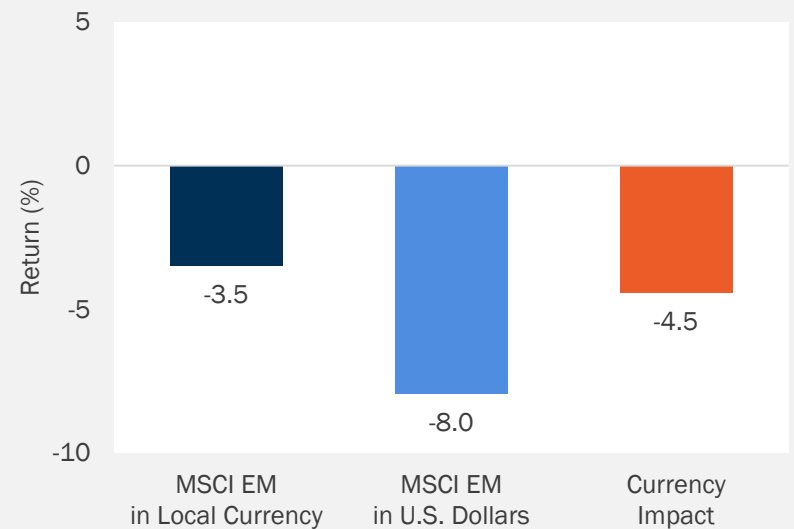


# Breadth of Global Currency Depreciation

MSCI EAFE Returns – Second Quarter



MSCI Emerging Markets Returns – Second Quarter



- Of the thirteen currencies represented in the MSCI EAFE index, twelve depreciated against the U.S. Dollar.

- Twenty-three of the twenty-four currencies in the MSCI Emerging Markets index fell against the U.S. Dollar.

- With indications of improving economic growth outlook driving an upward acceleration in U.S. inflation, expectations for a more aggressive increase of rates by the Federal Reserve broadly drove global currencies lower against the U.S. Dollar.
- Indications from the European Central Bank that it may delay interest rates increases until mid-2019, combined with political rhetoric surrounding Italian populism and Brexit, weighed on European currencies.
- Escalating trade tensions also put downward pressure on emerging market currencies, with political issues having an additional negative impact on currencies in Brazil, Russia, Turkey and South Africa.

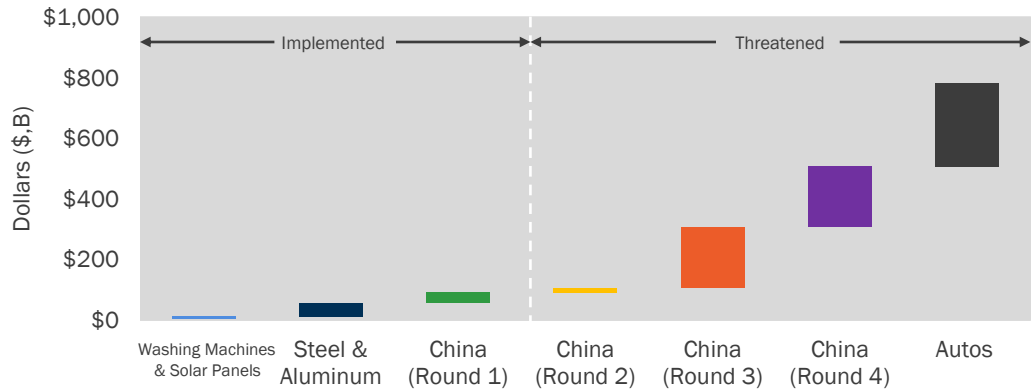


# Escalation of Trade Tensions

## Observations:

- The administration implemented tariffs on \$90 billion of exports to the U.S., including washing machines and solar panels, steel and aluminum and \$34 billion of Chinese goods.
- The impact on the global supply chain could be material if trade tensions escalate.
- Tariffs on autos could also significantly impact U.S. businesses, as auto/parts exports from Mexico and Canada contain a meaningful component of U.S. production.

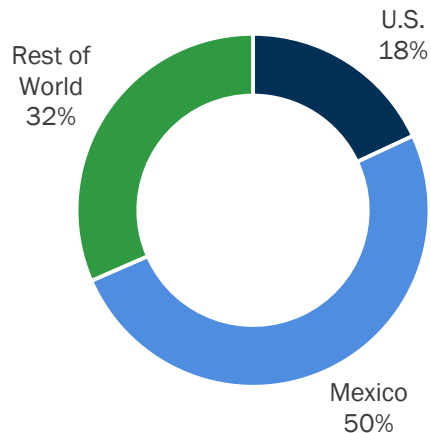
## Exports to the U.S. Subject to Tariffs - Implemented and Threatened



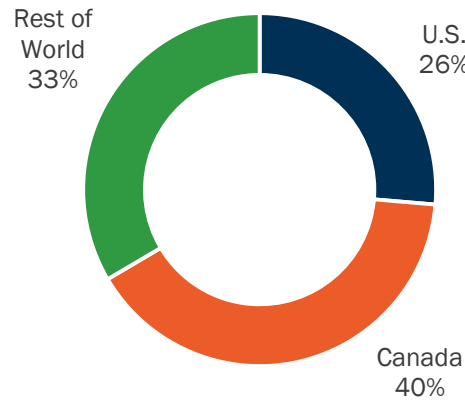
Source: Goldman Sachs, Bloomberg, L.P.

## Exports to the U.S.: Value-Added Production by Region

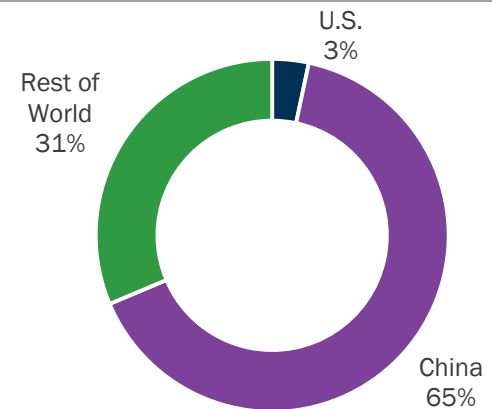
### Mexico Autos/Parts



### Canada Autos/Parts



### China All Products



Source: U.S. Department of Commerce Bureau of the Census Foreign Trade Division.



# S&P 500 Scorecard

## Sector Returns

	<u>Div. Yield<sup>(1)</sup></u>	<u>P/E Ratio<sup>(2)</sup></u>	<u>15-Yr Avg.<sup>(3)</sup></u>	
Consumer Discretionary	1.2%	22.3x	19.0x	8.2% 11.5%
Technology	1.2%	28.5x	20.9x	7.1% 10.9%
Energy	2.7%	19.4x	15.3x	13.5% 6.8%
S&P 500	1.9%	21.0x	17.4x	3.4% 2.6%
Health Care	1.7%	29.0x	20.8x	3.1% 1.8%
Real Estate	3.4%	41.6x	38.6x	6.1% 0.8%
Utilities	3.6%	17.3x	16.7x	3.7% 0.3%
Materials	2.0%	23.1x	18.9x	-3.1% 2.6%
Financials	1.8%	14.5x	14.7x	-3.2% -4.1%
Industrials	2.0%	19.1x	18.1x	-3.2% -4.7%
Telecom	5.7%	6.6x	19.7x	-0.9% -8.4%
Consumer Staples	3.0%	20.2x	19.2x	-1.5% -8.5%

■ 2<sup>nd</sup> Quarter 2018 ■ Year-To-Date 2018

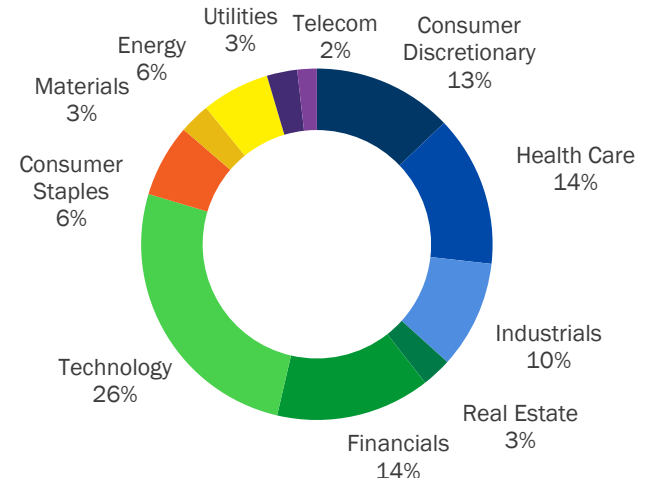
Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global

<sup>(1)</sup>Trailing 12 month Dividend Yield as of 6/30/2018.

<sup>(2)</sup>Trailing 12 month P/E as of 6/30/2018.

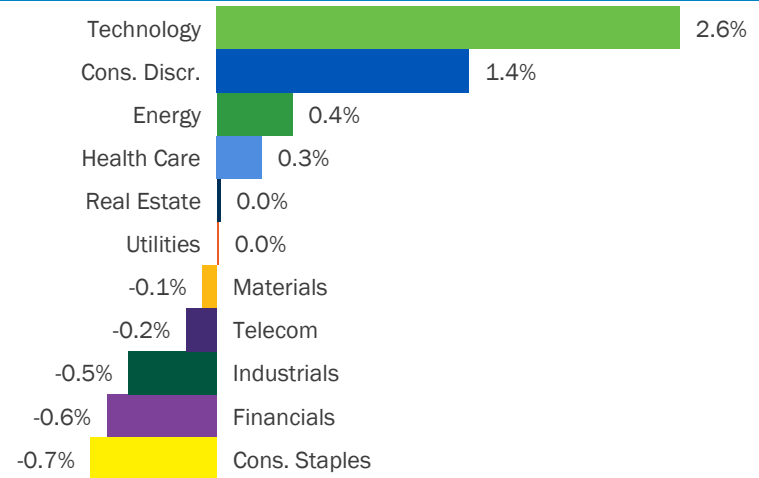
<sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2018.

## Sector Weights



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P

## Sector YTD Contribution

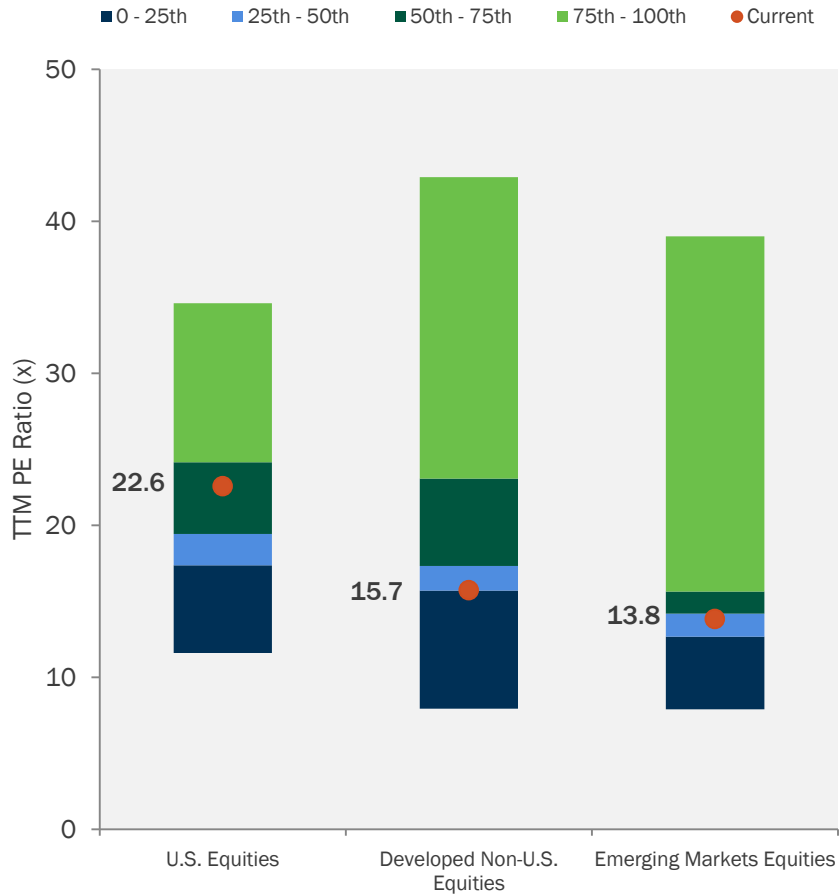


Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, GICS

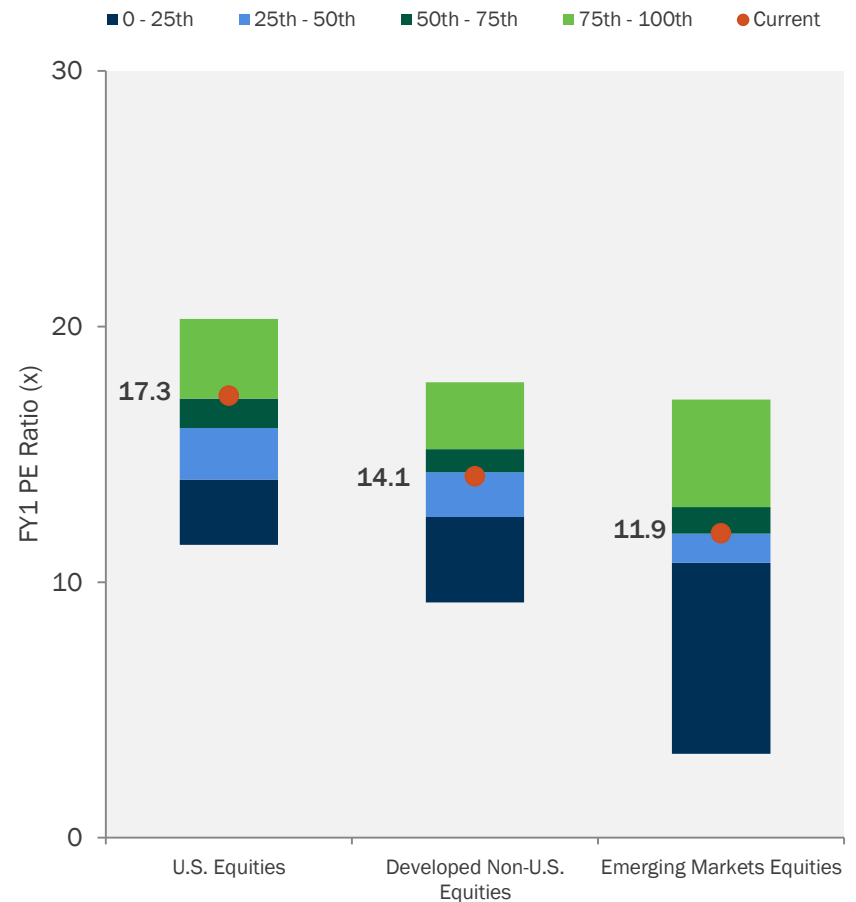


# Equity Valuations

Trailing Price to Earnings Ratio (Last 20 Years)



Forward Price to Earnings Ratio (Last 13 Years)



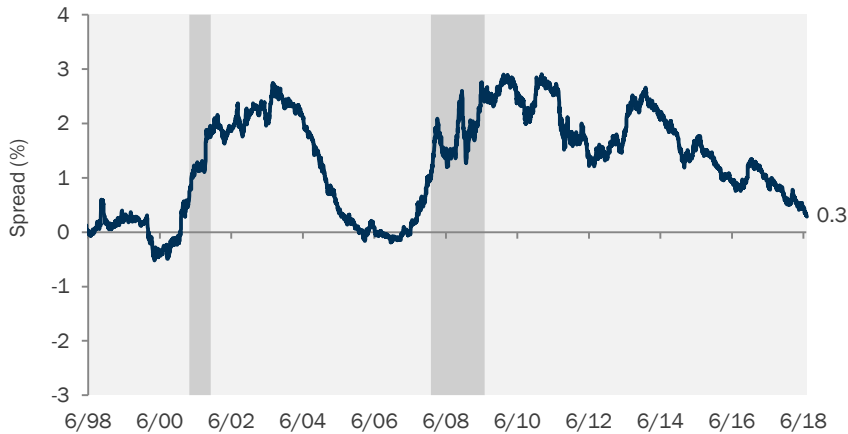
Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018

Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018



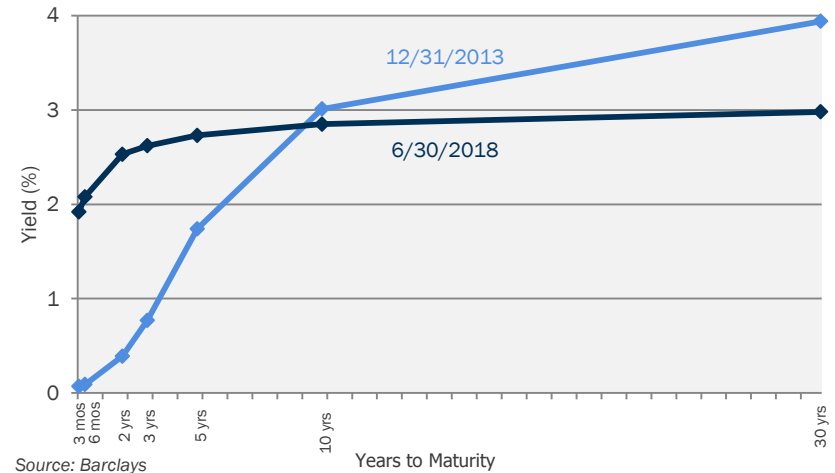
# Rates and Spreads

U.S. Treasury 2-10 Yield Spread



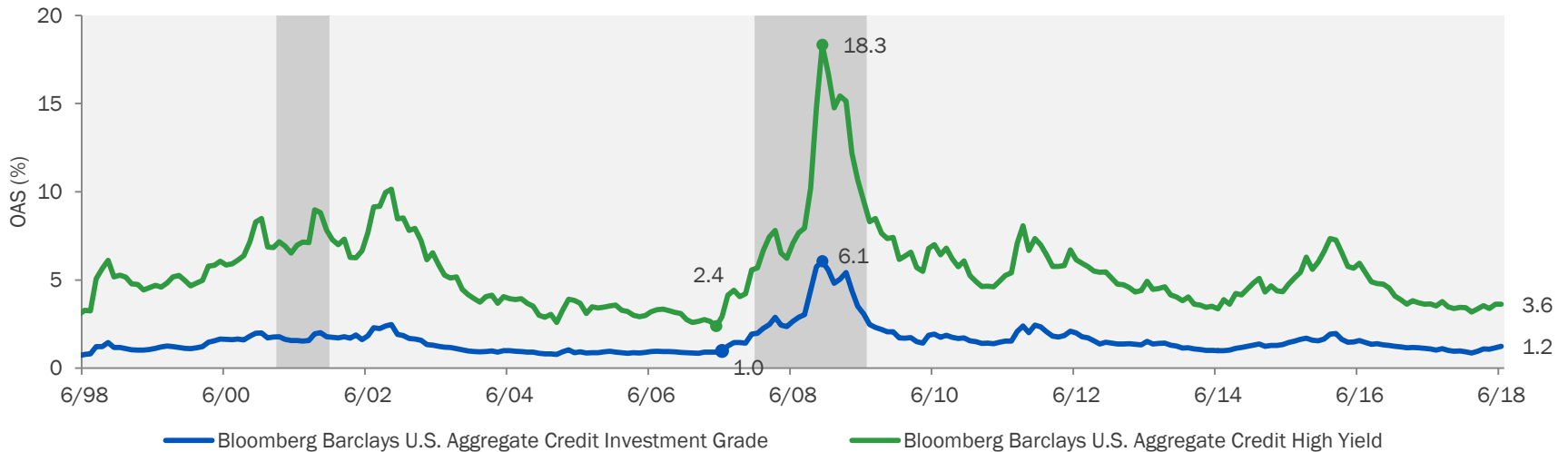
Source: Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018

U.S. Treasury Yield Curve



Source: Barclays

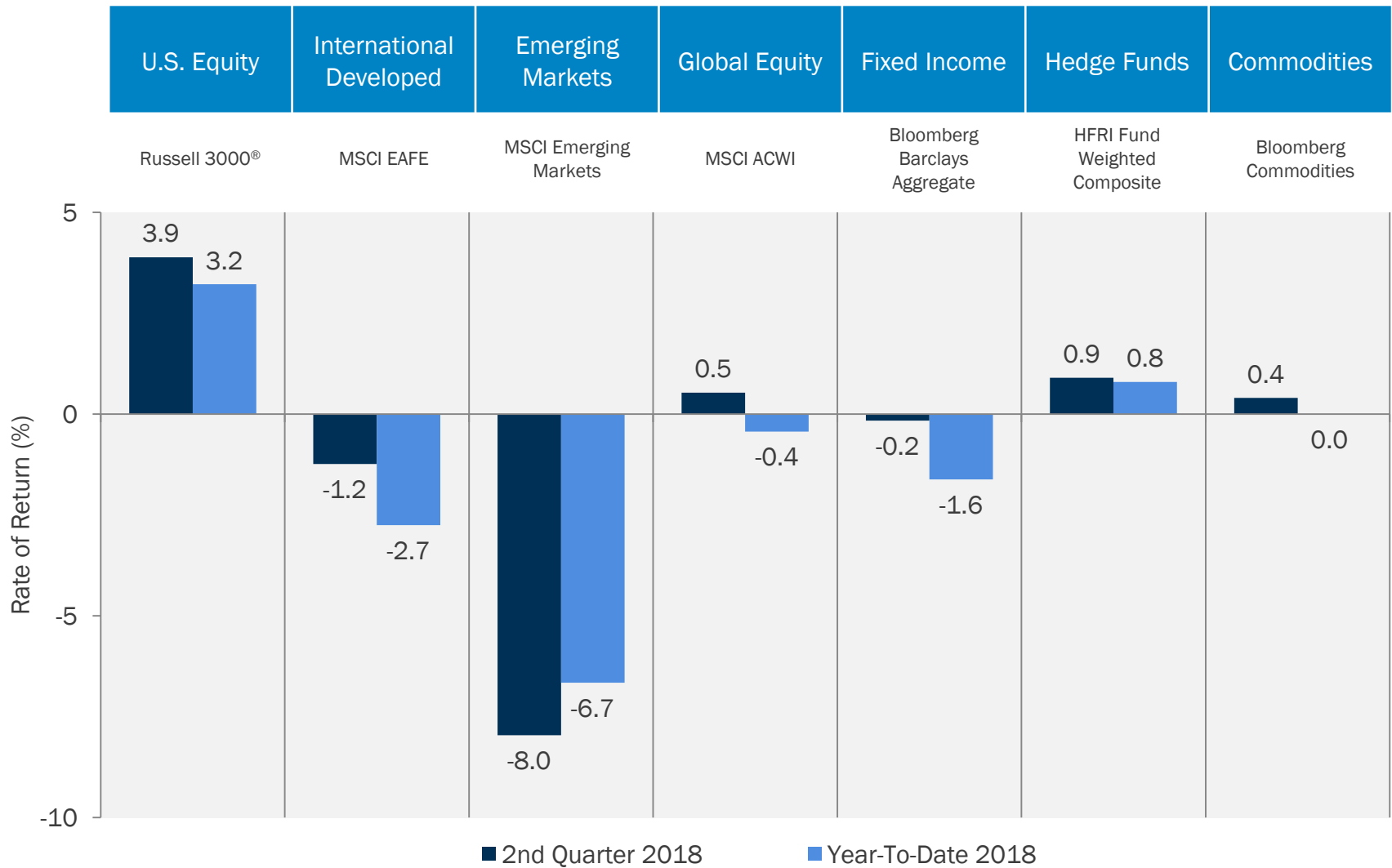
Fixed Income Spreads Relative to Treasuries (Last 20 Years)



Source: Factset, Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018



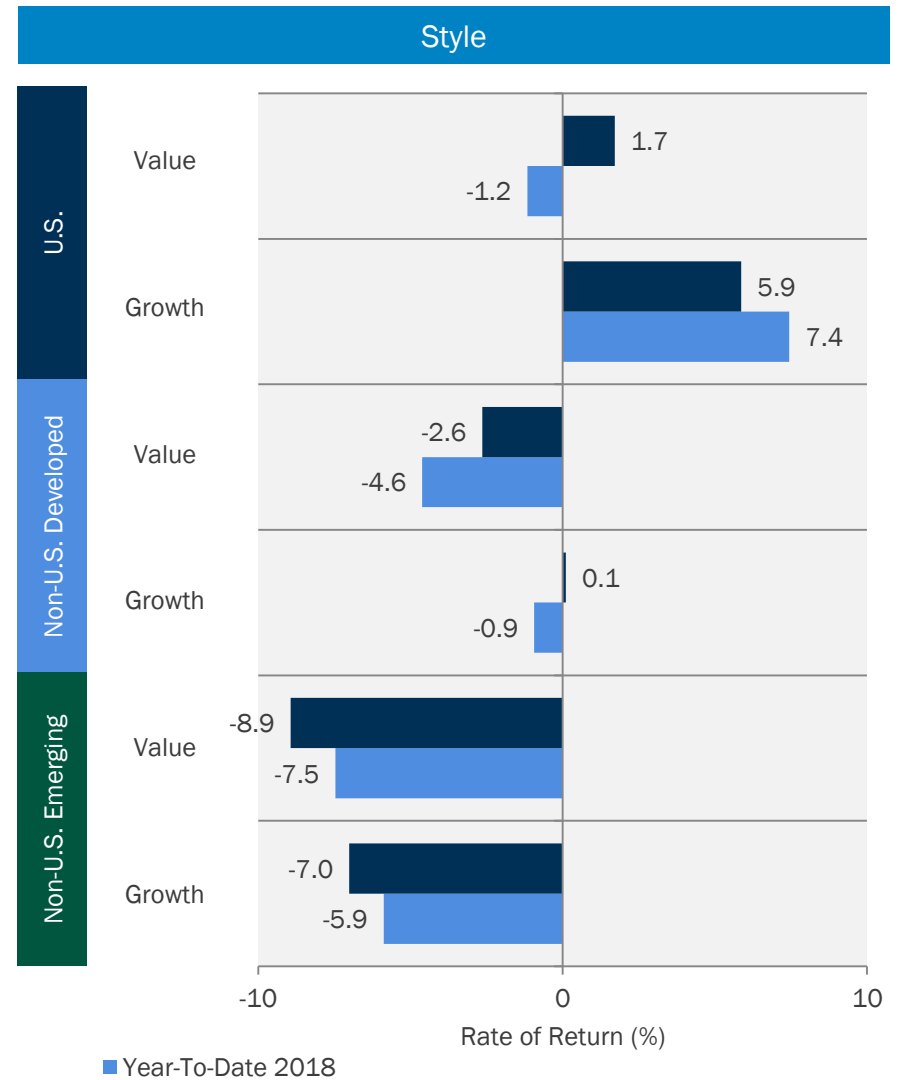
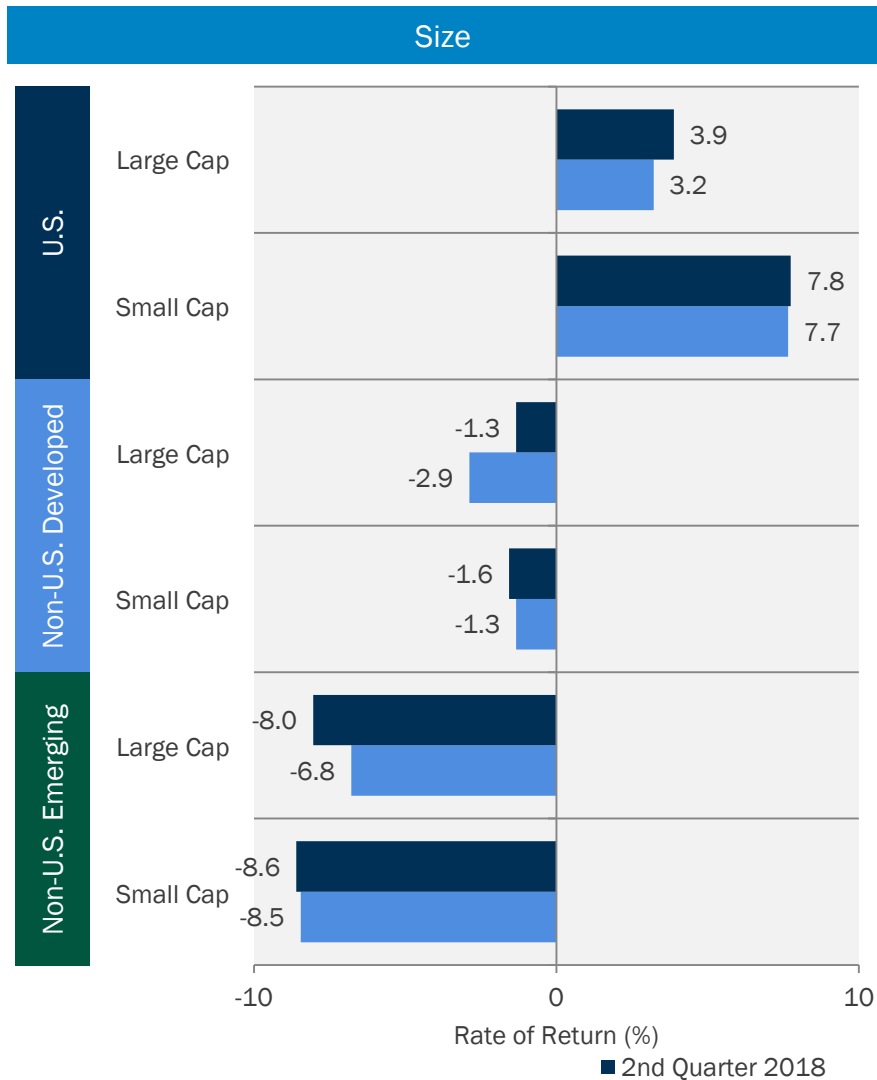
# Market Overview



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, Russell, MSCI, HFRI, Bloomberg Finance, LP



# Global Equity Factor Performance

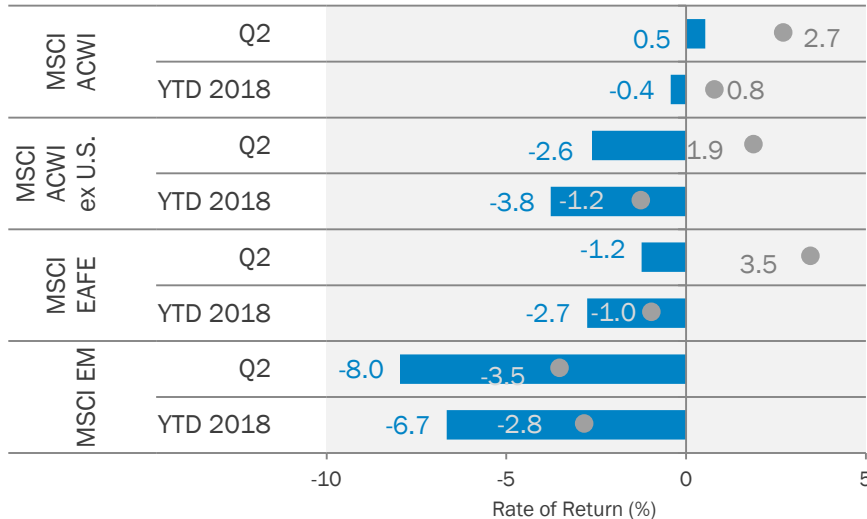


Note: Indices above are the respective size and style sub-indices of Russell, MSCI, and MSCI.  
 Source: Morningstar Direct, Russell, MSCI, S&P Dow Jones Indices LLC, a division of S&P Global



# Non-U.S. / Global Equity Markets

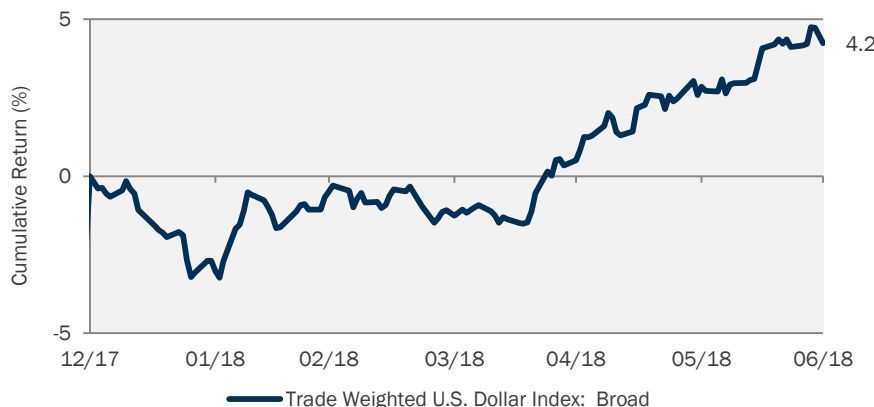
## Market Returns



Source: Morningstar Direct, MSCI

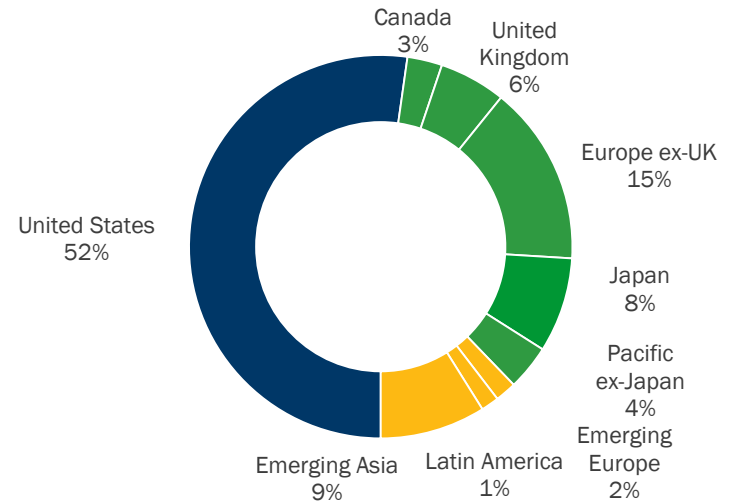
■ USD Return ● Local Return

## U.S. Dollar vs. Foreign Currencies



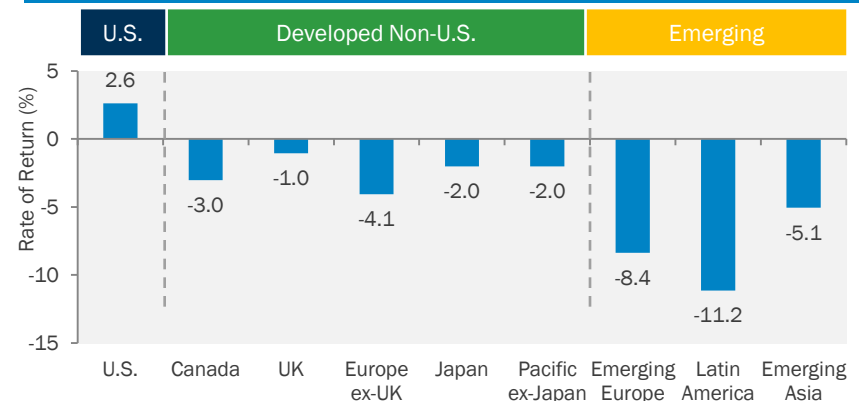
Source: Federal Reserve Board; U.S. trade-weighted index, As of 6/29/2018

## MSCI ACWI Equity Weights



Source: MSCI

## YTD Regional Market Returns (USD)



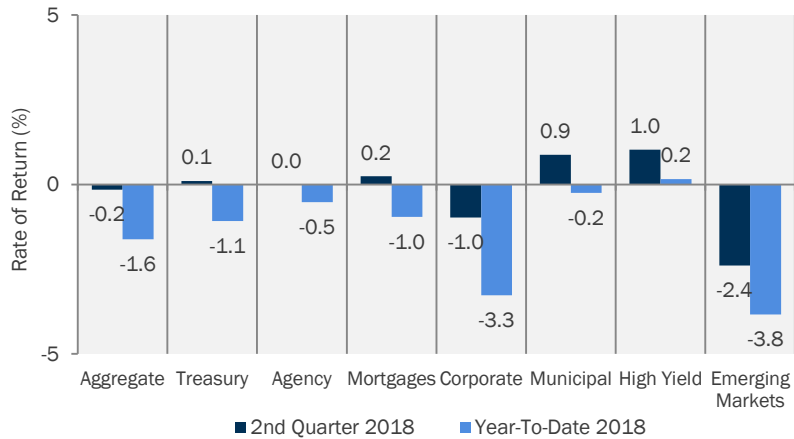
Source: Morningstar Direct, MSCI



# Fixed Income Markets

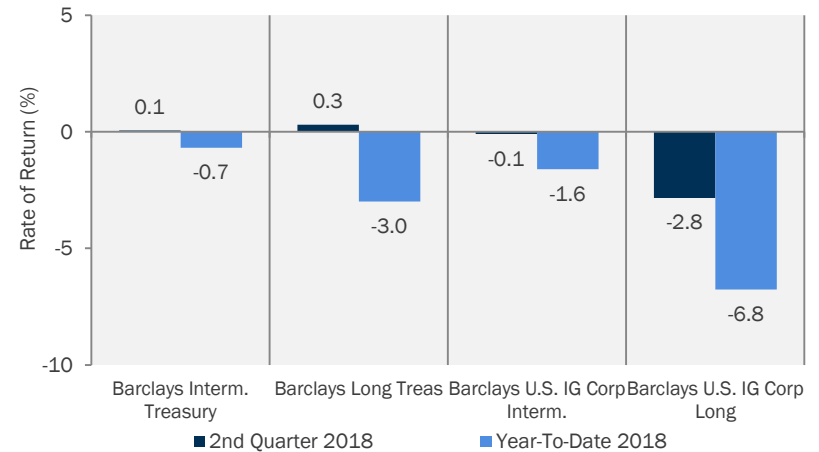
## Bond Market Returns

Returns by Sector



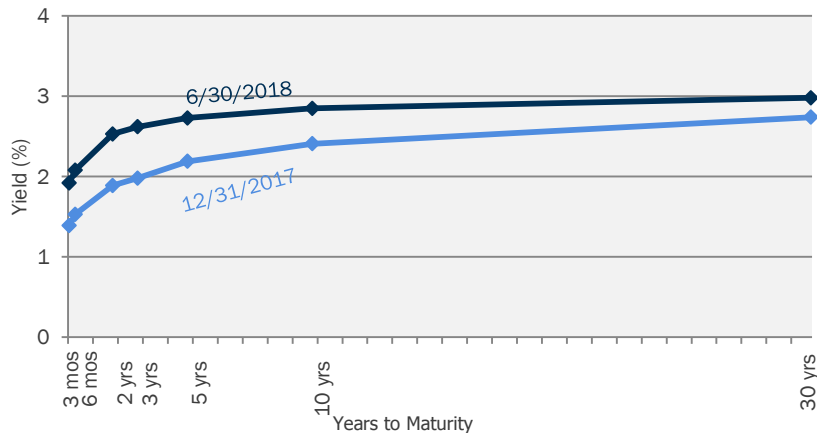
Source: Morningstar Direct

Returns by Duration



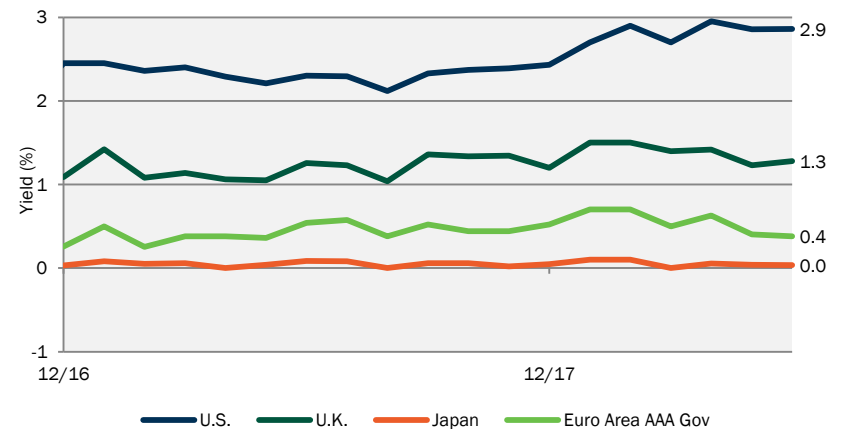
Source: Morningstar Direct

## U.S. Treasury Yield Curve



Source: Barclays

## Global Ten Year Government Spot Yields

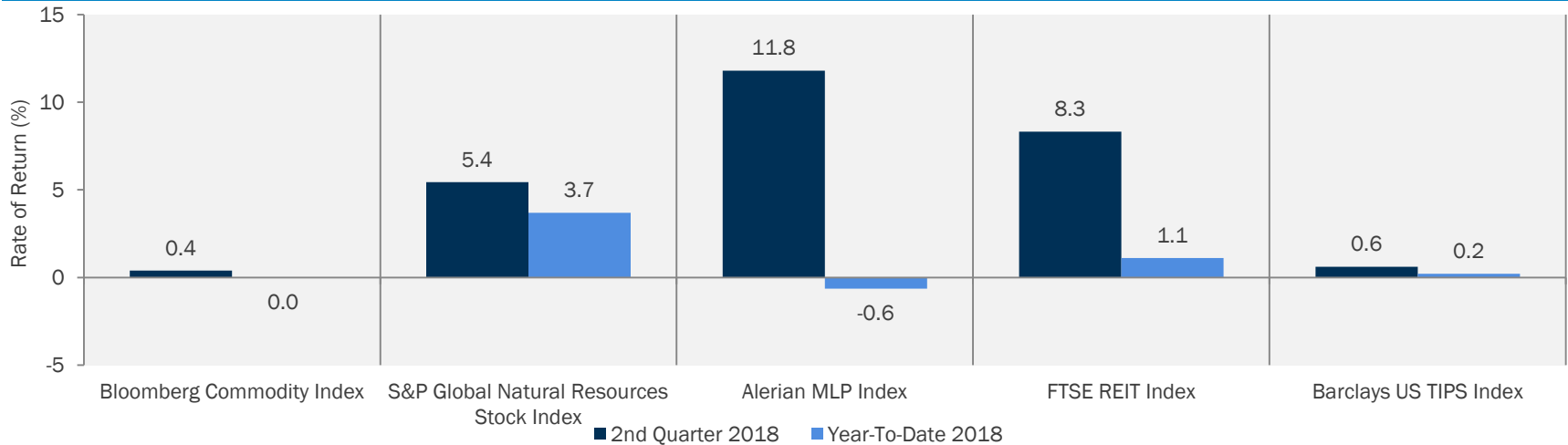


Source: Bloomberg Finance, LP



# Real Assets

## Asset Class Performance



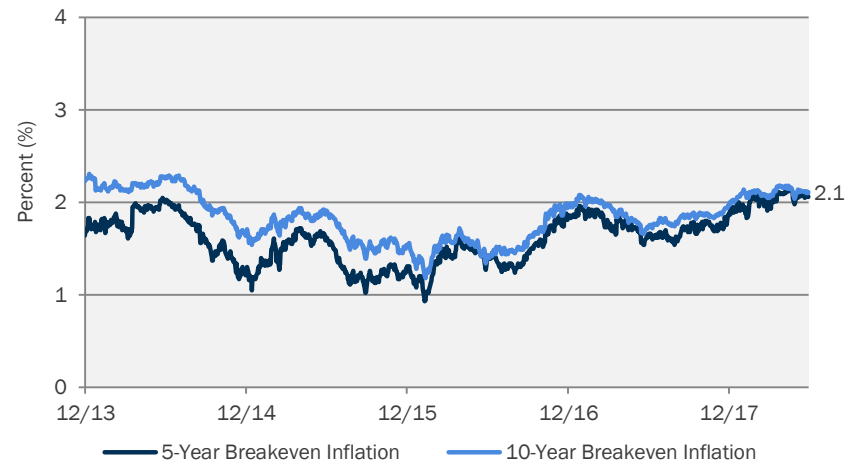
Source: Morningstar Direct, Bloomberg Finance, LP, S&P, Barclays, S&P Dow Jones Indices LLC, a division of S&P Global, Alerian, FTSE

## WTI Crude Oil Prices



Source: Bloomberg Finance, LP; As of 6/29/2018

## United States Breakeven Inflation



Source: Federal Reserve; As of 6/29/2018



# World Markets Heat Map

	Calendar Year Returns									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S. Equity										
S&P 100 Index	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	22.0%	2.0%
S&P 500 Index	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	2.6%
Russell 1000 Value Index	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	13.7%	-1.7%
Russell 1000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell 2000 Index	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	14.6%	7.7%
Russell 2000 Value Index	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	7.8%	5.4%
Russell 2000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell Micro Cap Index	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	13.2%	10.7%
Non U.S. Equity										
MSCI ACWI ex U.S. Index	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	27.2%	-3.8%
MSCI EAFE Index	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-2.7%
MSCI EAFE Small Cap Index	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	33.0%	-1.3%
MSCI Emerging Markets Index	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-6.7%
MSCI Emerging Mkts. Small Cap Index	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	33.8%	-8.5%
MSCI Frontier Markets Index	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	31.9%	-10.9%
Global										
MSCI ACWI Index	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-0.4%
Fixed Income										
Barclays US Aggregate Index	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	-1.6%
Barclays US Inv. Grade. Corp. Index	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	6.4%	-3.3%
Barclays High Yield Index	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	0.2%
Barclays US Corp Long AA+ Index	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	10.8%	-4.3%
Barclays US Treasury Long Index	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-3.0%
Barclays U.S. Municipal Bond Index	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	-0.2%
Barclays Global Agg. ex. U.S. Index	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	10.5%	-1.3%
Barclays EM Debt (Local) Gov't Index	17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	14.3%	-5.5%
Alternatives										
Bloomberg Commodity Index	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	0.0%
Bloomberg Commodity – Gold	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	12.8%	-4.6%
Bloomberg Commodity – WTI Crude Oil	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	5.1%	23.2%
Bloomberg Commodity – Agriculture	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-11.0%	-5.8%
FTSE REIT Index	27.4%	27.6%	7.3%	20.1%	3.2%	27.1%	2.3%	9.3%	9.3%	1.1%

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018

	Annualized Returns					TTM P/E	Div. Yield
	YTD	1-Yr	3-Yr	5-Yr	10-Yr		
U.S. Equity							
S&P 100 Index	2.0%	14.3%	12.0%	13.1%	10.0%	21.0x	2.1%
S&P 500 Index	2.6%	14.4%	11.9%	13.4%	10.2%	20.4x	2.0%
Russell 1000 Value Index	-1.7%	6.8%	8.3%	10.3%	8.5%	15.9x	2.6%
Russell 1000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	27.5x	1.2%
Russell 2000 Index	7.7%	17.6%	11.0%	12.5%	10.6%	18.2x	1.4%
Russell 2000 Value Index	5.4%	13.1%	11.2%	11.2%	9.9%	14.9x	2.1%
Russell 2000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	24.7x	0.7%
Russell Micro Cap Index	10.7%	20.2%	10.5%	12.8%	10.6%	16.6x	1.2%
Non U.S. Equity							
MSCI ACWI ex U.S. Index	-3.8%	7.3%	5.1%	6.0%	2.5%	14.4x	3.2%
MSCI EAFE Index	-2.7%	6.8%	4.9%	6.4%	2.8%	14.6x	3.2%
MSCI EAFE Small Cap Index	-1.3%	12.4%	10.1%	11.3%	6.8%	15.2x	2.6%
MSCI Emerging Markets Index	-6.7%	8.2%	5.6%	5.0%	2.3%	13.4x	3.1%
MSCI Emerging Mkts. Small Cap Index	-8.5%	5.6%	2.5%	4.3%	4.4%	13.2x	2.5%
MSCI Frontier Markets Index	-10.9%	1.7%	2.1%	4.5%	-2.5%	12.9x	3.4%
Global							
MSCI ACWI Index	-0.4%	10.7%	8.2%	9.4%	5.8%	17.1x	2.5%
Fixed Income						Duration	YTW
Barclays US Aggregate Index	-1.6%	-0.4%	1.7%	2.3%	3.7%	6.0	3.3%
Barclays US Inv. Grade. Corp. Index	-3.3%	-0.8%	3.1%	3.5%	5.4%	7.3	4.0%
Barclays High Yield Index	0.2%	2.6%	5.5%	5.5%	8.2%	3.9	6.5%
Barclays US Corp Long AA+ Index	-4.3%	0.3%	5.2%	5.9%	7.4%	14.1	4.0%
Barclays US Treasury Long Index	-3.0%	-0.1%	3.4%	4.5%	6.1%	17.2	3.0%
Barclays U.S. Municipal Bond Index	-0.2%	1.6%	2.9%	3.5%	4.4%	6.0	2.7%
Barclays Global Agg. ex. U.S. Index	-1.3%	2.8%	3.2%	0.9%	1.8%	7.9	0.9%
Barclays EM Debt (Local) Gov't Index	-5.5%	-0.8%	1.9%	0.5%	--	5.8	5.3%
Alternatives							
Bloomberg Commodity Index	0.0%	7.3%	-4.5%	-6.4%	-9.0%	--	--
Bloomberg Commodity – Gold	-4.6%	0.2%	1.5%	-0.1%	2.3%	--	--
Bloomberg Commodity – WTI Crude Oil	23.2%	58.9%	-8.3%	-14.0%	-17.9%	--	--
Bloomberg Commodity – Agriculture	-5.8%	-13.3%	-9.9%	-9.5%	-7.1%	--	--
FTSE REIT Index	1.1%	4.8%	9.2%	9.0%	8.5%	--	--

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018



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# Pension Plan Portfolio Review

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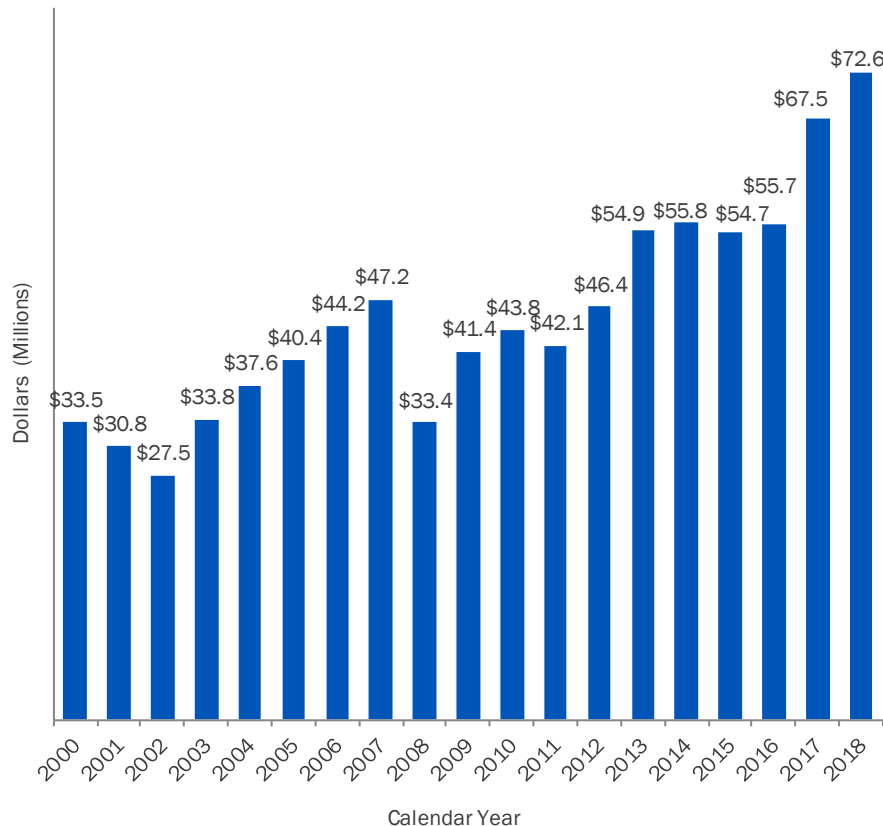


# Bi-State Development Agency Pension Plan for Salaried Employees

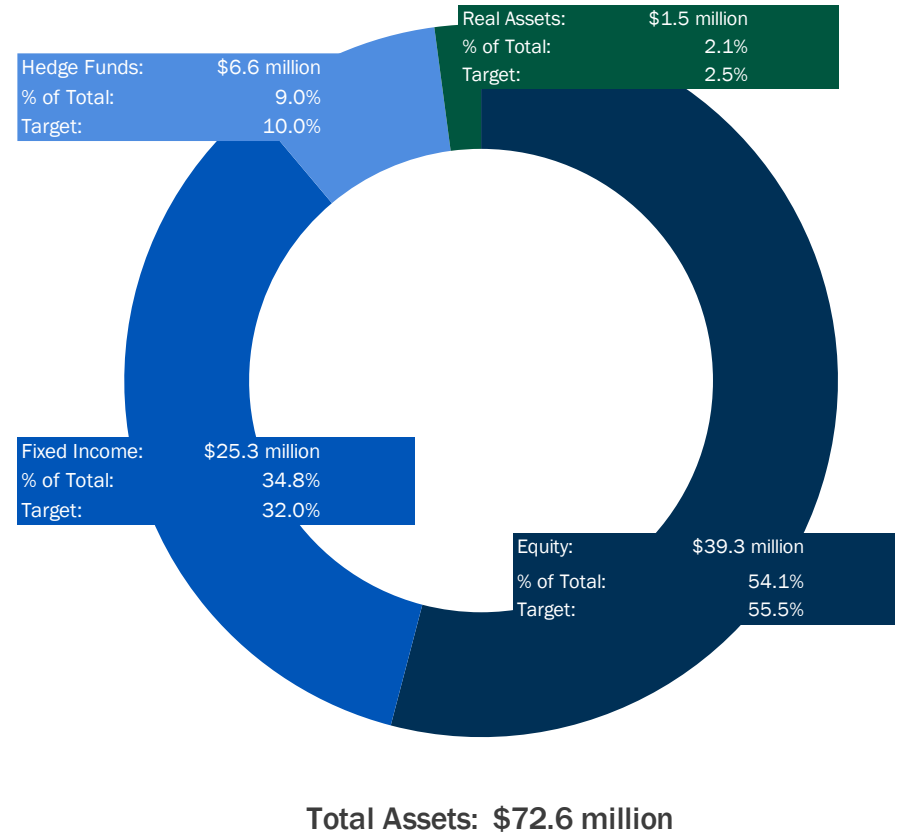
## Total Portfolio Overview

As of June 30, 2018

### Growth of Assets



### Asset Allocation





# Bi-State Development Agency Pension Plan for Salaried Employees

## Plan Cash Flow Activity (\$, millions)

As of June 30, 2018

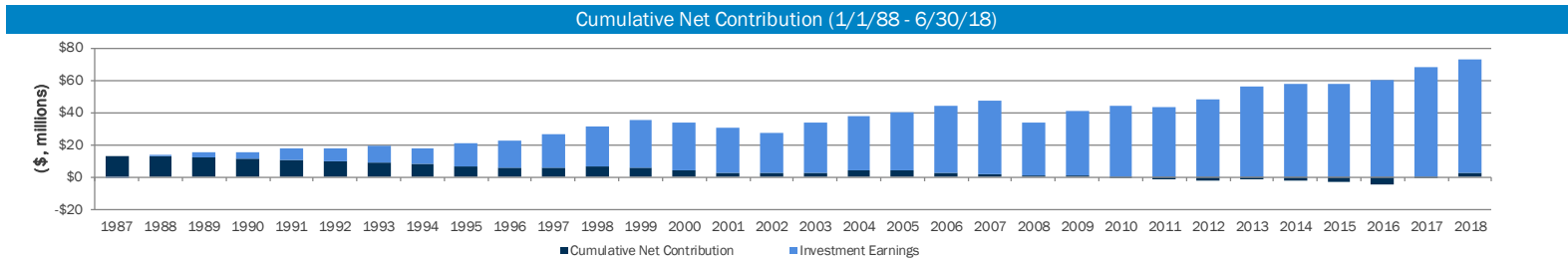
2nd Quarter 2018 Activity (\$, millions)		2018 Activity (\$, millions)	
Beginning Value: (4/1/18)	\$68.1	Beginning Value: (1/1/18)	\$67.5
Contributions:	\$4.8	Contributions:	\$5.9
Withdrawals:	(\$1.2)	Withdrawals:	(\$2.4)
Investment Earnings:	<u>\$0.9</u>	Investment Earnings:	<u>\$1.6</u>
Ending Value: (6/30/18)	\$72.6	Ending Value: (6/30/18)	\$72.6



# Bi-State Development Agency Pension Plan for Salaried Employees

## Cumulative Net Contribution

### As of June 30, 2018



Date	Gross Annual Contributions	Annual Benefit Payout	Administrative Expenses	Investment Manager/Trustee Fees	Cumulative Net 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	\$0	(\$1,079,871)	(\$46,503)	(\$11,199)	\$8,061,845	\$17,910,124
1995	\$0	(\$1,057,901)	(\$62,504)	(\$8,195)	\$6,933,245	\$20,891,920
1996	\$0	(\$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	\$0	(\$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)	\$0	(\$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	\$8,165,275	(\$4,489,373)	(\$56,307)	(\$139,449)	(\$833,760)	\$67,522,728
2018	\$5,893,152	(\$2,288,225)	(\$28,866)	(\$21,894)	\$2,720,407	\$72,592,696
<b>Cumulative Totals</b>	<b>\$60,495,390</b>	<b>(\$66,279,304)</b>	<b>(\$2,663,553)</b>	<b>(\$1,013,851)</b>		

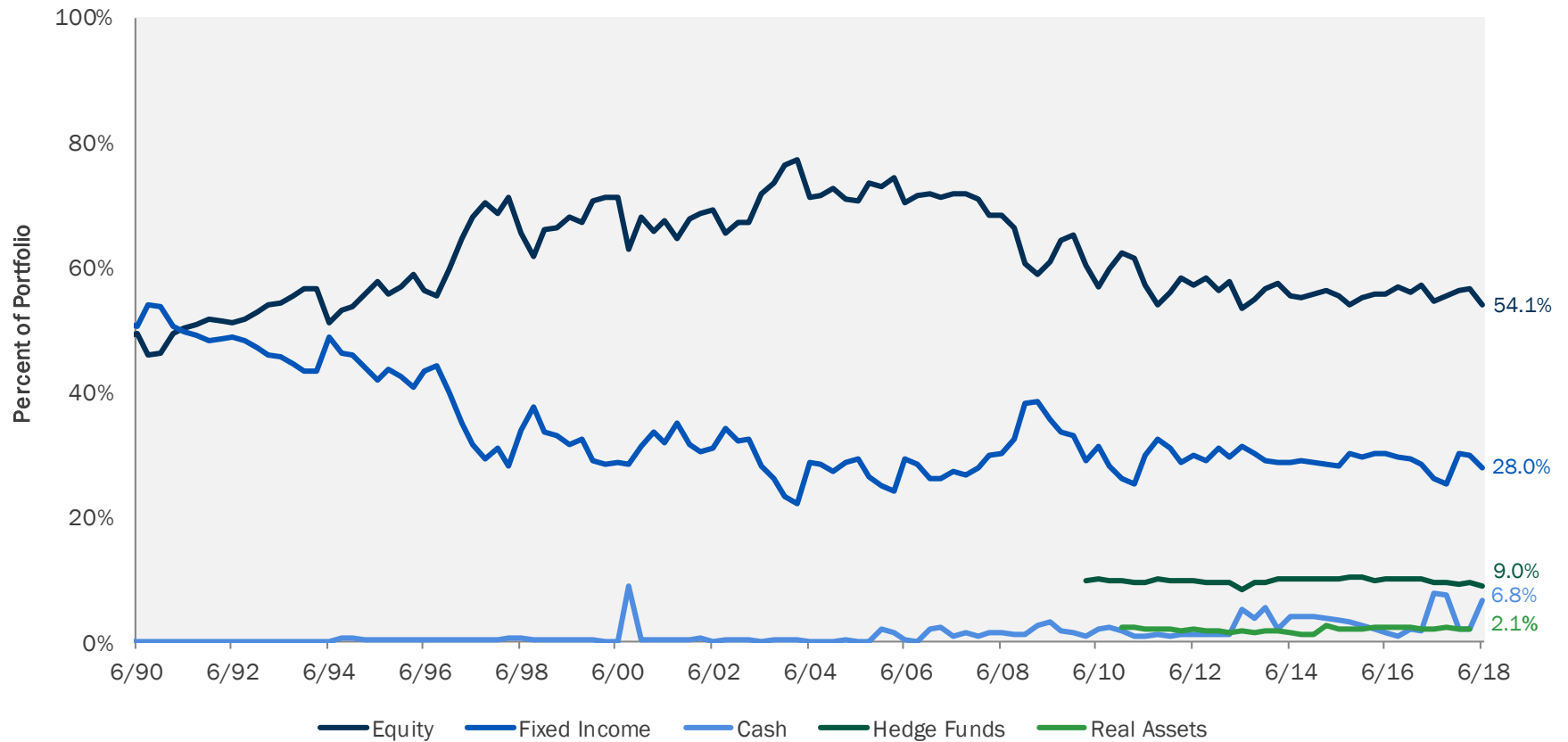


# Bi-State Development Agency Pension Plan for Salaried Employees

## Total Portfolio Historical Asset Allocation

As of June 30, 2018

### Total Portfolio Allocation





# Bi-State Development Agency Pension Plan for Salaried Employees

## Total Portfolio Manager Allocation

As of June 30, 2018

	Value	Core	Growth	
U.S. Large Cap	Dodge & Cox: \$6.9 million % of Equity: 18%	Vanguard: \$6.7 million % of Equity: 17%	T. Rowe Price: \$7.1 million % of Equity: 18%	= \$20.8 million % of Equity: 53% Target: 52%
U.S. Mid/ Small Cap	Vaughan Nelson: \$2.8 million % of Equity: 7%	William Blair: \$4.1 million % of Equity: 10%		= \$6.9 million % of Equity: 18% Target: 16%
Non-U.S. Large Cap	Brandes: \$4.2 million % of Equity: 11%	EuroPacific: \$5.5 million % of Equity: 14%		= \$11.6 million % of Equity: 30% Target: 32%
Non-U.S. Small Cap	Templeton: \$1.9 million % of Equity: 5%			
				= \$39.3 million 100% of Equity
Real Assets	Credit Suisse: \$0.7 million % of Real Assets: 48%	Jennison: \$0.8 million % of Real Assets: 52%		= \$1.5 million 100% of Real Assets
	Short/Intermediate	Cash Equivalents		
Fixed Income	MetWest: \$20.4 million % of Fixed Income: 81%	BNY Mellon STIF: \$4.9 million % of Fixed Income: 19%		= \$25.3 million 100% of Fixed Income
Hedge Funds	Forester: \$3.1 million % of Hedge Funds: 47%	Wellington: \$3.5 million % of Hedge Funds: 53%		= \$6.6 million 100% of Hedge Funds
				= \$72.6 million 100% of Total Portfolio



# Fund Segment Market Benchmark Definitions

## Target Allocations (%)

<u>Market Benchmark</u>	<u>Total Fund</u>	<u>Equity Segment</u>	<u>Real Asset Segment</u>	<u>Hedge Fund Segment</u>	<u>Fixed Income Segment</u>
Wilshire 5000 Index	37.5%	68%	0%	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%	0%	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

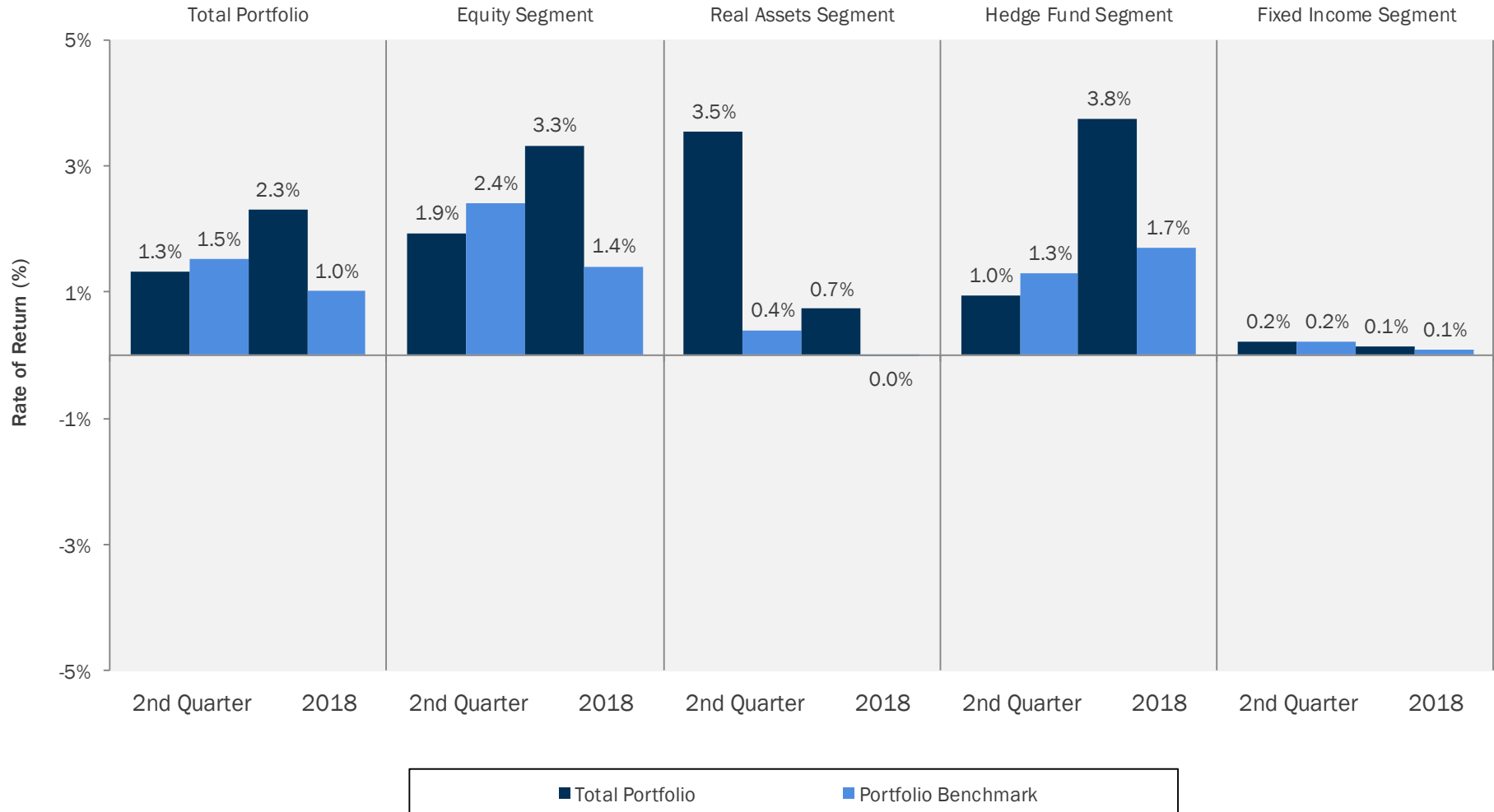
From 2/28/11-present, the Total Fund Benchmark is 37.5% Wilshire 5000, 18% MSCI EAFE, 10% HFRI Strategic Hedge, 32% Merrill Lynch 1-3 Year Treasury, and 2.5% Bloomberg Commodity Indexes



# Bi-State Development Agency Pension Plan for Salaried Employees

## Asset Class Performance

As of June 30, 2018

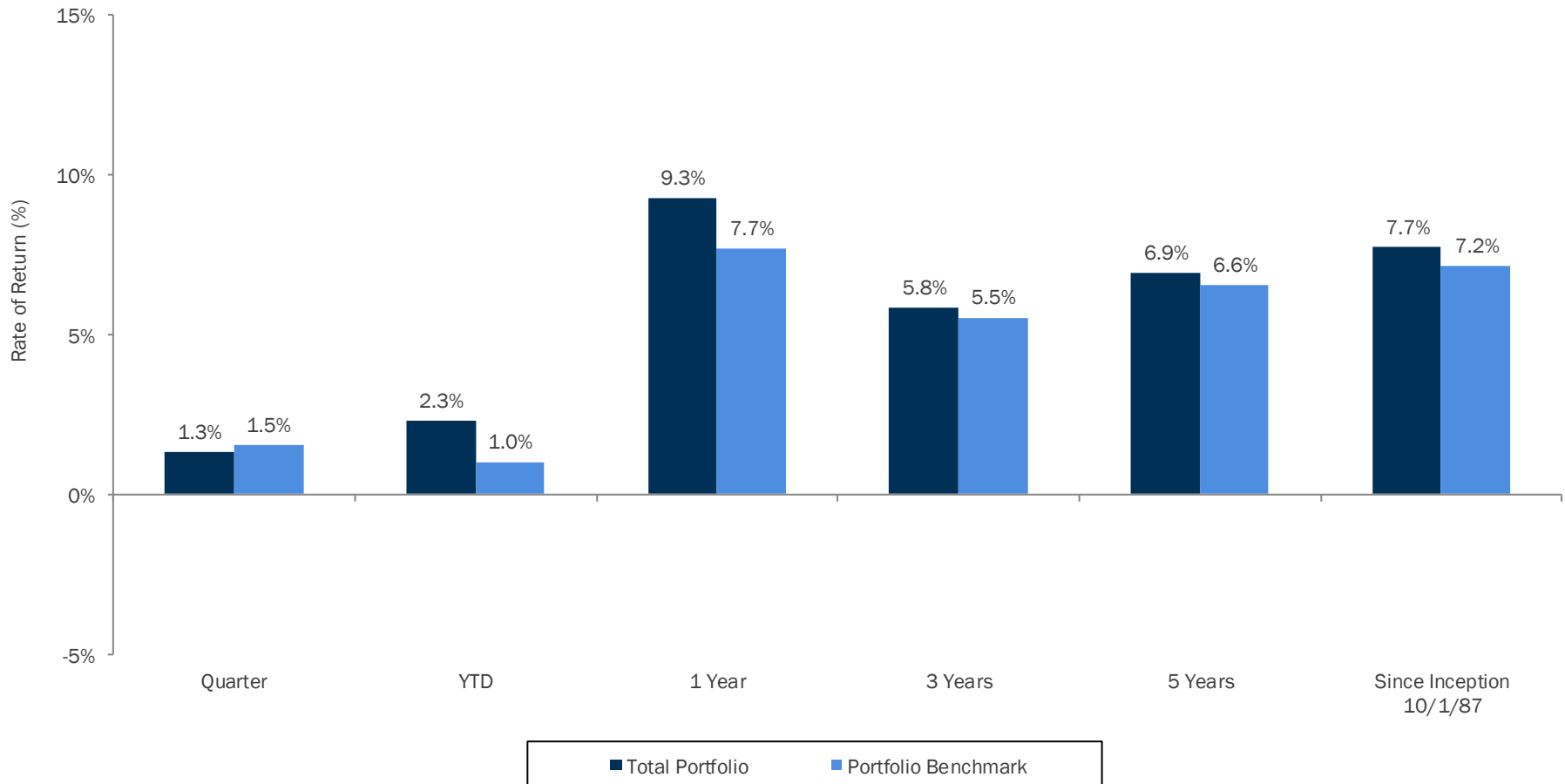




# Bi-State Development Agency Plan for Salaried Employees

## Total Portfolio Performance

As of June 30, 2018

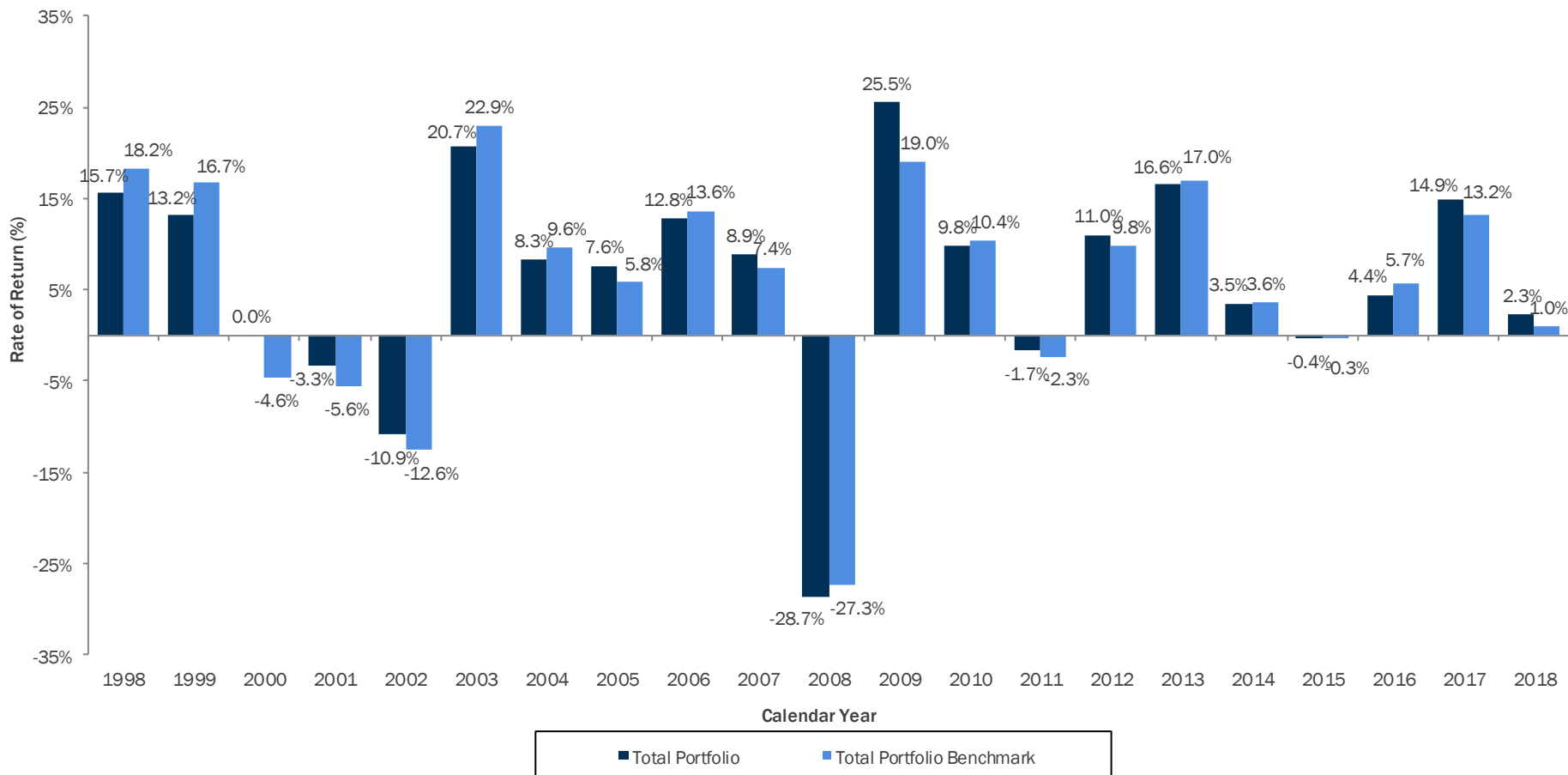




# Bi-State Development Agency Plan for Salaried Employees

## Calendar Year Performance

As of June 30, 2018





# Bi-State Development Agency Pension Plan for Salaried Employees

## Manager Performance Summary

### Periods Ended June 30, 2018

	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
<b>U.S. Equity</b>						
Dodge & Cox Stock Fund	2.8	1.0	12.8	9.7	9.3	10/10/2000
Russell 1000 Value Index	1.2	-1.7	10.3	8.5	7.3	
Vanguard 500 Index	3.4	2.6	13.4	10.2	13.5	3/15/2017
S&P 500 Index	3.4	2.6	13.4	10.2	13.5	
T. Rowe Price Blue Chip Growth	5.7	11.8	18.8	13.1	28.6	3/16/2017
Russell 1000 Growth Index	5.8	7.3	16.4	11.8	21.1	
Vaughan Nelson Value Opportunity	1.8	-0.5	8.9	–	5.7	2/18/2014
Russell Mid Cap Value Index	2.4	-0.2	11.3	10.1	9.0	
William Blair SMID Growth	5.4	10.9	15.6	13.3	12.2	1/11/2008
Russell 2000 Growth Index	7.2	9.7	13.6	11.2	10.7	
<b>Non-U.S. Equity</b>						
Brandes International Equity	-1.8	0.8	7.0	2.9	6.7	5/19/2009
MSCI EAFE Index	-1.2	-2.7	6.4	2.8	7.7	
EuroPacific Growth Fund	-2.9	-2.0	8.0	4.5	7.9	11/2/2001
MSCI EAFE Index	-1.2	-2.7	6.4	2.8	6.2	
Templeton Foreign Small Cos.	-3.5	-2.0	8.1	7.4	7.3	2/28/2011
MSCI EAFE Small Cap Index	-1.6	-1.3	11.3	6.8	8.1	

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



# Bi-State Development Agency Pension Plan for Salaried Employees

## Manager Performance Summary

### Periods Ended June 30, 2018

	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
<b>Real Assets</b>						
Credit Suisse Commodity Return Strategy	0.2	-0.4	-6.4	-9.0	-8.2	2/28/2011
Jennison Natural Resources	6.7	1.7	-1.4	-4.5	-5.1	2/28/2011
Bloomberg Commodities Index	0.4	0.0	-6.4	-9.0	-8.1	
<b>Hedge Funds</b>						
Wellington Archipelego	0.0	5.2	6.7	5.5	6.8	3/1/2010
HFRI Strategic Index	1.3	1.7	4.3	1.7	3.6	
Forester Offshore	2.0	2.2	4.8	4.4	4.8	6/30/2013
HFRI Strategic Index	1.3	1.7	4.3	1.7	4.3	
<b>Fixed Income</b>						
MetWest Low Duration Bond Fund	0.2	0.1	1.2	2.9	0.9	12/2/2014
Merrill U.S. Treasuries (1-3 Y)	0.2	0.1	0.6	1.2	0.5	

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



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# Manager Performance Review

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# Dodge & Cox Stock

As of 6/30/2018

## Portfolio Statistics

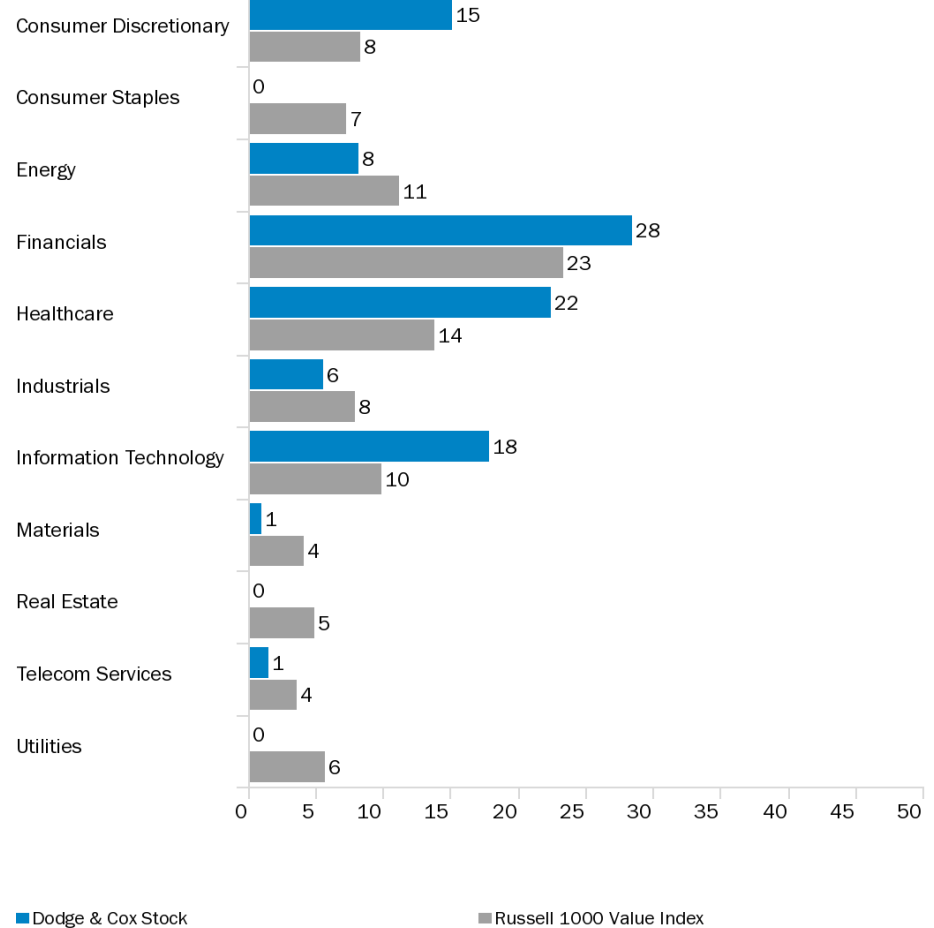
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	142.7	116.2
P/E Ratio	16.4	16.2
P/B Ratio	2.1	2.0
Dividend Yield (%)	1.8	2.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Charles Schwab Corp	Financials	4.0	-0.1
Capital One Financial Corp	Financials	3.7	-6.9
Wells Fargo & Co	Financials	3.6	-7.3
Bank of America Corporation	Financials	3.6	-3.7
Microsoft Corp	Information Technology	3.1	16.3
Comcast Corp Class A	Consumer Discretionary	3.1	-17.2
Charter Communications Inc A	Consumer Discretionary	2.8	-12.7
Alphabet Inc C	Information Technology	2.8	6.6
Time Warner Inc	Consumer Discretionary	2.6	3.8
JPMorgan Chase & Co	Financials	2.6	-1.5

## Sector Allocation (%)



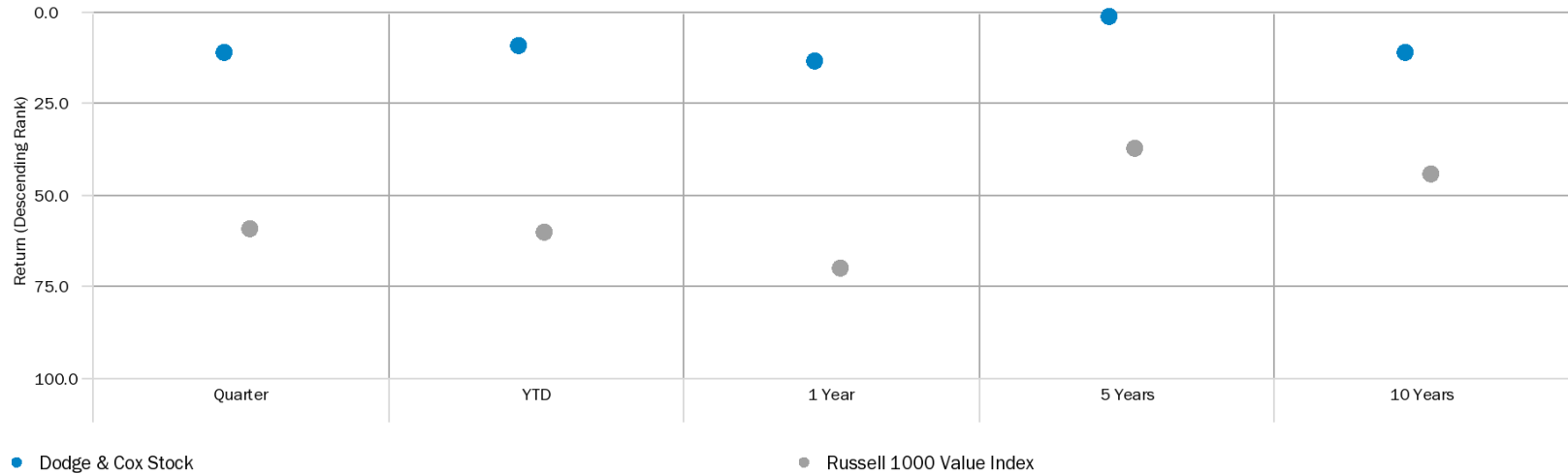
Source: Morningstar Direct



# Dodge & Cox Stock

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Dodge & Cox Stock	2.8	1.0	11.9	12.8	9.7
Peer group percentile	11	9	13	1	11
Russell 1000 Value Index	1.2	-1.7	6.8	10.3	8.5
Peer group percentile	59	60	70	37	44
25th Percentile	2.2	-0.3	10.4	10.8	9.2
50th Percentile	1.4	-1.3	8.4	9.9	8.3
75th Percentile	0.5	-2.2	6.4	9.0	7.3

Source: Morningstar Direct



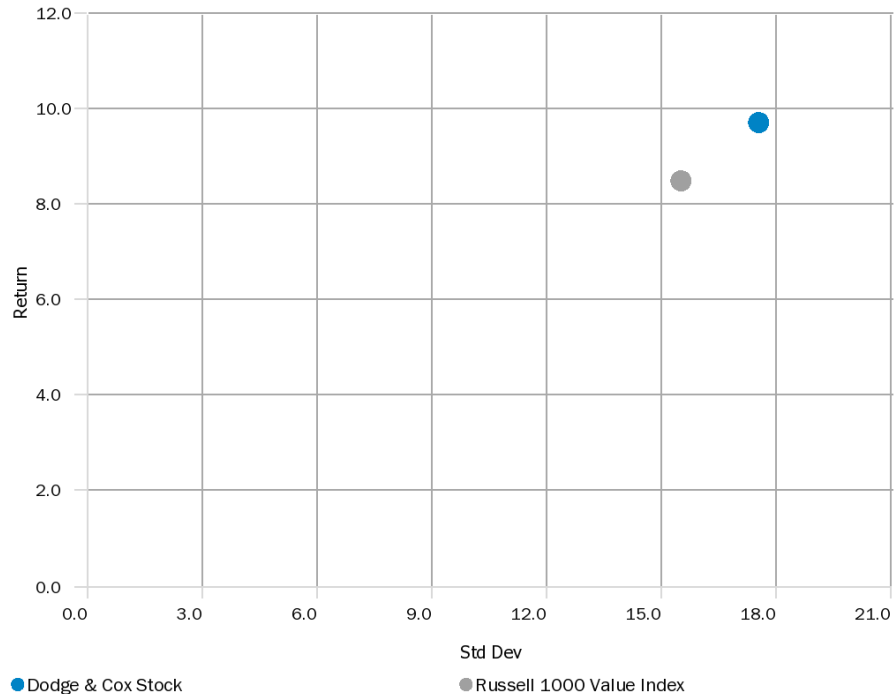
# Dodge & Cox Stock

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	18.3	1.0	10.9	12.8	9.7
Russell 1000 Value Index	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	13.7	-1.7	8.3	10.3	8.5

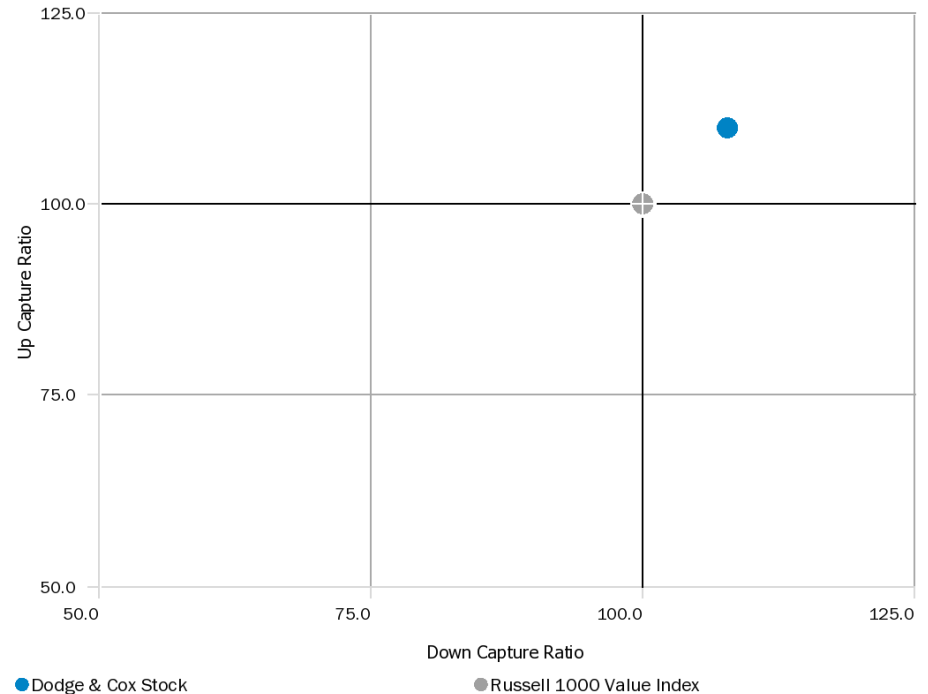
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

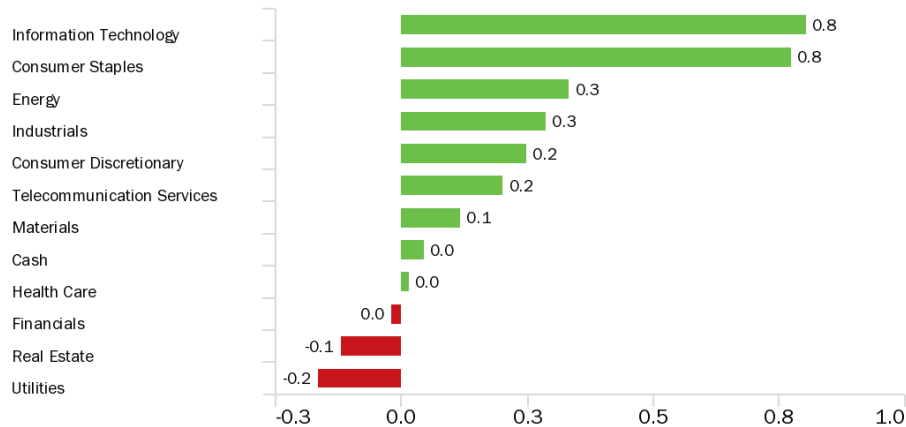


# Dodge & Cox Stock

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Twenty-First Century Fox Inc Class A	1.9	44.6	0.7
Anadarko Petroleum Corp	2.1	37.6	0.5
Microsoft Corp	3.1	16.3	0.3
GlaxoSmithKline PLC ADR	1.7	17.2	0.2
Union Pacific Corp	1.4	6.8	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Comcast Corp Class A	2.9	-17.3	-0.6
Charter Communications Inc A	2.5	-12.7	-0.3
Micro Focus International PLC ADR	0.5	-48.0	-0.3
Cigna Corp	1.6	-16.3	-0.3
DISH Network Corp Class A	0.5	-29.6	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.6	2.6	0.2	6.7	1.2	0.1	0.1	0.1	0.2
Consumer Staples	0.2	-9.4	0.0	7.5	-11.7	-0.9	0.8	0.0	0.8
Energy	8.3	15.7	1.3	11.1	7.8	0.9	-0.2	0.6	0.3
Financials	28.4	-4.5	-1.3	27.1	-4.6	-1.2	0.0	0.0	0.0
Health Care	22.3	-0.5	-0.1	14.2	0.2	0.0	0.2	-0.2	0.0
Industrials	5.3	-4.9	-0.3	8.2	-7.3	-0.6	0.2	0.1	0.3
Information Technology	18.0	6.1	1.1	9.0	5.0	0.4	0.6	0.2	0.8
Materials	1.0	4.7	0.0	3.0	-3.5	-0.1	0.0	0.1	0.1
Real Estate	0.0		0.0	4.6	0.6	0.0	-0.1	0.0	-0.1
Telecommunication Services	1.5	-4.5	-0.1	2.8	-9.7	-0.3	0.1	0.1	0.2
Utilities	0.0		0.0	5.8	1.0	0.1	-0.2	0.0	-0.2
Cash	1.2	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.8	0.8	100.0	-1.7	-1.7	1.5	1.0	2.5

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

Source: Morningstar Direct



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



# Vanguard 500 Index

As of 6/30/2018

## Portfolio Statistics

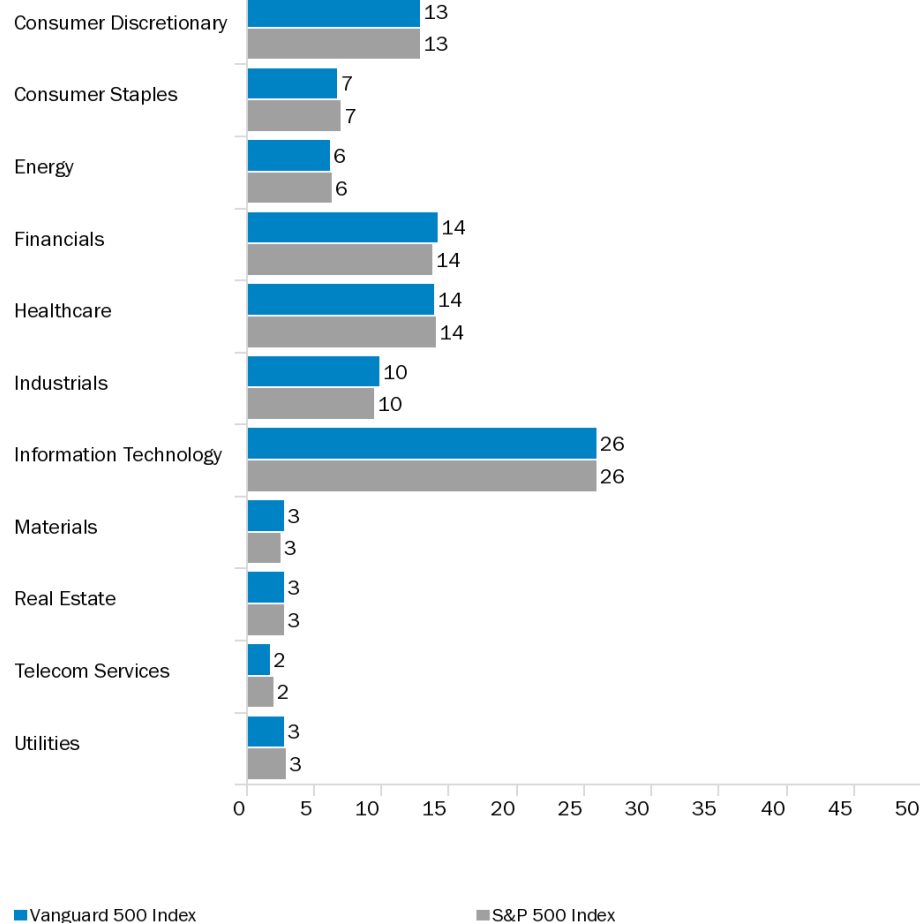
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	218.5	217.5
P/E Ratio	21.0	21.0
P/B Ratio	3.2	3.2
Dividend Yield (%)	1.9	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Apple Inc	Information Technology	4.1	10.2
Microsoft Corp	Information Technology	3.3	16.3
Amazon.com Inc	Consumer Discretionary	2.8	45.3
Facebook Inc A	Information Technology	2.0	10.1
JPMorgan Chase & Co	Financials	1.6	-1.5
Berkshire Hathaway Inc B	Financials	1.5	-5.8
Exxon Mobil Corp	Energy	1.5	0.8
Alphabet Inc C	Information Technology	1.4	6.6
Alphabet Inc A	Information Technology	1.4	7.2
Johnson & Johnson	Health Care	1.4	-11.9

## Sector Allocation (%)



Source: Morningstar Direct



# Vanguard 500 Index

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Vanguard 500 Index	3.4	2.6	14.3	13.4	10.2
Peer group percentile	23	24	26	10	16
S&P 500 Index	3.4	2.6	14.4	13.4	10.2
Peer group percentile	23	23	25	9	15
25th Percentile	3.4	2.6	14.4	13.0	9.9
50th Percentile	2.9	1.8	13.0	12.1	9.2
75th Percentile	2.0	0.3	10.6	10.9	8.2

Source: Morningstar Direct



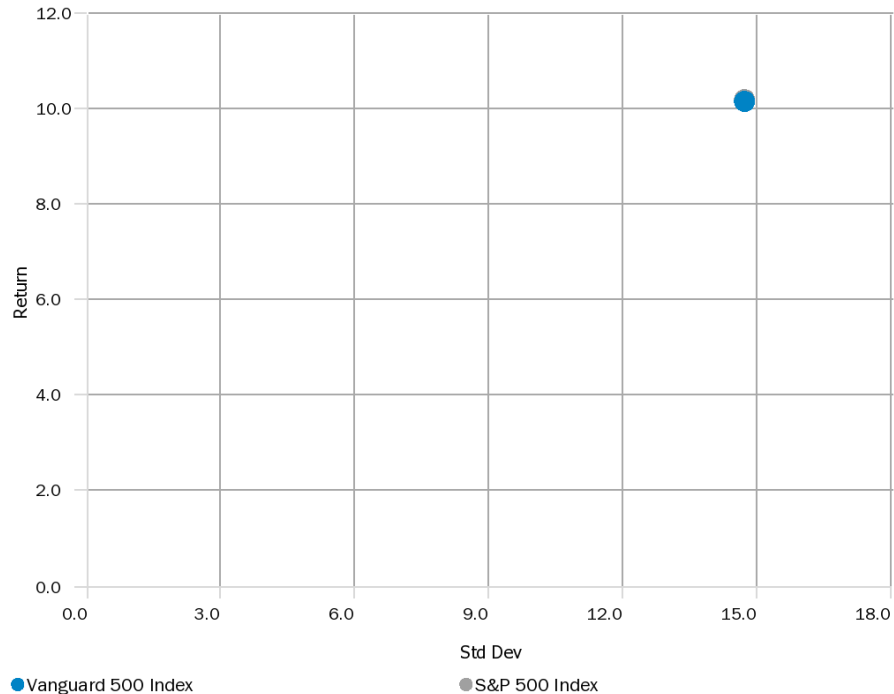
# Vanguard 500 Index

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	21.8	2.6	11.9	13.4	10.2
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2

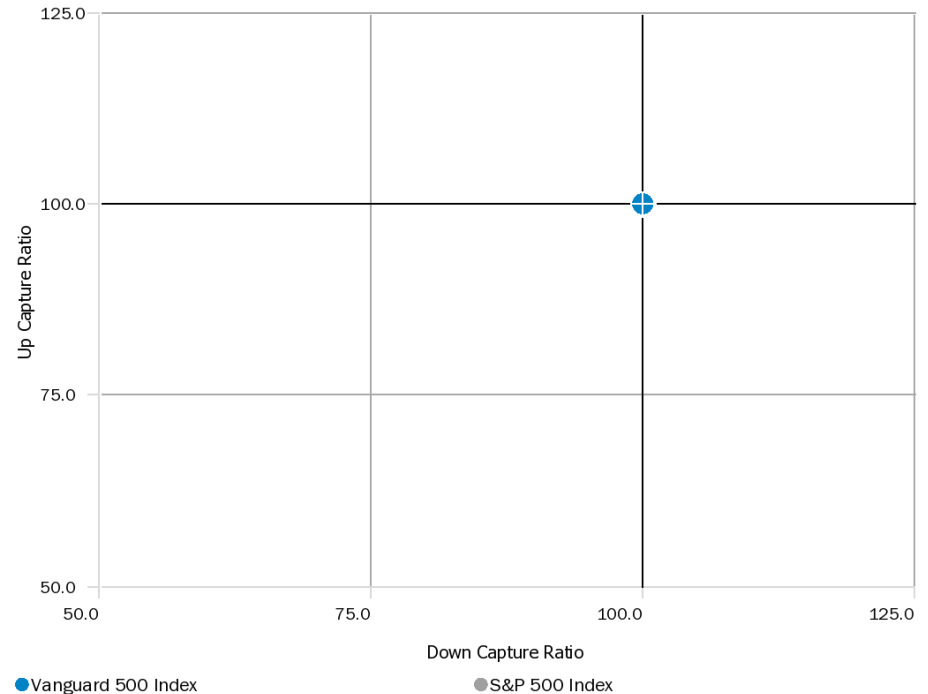
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct



# T. Rowe Price Blue Chip Growth

As of 6/30/2018

## Portfolio Statistics

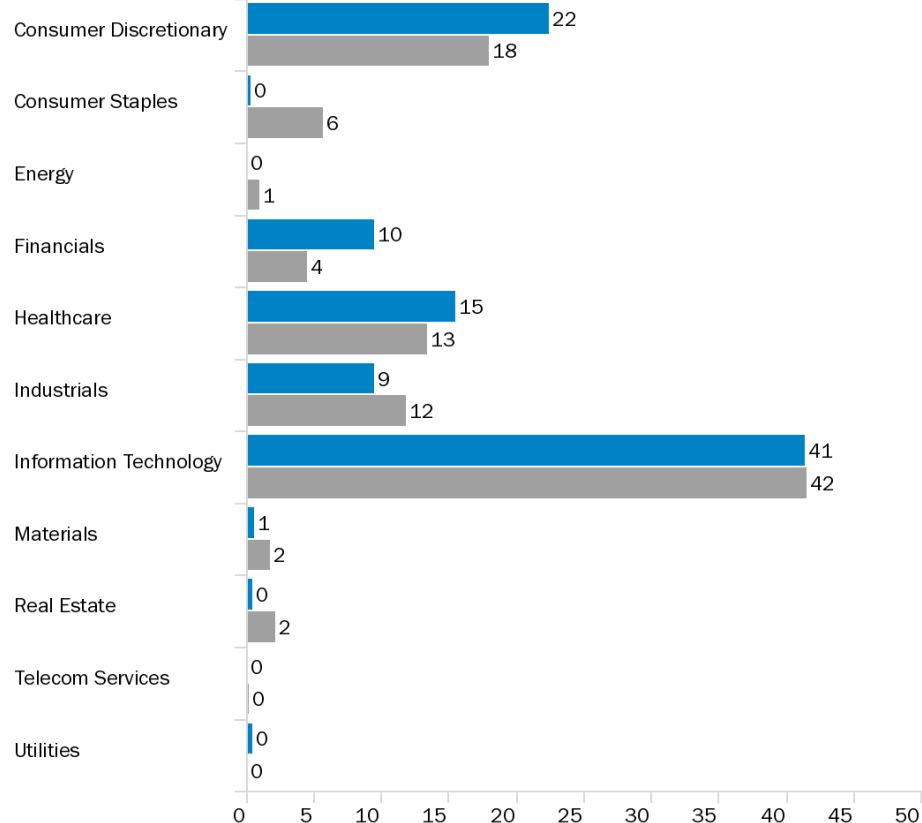
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	298.7	275.2
P/E Ratio	33.6	28.9
P/B Ratio	5.9	7.1
Dividend Yield (%)	0.7	1.2

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Amazon.com Inc	Consumer Discretionary	9.9	45.3
Microsoft Corp	Information Technology	4.5	16.3
Facebook Inc A	Information Technology	4.5	10.1
Booking Holdings Inc	Consumer Discretionary	4.3	16.7
Alphabet Inc C	Information Technology	4.0	6.6
Alibaba Group Holding Ltd ADR	Information Technology	3.7	7.6
Boeing Co	Industrials	3.2	14.9
Visa Inc Class A	Information Technology	3.2	16.5
Mastercard Inc A	Information Technology	2.8	30.2
UnitedHealth Group Inc	Health Care	2.6	12.0

## Sector Allocation (%)



■ T. Rowe Price Blue Chip Growth

■ Russell 1000 Growth Index

Source: Morningstar Direct



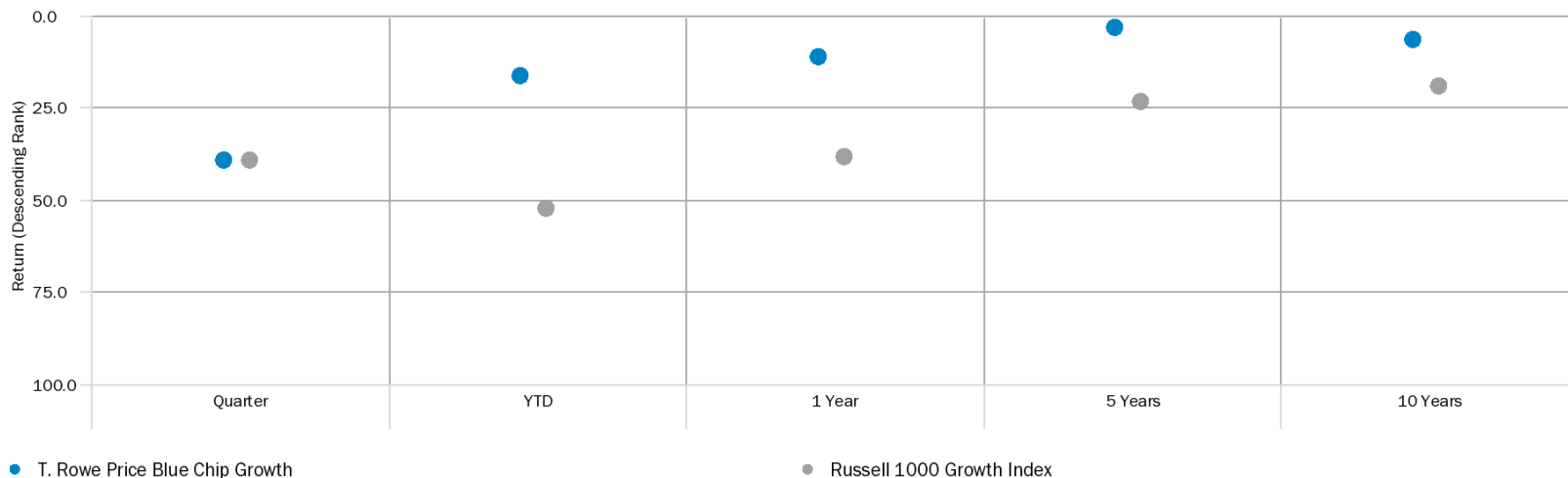
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All information herein is confidential and proprietary.



# T. Rowe Price Blue Chip Growth

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
T. Rowe Price Blue Chip Growth	5.7	11.8	28.0	18.8	13.1
Peer group percentile	39	16	11	3	6
Russell 1000 Growth Index	5.8	7.3	22.5	16.4	11.8
Peer group percentile	39	52	38	23	19
25th Percentile	6.4	10.4	24.7	16.2	11.5
50th Percentile	5.2	7.5	21.1	14.8	10.4
75th Percentile	3.6	4.9	16.8	13.1	9.2

Source: Morningstar Direct



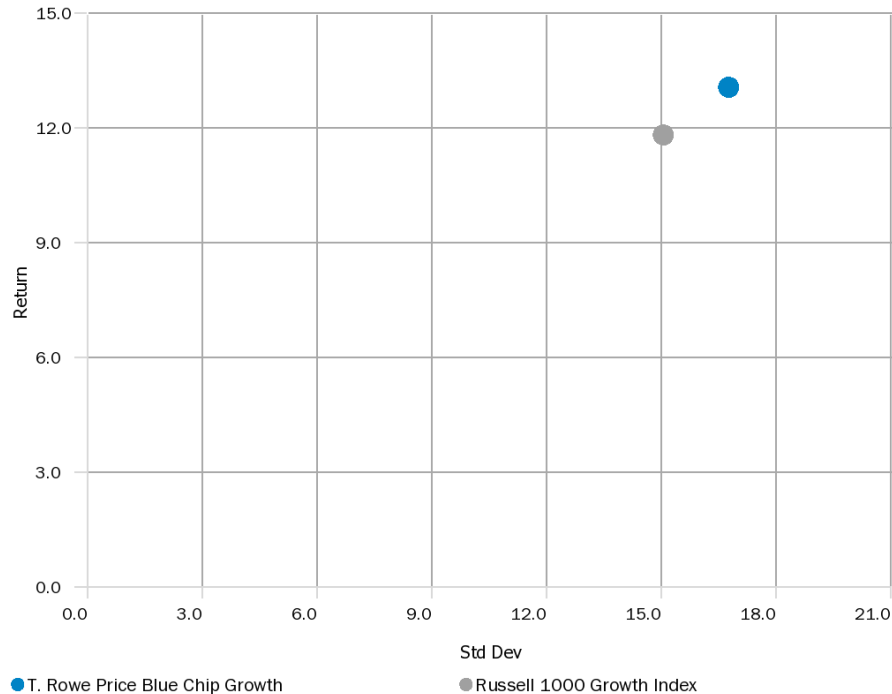
# T. Rowe Price Blue Chip Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
T. Rowe Price Blue Chip Growth	-42.6	42.6	16.4	1.5	18.4	41.6	9.3	11.1	1.1	36.7	11.8	17.3	18.8	13.1
Russell 1000 Growth Index	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	30.2	7.3	15.0	16.4	11.8

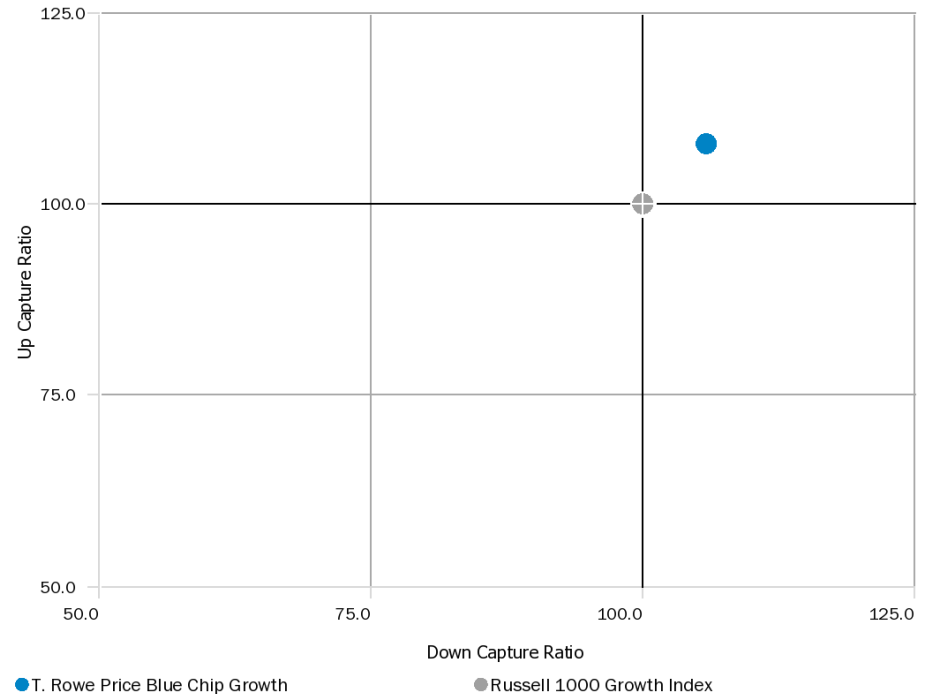
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

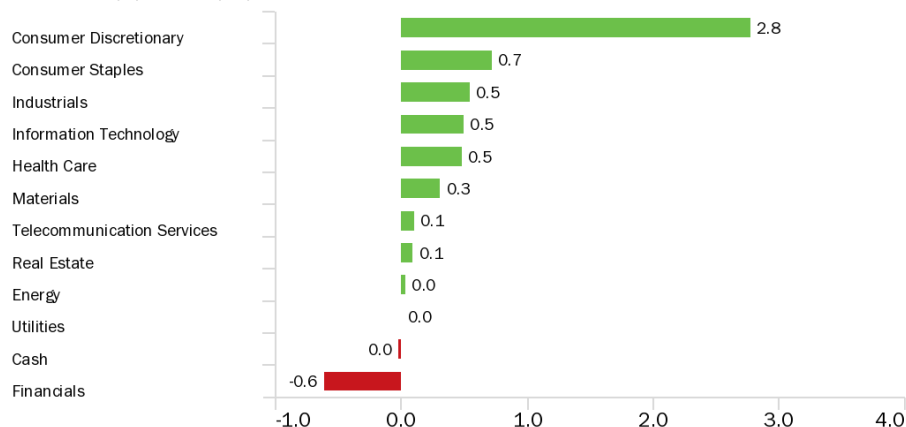


# T. Rowe Price Blue Chip Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Amazon.com Inc	5.6	45.3	1.3
Boeing Co	1.8	14.9	0.4
ServiceNow Inc	1.4	32.3	0.2
Salesforce.com Inc	1.3	33.4	0.2
Mastercard Inc A	1.5	30.2	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
American Airlines Group Inc	1.4	-26.7	-0.4
Tencent Holdings Ltd	2.2	-3.1	-0.3
Morgan Stanley	2.2	-8.8	-0.3
Alibaba Group Holding Ltd ADR	3.7	7.6	-0.2
Cigna Corp	0.7	-16.3	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	22.2	26.7	5.5	18.7	13.9	2.5	0.2	2.6	2.8
Consumer Staples	0.5	-9.9	0.0	6.3	-4.4	-0.3	0.7	0.0	0.7
Energy	0.0		0.0	0.9	3.5	0.0	0.0	0.0	0.0
Financials	8.9	-0.1	-0.1	3.4	4.1	0.1	-0.2	-0.4	-0.6
Health Care	15.9	8.6	1.4	12.7	5.2	0.7	-0.1	0.5	0.5
Industrials	9.0	-0.6	-0.1	12.6	-2.5	-0.3	0.4	0.2	0.5
Information Technology	41.8	13.1	5.5	38.8	12.3	4.7	0.2	0.3	0.5
Materials	0.6	-2.5	0.0	3.5	-2.5	-0.1	0.3	0.0	0.3
Real Estate	0.8	0.1	0.0	2.4	1.7	0.0	0.1	0.0	0.1
Telecommunication Services	0.0		0.0	0.9	-2.9	0.0	0.1	0.0	0.1
Utilities	0.3	9.5	0.0	0.0	8.0	0.0	0.0	0.0	0.0
Cash	0.3	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	12.2	12.2	100.0	7.3	7.3	1.7	3.2	4.9

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

Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Portfolio Statistics

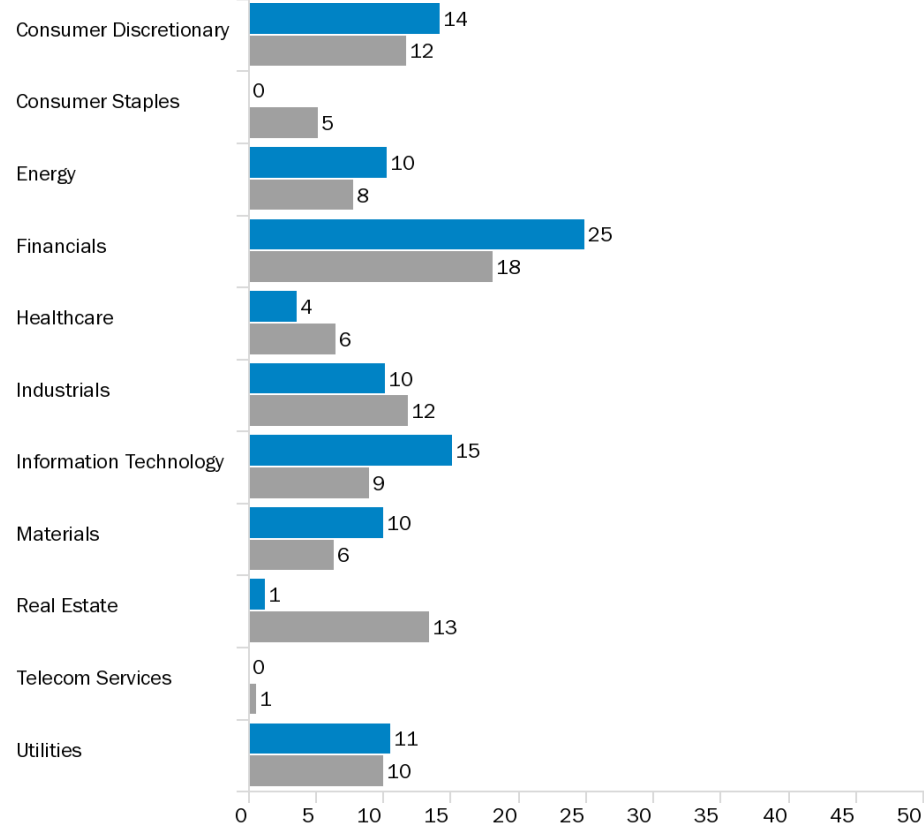
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	10.7	14.2
P/E Ratio	14.8	17.5
P/B Ratio	2.1	1.9
Dividend Yield (%)	1.9	2.1

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
WPX Energy Inc Class A	Energy	3.4	28.1
Bank of N.T Butterfield & Son Ltd	Financials	3.1	28.1
Continental Resources Inc	Energy	2.6	22.3
New Residential Investment Corp	Financials	2.6	3.4
Ares Capital Corp	Financials	2.5	9.5
Centene Corp	Health Care	2.3	22.1
Crown Holdings Inc	Materials	2.2	-20.4
Fidelity National Information Services Inc	Information Technology	2.1	13.4
CACI International Inc Class A	Information Technology	2.1	27.4
Atlantica Yield PLC	Utilities	2.0	-1.9

## Sector Allocation (%)



■ Natixis Vaughan Nelson Value Opp

■ Russell Mid Cap Value Index

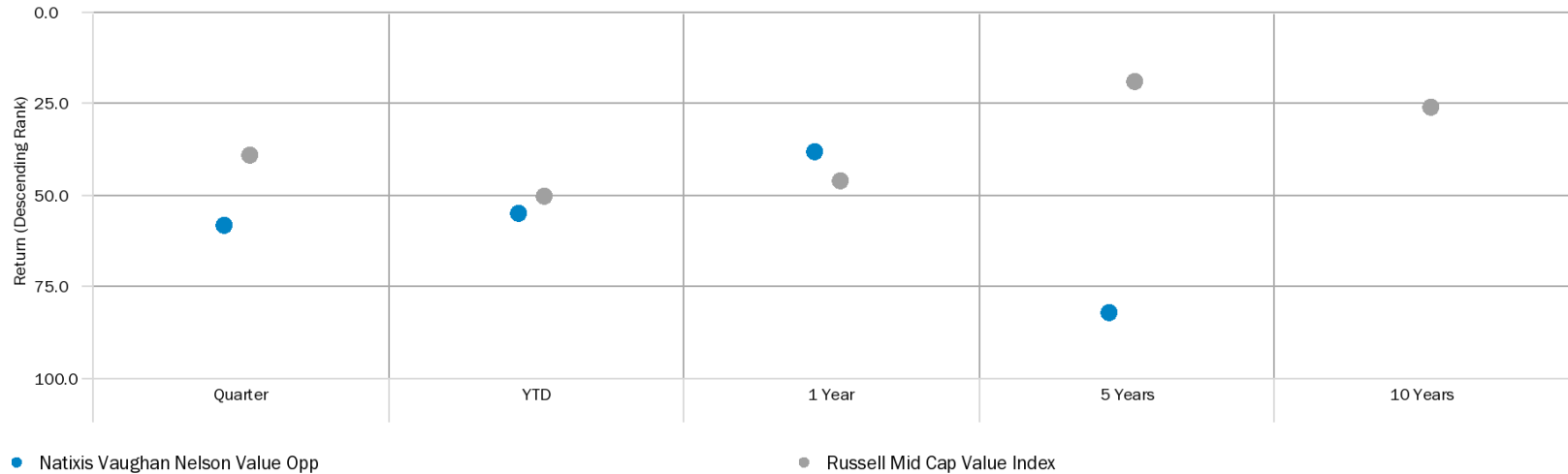
Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	1.8	-0.5	8.3	8.9	
Peer group percentile	58	55	38	82	
Russell Mid Cap Value Index	2.4	-0.2	7.6	11.3	10.1
Peer group percentile	39	50	46	19	26
25th Percentile	3.3	1.4	10.1	10.8	10.1
50th Percentile	2.1	-0.2	7.4	10.0	8.7
75th Percentile	1.0	-1.4	5.9	9.3	8.0

Source: Morningstar Direct



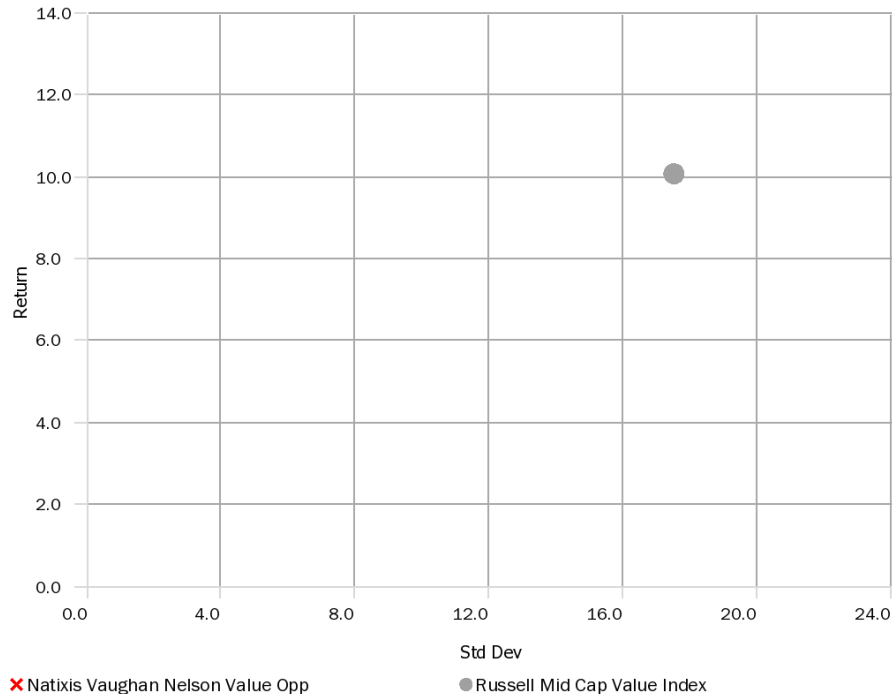
# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	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	13.2	-0.5	2.4	8.9	
Russell Mid Cap Value Index	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	13.3	-0.2	8.8	11.3	10.1

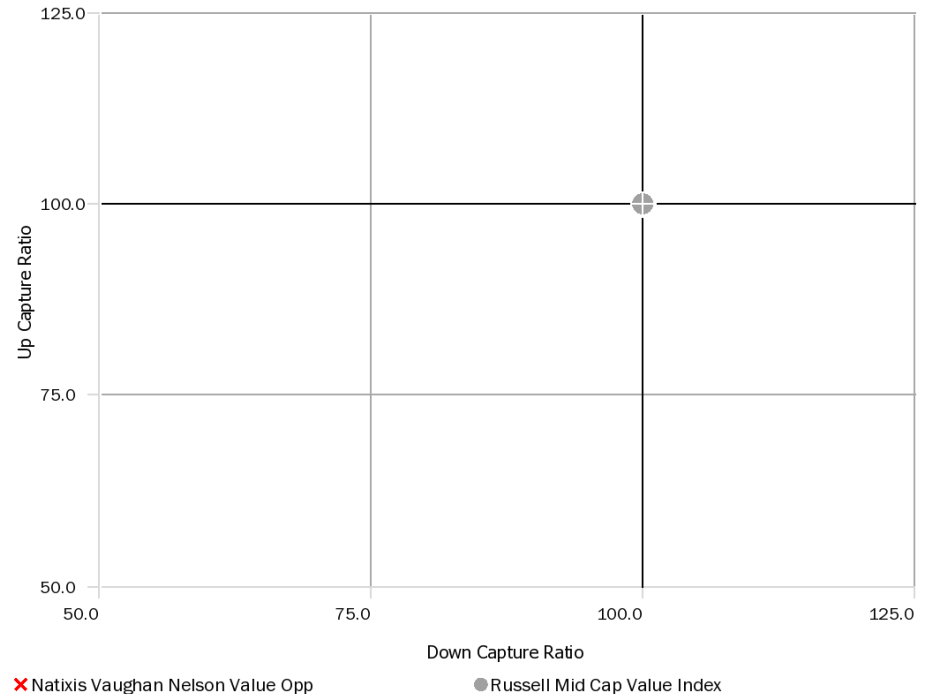
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

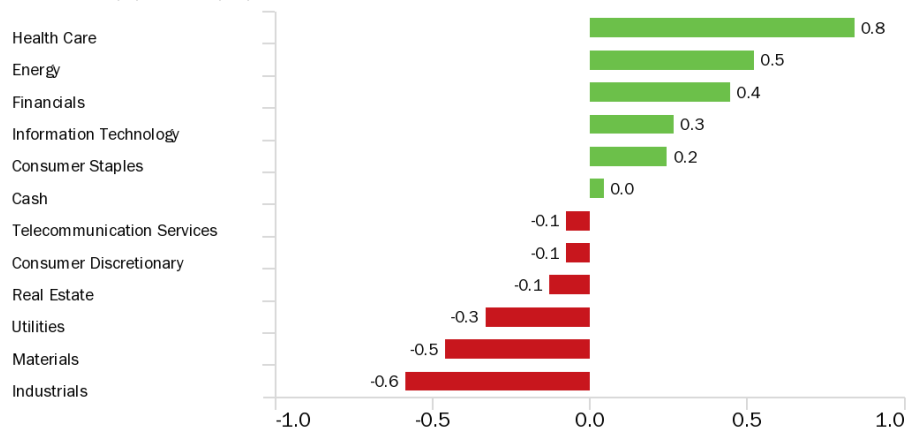


# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Bank of N.T Butterfield & Son Ltd	2.9	28.0	0.7
Centene Corp	1.7	22.1	0.4
WPX Energy Inc Class A	2.7	28.1	0.4
Extended Stay America Inc	2.0	16.2	0.3
KAR Auction Services Inc	1.8	9.9	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Mohawk Industries Inc	1.7	-22.3	-0.4
Crown Holdings Inc	2.2	-20.4	-0.4
NCR Corp	1.7	-11.8	-0.4
Forum Energy Technologies Inc	1.2	-20.6	-0.4
CommScope Holding Co Inc	1.4	-22.8	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	-1.4	-0.3	11.9	-1.9	-0.2	0.0	-0.1	-0.1
Consumer Staples	0.0		0.0	3.9	-6.4	-0.3	0.2	0.0	0.2
Energy	8.7	16.6	1.4	8.4	10.3	0.9	0.0	0.5	0.5
Financials	25.6	-0.1	0.0	20.8	-2.0	-0.4	0.0	0.5	0.4
Health Care	4.0	18.9	0.7	6.5	-2.0	-0.1	0.0	0.8	0.8
Industrials	13.0	-10.8	-1.6	12.0	-7.9	-1.0	-0.1	-0.5	-0.6
Information Technology	15.2	5.8	0.9	6.5	10.6	0.6	1.0	-0.7	0.3
Materials	10.6	-5.7	-0.7	5.6	-2.9	-0.2	-0.1	-0.3	-0.5
Real Estate	1.2	-0.3	0.0	13.7	0.6	0.1	-0.1	0.0	-0.1
Telecommunication Services	0.0		0.0	0.5	15.5	0.1	-0.1	0.0	-0.1
Utilities	4.5	-2.6	0.1	10.2	2.5	0.2	-0.2	-0.2	-0.3
Cash	1.6	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.5	0.5	100.0	-0.2	-0.2	0.7	0.0	0.7

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

Source: Morningstar Direct



# William Blair Small-Mid Cap Gr

As of 6/30/2018

## Portfolio Statistics

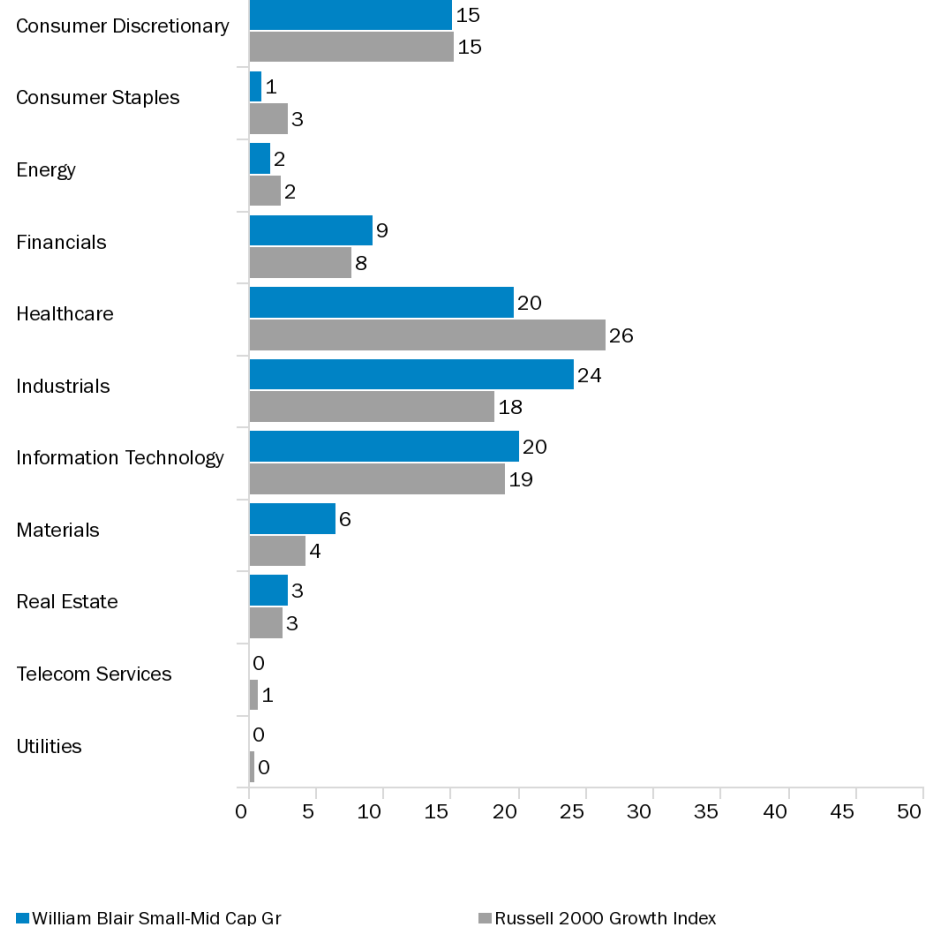
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	7.4	2.5
P/E Ratio	30.1	25.6
P/B Ratio	4.6	4.3
Dividend Yield (%)	0.6	0.6

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
CoStar Group Inc	Industrials	3.2	39.0
Copart Inc	Industrials	3.0	31.0
BWX Technologies Inc	Industrials	2.9	3.6
TransUnion	Industrials	2.3	30.5
Encompass Health Corp	Health Care	2.3	38.1
Booz Allen Hamilton Holding Corp	Information Technology	2.2	15.7
Ligand Pharmaceuticals Inc	Health Care	2.2	51.3
Six Flags Entertainment Corp	Consumer Discretionary	2.1	7.6
Hexcel Corp	Industrials	2.1	7.7
Domino's Pizza Inc	Consumer Discretionary	2.0	49.9

## Sector Allocation (%)



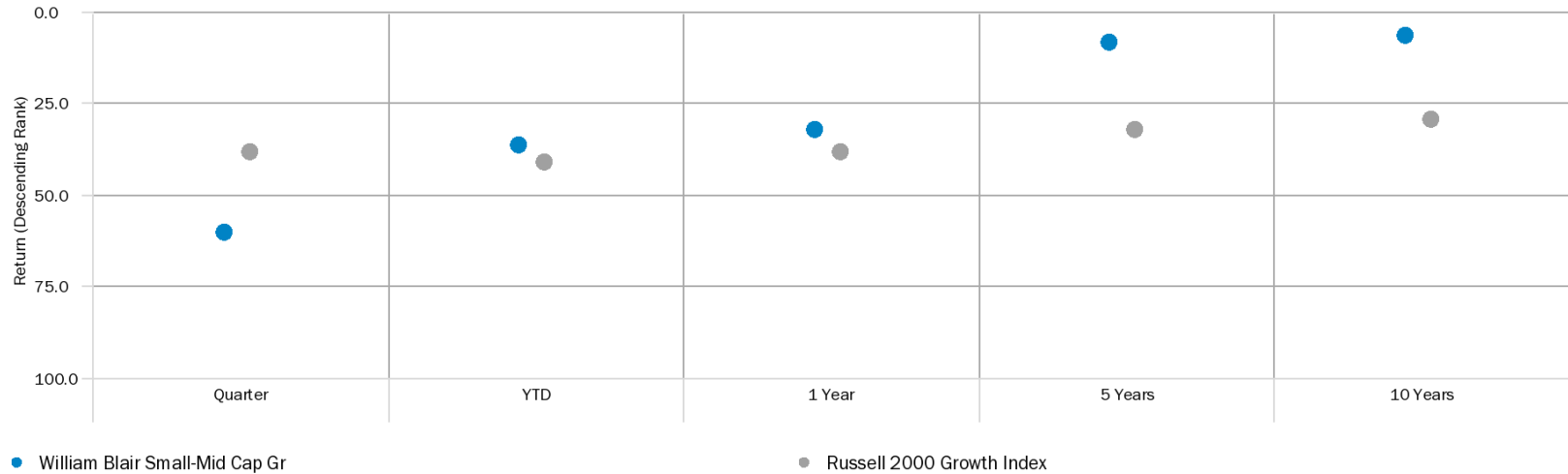
Source: Morningstar Direct



# William Blair Small-Mid Cap Gr

As of 6/30/2018

Peer Group: Open End Funds - U.S. - SMIG



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
William Blair Small-Mid Cap Gr	5.4	10.9	23.1	15.6	13.3
Peer group percentile	60	36	32	8	6
Russell 2000 Growth Index	7.2	9.7	21.9	13.6	11.2
Peer group percentile	38	41	38	32	29
25th Percentile	8.5	12.4	25.0	14.0	11.5
50th Percentile	6.4	8.3	19.6	12.6	10.2
75th Percentile	3.6	5.2	15.6	11.5	9.1

Source: Morningstar Direct



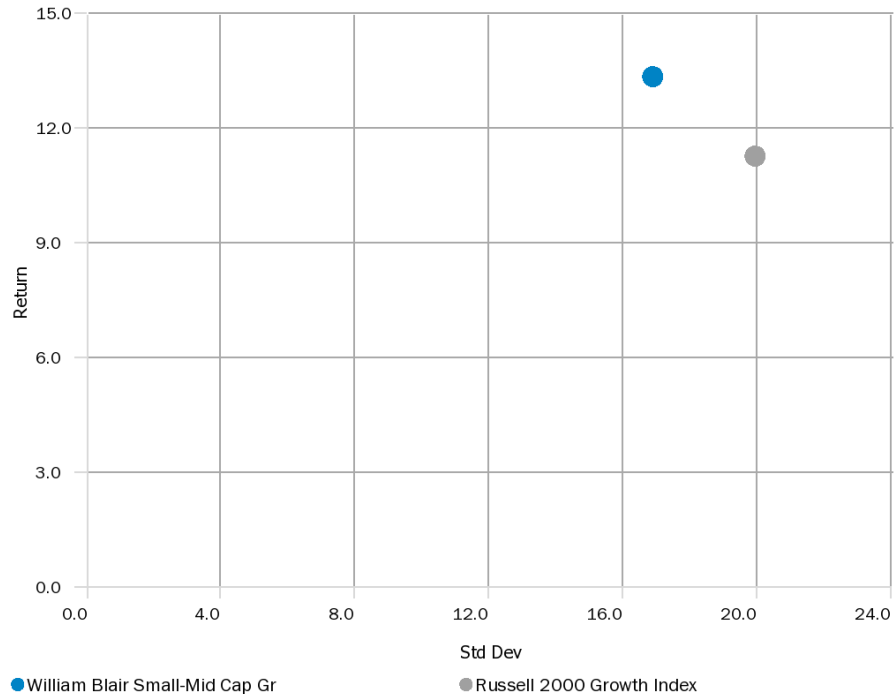
# William Blair Small-Mid Cap Gr

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
William Blair Small-Mid Cap Gr	-37.5	44.3	23.1	0.0	12.4	41.9	8.6	4.7	6.7	28.9	10.9	13.6	15.6	13.3
Russell 2000 Growth Index	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	22.2	9.7	10.6	13.6	11.2

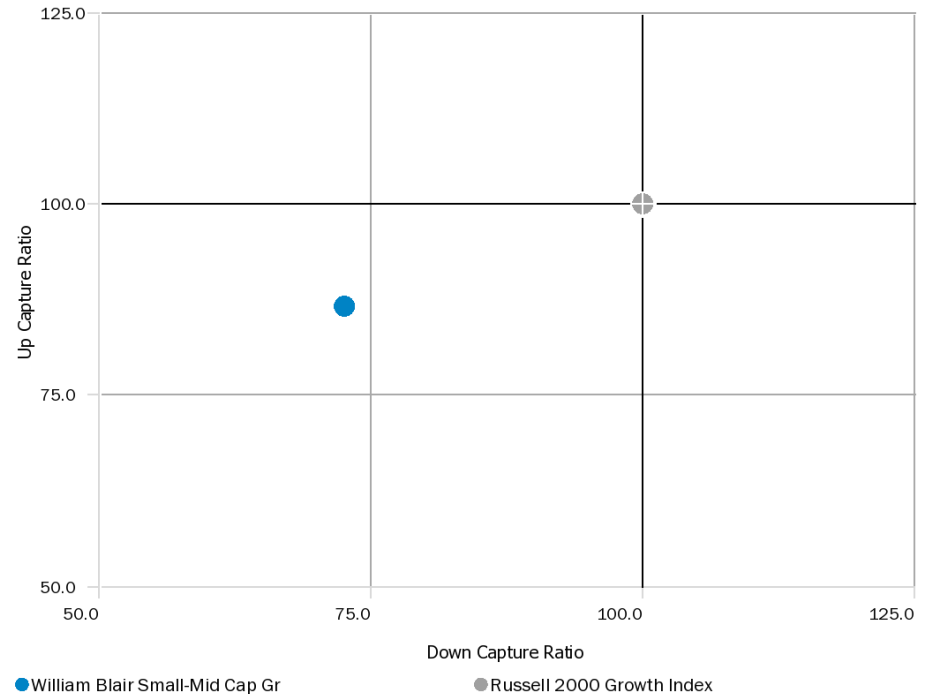
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

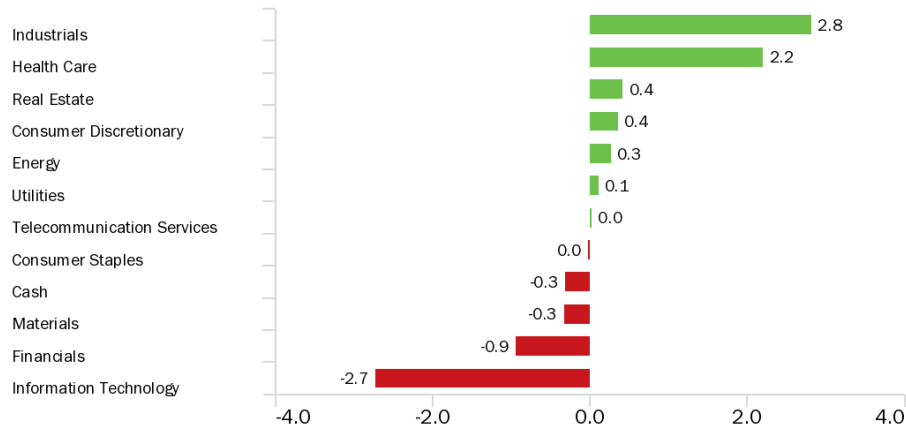


# William Blair Small-Mid Cap Gr

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Abiomed Inc	1.7	118.3	1.2
CoStar Group Inc	3.0	39.0	1.1
Copart Inc	3.3	31.0	1.1
Domino's Pizza Inc	2.4	50.0	0.9
TransUnion	2.0	30.5	0.6

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Rogers Corp	1.5	-31.2	-0.9
Coherent Inc	0.8	-44.6	-0.6
MaxLinear Inc A	0.8	-41.0	-0.6
Hilton Grand Vacations Inc	1.5	-17.3	-0.4
The Middleby Corp	1.7	-22.6	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	9.1	1.5	13.5	7.1	1.0	-0.1	0.4	0.4
Consumer Staples	0.7	15.7	0.1	2.5	11.7	0.3	0.0	0.0	0.0
Energy	1.7	15.5	0.3	1.3	-3.2	0.0	0.0	0.3	0.3
Financials	9.8	-2.5	-0.2	6.1	5.9	0.4	-0.1	-0.8	-0.9
Health Care	17.6	34.1	5.6	25.0	17.1	4.1	-0.6	2.8	2.2
Industrials	22.1	13.4	2.9	17.9	-1.4	-0.3	-0.4	3.2	2.8
Information Technology	20.4	5.7	1.3	24.6	18.5	4.3	-0.2	-2.6	-2.7
Materials	6.5	-1.2	-0.1	4.4	0.6	0.0	-0.2	-0.1	-0.3
Real Estate	3.1	14.1	0.4	3.2	0.8	0.0	0.0	0.4	0.4
Telecommunication Services	0.0		0.0	0.8	8.1	0.1	0.0	0.0	0.0
Utilities	0.0		0.0	0.7	-4.8	0.0	0.1	0.0	0.1
Cash	2.7	0.9	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	11.7	11.7	100.0	9.9	9.9	-1.7	3.5	1.8

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

Source: Morningstar Direct



# Brandes International Equity

As of 6/30/2018

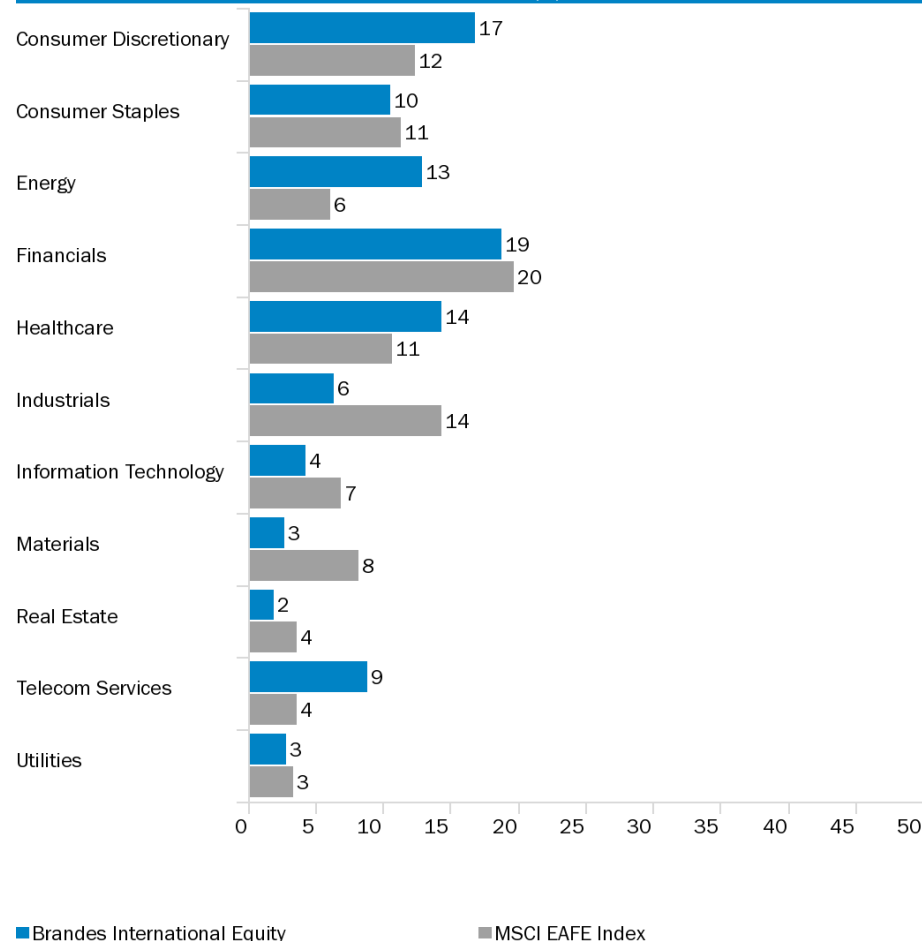
## Regional Allocation (%)

	Manager	Index
North America	0.0	0.9
Latin America Emerging	8.6	0.0
United Kingdom	23.3	17.2
Europe Developed	39.2	45.0
Europe Emerging	4.1	0.0
Africa/Middle East	0.0	0.5
Japan	16.4	24.6
Australia/New Zealand	0.0	6.6
Asia Developed	6.8	4.8
Asia Emerging	1.6	0.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Sanofi SA	Health Care	3.5	-3.0
GlaxoSmithKline PLC	Health Care	3.4	16.0
Eni SpA	Energy	2.9	14.9
BP PLC	Energy	2.8	10.7
Engie SA	Utilities	2.7	-8.6
Carrefour	Consumer Staples	2.5	-22.8
Tesco PLC	Consumer Staples	2.4	20.7
Credit Suisse Group AG	Financials	2.3	-14.3
Telecom Italia SpA Rsp	Telecommunication Services	2.2	-4.2
Orange SA	Telecommunication Services	2.1	-1.0

## Sector Allocation (%)



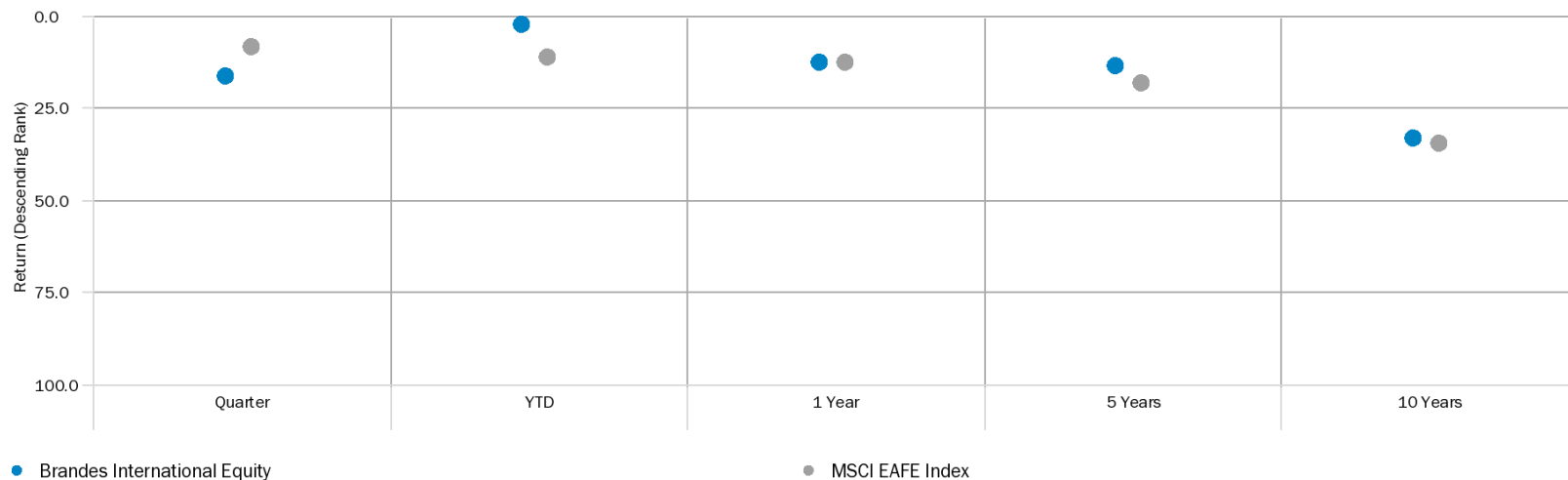
Source: Morningstar Direct



# Brandes International Equity

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Brandes International Equity	-1.8	0.8	6.8	7.0	2.9
Peer group percentile	16	2	12	13	33
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	8	11	12	18	34
25th Percentile	-2.2	-3.8	5.5	6.0	3.1
50th Percentile	-3.4	-4.7	3.6	5.1	2.1
75th Percentile	-4.6	-5.9	1.9	4.3	1.2

Source: Morningstar Direct



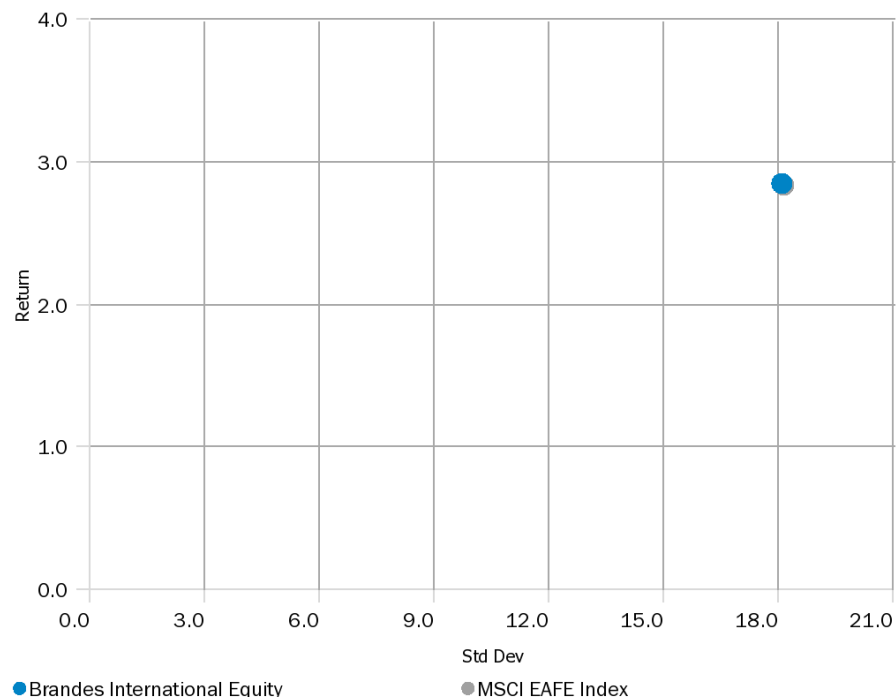
# Brandes International Equity

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Brandes International Equity	-37.2	19.5	5.0	-11.9	11.2	26.5	-5.0	-1.4	8.1	15.1	0.8	4.2	7.0	2.9
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

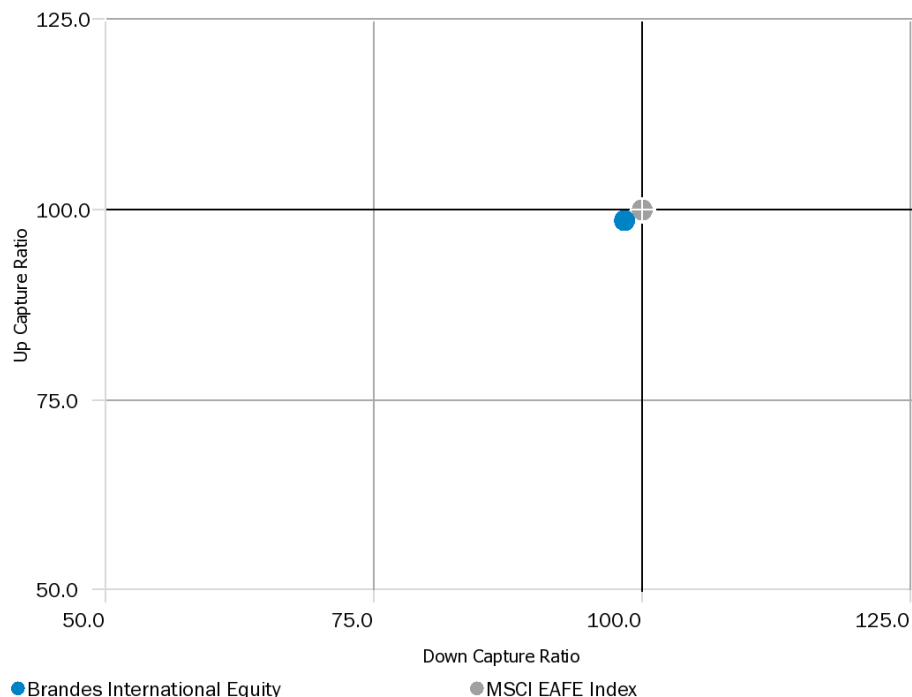
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

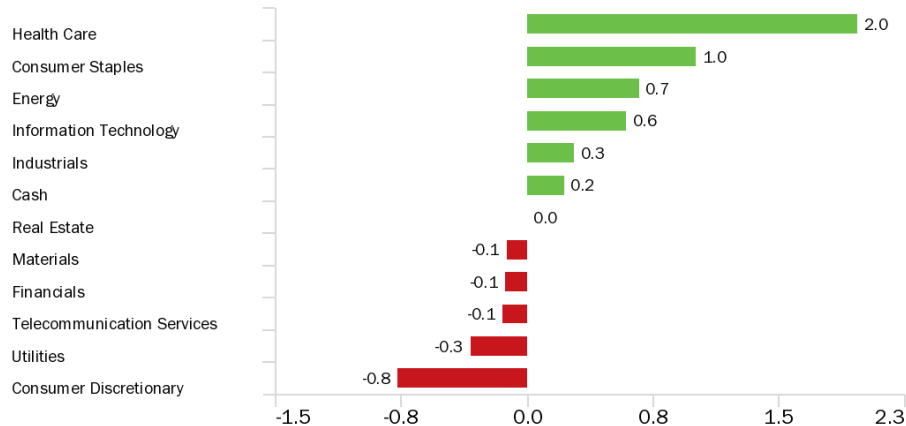


# Brandes International Equity

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Daiichi Sankyo Co Ltd	1.9	48.2	0.8
Taisho Pharmaceutical Holding Co Ltd	1.7	47.4	0.7
Sainsbury (J) PLC	1.7	32.9	0.5
Tesco PLC	2.2	20.7	0.5
Nokia Oyj	1.5	27.8	0.4

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Carrefour	2.5	-22.9	-0.5
Hyundai Mobis Co Ltd	1.8	-22.6	-0.4
Engie SA	2.4	-8.8	-0.3
Petroleo Brasileiro SA Petrobras Participating Preferred	1.7	-7.8	-0.2
First Pacific Co Ltd	0.8	-27.8	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	16.2	-6.7	-1.1	12.5	-1.8	-0.2	0.0	-0.8	-0.8
Consumer Staples	9.5	8.0	0.8	11.0	-2.2	-0.2	0.1	0.9	1.0
Energy	10.2	11.2	1.1	5.5	9.3	0.5	0.6	0.1	0.7
Financials	19.4	-9.6	-1.8	21.1	-7.7	-1.6	0.2	-0.3	-0.1
Health Care	13.1	16.9	2.1	10.1	1.5	0.2	0.1	1.8	2.0
Industrials	6.2	-0.1	0.0	14.5	-3.4	-0.5	0.1	0.2	0.3
Information Technology	3.8	20.7	0.7	6.6	1.0	0.1	-0.1	0.7	0.6
Materials	2.5	-8.9	-0.2	8.2	-3.0	-0.2	0.0	-0.2	-0.1
Real Estate	1.6	-0.3	0.0	3.5	-1.7	-0.1	0.0	0.0	0.0
Telecommunication Services	8.2	-6.8	-0.6	3.8	-8.2	-0.3	-0.3	0.1	-0.1
Utilities	2.7	-8.8	-0.3	3.2	2.3	0.1	0.0	-0.3	-0.3
Cash	6.7	0.9	0.1	0.0		0.0	0.2	0.0	0.2
Attribution Total	100.0	0.8	0.8	100.0	-2.4	-2.4	0.9	2.3	3.2

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

Source: Morningstar Direct



# American Funds Europacific Growth

As of 6/30/2018

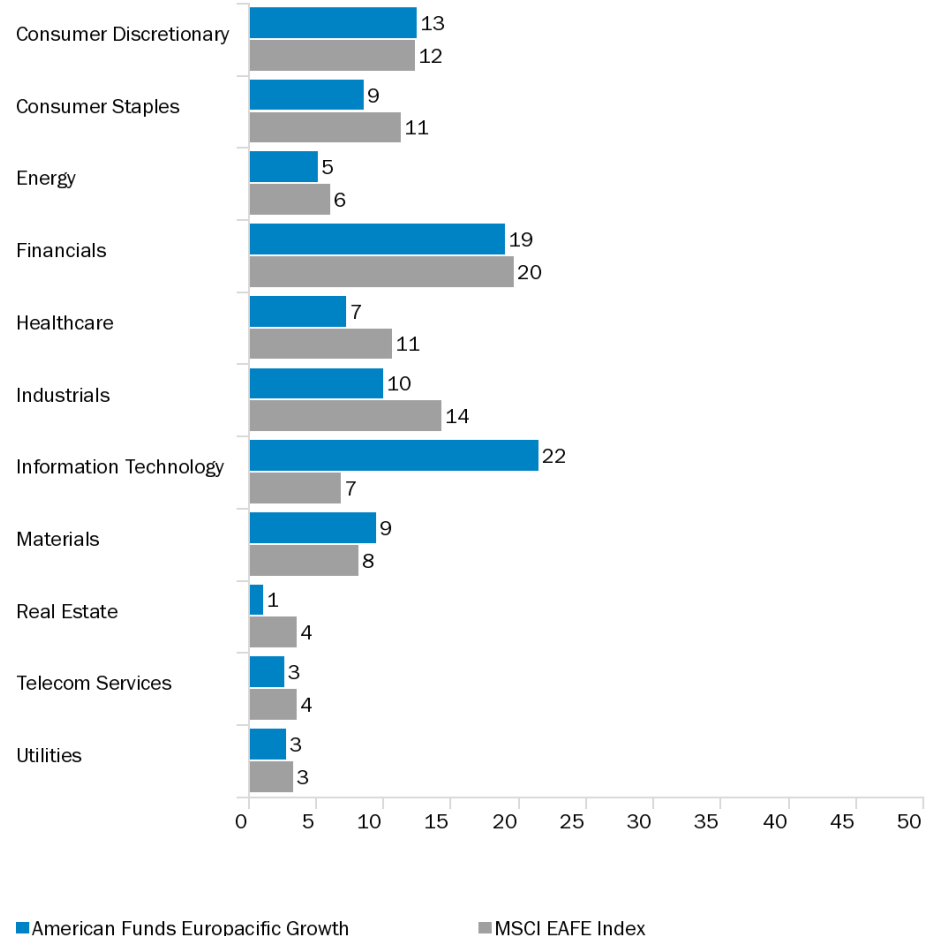
## Regional Allocation (%)

	Manager	Index
North America	6.1	0.9
Latin America Emerging	3.9	0.0
United Kingdom	12.3	17.2
Europe Developed	26.9	45.0
Europe Emerging	0.8	0.0
Africa/Middle East	1.7	0.5
Japan	14.1	24.6
Australia/New Zealand	0.8	6.6
Asia Developed	15.4	4.8
Asia Emerging	18.1	0.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Samsung Electronics Co Ltd	Information Technology	2.6	-11.4
AIA Group Ltd	Financials	2.6	3.7
Airbus SE	Industrials	2.3	19.2
British American Tobacco PLC	Consumer Staples	2.2	-23.6
Alibaba Group Holding Ltd ADR	Information Technology	2.1	7.6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	-4.5
Nintendo Co Ltd	Information Technology	2.0	-9.4
HDFC Bank Ltd	Financials	1.9	5.5
Reliance Industries Ltd	Energy	1.9	-1.0
ASML Holding NV	Information Technology	1.6	14.6

## Sector Allocation (%)



Source: Morningstar Direct



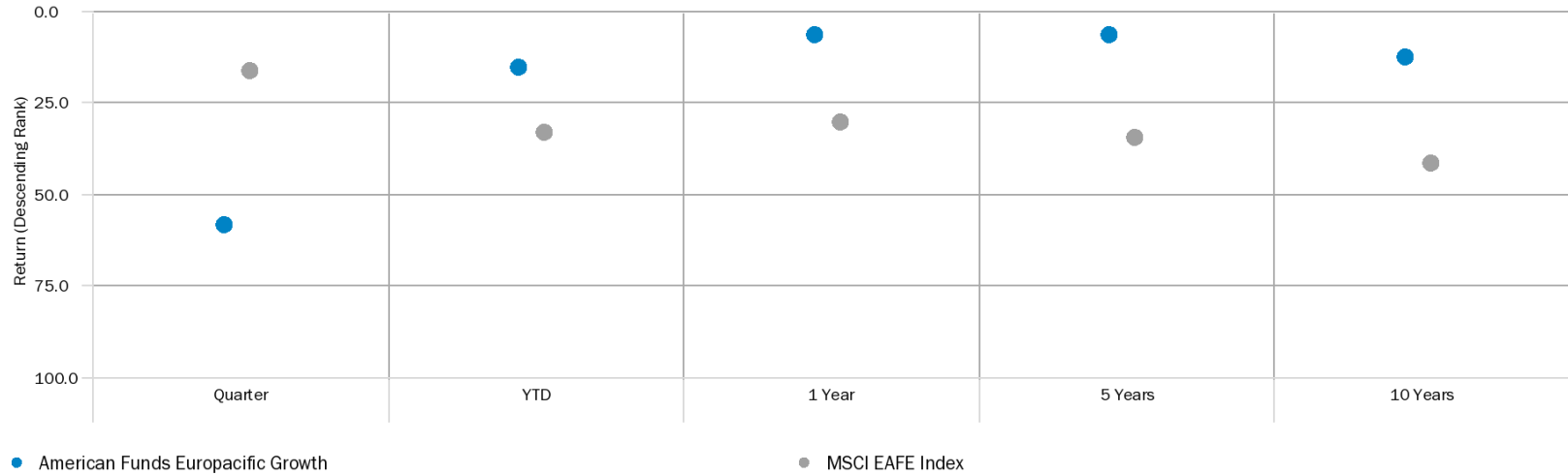
This presentation is accompanied by additional disclosures which can be found on the last pages.  
All information herein is confidential and proprietary.



# American Funds Europacific Growth

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
American Funds Europacific Growth	-2.9	-2.0	9.0	8.0	4.5
Peer group percentile	58	15	6	6	12
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	16	33	30	34	41
25th Percentile	-1.6	-2.5	7.1	6.7	3.5
50th Percentile	-2.6	-3.3	6.1	5.9	2.6
75th Percentile	-3.6	-4.3	4.6	5.1	1.7

Source: Morningstar Direct



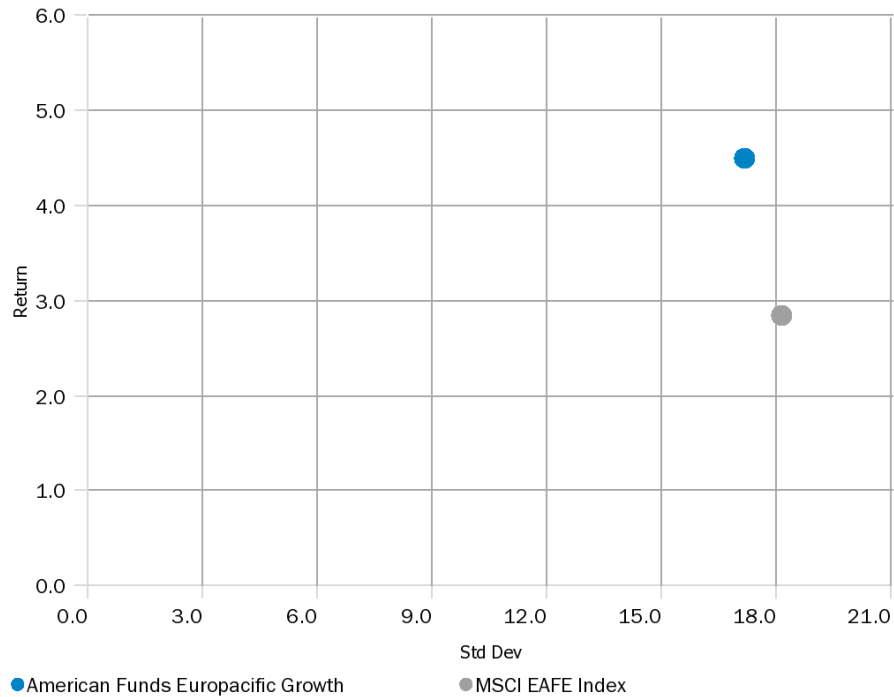
# American Funds Europacific Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	-40.5	39.1	9.4	-13.6	19.2	20.2	-2.6	-0.8	0.7	30.7	-2.0	6.1	8.0	4.5
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

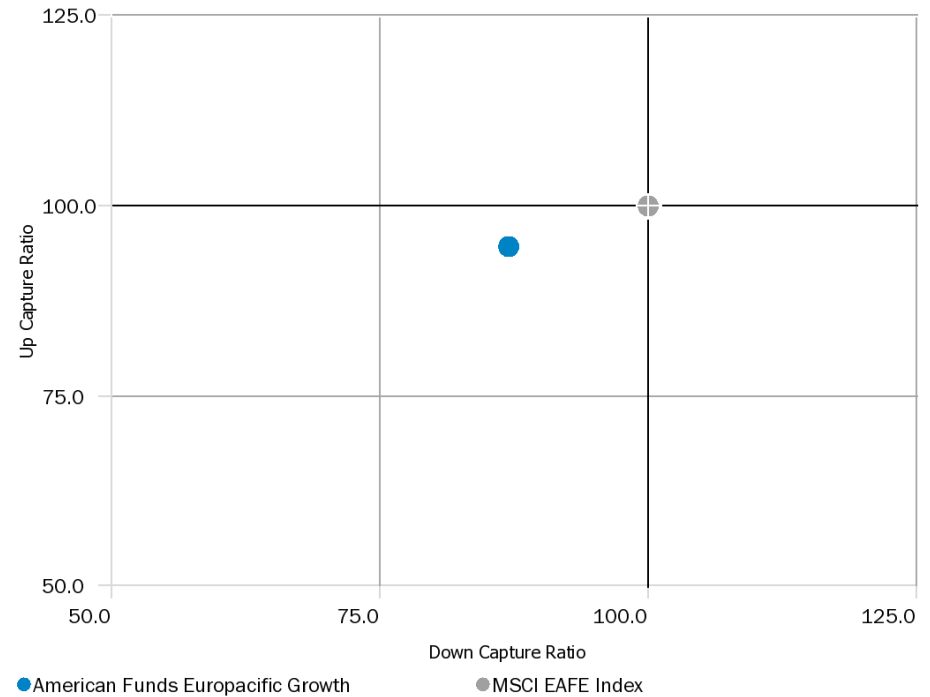
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

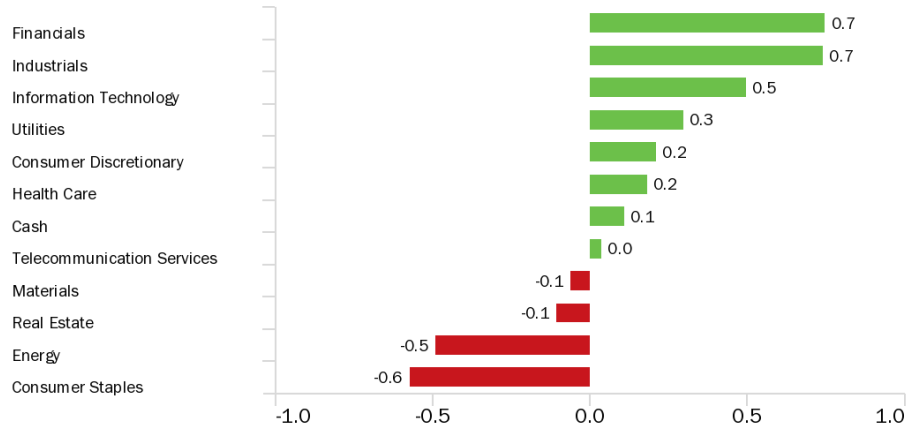


# American Funds Europacific Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Airbus SE	1.8	19.4	0.4
Kotak Mahindra Bank Ltd	1.1	23.8	0.3
HDFC Bank Ltd	2.0	5.5	0.3
AIA Group Ltd	1.9	3.6	0.2
Teva Pharmaceutical Industries Ltd ADR	0.3	28.3	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Samsung Electronics Co Ltd	2.9	-11.4	-0.4
British American Tobacco PLC	1.3	-23.6	-0.4
Reliance Industries Ltd	2.0	-1.0	-0.2
Kroton Educacional SA	0.3	-55.6	-0.2
AAC Technologies Holdings Inc	0.5	-20.0	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.4	-0.2	0.0	12.5	-1.8	-0.2	0.0	0.2	0.2
Consumer Staples	8.5	-8.7	-0.8	11.0	-2.2	-0.2	0.0	-0.5	-0.6
Energy	5.4	0.6	0.0	5.5	9.3	0.5	-0.1	-0.4	-0.5
Financials	18.6	-4.5	-0.8	21.1	-7.7	-1.6	0.1	0.6	0.7
Health Care	6.7	5.6	0.4	10.1	1.5	0.2	-0.1	0.3	0.2
Industrials	9.2	4.6	0.4	14.5	-3.3	-0.5	0.0	0.7	0.7
Information Technology	21.2	0.8	0.2	6.6	1.0	0.1	0.5	0.0	0.5
Materials	8.1	-4.0	-0.3	8.2	-3.0	-0.2	0.1	-0.1	-0.1
Real Estate	1.1	-9.8	-0.1	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	2.8	-9.0	-0.3	3.8	-8.2	-0.3	0.1	0.0	0.0
Utilities	2.7	14.6	0.4	3.2	2.3	0.1	0.0	0.3	0.3
Cash	3.3	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-0.8	-0.8	100.0	-2.4	-2.4	0.7	0.9	1.6

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

Source: Morningstar Direct



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# Templeton Ins Foreign Smaller Co Series

As of 6/30/2018

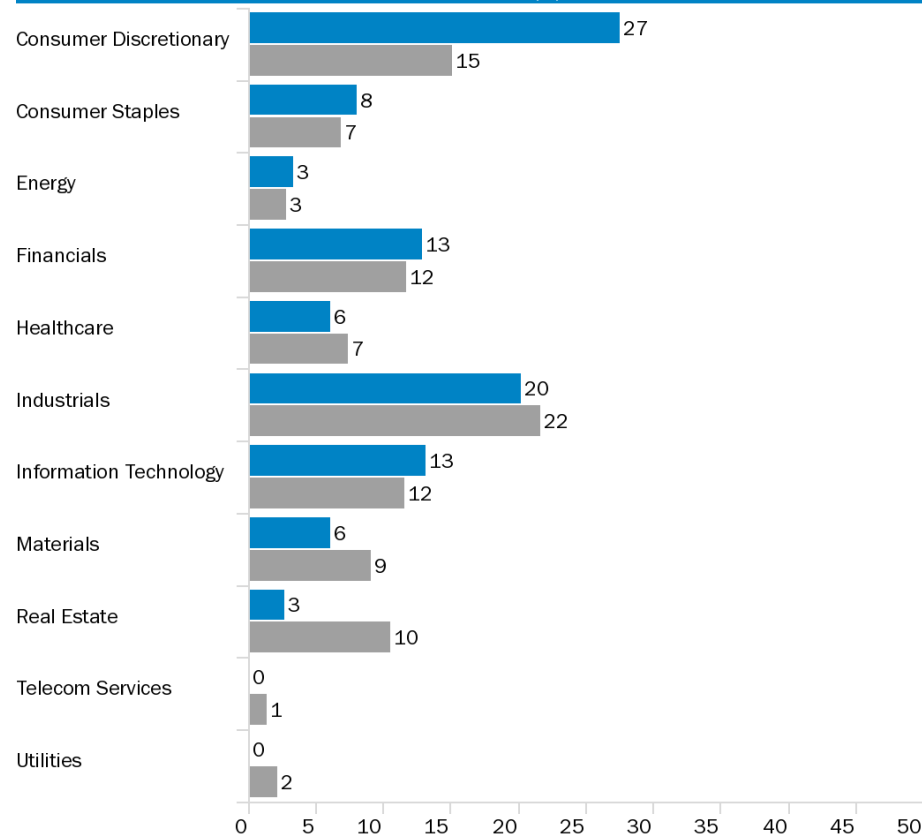
## Regional Allocation (%)

	Manager	Index
North America	9.0	0.8
Latin America Emerging	3.9	0.0
United Kingdom	5.7	18.1
Europe Developed	35.0	36.4
Europe Emerging	1.4	0.0
Africa/Middle East	0.0	1.8
Japan	22.7	31.6
Australia/New Zealand	0.1	7.6
Asia Developed	12.8	3.1
Asia Emerging	9.5	0.7

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Thule Group AB	Consumer Discretionary	2.0	11.8
Amer Sports Oyj	Consumer Discretionary	2.0	13.8
Tsumura & Co	Health Care	2.0	-1.9
Dewan Housing Finance Corp Ltd	Financials	1.9	2.5
Kobayashi Pharmaceutical Co Ltd	Consumer Staples	1.9	33.4
Technogym SpA	Consumer Discretionary	1.9	23.3
Huhtamäki Oyj	Materials	1.7	-9.7
Jenoptik AG	Information Technology	1.7	19.6
Interpump Group SpA	Industrials	1.6	-0.4
Anicom Holdings Inc	Financials	1.6	16.8

## Sector Allocation (%)



■ Templeton Ins Foreign Smaller Co Series

■ MSCI EAFE Small Cap Index

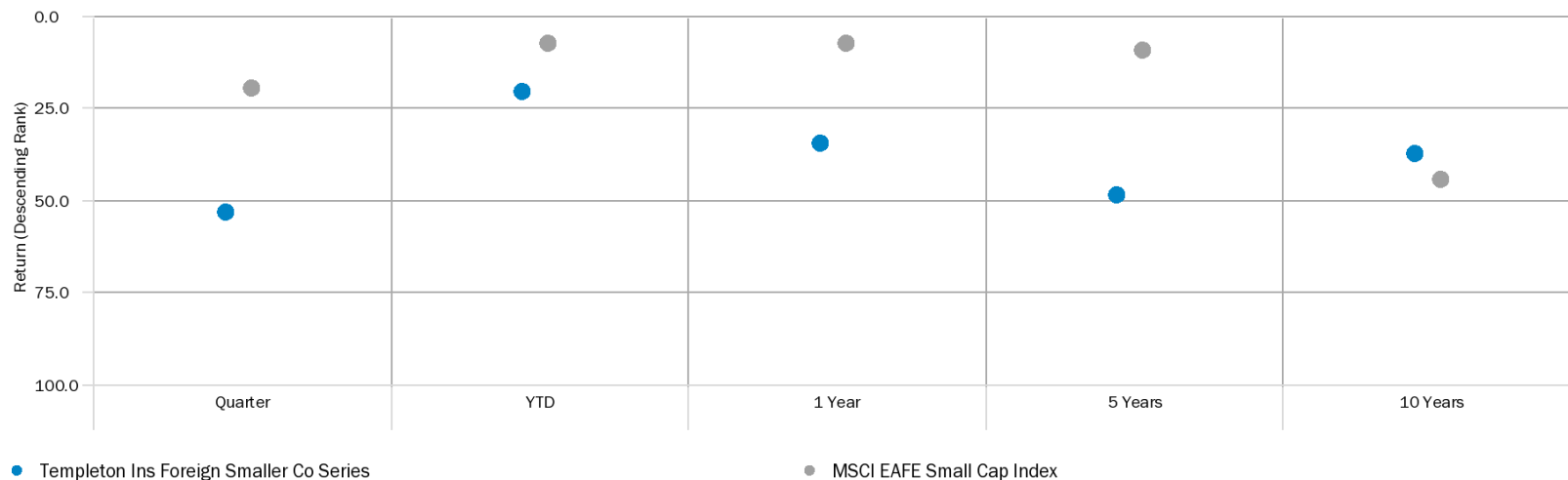
Source: Morningstar Direct



# Templeton Ins Foreign Smaller Co Series

As of 6/30/2018

Peer Group: Open End Funds - U.S. - Foreign Small/Mid Value



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Templeton Ins Foreign Smaller Co Series	-3.5	-2.0	9.4	8.1	7.4
Peer group percentile	53	20	34	48	37
MSCI EAFE Small Cap Index	-1.6	-1.3	12.4	11.3	6.8
Peer group percentile	19	7	7	9	44
25th Percentile	-2.0	-2.3	11.1	9.9	8.0
50th Percentile	-3.2	-4.2	6.9	7.8	5.6
75th Percentile	-5.2	-6.5	5.9	6.5	3.3

Source: Morningstar Direct



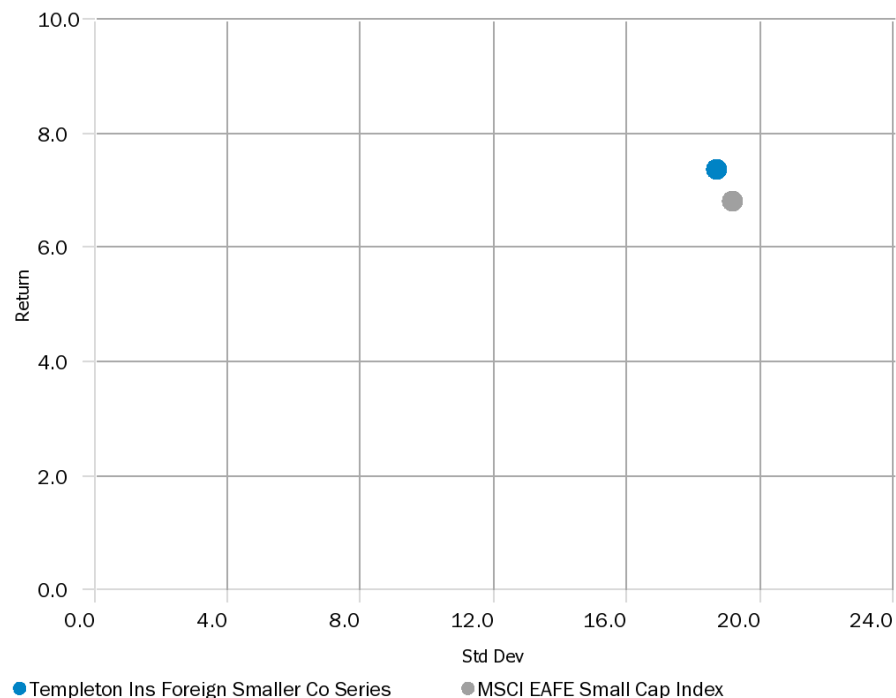
# Templeton Ins Foreign Smaller Co Series

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Templeton Ins Foreign Smaller Co Series	-47.3	68.0	21.4	-11.3	21.6	22.2	-3.3	1.9	-0.9	34.2	-2.0	7.1	8.1	7.4
MSCI EAFE Small Cap Index	-47.0	46.8	22.0	-15.9	20.0	29.3	-4.9	9.6	2.2	33.0	-1.3	10.1	11.3	6.8

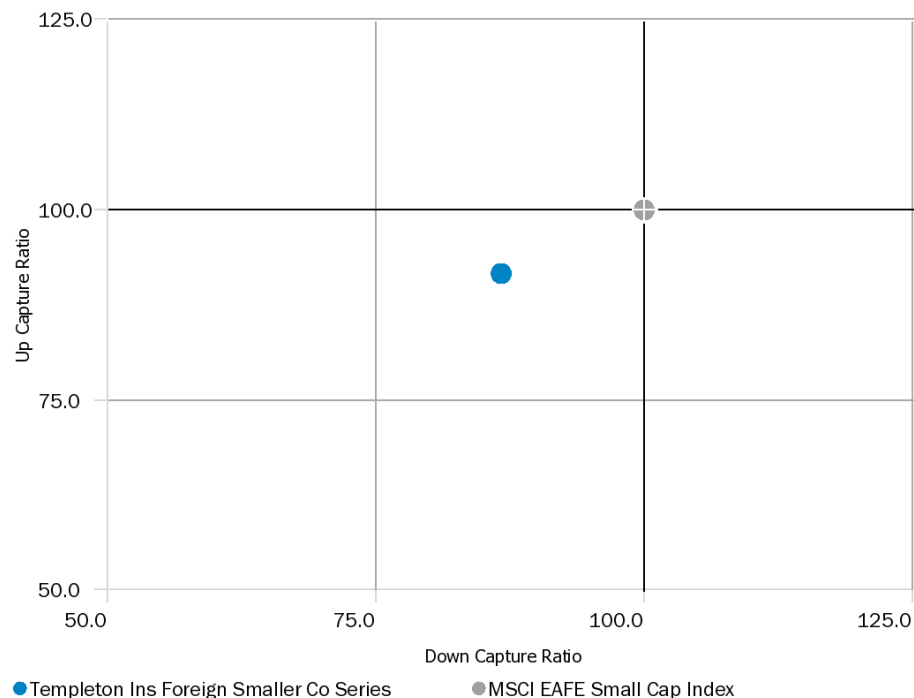
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct



# Templeton Ins Foreign Smaller Co Series

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Xtep International Holdings Ltd	1.0	80.7	0.7
Technogym SpA	1.9	23.3	0.5
Capcom Co Ltd	1.0	57.5	0.5
Kobayashi Pharmaceutical Co Ltd	1.5	33.4	0.4
Laird PLC	0.3	48.7	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Greggs PLC	1.3	-29.3	-0.4
Camil Alimentos SA	1.1	-27.3	-0.4
M Dias Branco SA Industria e Comercio de Alimentos	0.9	-38.1	-0.4
Ontex Group NV	0.9	-31.9	-0.3
CCC SA	1.0	-32.6	-0.3

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	25.6	-5.0	-1.3	15.8	-4.0	-0.6	-0.3	-0.3	-0.5
Consumer Staples	6.9	-4.1	-0.3	6.9	2.1	0.1	0.0	-0.5	-0.5
Energy	2.8	9.4	0.3	2.5	10.7	0.3	0.0	0.0	0.0
Financials	13.0	-2.0	-0.2	11.5	-4.0	-0.5	0.0	0.2	0.2
Health Care	5.8	2.9	0.2	7.2	8.9	0.6	-0.1	-0.3	-0.4
Industrials	20.6	-1.7	-0.3	21.4	-4.6	-1.0	0.0	0.7	0.7
Information Technology	12.3	10.3	1.2	11.6	2.0	0.2	0.0	1.0	1.0
Materials	5.6	-12.7	-0.8	9.5	-3.2	-0.3	0.1	-0.6	-0.5
Real Estate	2.6	-1.8	0.0	10.2	0.1	0.0	-0.1	0.0	-0.1
Telecommunication Services	0.0		0.0	1.3	-5.7	-0.1	0.1	0.0	0.1
Utilities	0.0		0.0	2.1	1.6	0.0	-0.1	0.0	-0.1
Cash	4.4	0.9	0.0	0.0	0.1	0.0	0.1	0.0	0.1
Attribution Total	100.0	-1.2	-1.2	100.0	-1.2	-1.2	-0.2	0.2	0.0

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

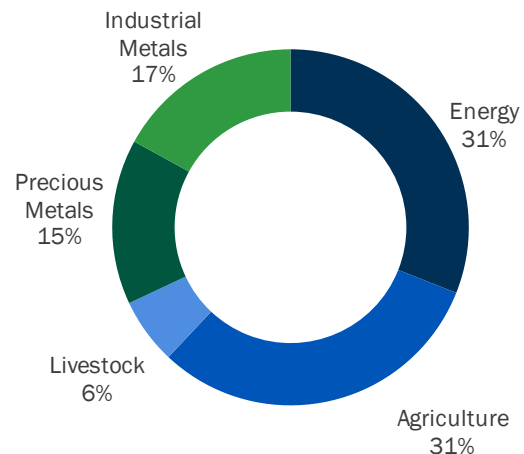
Source: Morningstar Direct



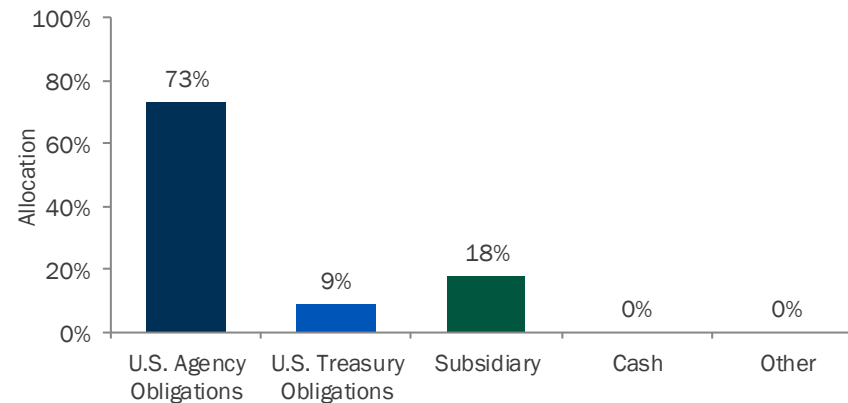
# Real Assets Overview: Credit Suisse Commodity Real Return

As of 3/31/2018

## Commodities Allocation



## Collateral Allocation



Note: All data provided by the investment manager.

Note: All data provided by the investment manager.  
Data shown as of March 31, 2018. Data as of June 30, 2018 is not yet available.



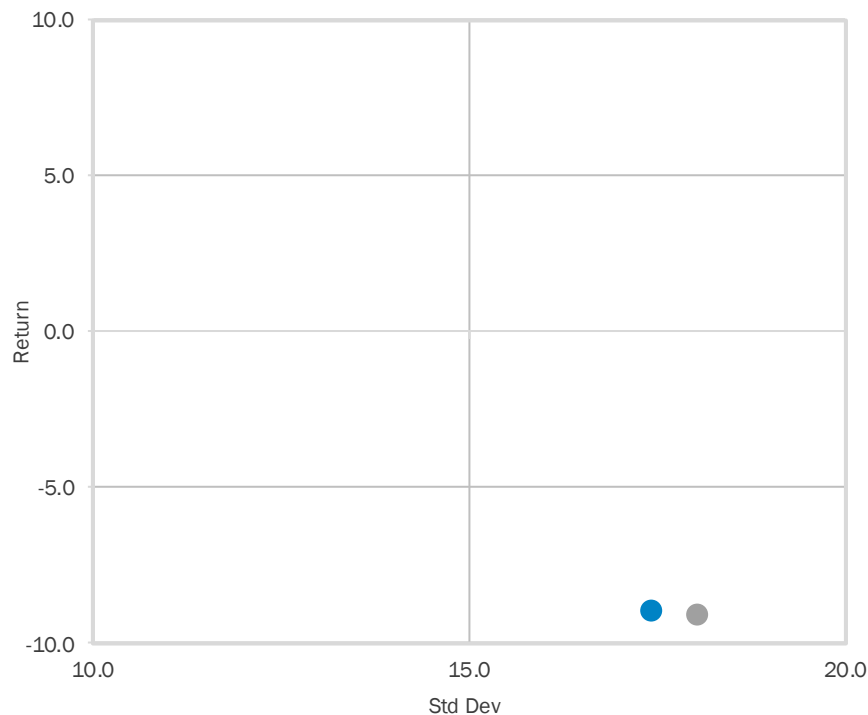
# Credit Suisse Commodity Return

As of 6/30/2018

	Returns (%)												
	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Credit Suisse Commodity Return	20.1	16.9	-12.3	-1.8	-10.0	-16.9	-25.0	12.4	1.7	-0.4	-4.4	-6.4	-9.0
Bloomberg Commodities Index	18.9	16.8	-13.3	-1.1	-9.5	-17.0	-24.7	11.8	1.7	0.0	-4.5	-6.4	-9.0

## 10 Year Risk vs. Return

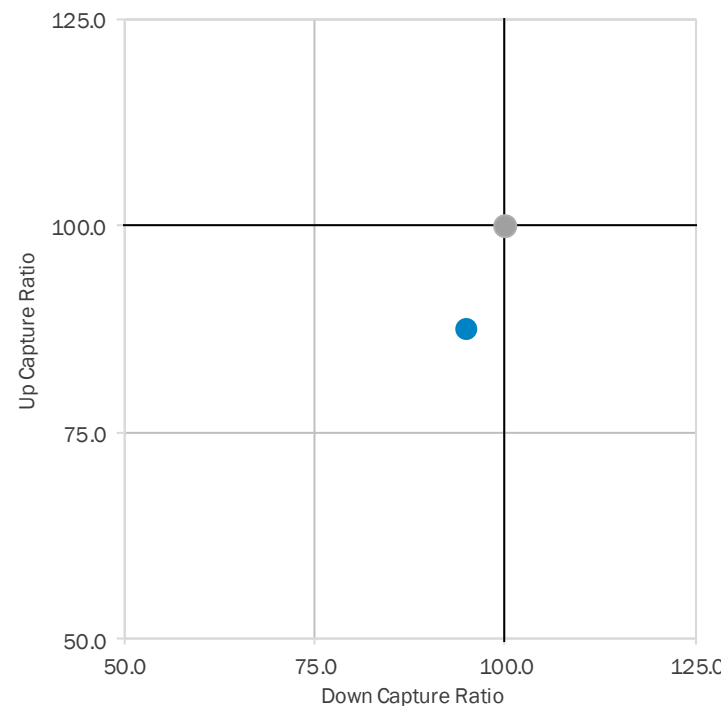
Time Period: 7/1/2008 to 6/30/2018



• Credit Suisse Commodity Return • Bloomberg Commodities Index

## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



• Credit Suisse Commodity Return



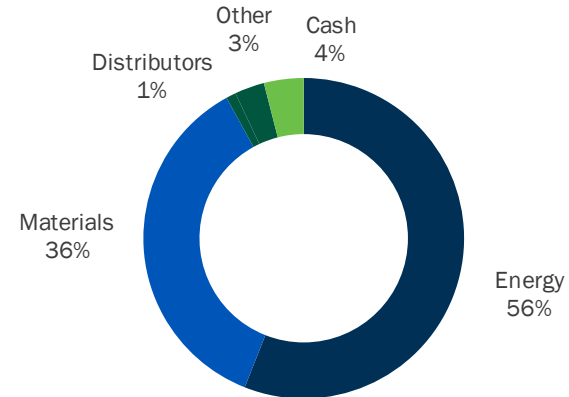
# Real Assets Overview: Jennison Natural Resources

As of 3/31/2018

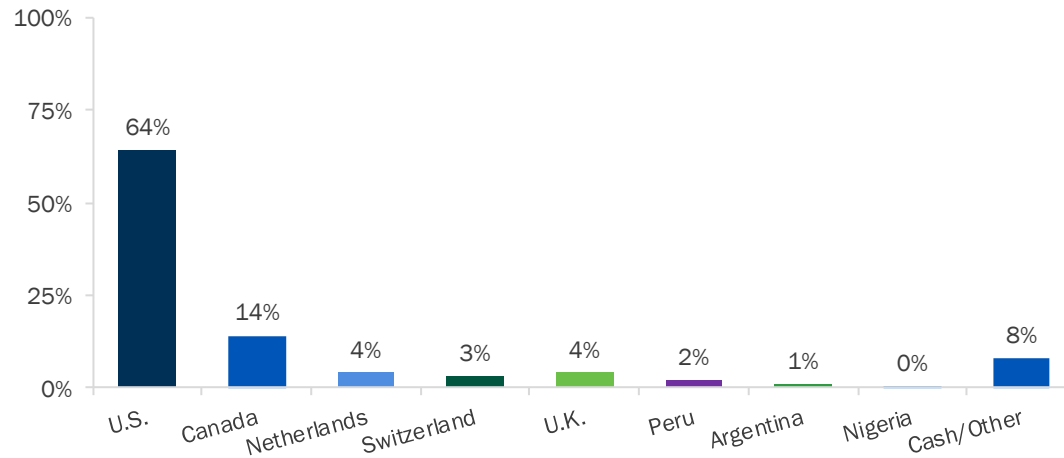
## Top Ten Holdings

<u>Name</u>	<u>Sector</u>	<u>% of Portfolio</u>	<u>YTD Return</u>
Halliburton Co	Energy	4.3%	-3.6%
Concho Resources Inc	Energy	3.9%	0.1%
Anadarko Petroleum Corp	Energy	3.7%	13.1%
EOG Resources Inc	Energy	3.5%	-2.3%
Suncor Energy Inc	Energy	2.8%	-5.6%
Schlumberger Ltd	Energy	2.8%	-3.1%
Continental Resources Inc	Energy	2.7%	11.3%
Noble Energy Inc	Energy	2.7%	4.3%
WPX Energy Inc Class A	Energy	2.6%	5.0%
Glencore PLC	Materials	2.3%	-5.9%

## Jennison Natural Resources Sector Allocation



## Geographic Allocation



Note: All data provided by the investment manager.  
Data shown as of March 31, 2018. Data as of June 30, 2018 is not yet available.



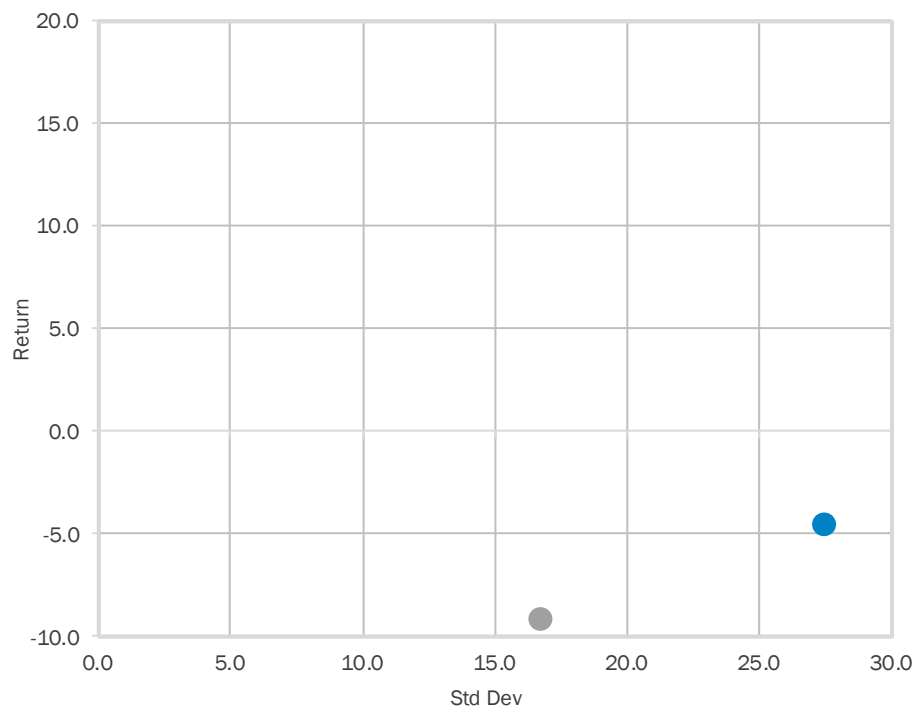
# Jennison Natural Resources

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Jennison Natural Resources	-52.7	73.7	28.1	-18.5	-2.4	10.1	-19.7	-29.2	34.6	5.3	1.7	2.1	-1.4	-4.5
Bloomberg Commodities Index	-35.6	18.9	16.8	-13.3	-1.1	-9.5	-17.0	-24.7	11.8	1.7	0.0	-4.5	-6.4	-9.0

## 10 Year Risk vs. Return

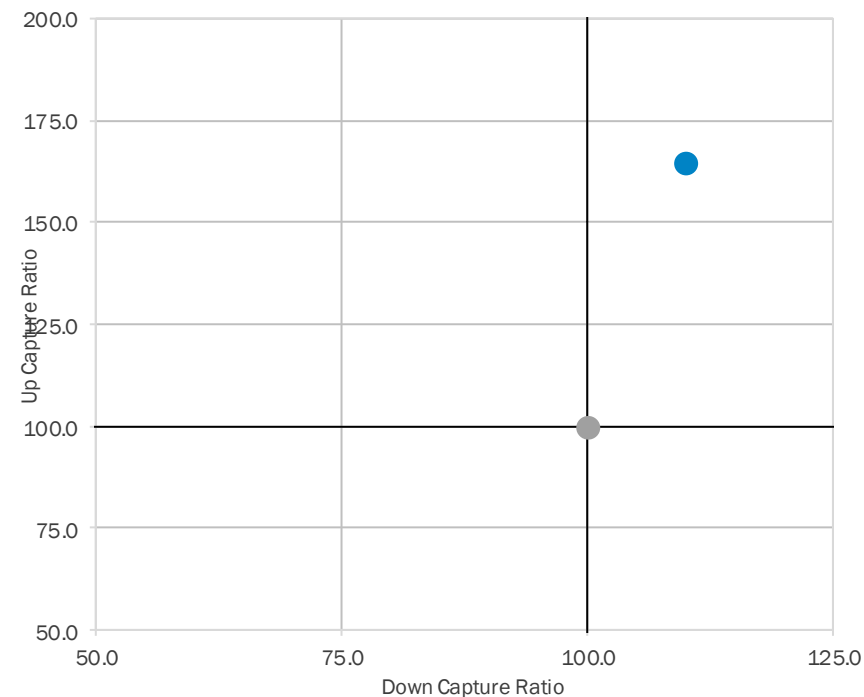
Time Period: 7/1/2008 to 6/30/2018



● Jennison Natural Resources ● Bloomberg Commodities Index

## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



● Jennison Natural Resources ● Bloomberg Commodities Index



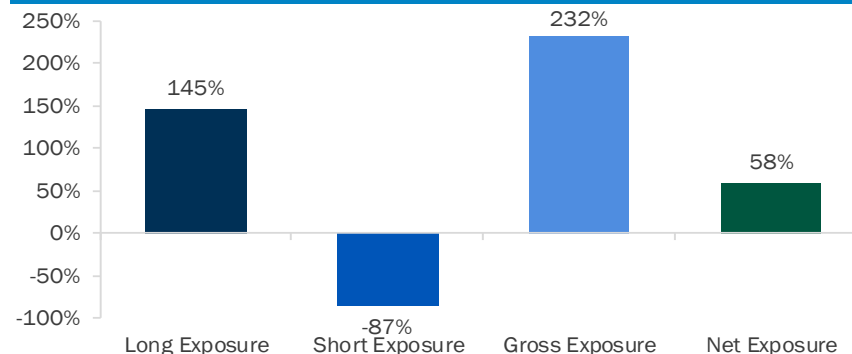
# Hedge Fund of Funds Overview: Wellington Archipelago

As of 3/31/2018

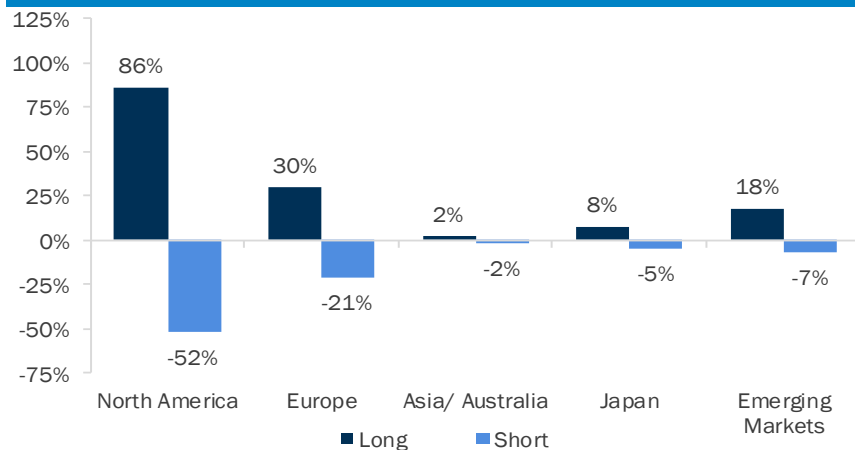
## Organizational Overview

Strategy Type	Equity Long/Short Hedge Fund-of-Funds
Location of Headquarters	Boston, MA
Year Founded	1928
Firm Assets Under Management (\$, B)	\$40.3
Fund Assets Under Management (\$, B)	\$2.2

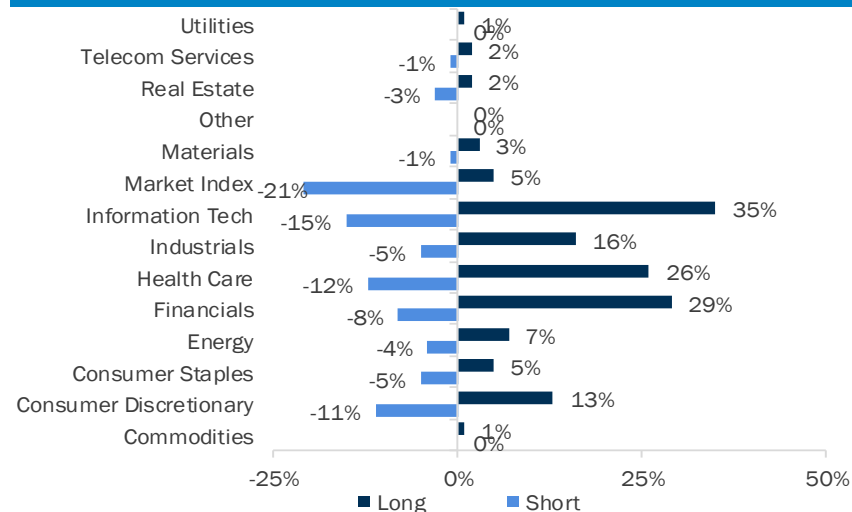
## Fund Exposure



## Geographic Exposure



## Sector Exposure



Note: All data provided by the investment manager.

Data shown as of March 31, 2018. Data as of June 30, 2018 is not yet available.



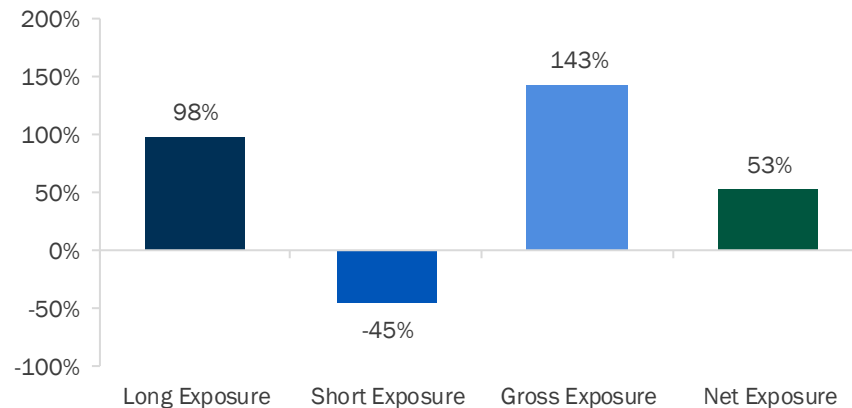
# Hedge Fund of Funds Overview: Forester Partners

As of 3/31/2018

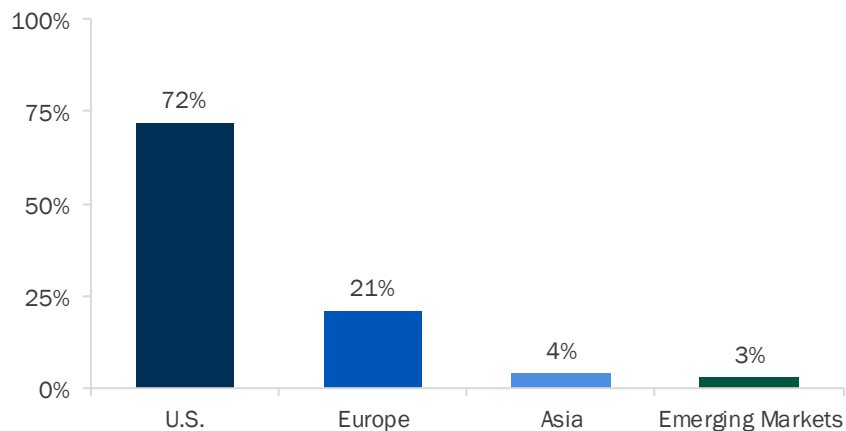
## Organizational Overview

Strategy Type	Equity Long/Short Hedge Fund-of-Funds
Location of Headquarters	Greenwich, CT
Year Founded	2000
Firm Assets Under Management (\$, B)	\$2.4
Fund Assets Under Management (\$, B)	\$0.8

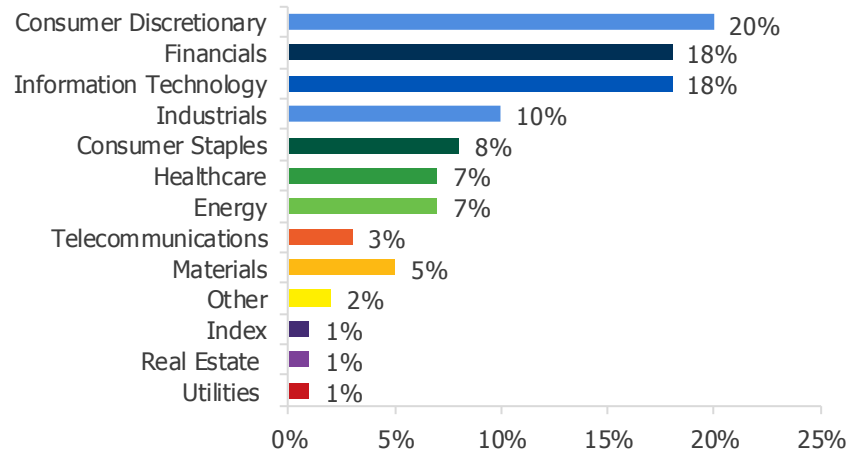
## Fund Exposure



## Geographic Exposure



## Strategy Exposure



Source: Data Provided by Investment Manager  
Data shown as of March 31, 2018. Data as of June 30, 2018 is not yet available.



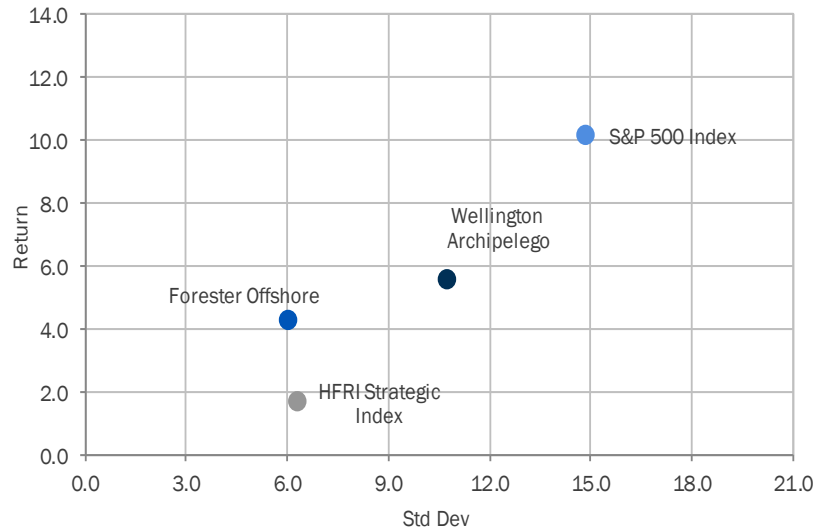
# Hedge Fund Managers

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Wellington Archipelego	-28.6	39.0	11.2	-5.9	9.8	19.6	3.3	5.3	-3.0	13.0	5.2	4.5	6.7	5.5
Forester Offshore	-13.0	14.6	5.6	-2.4	9.5	15.5	5.7	0.3	-1.5	9.7	2.2	2.7	4.8	4.3
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2
HFRI Strategic Index	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	11.2	1.7	2.7	4.3	1.7

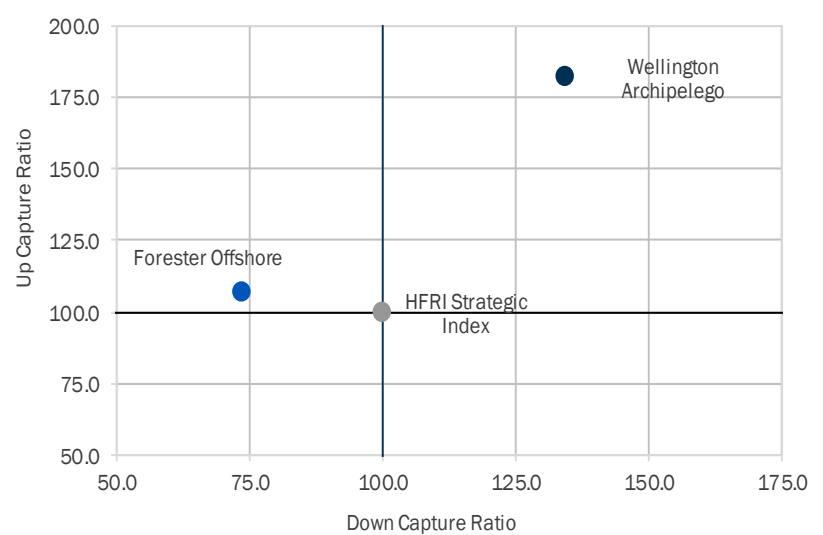
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





# Fixed Income Overview: MetWest Low Duration

As of 3/31/2018

Portfolio Characteristics	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Duration	2.1 yrs	1.9 yrs
Average Maturity	2.2 yrs	1.9 yrs
Average Quality	--	AAA
Yield to Maturity	2.2%	2.3%

Maturity Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
0-1 Years	20%	0%
1-3 Years	62%	100%
3-5 Years	9%	0%
5-10 Years	9%	0%
10-20 Years	0%	0%
20+ Years	0%	0%

Sector Allocation	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Cash	0%	0%
U.S. Treasury	27%	100%
Direct Agency	0%	0%
Agency Mortgages	6%	0%
Non-Agency Mortgages	11%	0%
CMBS	12%	0%
Asset-Backed	6%	0%
Investment Grade Corp.	38%	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	51%	100%
AA	7%	0%
A	20%	0%
BBB	18%	0%
Below Investment Grade	4%	0%
Other	0%	0%

Note: All data provided by the investment manager.

Data shown as of March 31, 2018. Data as of June 30, 2018 is not yet available.



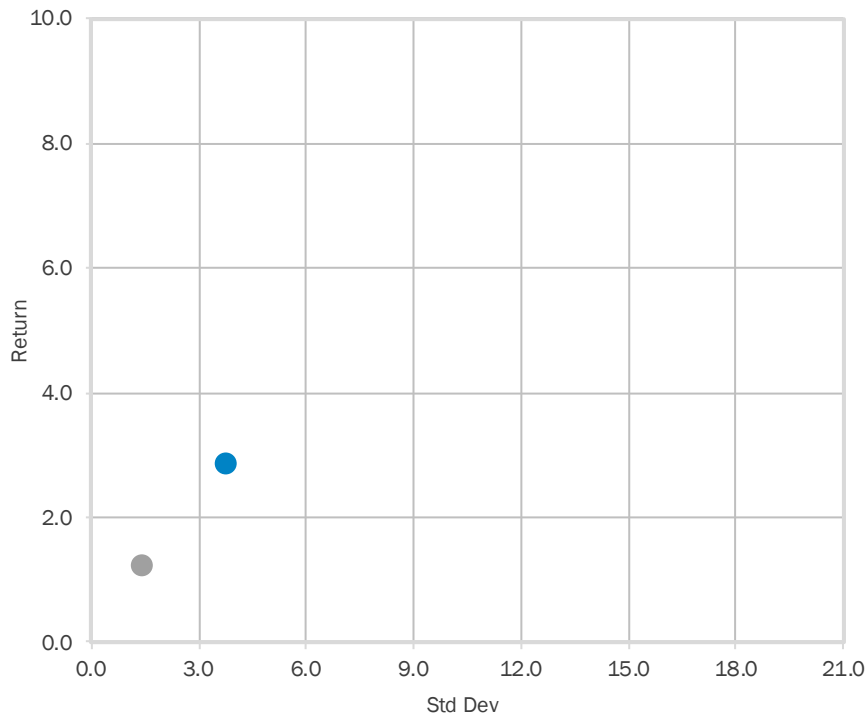
# MetWest Low Duration

As of 6/30/2018

	Returns (%)												
	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Low Duration	15.3	10.6	1.2	7.9	2.0	1.6	0.4	1.5	1.3	0.1	0.9	1.2	2.9
ML 1-3 Year Treasury Index	0.8	2.3	1.6	0.4	0.4	0.6	0.5	0.9	0.4	0.1	0.4	0.6	1.2

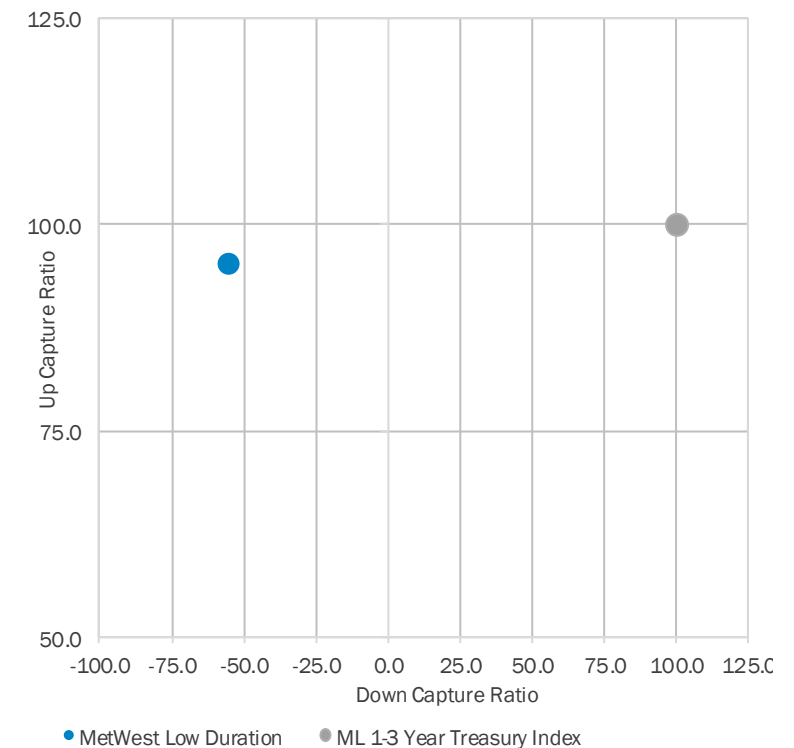
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





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# Investment Program Fee Review

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# Bi-State Development Agency Pension Plan Fee Summary

As of June 30, 2018

Investment Manager	Style	Fund Expense Ratio	Annual Fee in Dollar Terms	Morningstar Average Expense Ratio
Dodge & Cox Stock	Large Cap Value	0.52%	\$36,013	1.12%
Vanguard 500 Index	Large Cap Core	0.04%	\$2,685	1.07%
T. Rowe Price Blue Chip Growth	Large Cap Growth	0.58%	\$41,412	1.18%
Vaughan Nelson Value Opportunity	Small-Mid Cap Value	1.23%	\$34,448	1.38%
William Blair SMID Growth	Small-Mid Cap Growth	1.10%	\$44,765	1.29%
Brandes International Equity	Non-US Large Value	0.97%	\$41,143	1.25%
EuroPacific Growth	Non-US Large Blend	0.85%	\$46,864	1.18%
Templeton Foreign Smaller Companies	Non-US Small \ Mid	0.98%	\$18,138	1.53%
Credit Suisse Commodity Return Strategy	Commodity	0.78%	\$5,645	1.38%
Jennison Natural Resources	Natural Resources	0.88%	\$6,996	1.45%
Forester Offshore	Hedge Fund	1.00%	\$30,942	1.86%
Wellington Archipelago	Hedge Fund	1.00%	\$34,568	1.86%
MetWest Low Duration	Fixed Income	0.40%	\$81,418	0.84%
BNY Cash	Money Market	0.18%	\$8,845	–
Total Investment Management Fees <sup>(1)</sup>		0.62%	\$433,882	
Ellwood Associates Consulting Fee <sup>(2)</sup>		0.09%	\$64,001	
<b>Total Fees</b>		<b>0.71%</b>	<b>\$497,883</b>	

<sup>(1)</sup> Investment management fee in dollar terms based on June 30, 2018 market values.

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



# Endnotes

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# Endnotes

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# Q2

## Second Quarter 2018 Performance Report

Bi-State Development Agency

IBEW Pension Trust

Local 2 and Local 309





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



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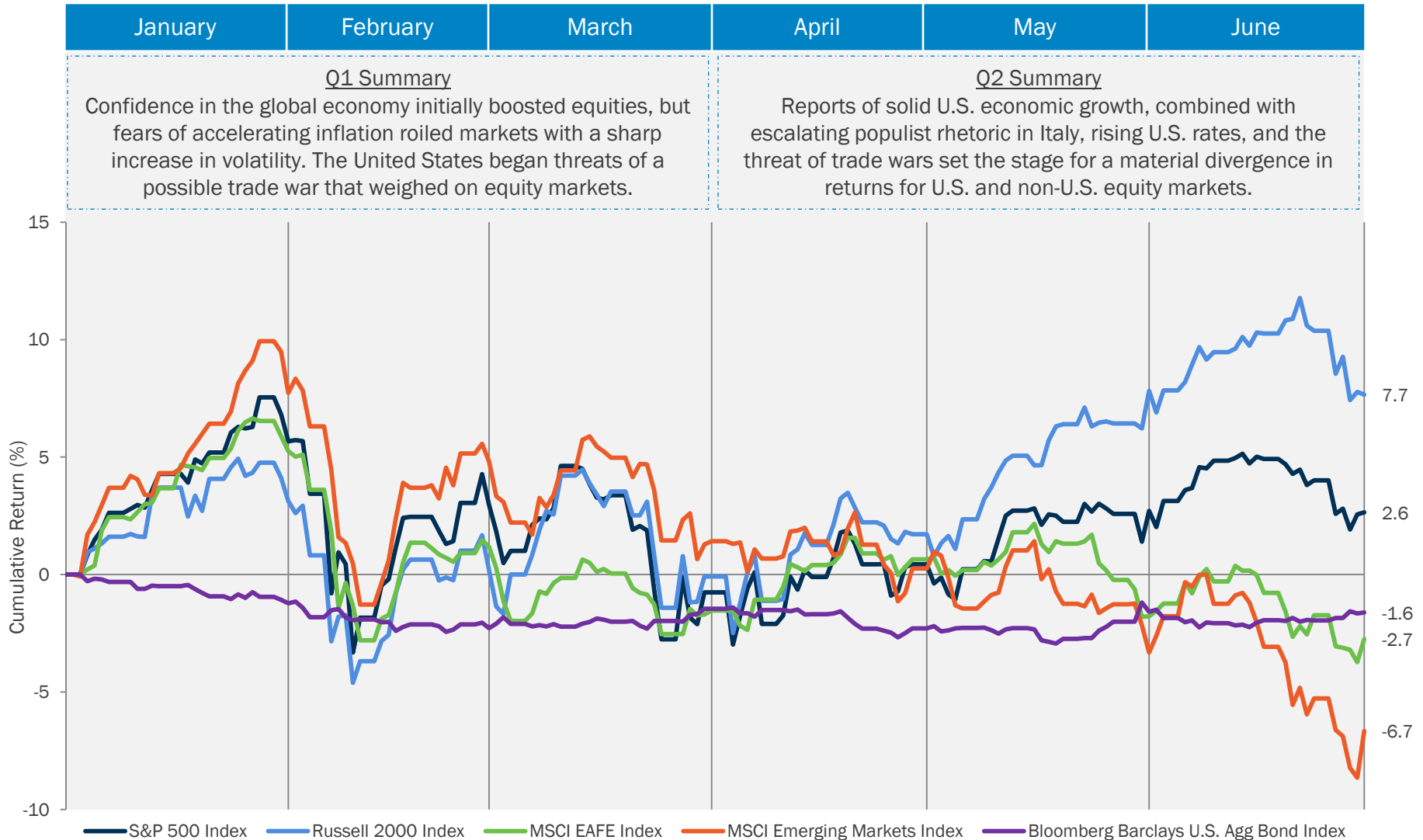
# 2<sup>nd</sup> Quarter 2018

## Capital Markets Exhibits

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# Year-To-Date Market Timeline



Source: Morningstar Direct, S&P, MSCI, Bloomberg Finance, LP

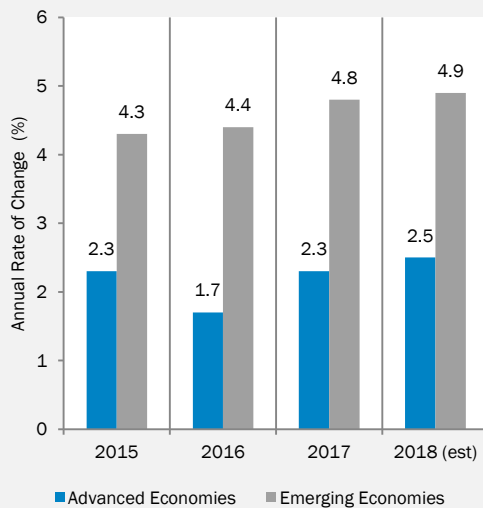


# Economic Fundamentals Remain Mostly Positive

## Real GDP Growth

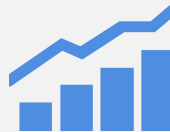


- Although not uniformly robust like 2017, global GDP growth remains on steady footing with the IMF estimating global GDP to expand 3.9% in aggregate during 2018.
- PMI data softened across the Eurozone, Japan, and emerging markets while data improved in the U.S.

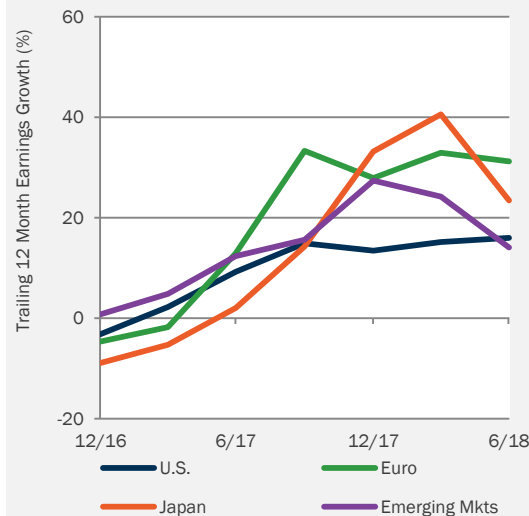


Sources: IMF World Economic Outlook, Markit

## Earnings Growth



- Earnings growth among U.S. companies steadily increased over the past year and is further supported by tax reform.
- Earnings growth among developed non-U.S. and emerging market companies have slowed from 2017's robust levels, but expectations remain positive.

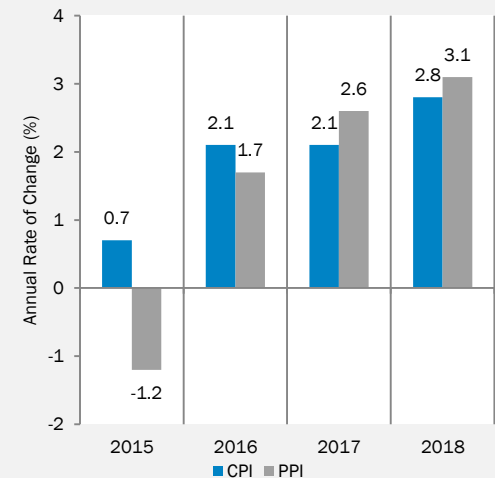


Source: MSCI

## Interest Rates and Inflation



- With the U.S. near full employment and economic growth remaining robust, inflation expectations increased.
- CPI grew near 3% over the past year and large increases in oil prices led to higher energy prices.
- The resulting increase in interest rates puts pressure on asset prices.

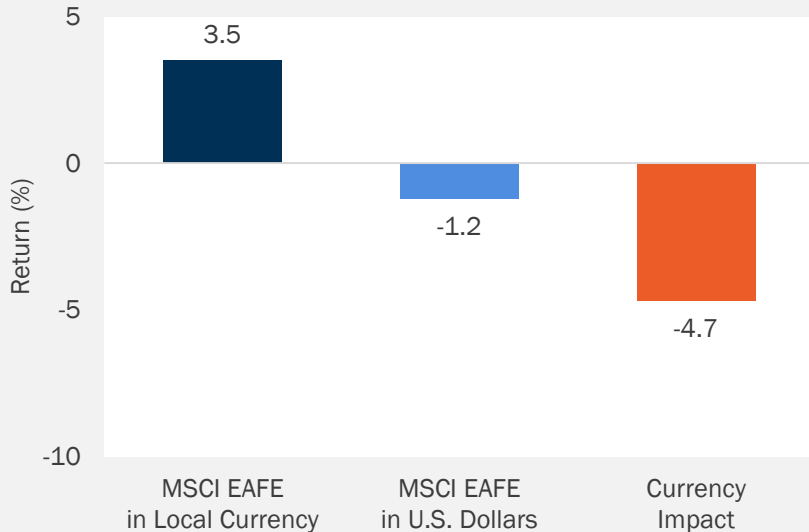


Sources: U.S. BLS; 2018 is the 12-months ending 5/31/18

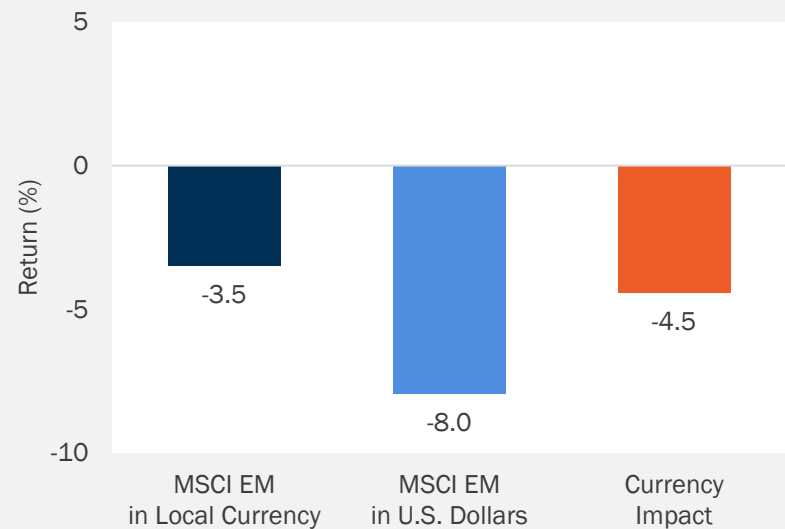


# Breadth of Global Currency Depreciation

MSCI EAFE Returns – Second Quarter



MSCI Emerging Markets Returns – Second Quarter



- Of the thirteen currencies represented in the MSCI EAFE index, twelve depreciated against the U.S. Dollar.

- Twenty-three of the twenty-four currencies in the MSCI Emerging Markets index fell against the U.S. Dollar.

- With indications of improving economic growth outlook driving an upward acceleration in U.S. inflation, expectations for a more aggressive increase of rates by the Federal Reserve broadly drove global currencies lower against the U.S. Dollar.
- Indications from the European Central Bank that it may delay interest rates increases until mid-2019, combined with political rhetoric surrounding Italian populism and Brexit, weighed on European currencies.
- Escalating trade tensions also put downward pressure on emerging market currencies, with political issues having an additional negative impact on currencies in Brazil, Russia, Turkey and South Africa.

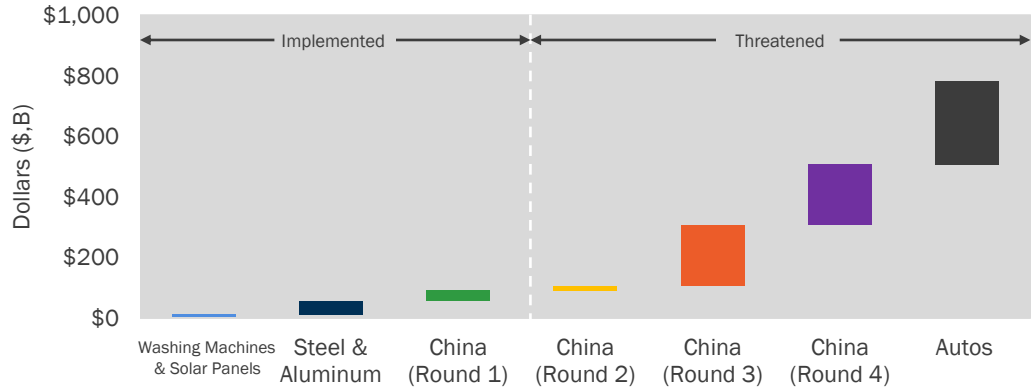


# Escalation of Trade Tensions

## Observations:

- The administration implemented tariffs on \$90 billion of exports to the U.S., including washing machines and solar panels, steel and aluminum and \$34 billion of Chinese goods.
- The impact on the global supply chain could be material if trade tensions escalate.
- Tariffs on autos could also significantly impact U.S. businesses, as auto/parts exports from Mexico and Canada contain a meaningful component of U.S. production.

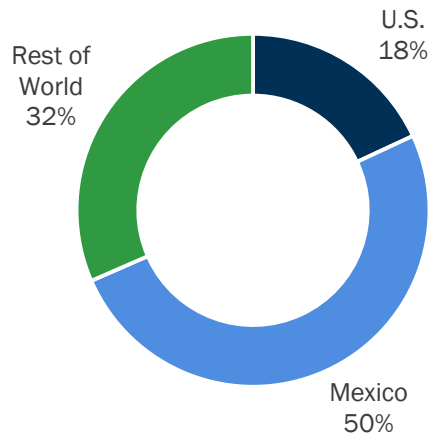
## Exports to the U.S. Subject to Tariffs - Implemented and Threatened



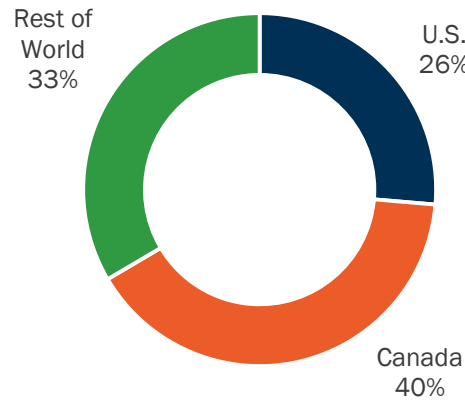
Source: Goldman Sachs, Bloomberg, L.P.

## Exports to the U.S.: Value-Added Production by Region

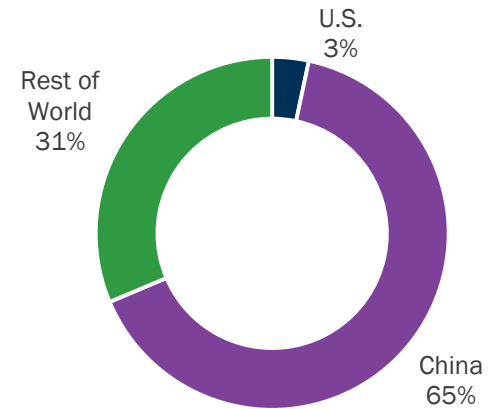
### Mexico Autos/Parts



### Canada Autos/Parts



### China All Products



Source: U.S. Department of Commerce Bureau of the Census Foreign Trade Division.



# S&P 500 Scorecard

## Sector Returns

	<u>Div. Yield<sup>(1)</sup></u>	<u>P/E Ratio<sup>(2)</sup></u>	<u>15-Yr Avg.<sup>(3)</sup></u>	
Consumer Discretionary	1.2%	22.3x	19.0x	8.2% 11.5%
Technology	1.2%	28.5x	20.9x	7.1% 10.9%
Energy	2.7%	19.4x	15.3x	13.5% 6.8%
S&P 500	1.9%	21.0x	17.4x	3.4% 2.6%
Health Care	1.7%	29.0x	20.8x	3.1% 1.8%
Real Estate	3.4%	41.6x	38.6x	6.1% 0.8%
Utilities	3.6%	17.3x	16.7x	3.7% 0.3%
Materials	2.0%	23.1x	18.9x	-3.1% 2.6%
Financials	1.8%	14.5x	14.7x	-3.2% -4.1%
Industrials	2.0%	19.1x	18.1x	-3.2% -4.7%
Telecom	5.7%	6.6x	19.7x	-0.9% -8.4%
Consumer Staples	3.0%	20.2x	19.2x	-1.5% -8.5%

■ 2<sup>nd</sup> Quarter 2018 ■ Year-To-Date 2018

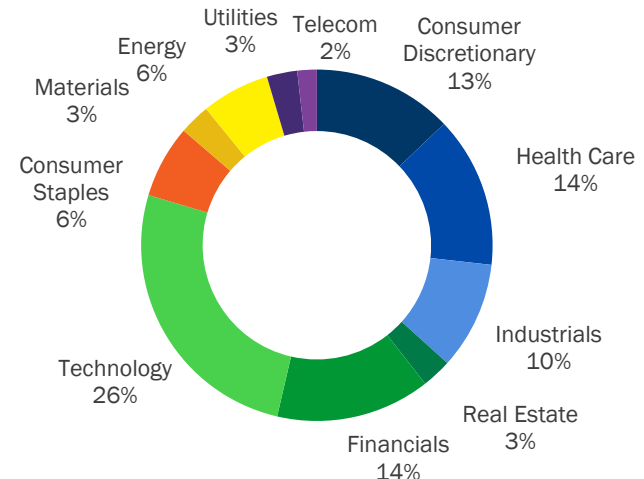
Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global

<sup>(1)</sup>Trailing 12 month Dividend Yield as of 6/30/2018.

<sup>(2)</sup>Trailing 12 month P/E as of 6/30/2018.

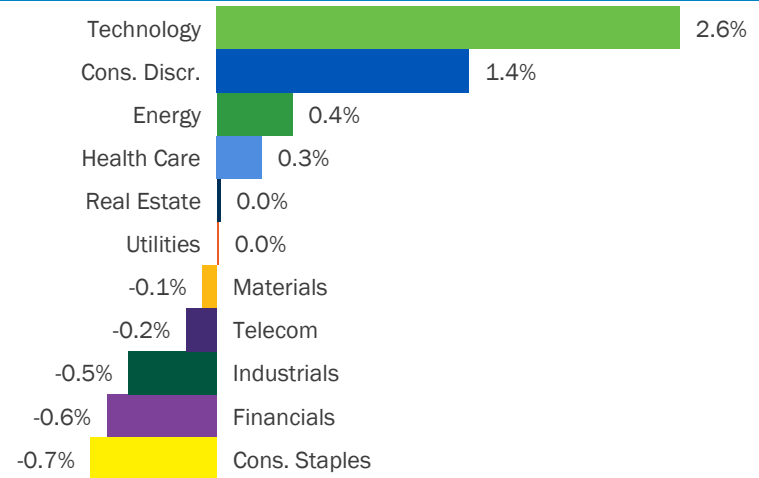
<sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2018.

## Sector Weights



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P

## Sector YTD Contribution

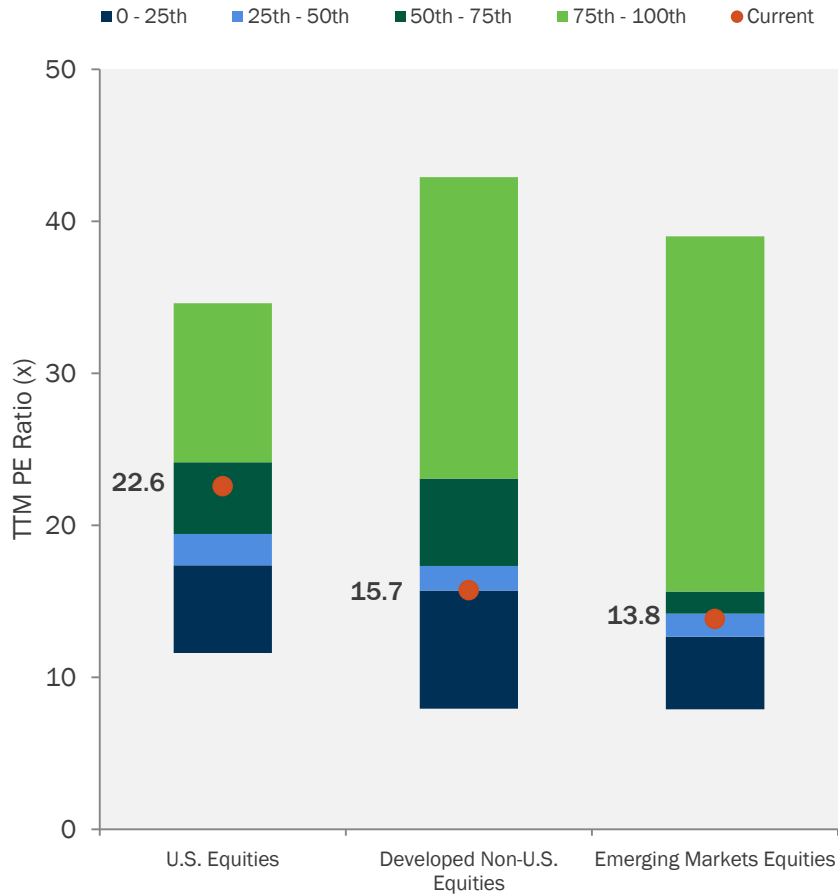


Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, GICS

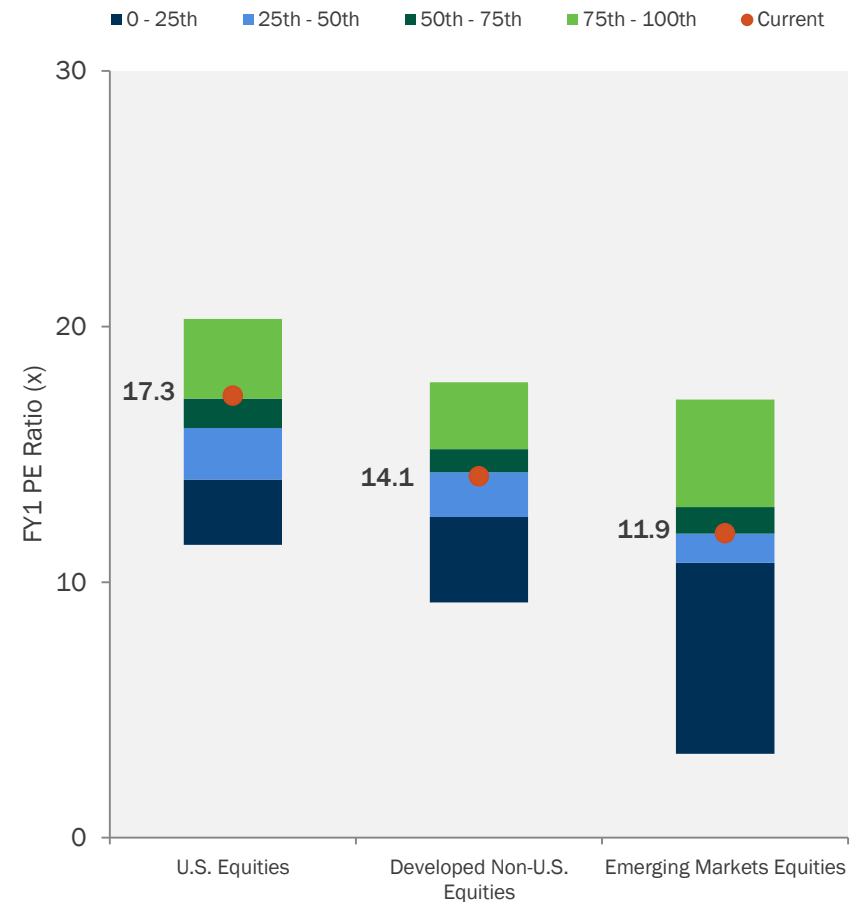


# Equity Valuations

Trailing Price to Earnings Ratio (Last 20 Years)



Forward Price to Earnings Ratio (Last 13 Years)



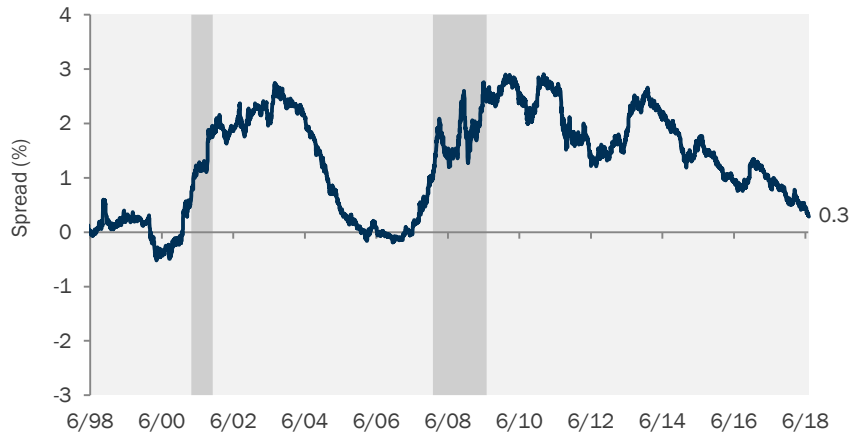
Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018

Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018



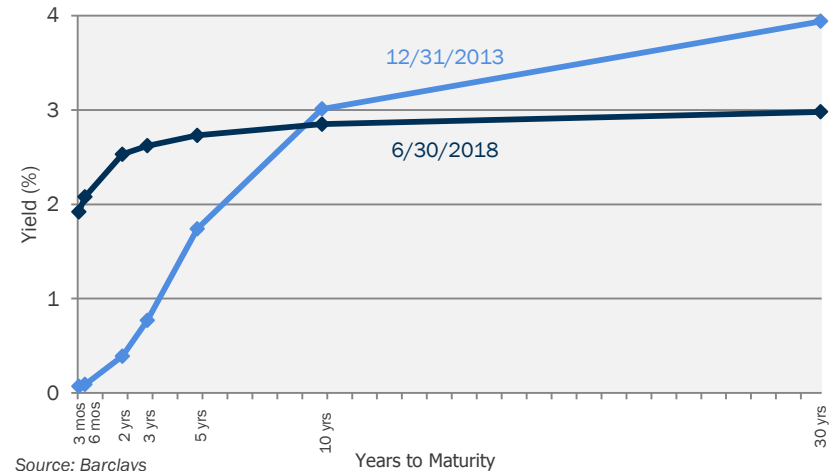
# Rates and Spreads

U.S. Treasury 2-10 Yield Spread



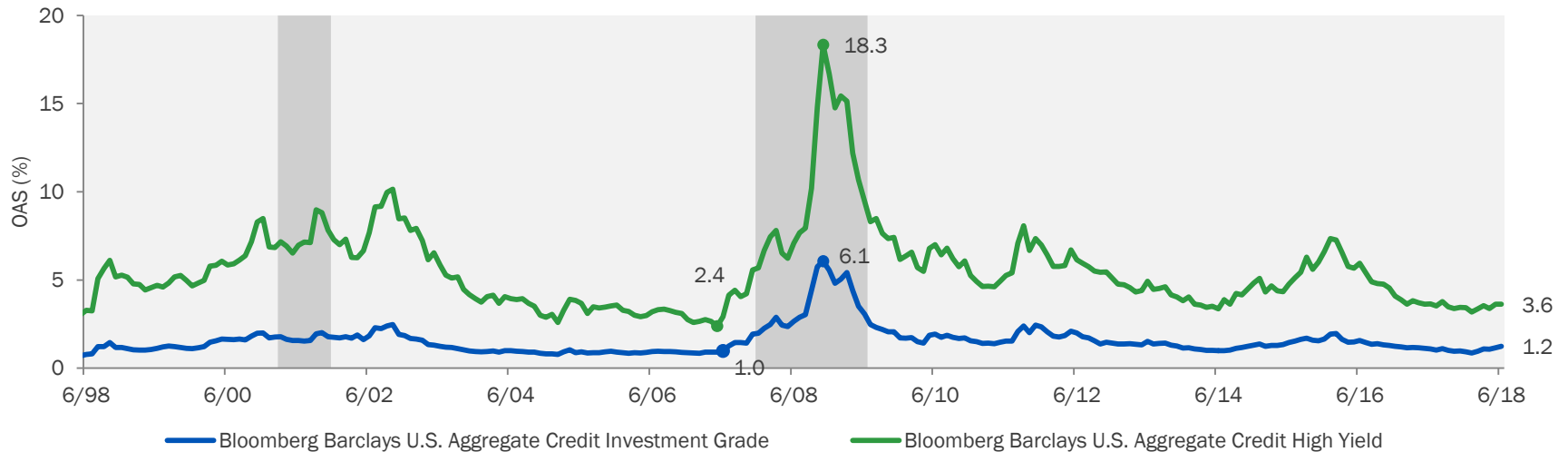
Source: Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018

U.S. Treasury Yield Curve



Source: Barclays

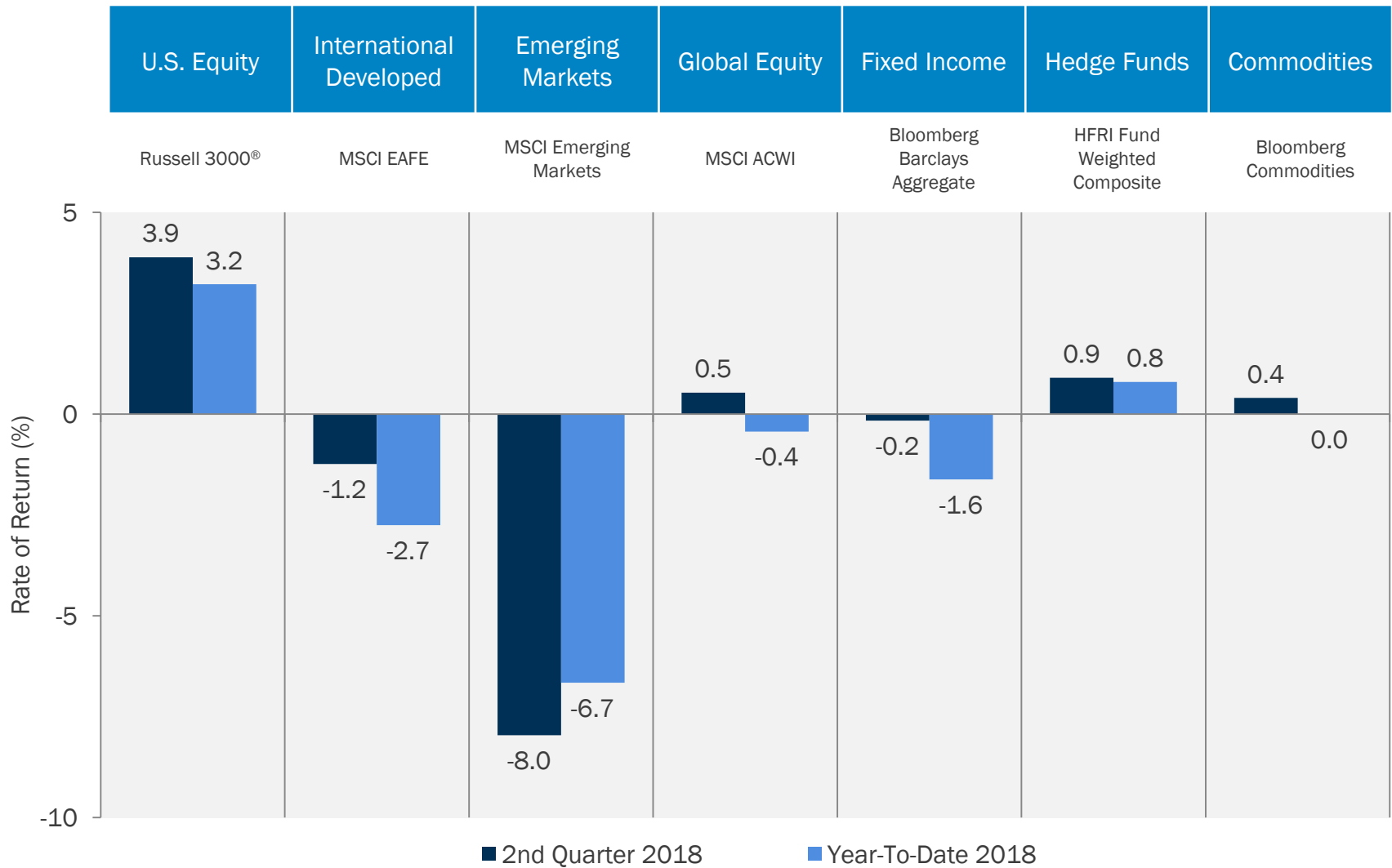
Fixed Income Spreads Relative to Treasuries (Last 20 Years)



Source: Factset, Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018



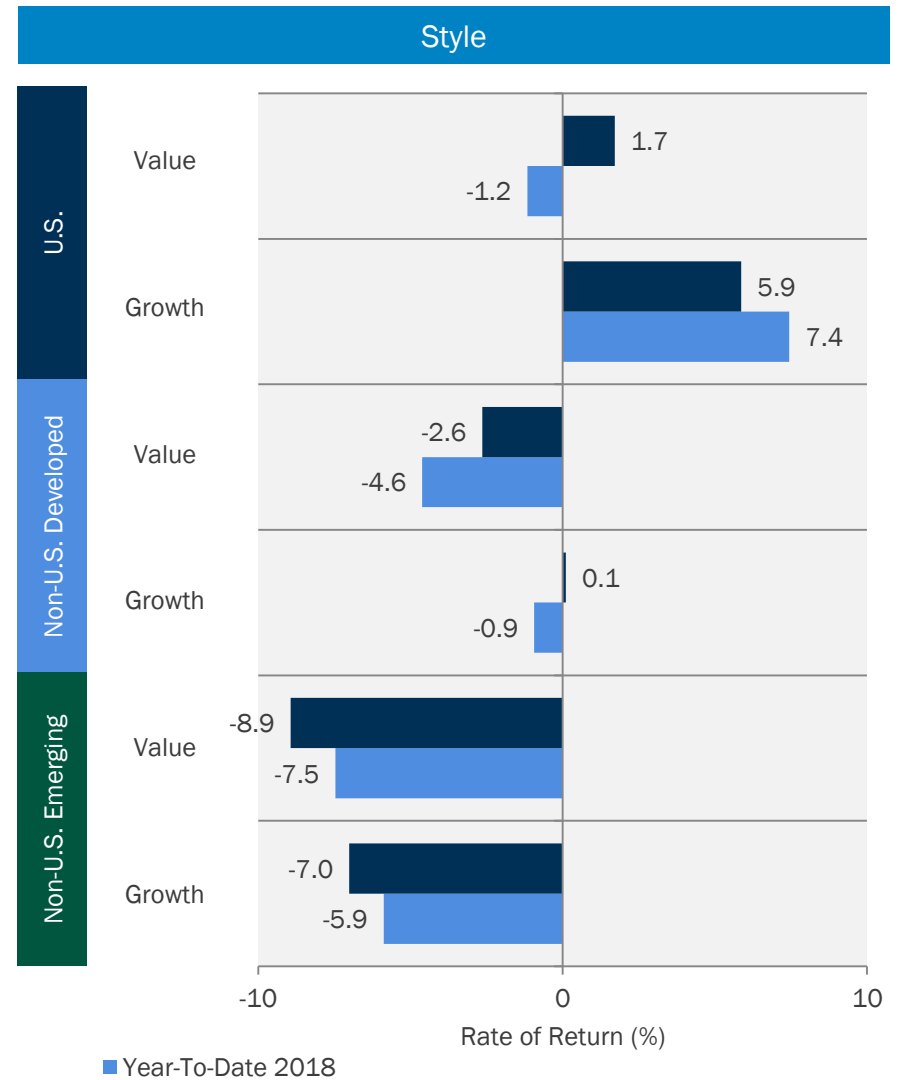
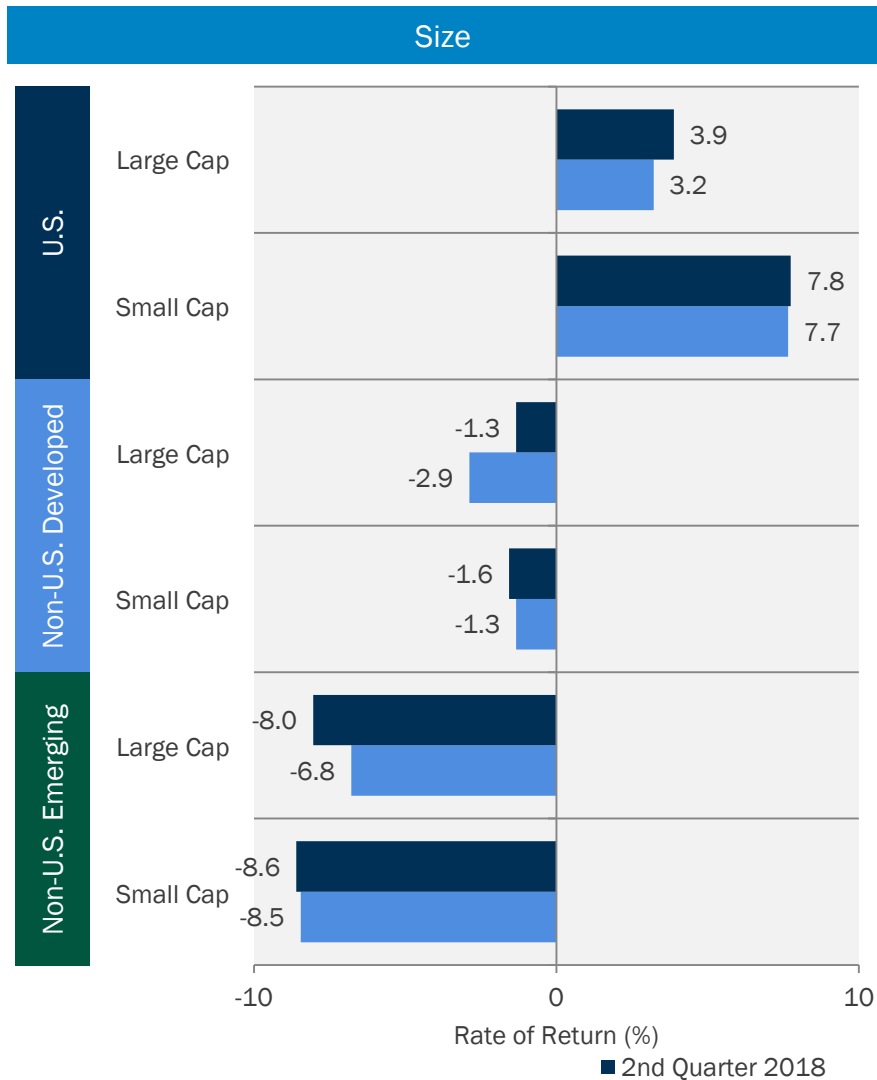
# Market Overview



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, Russell, MSCI, HFRI, Bloomberg Finance, LP



# Global Equity Factor Performance

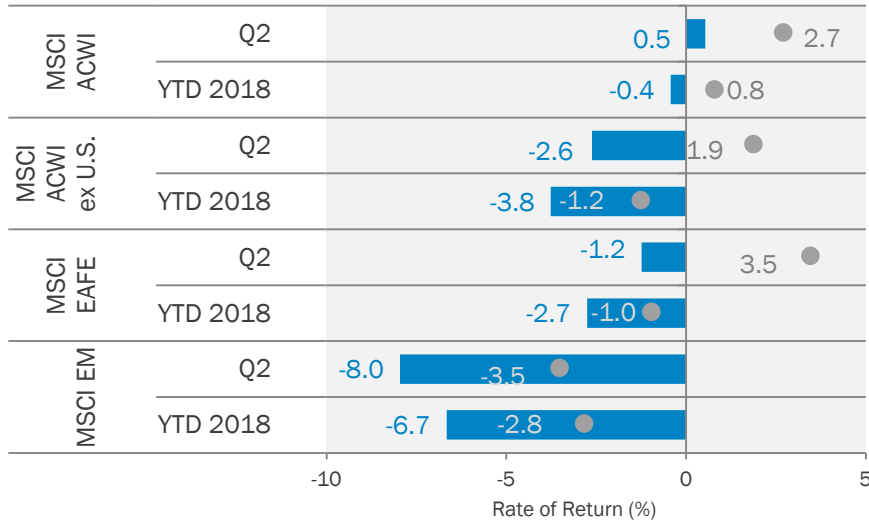


Note: Indices above are the respective size and style sub-indices of Russell, MSCI, and MSCI.  
 Source: Morningstar Direct, Russell, MSCI, S&P Dow Jones Indices LLC, a division of S&P Global



# Non-U.S. / Global Equity Markets

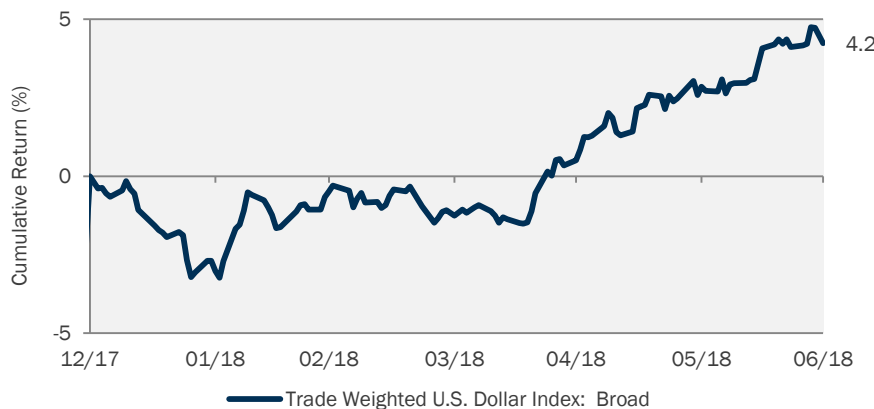
## Market Returns



Source: Morningstar Direct, MSCI

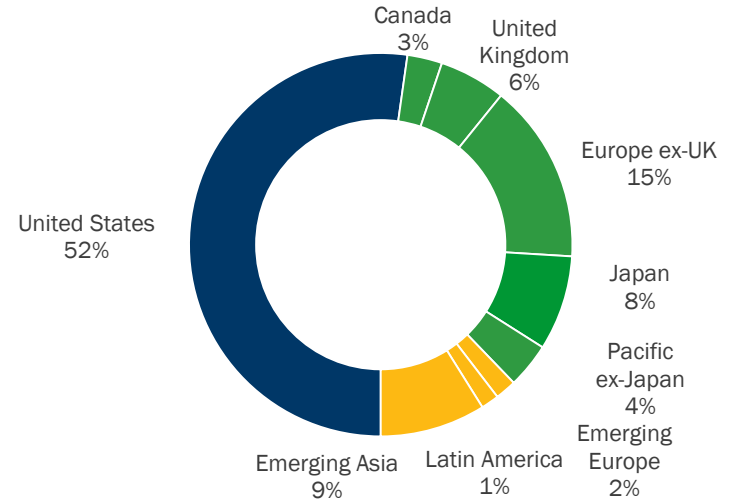
■ USD Return ● Local Return

## U.S. Dollar vs. Foreign Currencies



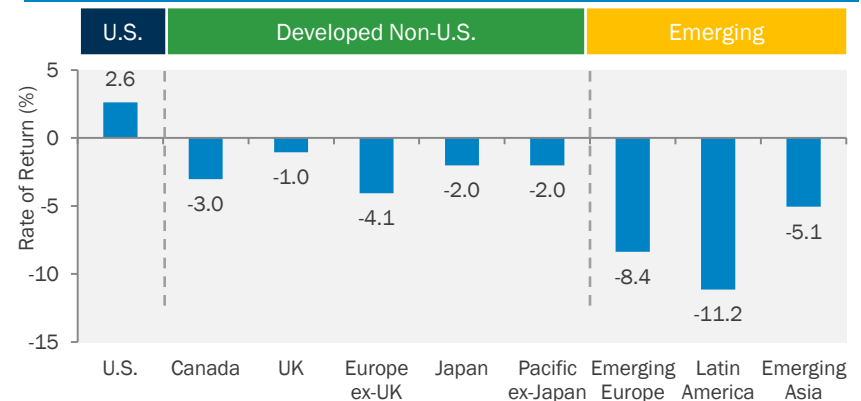
Source: Federal Reserve Board; U.S. trade-weighted index, As of 6/29/2018

## MSCI ACWI Equity Weights



Source: MSCI

## YTD Regional Market Returns (USD)



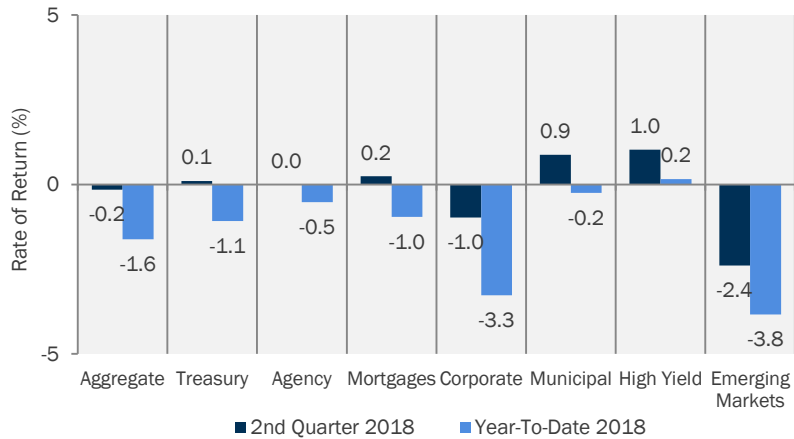
Source: Morningstar Direct, MSCI



# Fixed Income Markets

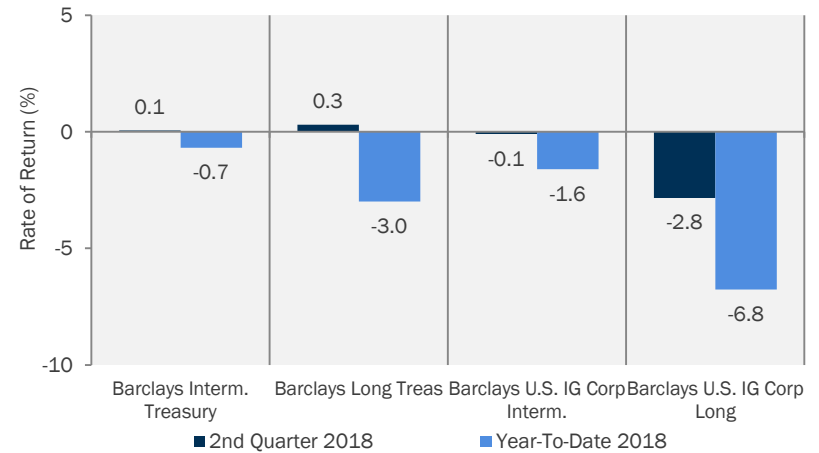
## Bond Market Returns

Returns by Sector



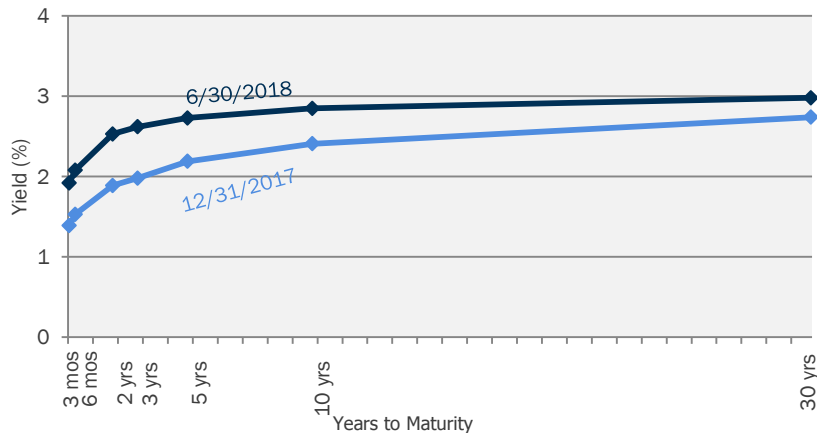
Source: Morningstar Direct

Returns by Duration



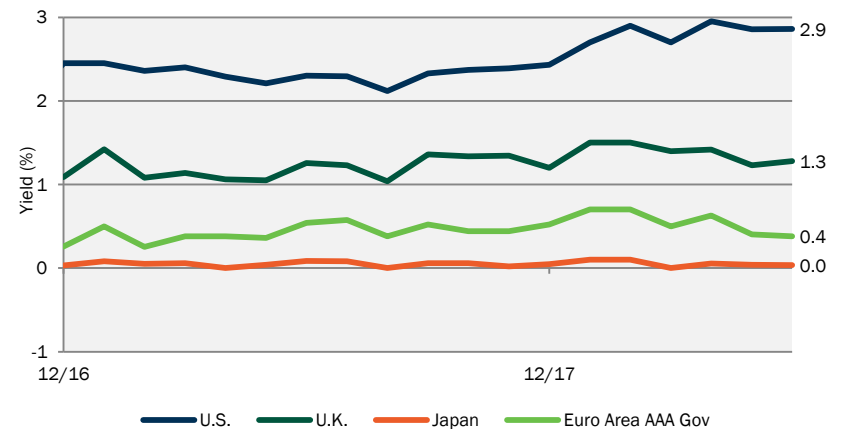
Source: Morningstar Direct

## U.S. Treasury Yield Curve



Source: Barclays

## Global Ten Year Government Spot Yields

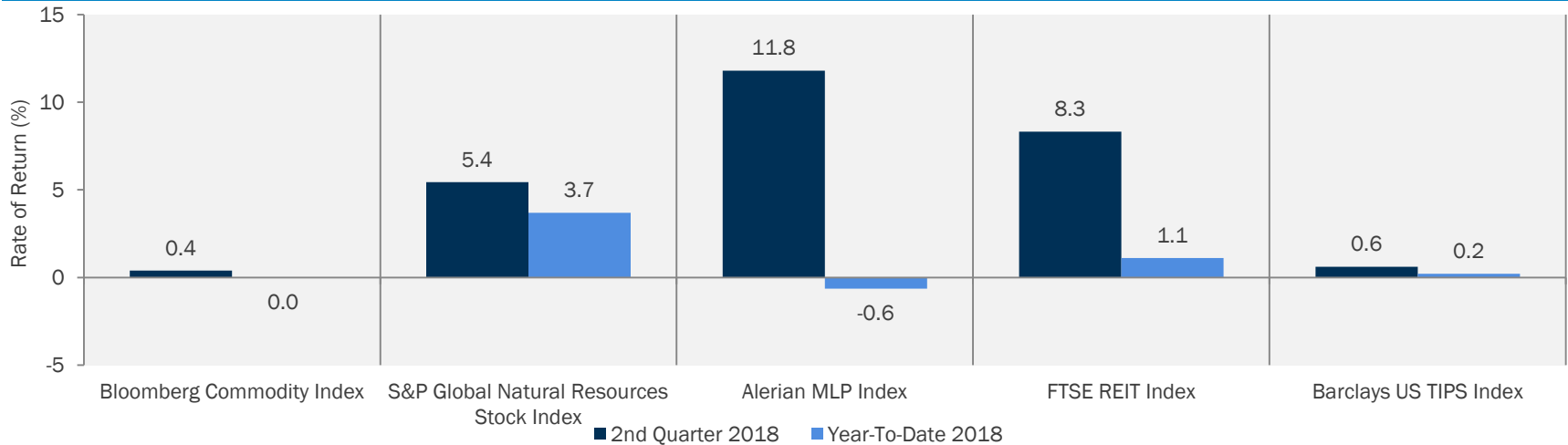


Source: Bloomberg Finance, LP



# Real Assets

## Asset Class Performance



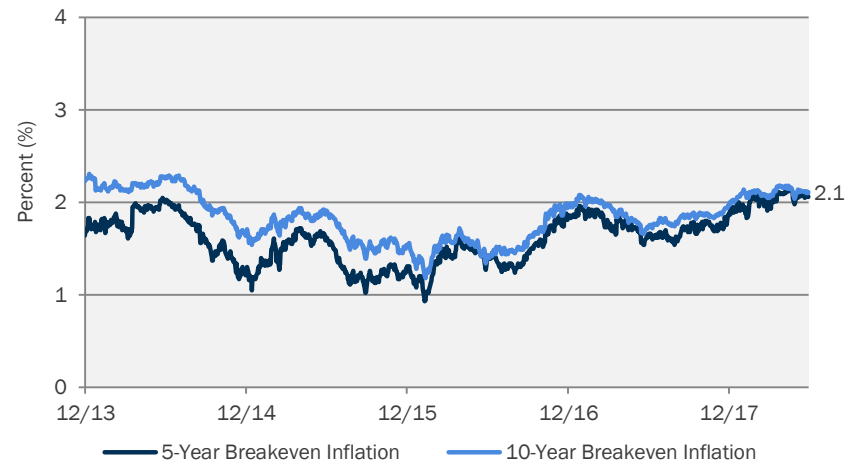
Source: Morningstar Direct, Bloomberg Finance, LP, S&P, Barclays, S&P Dow Jones Indices LLC, a division of S&P Global, Alerian, FTSE

## WTI Crude Oil Prices



Source: Bloomberg Finance, LP; As of 6/29/2018

## United States Breakeven Inflation



Source: Federal Reserve; As of 6/29/2018



# World Markets Heat Map

	Calendar Year Returns									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S. Equity										
S&P 100 Index	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	22.0%	2.0%
S&P 500 Index	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	2.6%
Russell 1000 Value Index	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	13.7%	-1.7%
Russell 1000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell 2000 Index	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	14.6%	7.7%
Russell 2000 Value Index	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	7.8%	5.4%
Russell 2000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell Micro Cap Index	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	13.2%	10.7%
Non U.S. Equity										
MSCI ACWI ex U.S. Index	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	27.2%	-3.8%
MSCI EAFE Index	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-2.7%
MSCI EAFE Small Cap Index	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	33.0%	-1.3%
MSCI Emerging Markets Index	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-6.7%
MSCI Emerging Mkts. Small Cap Index	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	33.8%	-8.5%
MSCI Frontier Markets Index	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	31.9%	-10.9%
Global										
MSCI ACWI Index	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-0.4%
Fixed Income										
Barclays US Aggregate Index	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	-1.6%
Barclays US Inv. Grade. Corp. Index	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	6.4%	-3.3%
Barclays High Yield Index	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	0.2%
Barclays US Corp Long AA+ Index	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	10.8%	-4.3%
Barclays US Treasury Long Index	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-3.0%
Barclays U.S. Municipal Bond Index	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	-0.2%
Barclays Global Agg. ex. U.S. Index	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	10.5%	-1.3%
Barclays EM Debt (Local) Gov't Index	17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	14.3%	-5.5%
Alternatives										
Bloomberg Commodity Index	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	0.0%
Bloomberg Commodity – Gold	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	12.8%	-4.6%
Bloomberg Commodity – WTI Crude Oil	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	5.1%	23.2%
Bloomberg Commodity – Agriculture	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-11.0%	-5.8%
FTSE REIT Index	27.4%	27.6%	7.3%	20.1%	3.2%	27.1%	2.3%	9.3%	9.3%	1.1%

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018

	Annualized Returns					TTM P/E	Div. Yield
	YTD	1-Yr	3-Yr	5-Yr	10-Yr		
U.S. Equity							
S&P 100 Index	2.0%	14.3%	12.0%	13.1%	10.0%	21.0x	2.1%
S&P 500 Index	2.6%	14.4%	11.9%	13.4%	10.2%	20.4x	2.0%
Russell 1000 Value Index	-1.7%	6.8%	8.3%	10.3%	8.5%	15.9x	2.6%
Russell 1000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	27.5x	1.2%
Russell 2000 Index	7.7%	17.6%	11.0%	12.5%	10.6%	18.2x	1.4%
Russell 2000 Value Index	5.4%	13.1%	11.2%	11.2%	9.9%	14.9x	2.1%
Russell 2000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	24.7x	0.7%
Russell Micro Cap Index	10.7%	20.2%	10.5%	12.8%	10.6%	16.6x	1.2%
Non U.S. Equity							
MSCI ACWI ex U.S. Index	-3.8%	7.3%	5.1%	6.0%	2.5%	14.4x	3.2%
MSCI EAFE Index	-2.7%	6.8%	4.9%	6.4%	2.8%	14.6x	3.2%
MSCI EAFE Small Cap Index	-1.3%	12.4%	10.1%	11.3%	6.8%	15.2x	2.6%
MSCI Emerging Markets Index	-6.7%	8.2%	5.6%	5.0%	2.3%	13.4x	3.1%
MSCI Emerging Mkts. Small Cap Index	-8.5%	5.6%	2.5%	4.3%	4.4%	13.2x	2.5%
MSCI Frontier Markets Index	-10.9%	1.7%	2.1%	4.5%	-2.5%	12.9x	3.4%
Global							
MSCI ACWI Index	-0.4%	10.7%	8.2%	9.4%	5.8%	17.1x	2.5%
Fixed Income						Duration	YTW
Barclays US Aggregate Index	-1.6%	-0.4%	1.7%	2.3%	3.7%	6.0	3.3%
Barclays US Inv. Grade. Corp. Index	-3.3%	-0.8%	3.1%	3.5%	5.4%	7.3	4.0%
Barclays High Yield Index	0.2%	2.6%	5.5%	5.5%	8.2%	3.9	6.5%
Barclays US Corp Long AA+ Index	-4.3%	0.3%	5.2%	5.9%	7.4%	14.1	4.0%
Barclays US Treasury Long Index	-3.0%	-0.1%	3.4%	4.5%	6.1%	17.2	3.0%
Barclays U.S. Municipal Bond Index	-0.2%	1.6%	2.9%	3.5%	4.4%	6.0	2.7%
Barclays Global Agg. ex. U.S. Index	-1.3%	2.8%	3.2%	0.9%	1.8%	7.9	0.9%
Barclays EM Debt (Local) Gov't Index	-5.5%	-0.8%	1.9%	0.5%	--	5.8	5.3%
Alternatives							
Bloomberg Commodity Index	0.0%	7.3%	-4.5%	-6.4%	-9.0%	--	--
Bloomberg Commodity – Gold	-4.6%	0.2%	1.5%	-0.1%	2.3%	--	--
Bloomberg Commodity – WTI Crude Oil	23.2%	58.9%	-8.3%	-14.0%	-17.9%	--	--
Bloomberg Commodity – Agriculture	-5.8%	-13.3%	-9.9%	-9.5%	-7.1%	--	--
FTSE REIT Index	1.1%	4.8%	9.2%	9.0%	8.5%	--	--

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018



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# IBEW Pension Trust Portfolio Review

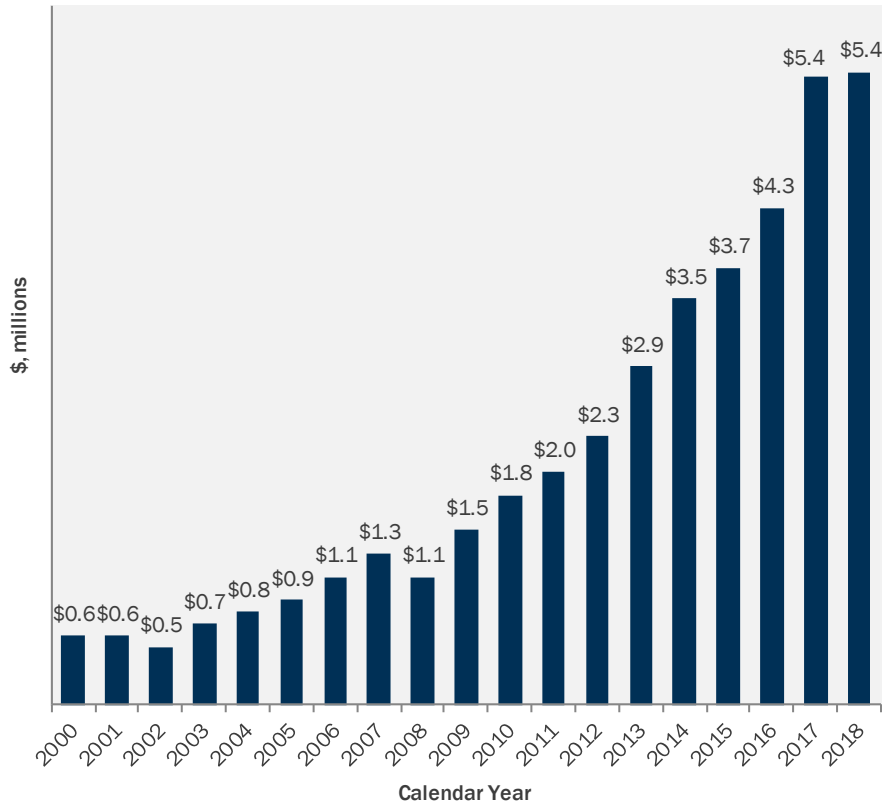
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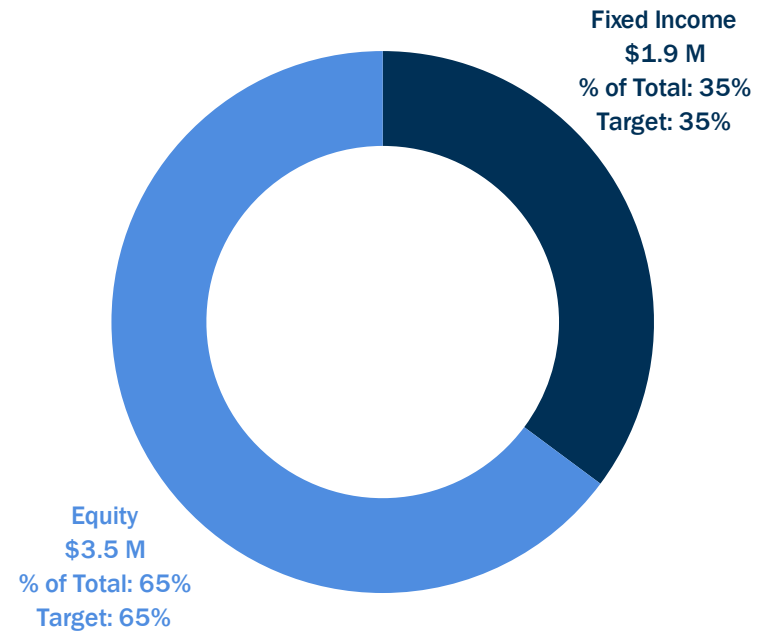
# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

As of June 30, 2018

## Growth of Assets



## Asset Allocation



Total Assets: \$5.4 Million

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

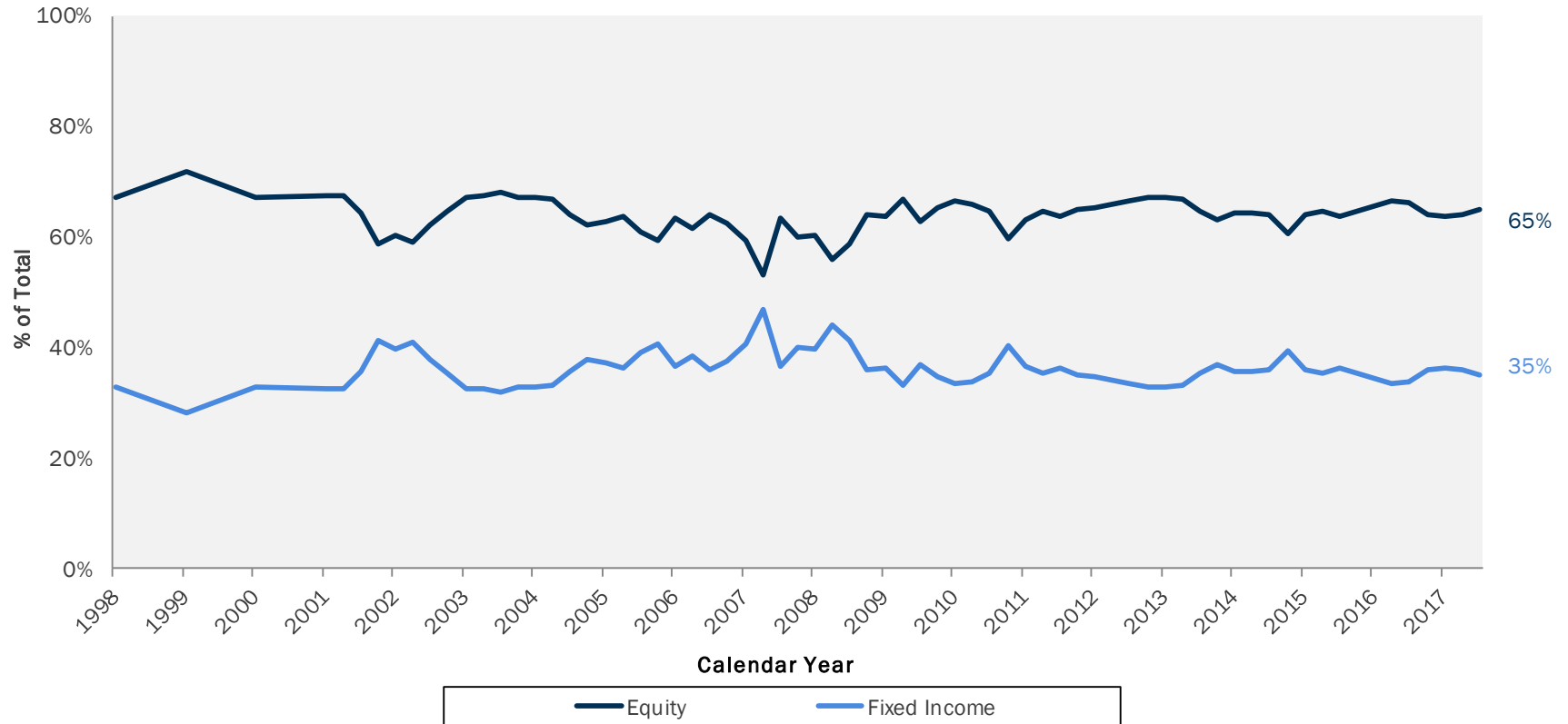


# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Total Portfolio Asset Allocation

As of June 30, 2018

### Total Portfolio Allocation





# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Total Portfolio Manager Allocation

As of June 30, 2018

	Value	Core	Growth	
Large Cap		Vanguard S&P 500 Index \$2.2 million % of Equity: 62%		= \$2.2 million % of Equity: 62%
Mid/Small Cap		Vaughan Nelson \$0.3 million % of Equity: 7%	Artisan Small Cap \$0.3 million % of Equity: 9%	= \$0.6 million % of Equity: 17%
International		Harbor International Fund \$0.8 million % of Equity: 22%		= \$0.8 million % of Equity: 22%
				= \$3.5 million % of Equity: 100%
	Intermediate-Term	Short-Term		
Fixed Income	Dodge & Cox Income \$1.9 million % of Fixed Income: 98%	Cash Equivalents \$0.0 million % of Fixed Income: 2%		= \$1.9 million 100% of Fixed Income
				= \$5.4 million 100% of Total Portfolio

Note: As of June 30, 2018 total cash balance was \$36,345.



# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Market Benchmark Definitions

Market Benchmark	Total Portfolio	Total Equity	Total Fixed
Wilshire 5000 Index	50%	77%	0%
MSCI EAFE Index	15%	23%	0%
Barclays Aggregate Bond Index	<u>35%</u>	<u>0%</u>	<u>100%</u>
	<b>100%</b>	<b>100%</b>	<b>100%</b>

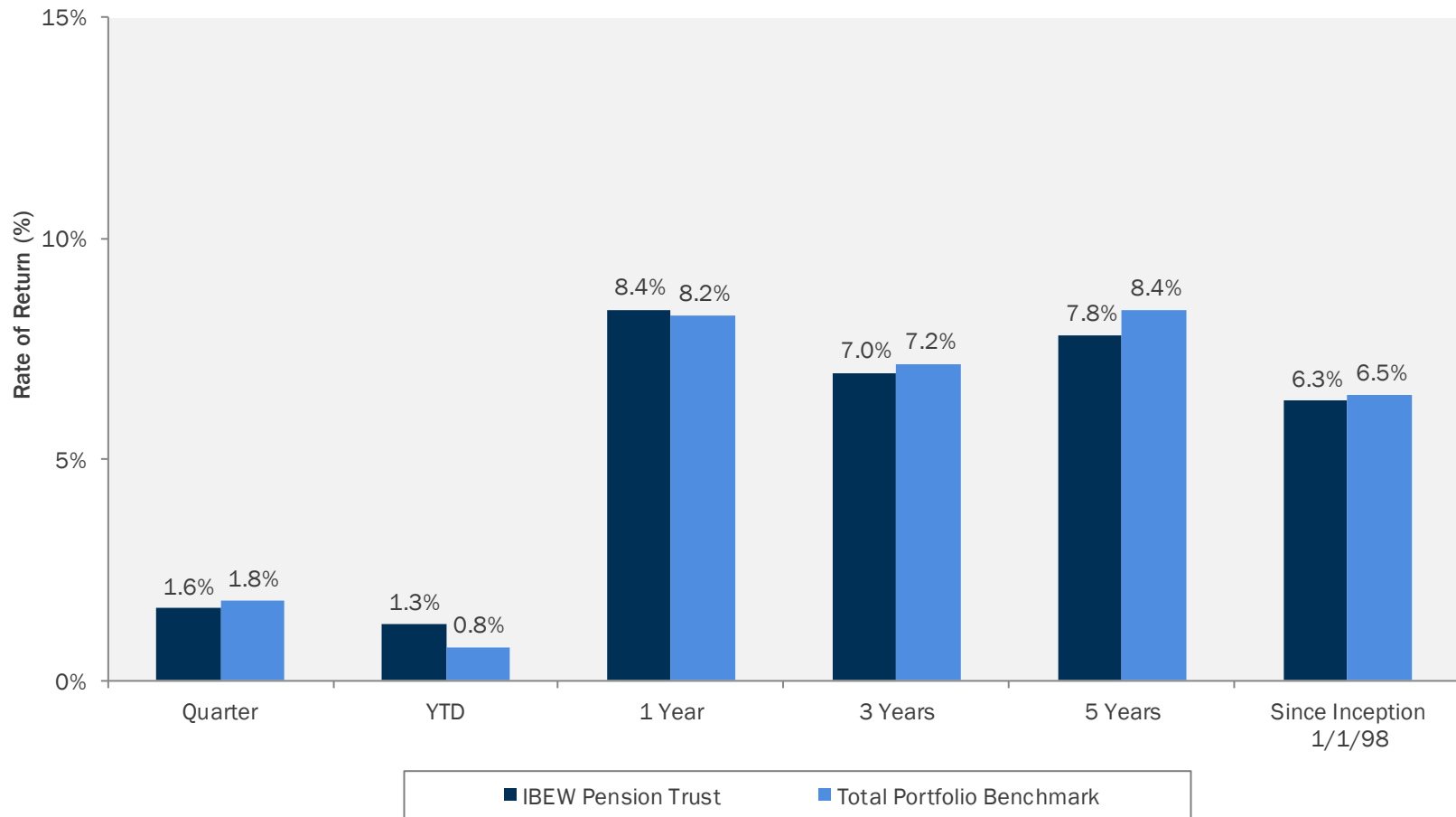
Note: Prior to 1/1/09, the equity segment benchmark was 85% Wilshire 5000 Index and 15% MSCI EAFE Index.



# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Total Portfolio Performance Review

As of June 30, 2018

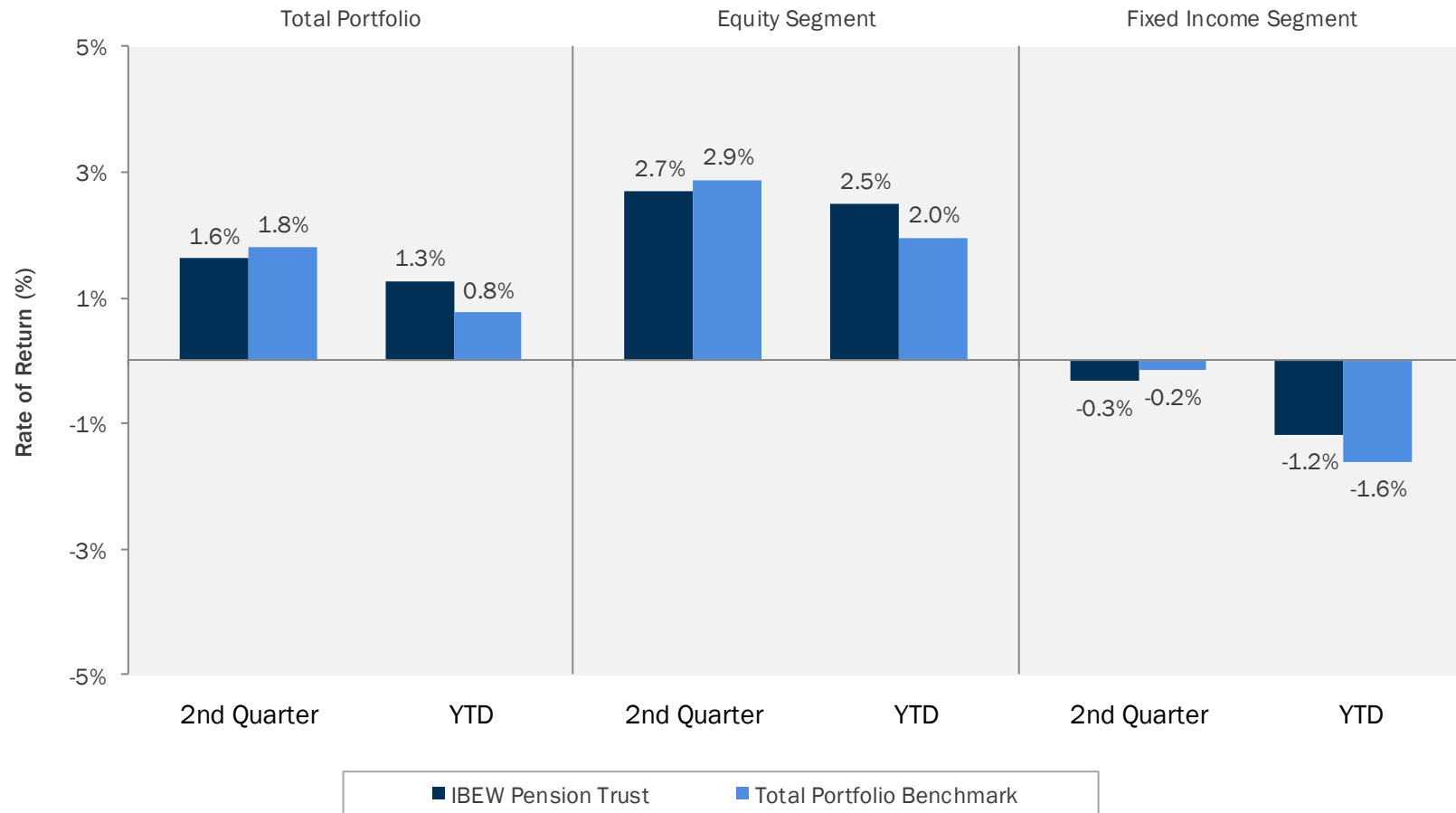




# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Asset Class Performance Review

As of June 30, 2018

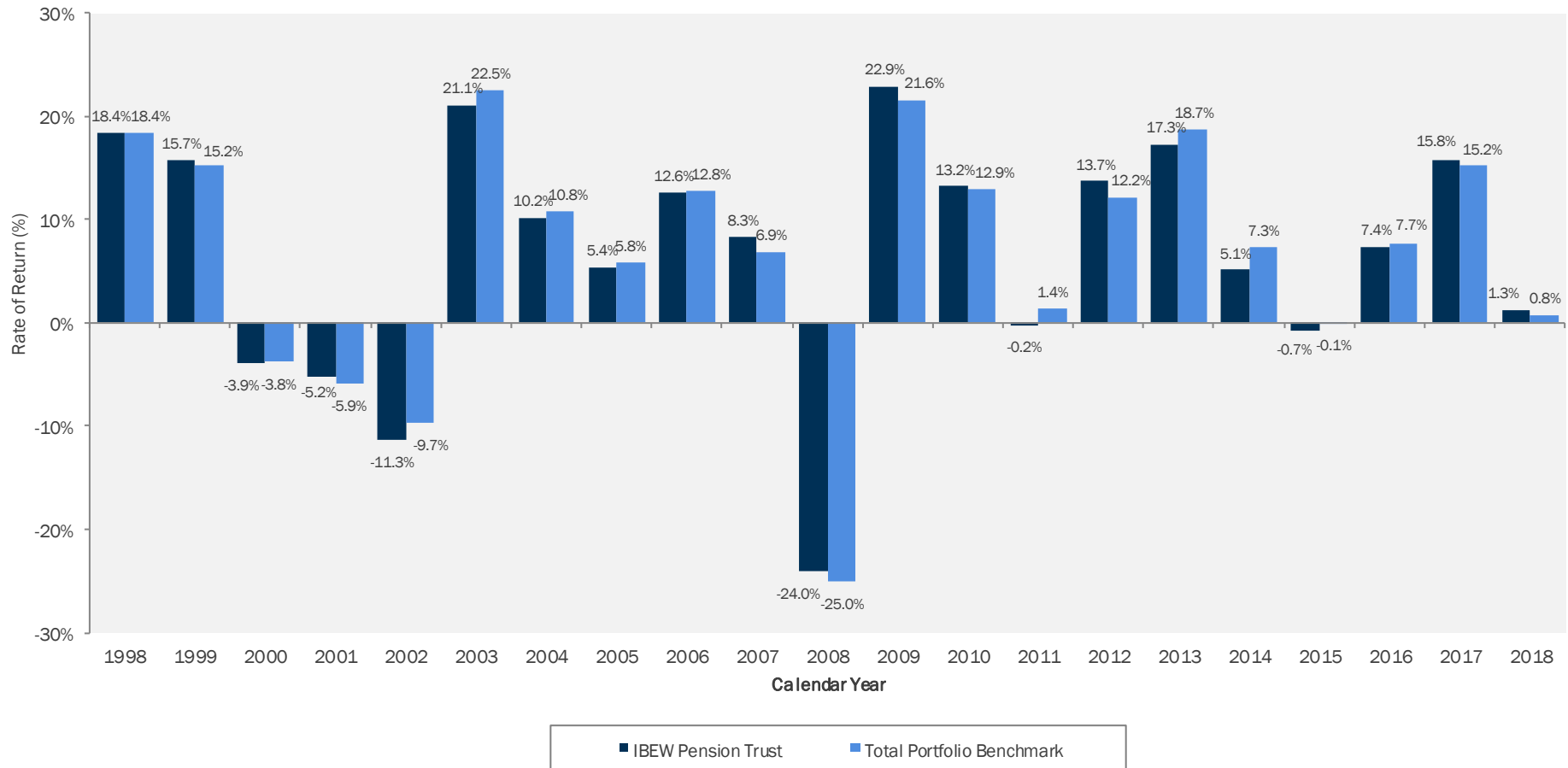




# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Calendar Year Performance

As of June 30, 2018





# Bi-State Development Agency IBEW Pension Trust – Local 2 and Local 309

## Manager Performance

As of June 30, 2018

Asset Class	Quarter	YTD	Annualized			Inception Date
			Five Years	Ten Years	Since Inception	
U.S. Equity						
Vanguard S&P 500 Index	3.4%	2.6%	13.4%	10.2%	7.1%	12/31/97
S&P 500 Index	3.4%	2.6%	13.4%	10.2%	7.1%	
Vaughan Nelson Value Opp.	1.8%	-0.5%	8.9%	--	1.8%	5/28/15
Russell Mid Cap Value Index	2.4%	-0.2%	11.3%	10.1%	7.5%	
Artisan Small Cap Growth	7.5%	15.7%	13.7%	12.7%	12.7%	8/28/13
Russell 2000 Growth Index	7.2%	9.7%	13.6%	11.2%	12.9%	
Non-U.S. Equity						
Harbor International	-0.7%	-1.3%	4.9%	2.8%	1.3%	5/22/14
MSCI EAFE Index	-1.2%	-2.7%	6.4%	2.8%	3.0%	
Fixed Income						
Dodge & Cox Income	-0.3%	-1.2%	3.1%	4.9%	2.2%	12/02/14
Barclays Aggregate Bond Index	-0.2%	-1.6%	2.3%	3.7%	1.3%	

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



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# Manager Performance Review

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# Vanguard 500 Index

As of 6/30/2018

## Portfolio Statistics

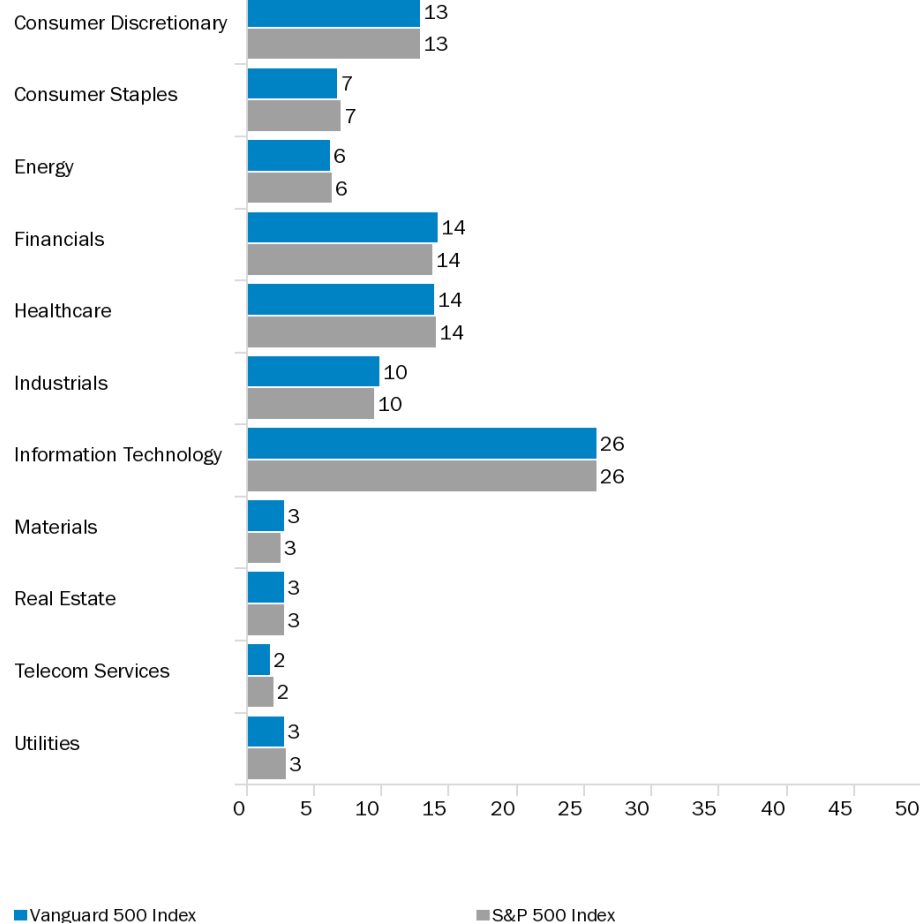
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	218.5	217.5
P/E Ratio	21.0	21.0
P/B Ratio	3.2	3.2
Dividend Yield (%)	1.9	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Apple Inc	Information Technology	4.1	10.2
Microsoft Corp	Information Technology	3.3	16.3
Amazon.com Inc	Consumer Discretionary	2.8	45.3
Facebook Inc A	Information Technology	2.0	10.1
JPMorgan Chase & Co	Financials	1.6	-1.5
Berkshire Hathaway Inc B	Financials	1.5	-5.8
Exxon Mobil Corp	Energy	1.5	0.8
Alphabet Inc C	Information Technology	1.4	6.6
Alphabet Inc A	Information Technology	1.4	7.2
Johnson & Johnson	Health Care	1.4	-11.9

## Sector Allocation (%)



Source: Morningstar Direct



# Vanguard 500 Index

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Vanguard 500 Index	3.4	2.6	14.3	13.4	10.2
Peer group percentile	23	24	26	10	16
S&P 500 Index	3.4	2.6	14.4	13.4	10.2
Peer group percentile	23	23	25	9	15
25th Percentile	3.4	2.6	14.4	13.0	9.9
50th Percentile	2.9	1.8	13.0	12.1	9.2
75th Percentile	2.0	0.3	10.6	10.9	8.2

Source: Morningstar Direct



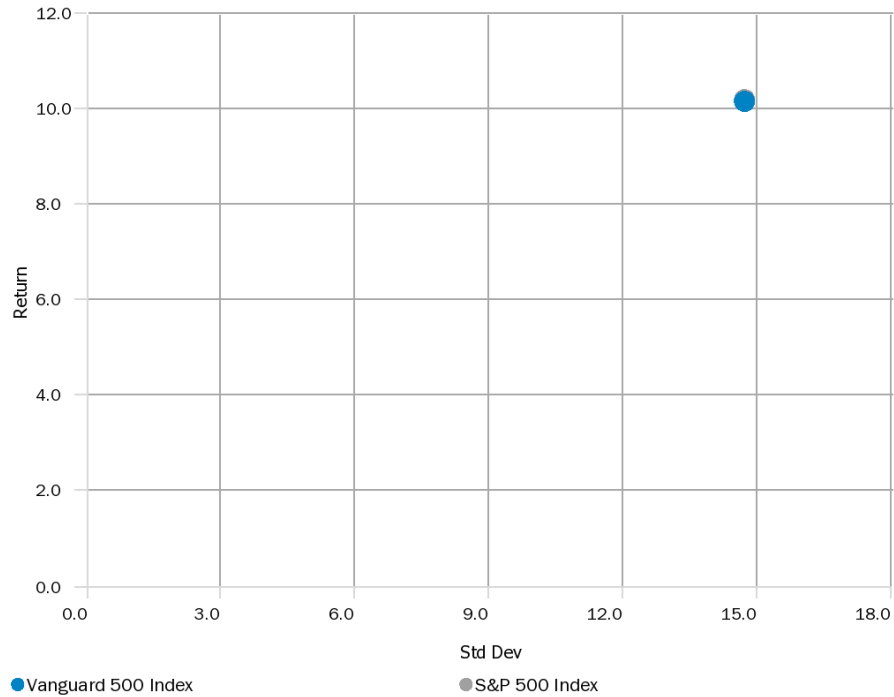
# Vanguard 500 Index

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	21.8	2.6	11.9	13.4	10.2
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2

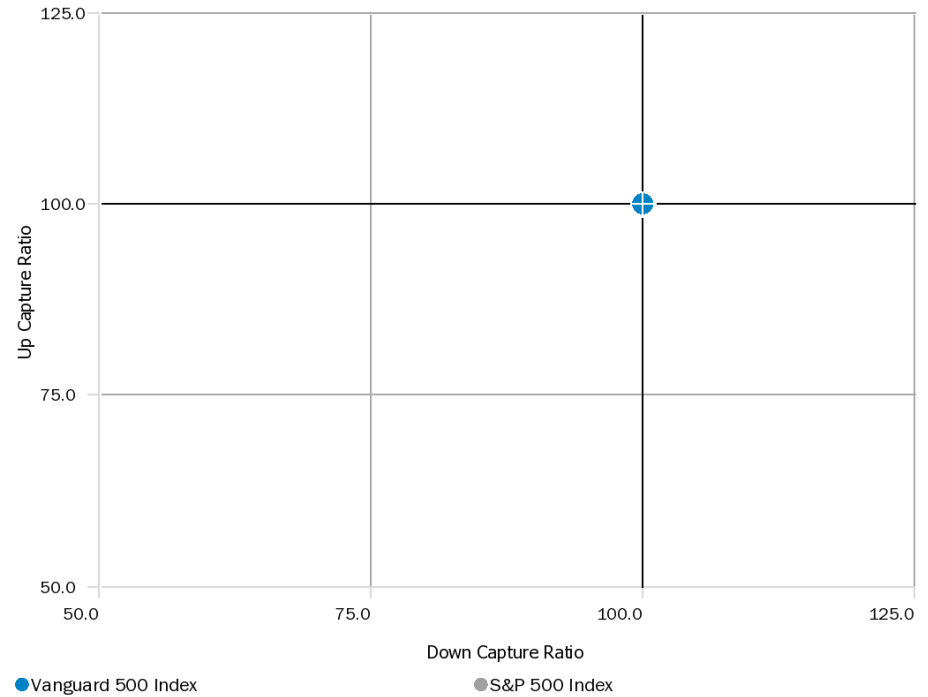
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Portfolio Statistics

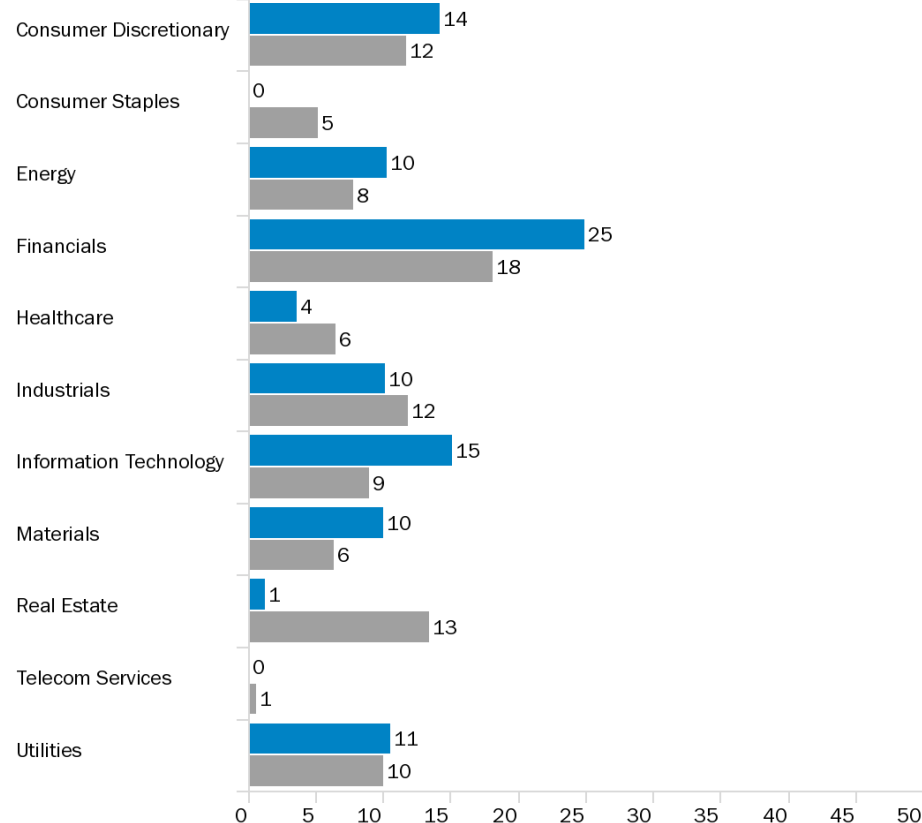
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	10.7	14.2
P/E Ratio	14.8	17.5
P/B Ratio	2.1	1.9
Dividend Yield (%)	1.9	2.1

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
WPX Energy Inc Class A	Energy	3.4	28.1
Bank of N.T Butterfield & Son Ltd	Financials	3.1	28.1
Continental Resources Inc	Energy	2.6	22.3
New Residential Investment Corp	Financials	2.6	3.4
Ares Capital Corp	Financials	2.5	9.5
Centene Corp	Health Care	2.3	22.1
Crown Holdings Inc	Materials	2.2	-20.4
Fidelity National Information Services Inc	Information Technology	2.1	13.4
CACI International Inc Class A	Information Technology	2.1	27.4
Atlantica Yield PLC	Utilities	2.0	-1.9

## Sector Allocation (%)



■ Natixis Vaughan Nelson Value Opp

■ Russell Mid Cap Value Index

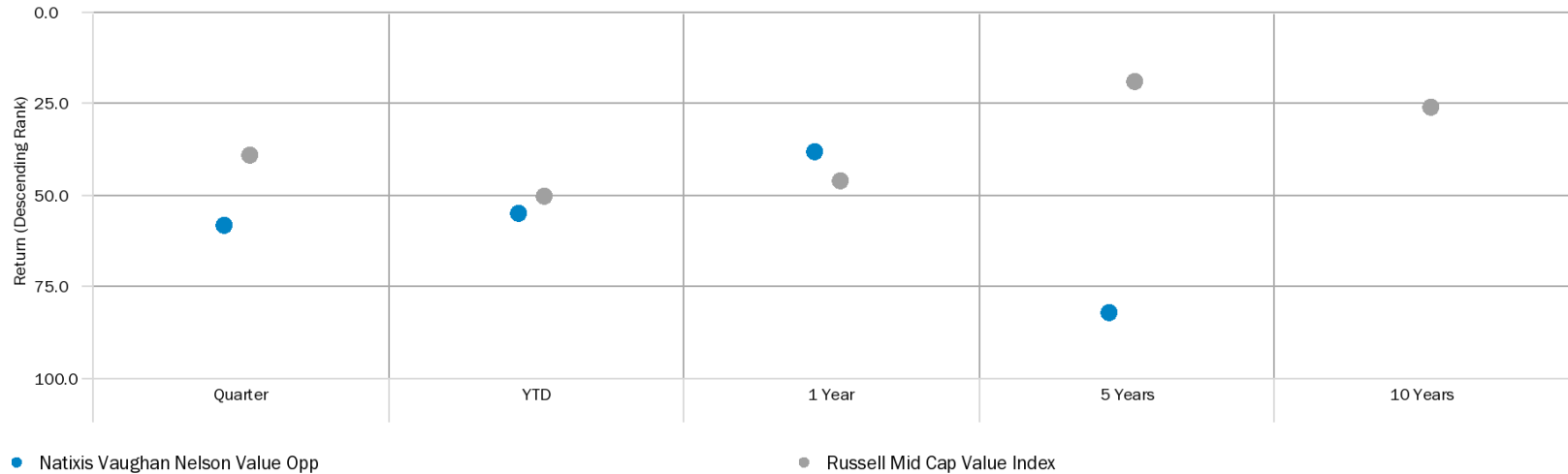
Source: Morningstar Direct



# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	1.8	-0.5	8.3	8.9	
Peer group percentile	58	55	38	82	
Russell Mid Cap Value Index	2.4	-0.2	7.6	11.3	10.1
Peer group percentile	39	50	46	19	26
25th Percentile	3.3	1.4	10.1	10.8	10.1
50th Percentile	2.1	-0.2	7.4	10.0	8.7
75th Percentile	1.0	-1.4	5.9	9.3	8.0

Source: Morningstar Direct



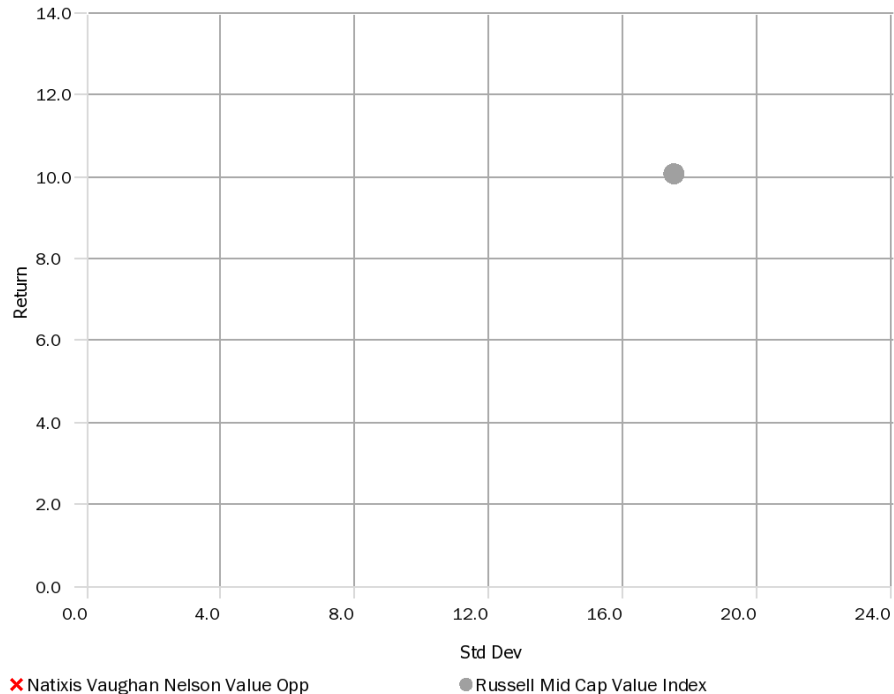
# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	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	13.2	-0.5	2.4	8.9	
Russell Mid Cap Value Index	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	13.3	-0.2	8.8	11.3	10.1

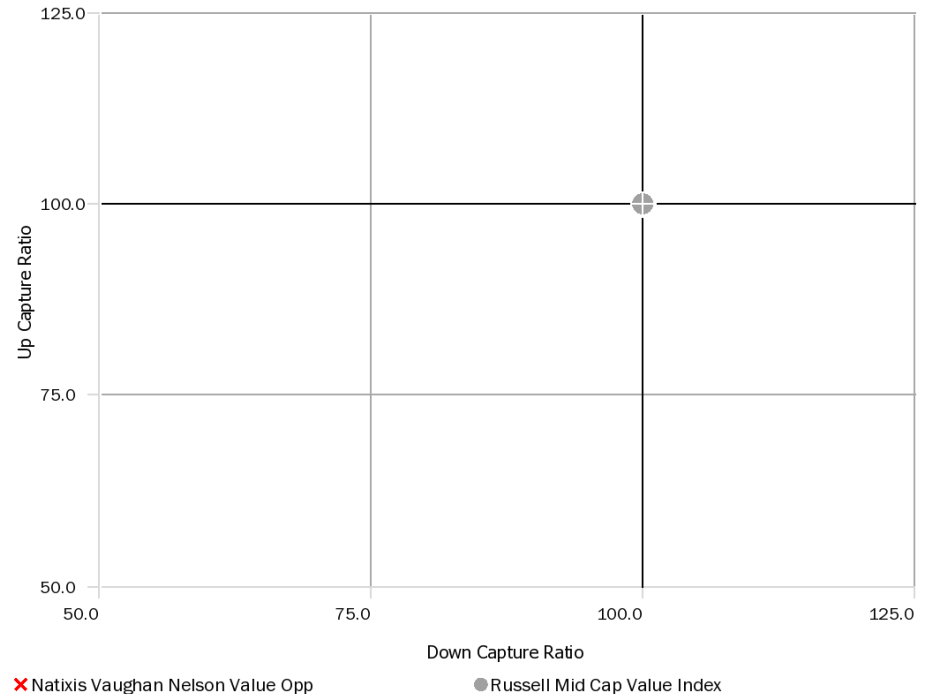
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

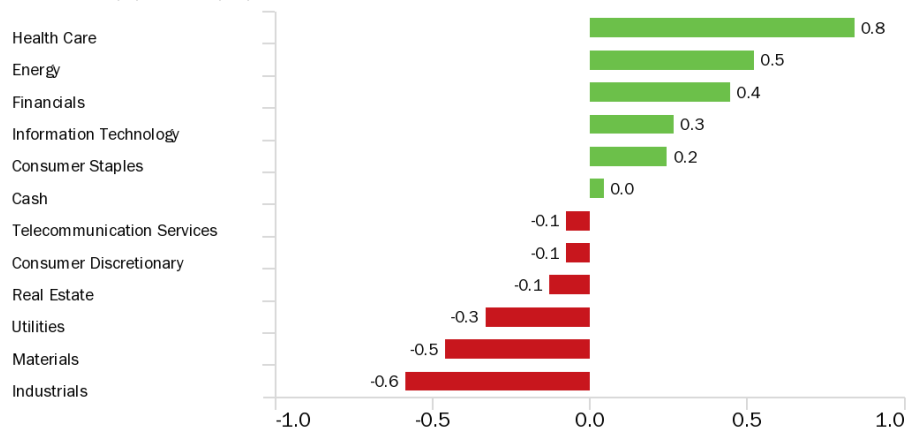


# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Bank of N.T Butterfield & Son Ltd	2.9	28.0	0.7
Centene Corp	1.7	22.1	0.4
WPX Energy Inc Class A	2.7	28.1	0.4
Extended Stay America Inc	2.0	16.2	0.3
KAR Auction Services Inc	1.8	9.9	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Mohawk Industries Inc	1.7	-22.3	-0.4
Crown Holdings Inc	2.2	-20.4	-0.4
NCR Corp	1.7	-11.8	-0.4
Forum Energy Technologies Inc	1.2	-20.6	-0.4
CommScope Holding Co Inc	1.4	-22.8	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	-1.4	-0.3	11.9	-1.9	-0.2	0.0	-0.1	-0.1
Consumer Staples	0.0		0.0	3.9	-6.4	-0.3	0.2	0.0	0.2
Energy	8.7	16.6	1.4	8.4	10.3	0.9	0.0	0.5	0.5
Financials	25.6	-0.1	0.0	20.8	-2.0	-0.4	0.0	0.5	0.4
Health Care	4.0	18.9	0.7	6.5	-2.0	-0.1	0.0	0.8	0.8
Industrials	13.0	-10.8	-1.6	12.0	-7.9	-1.0	-0.1	-0.5	-0.6
Information Technology	15.2	5.8	0.9	6.5	10.6	0.6	1.0	-0.7	0.3
Materials	10.6	-5.7	-0.7	5.6	-2.9	-0.2	-0.1	-0.3	-0.5
Real Estate	1.2	-0.3	0.0	13.7	0.6	0.1	-0.1	0.0	-0.1
Telecommunication Services	0.0		0.0	0.5	15.5	0.1	-0.1	0.0	-0.1
Utilities	4.5	-2.6	0.1	10.2	2.5	0.2	-0.2	-0.2	-0.3
Cash	1.6	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.5	0.5	100.0	-0.2	-0.2	0.7	0.0	0.7

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

Source: Morningstar Direct



# Artisan Small Cap

As of 6/30/2018

## Portfolio Statistics

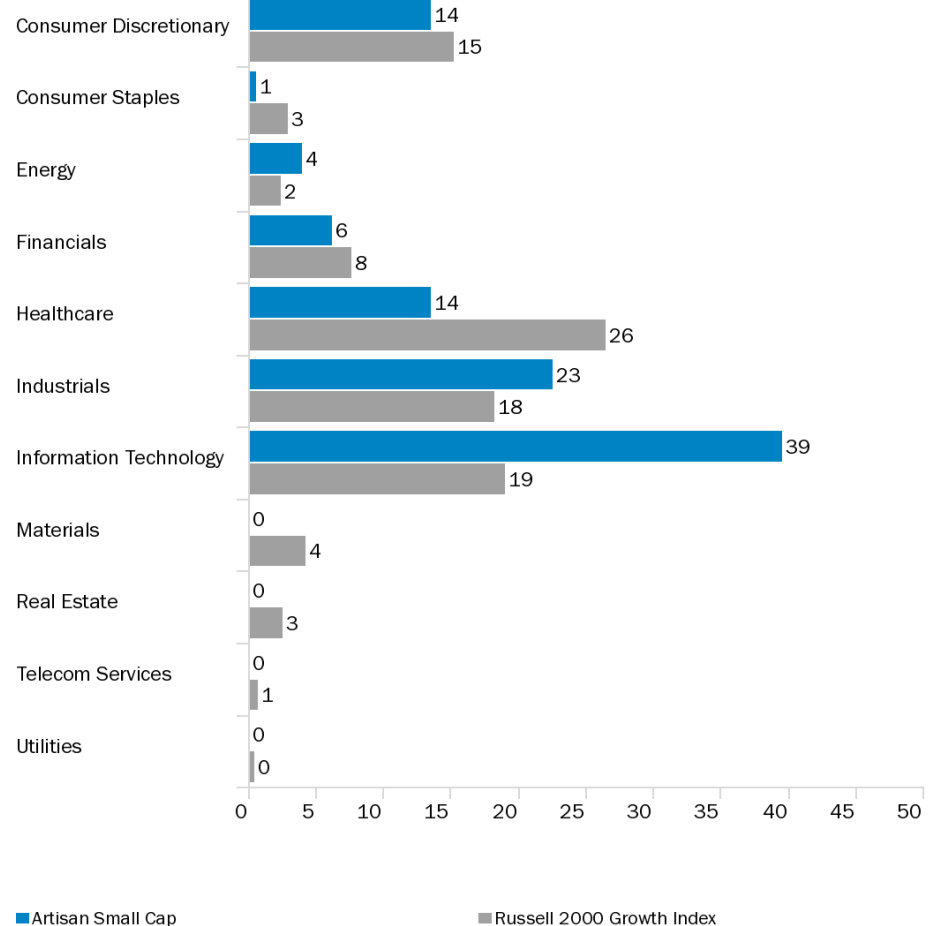
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	5.9	2.5
P/E Ratio	35.2	25.6
P/B Ratio	5.7	4.3
Dividend Yield (%)	0.2	0.6

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Teledyne Technologies Inc	Industrials	3.7	9.9
Veeva Systems Inc Class A	Health Care	3.6	39.0
Proofpoint Inc	Information Technology	3.6	29.8
BWX Technologies Inc	Industrials	3.3	3.6
John Bean Technologies Corp	Industrials	3.2	-19.6
Guidewire Software Inc	Information Technology	3.1	19.6
Q2 Holdings Inc	Information Technology	3.1	54.8
Webster Financial Corp	Financials	2.8	14.5
Visteon Corp	Consumer Discretionary	2.4	3.3
Tyler Technologies Inc	Information Technology	2.4	25.4

## Sector Allocation (%)



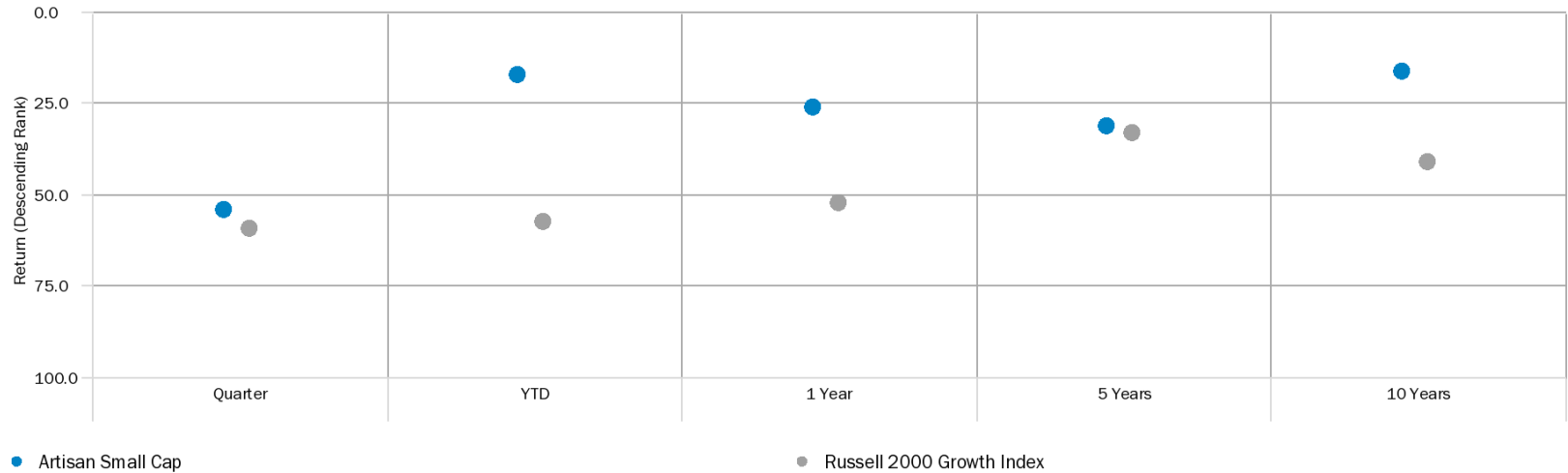
Source: Morningstar Direct



# Artisan Small Cap

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Artisan Small Cap	7.5	15.7	26.8	13.7	12.7
Peer group percentile	54	17	26	31	16
Russell 2000 Growth Index	7.2	9.7	21.9	13.6	11.2
Peer group percentile	59	57	52	33	41
25th Percentile	9.7	14.3	26.9	14.0	12.2
50th Percentile	8.0	11.1	22.2	12.9	10.8
75th Percentile	6.4	7.6	17.5	11.7	9.7

Source: Morningstar Direct



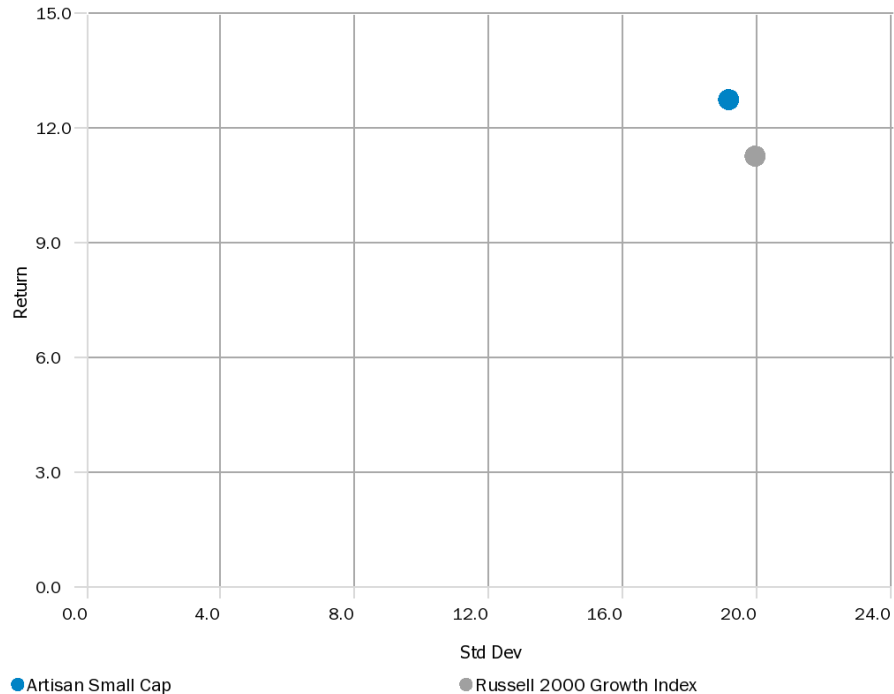
# Artisan Small Cap

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Small Cap	-43.9	44.1	20.5	7.0	17.8	42.8	-0.8	0.3	5.5	26.8	15.7	12.2	13.7	12.7
Russell 2000 Growth Index	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	22.2	9.7	10.6	13.6	11.2

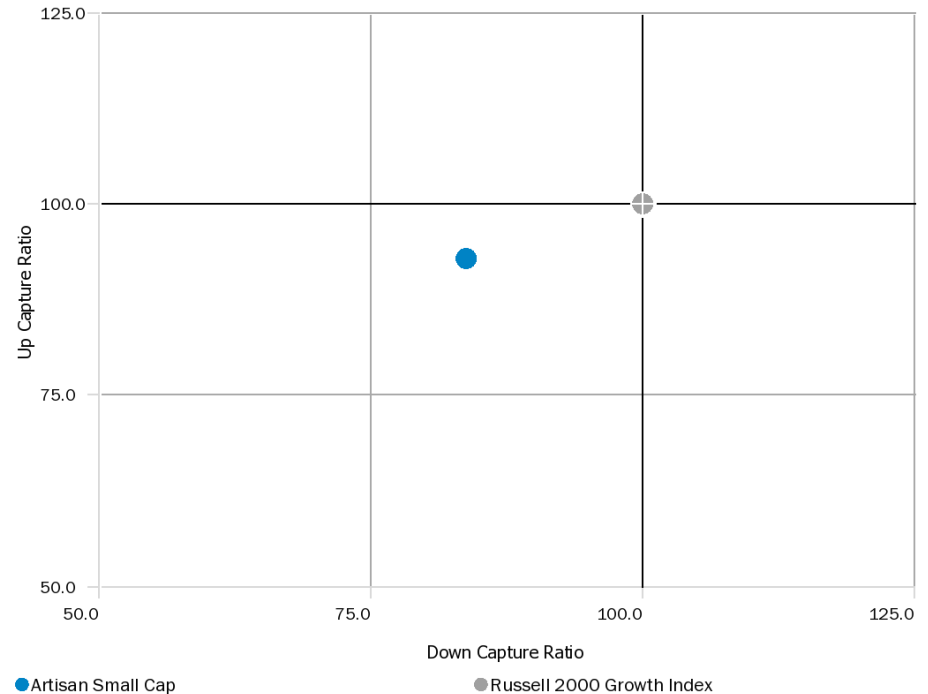
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

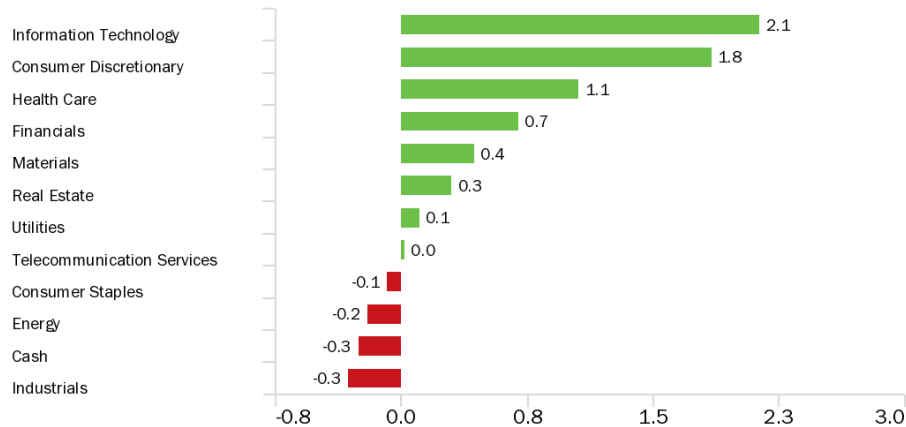


# Artisan Small Cap

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Canada Goose Holdings Inc	1.5	85.5	1.1
Q2 Holdings Inc	3.0	54.8	0.9
MuleSoft Inc A	1.6	91.7	0.8
DexCom Inc	1.9	65.5	0.8
Veeva Systems Inc Class A	3.4	39.0	0.6

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Cognex Corp	1.4	-26.9	-0.8
Take-Two Interactive Software Inc	1.2	-10.9	-0.5
Acuity Brands Inc	1.2	-34.0	-0.5
John Bean Technologies Corp	2.7	-19.6	-0.5
Ambarella Inc	0.8	-34.3	-0.5

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.9	20.5	2.9	13.5	7.1	1.0	0.0	1.8	1.8
Consumer Staples	0.6	5.6	0.0	2.5	11.7	0.3	0.0	0.0	-0.1
Energy	3.2	2.1	0.0	1.3	-3.2	0.0	0.0	-0.2	-0.2
Financials	7.1	16.2	1.1	6.1	5.9	0.4	0.0	0.7	0.7
Health Care	12.7	33.9	4.1	25.0	17.1	4.1	-0.9	1.9	1.1
Industrials	22.3	-1.1	-0.2	17.9	-1.4	-0.3	-0.5	0.2	-0.3
Information Technology	37.6	21.3	7.8	24.6	18.5	4.3	1.1	1.0	2.1
Materials	0.0		0.0	4.4	0.6	0.0	0.4	0.0	0.4
Real Estate	0.0		0.0	3.2	0.8	0.0	0.3	0.0	0.3
Telecommunication Services	0.0		0.0	0.8	8.1	0.1	0.0	0.0	0.0
Utilities	0.0		0.0	0.7	-4.8	0.0	0.1	0.0	0.1
Cash	2.7	0.9	0.0	0.0		0.0	-0.3	0.0	-0.3
Attribution Total	100.0	15.7	15.7	100.0	9.9	9.9	0.3	5.5	5.7

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

Source: Morningstar Direct



# Harbor International

As of 6/30/2018

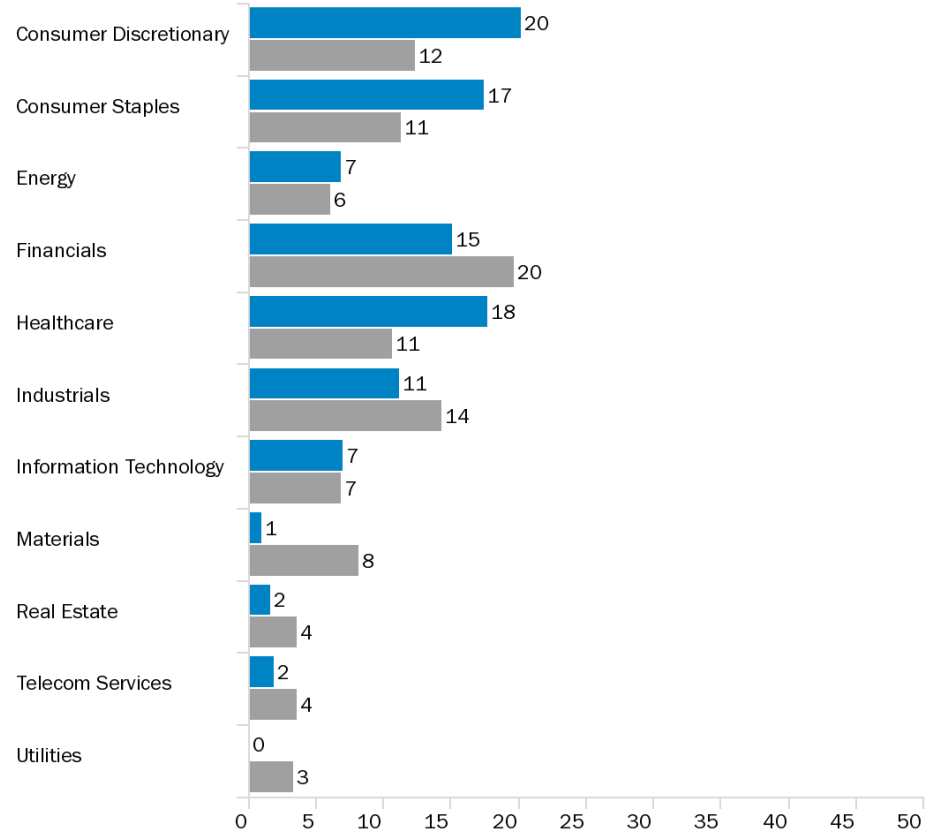
## Regional Allocation (%)

	Manager	Index
North America	16.0	0.9
Latin America Emerging	5.3	0.0
United Kingdom	13.2	17.2
Europe Developed	48.2	45.0
Europe Emerging	0.0	0.0
Africa/Middle East	1.6	0.5
Japan	12.6	24.6
Australia/New Zealand	0.0	6.6
Asia Developed	0.0	4.8
Asia Emerging	3.2	0.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Las Vegas Sands Corp	Consumer Discretionary	5.5	12.0
Schlumberger Ltd	Energy	4.4	0.9
Vivendi SA	Consumer Discretionary	3.4	-7.0
Fanuc Corp	Industrials	3.4	-16.2
Wynn Resorts Ltd	Consumer Discretionary	3.2	0.0
Alibaba Group Holding Ltd ADR	Information Technology	3.0	7.6
Reckitt Benckiser Group PLC	Consumer Staples	2.5	-10.6
Bayer AG	Health Care	2.4	-7.7
ASML Holding NV	Information Technology	2.2	14.6
Shire PLC	Health Care	2.1	7.3

## Sector Allocation (%)



■ Harbor International

■ MSCI EAFE Index

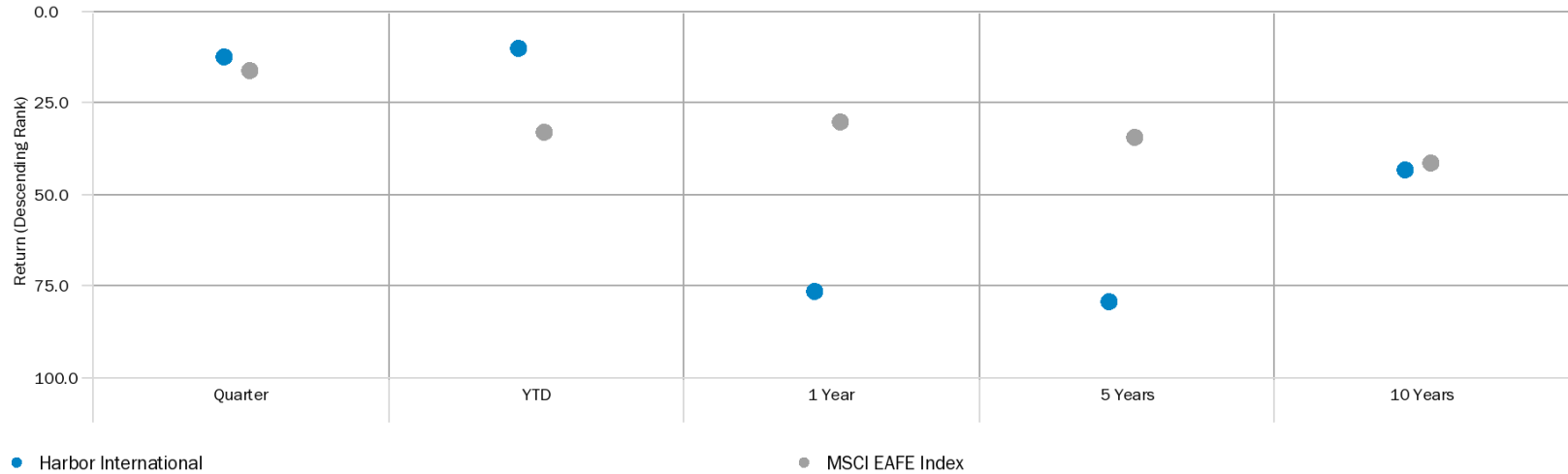
Source: Morningstar Direct



# Harbor International

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Harbor International	-0.7	-1.3	4.5	4.9	2.8
Peer group percentile	12	10	76	79	43
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	16	33	30	34	41
25th Percentile	-1.6	-2.5	7.1	6.7	3.5
50th Percentile	-2.6	-3.3	6.1	5.9	2.6
75th Percentile	-3.6	-4.3	4.6	5.1	1.7

Source: Morningstar Direct



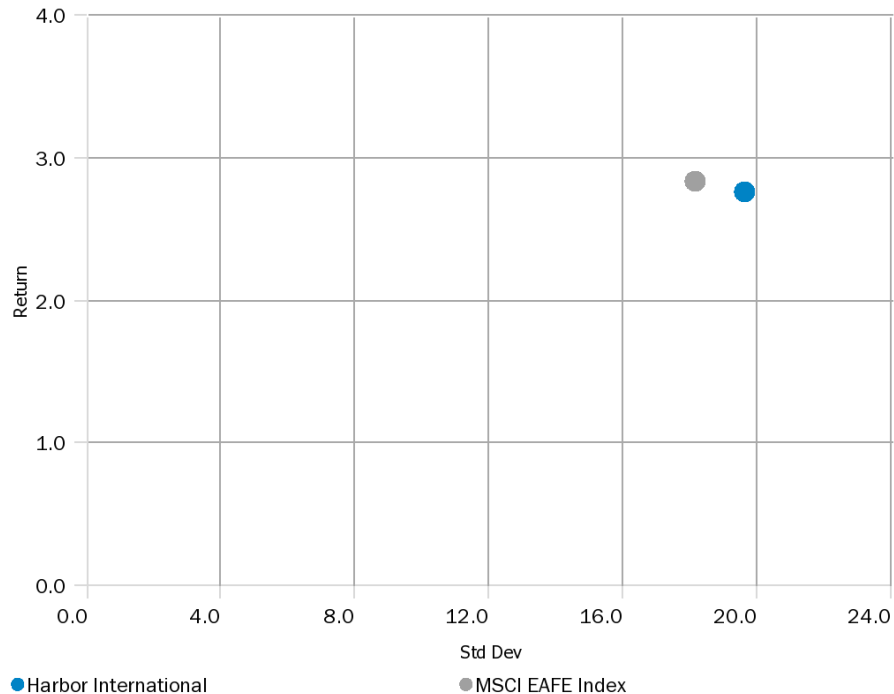
# Harbor International

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.2	22.9	-1.3	2.9	4.9	2.8
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

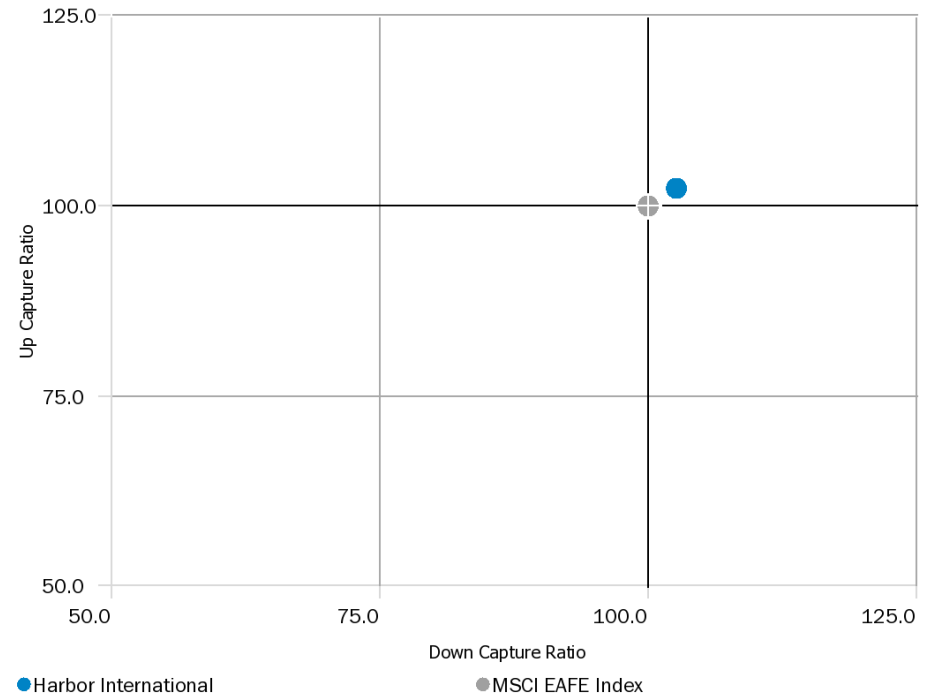
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

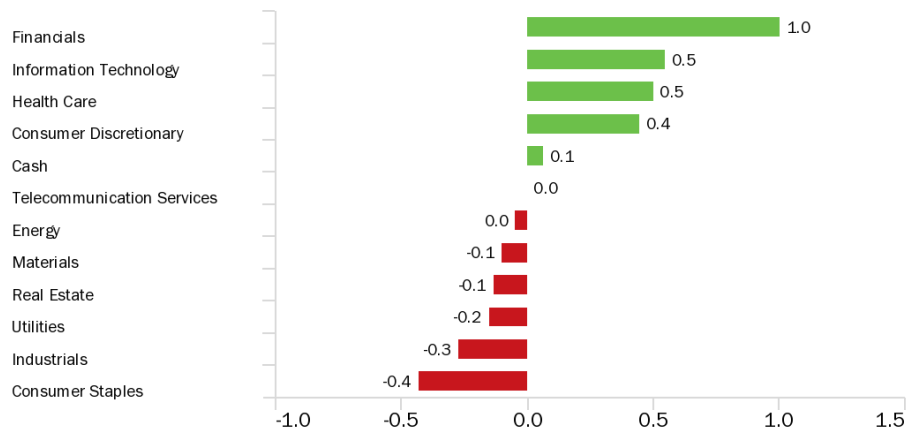


# Harbor International

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Las Vegas Sands Corp	6.5	12.1	0.8
BanColombia SA ADR	1.7	22.4	0.5
Teva Pharmaceutical Industries Ltd ADR	1.3	28.3	0.4
Rolls-Royce Holdings PLC	1.6	13.9	0.3
Deutsche Boerse AG	1.0	17.1	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Fanuc Corp	2.6	-16.4	-0.4
Schlumberger Ltd	4.3	0.9	-0.4
Cie Generale des Etablissements Michelin SA	1.8	-12.6	-0.2
Vivendi SA	3.2	-7.0	-0.2
Reckitt Benckiser Group PLC	1.9	-10.6	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	20.3	0.1	0.0	12.5	-1.8	-0.2	0.1	0.4	0.4
Consumer Staples	16.0	-4.9	-0.8	11.0	-2.2	-0.2	0.0	-0.4	-0.4
Energy	6.1	6.4	0.4	5.5	9.3	0.5	0.2	-0.2	0.0
Financials	15.7	-3.1	-0.5	21.1	-7.7	-1.6	0.3	0.7	1.0
Health Care	17.6	2.5	0.5	10.1	1.5	0.2	0.3	0.2	0.5
Industrials	10.5	-6.1	-0.7	14.5	-3.3	-0.5	0.0	-0.3	-0.3
Information Technology	7.1	9.1	0.6	6.6	1.0	0.1	0.0	0.5	0.5
Materials	1.1	-15.7	-0.2	8.2	-3.0	-0.2	0.0	-0.1	-0.1
Real Estate	2.3	-6.3	-0.2	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	1.4	-12.0	-0.3	3.8	-8.2	-0.3	0.1	-0.1	0.0
Utilities	0.0		0.0	3.2	2.3	0.1	-0.2	0.0	-0.2
Cash	1.9	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-1.0	-1.0	100.0	-2.4	-2.4	1.0	0.5	1.4

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

Source: Morningstar Direct



# Fixed Income Overview: Dodge & Cox Income

As of 3/31/2018

Portfolio Characteristics	Dodge & Cox Income	Barclays Aggregate Bond
Duration	4.2 yrs	6.1 yrs
Average Maturity	7.8 yrs	8.4 yrs
Average Quality	–	AA
Yield to Maturity	3.5%	3.1%

Maturity Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
0-1 Years	10%	0%
1-3 Years	17%	21%
3-5 Years	16%	18%
5-10 Years	41%	44%
10-20 Years	7%	4%
20+ Years	10%	12%

Sector Allocation	Dodge & Cox Income	Barclays Aggregate Bond
Cash	4%	0%
U.S. Treasury	16%	37%
Direct Agency	0%	2%
Agency Mortgages	34%	28%
Non-Agency Mortgages	6%	0%
CMBS	0%	2%
Asset-Backed	5%	1%
Investment Grade Corp.	30%	21%
Non-Investment Grade Corp.	5%	0%
Municipals	0%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	Dodge & Cox Income	Barclays Aggregate Bond
AAA	58%	72%
AA	4%	4%
A	4%	11%
BBB	28%	13%
Below Investment Grade	6%	0%
Other	0%	0%

Note: All data provided by the investment manager.

Note: Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



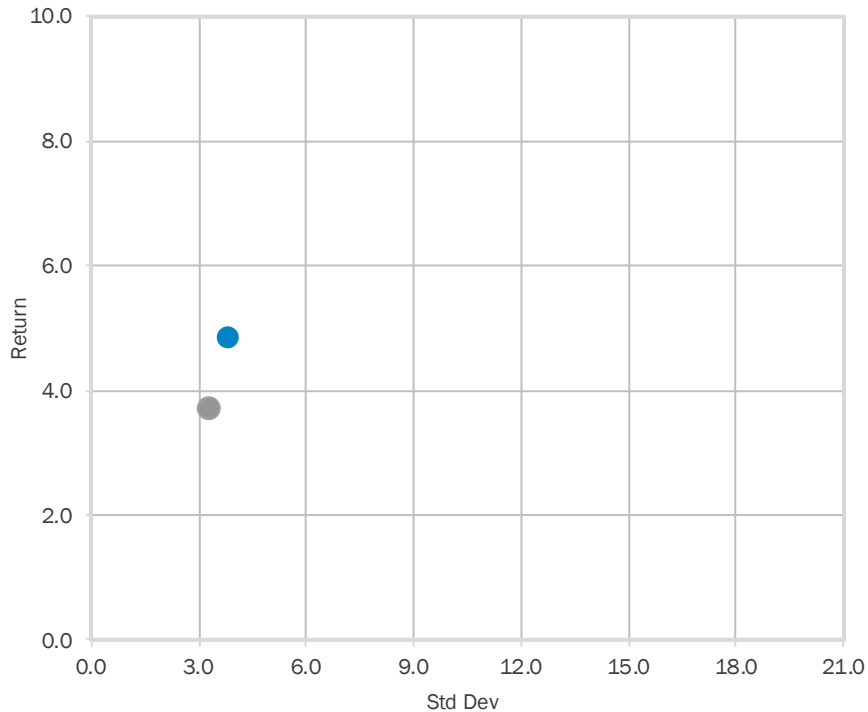
# Dodge & Cox Income Fund

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Income Fund	-0.3	16.1	7.2	4.8	7.9	0.6	5.5	-0.6	5.6	4.4	-1.2	2.6	3.1	4.9
Barclays Aggregate Index	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	3.5	-1.6	1.7	2.3	3.7

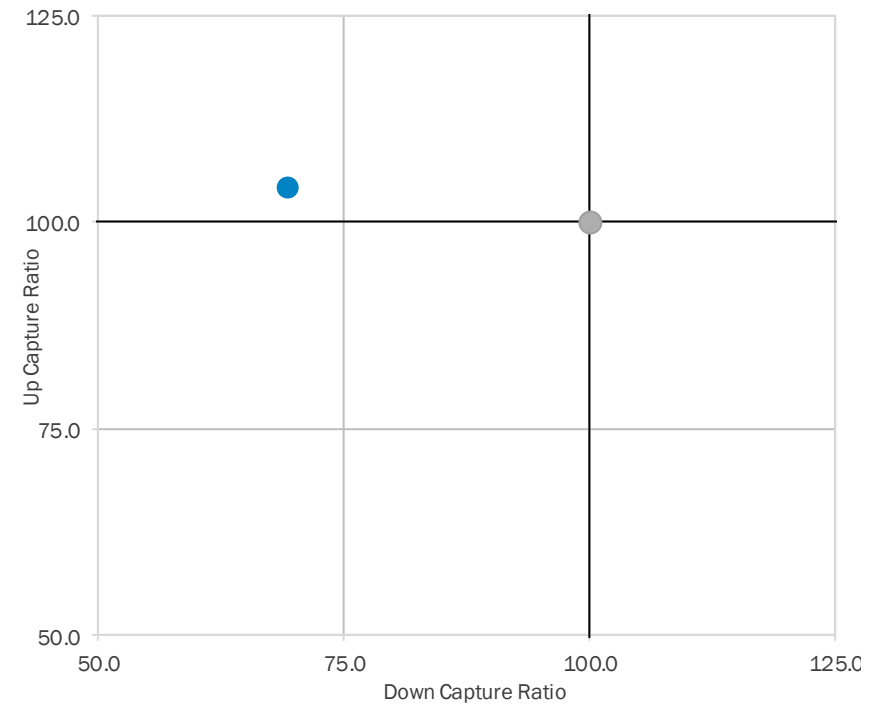
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





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# Investment Program Fee Review

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# 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	\$2.2	0.04%	\$870	1.08%
Mid Cap Value Equity	Vaughan Nelson Value Opportunity	\$0.3	1.22%	\$3,105	1.24%
Small Cap Growth	Artisan Small Cap Growth	\$0.3	1.21%	\$3,687	1.38%
International Equity	Harbor International	\$0.8	0.72%	\$5,625	1.21%
Fixed Income	Dodge & Cox Income	\$1.9	0.43%	\$8,045	0.85%
Money Market	First American Prime Obligation	\$0.0	0.40%	\$145	0.13%
<b>Total</b>		<b>\$5.4</b>	<b>0.40%</b>	<b>\$21,477</b>	<b>1.04%</b>



# 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.
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- Manager and universe returns are shown net of investment management expenses. Index returns are shown gross of investment management expenses. All figures shown are gross the fees and expenses of Ellwood.
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# Endnotes

- Greenwich Associates is an independent third-party research firm. In the 2017 U.S. Institutional Investors Study, Greenwich Associates interviewed 1,059 senior professionals at 884 of the largest tax-exempt funds in the United States with assets greater than \$150 million. Of the 1,059 interviews, 32 were with clients of Ellwood. Greenwich Quality Leaders are based on the Greenwich Quality Index which is prepared by Greenwich Associates from quantitative and qualitative client evaluations of their asset management and investment consulting providers in certain broad investment management categories, including Investment Consulting, Manager Selection, Client Service and Commercial Arrangements. Ellwood did not compensate Greenwich Associates for its inclusion in the study.
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# Second Quarter 2018 Performance Report

Bi-State Development Agency  
Division 788 A.T.U. AFL-CIO Pension Plan

A series of vertical lines of varying heights and thicknesses are positioned on the right side of the page, creating a textured, architectural background.

# Q2

The logo for ELLWOOD, with the word in blue capital letters. A small graphic of a line with a dot at the end is positioned above the 'O'. Below the word is the tagline "ADVICE. ALIGNED." in a smaller, grey font.

ELLWOOD  
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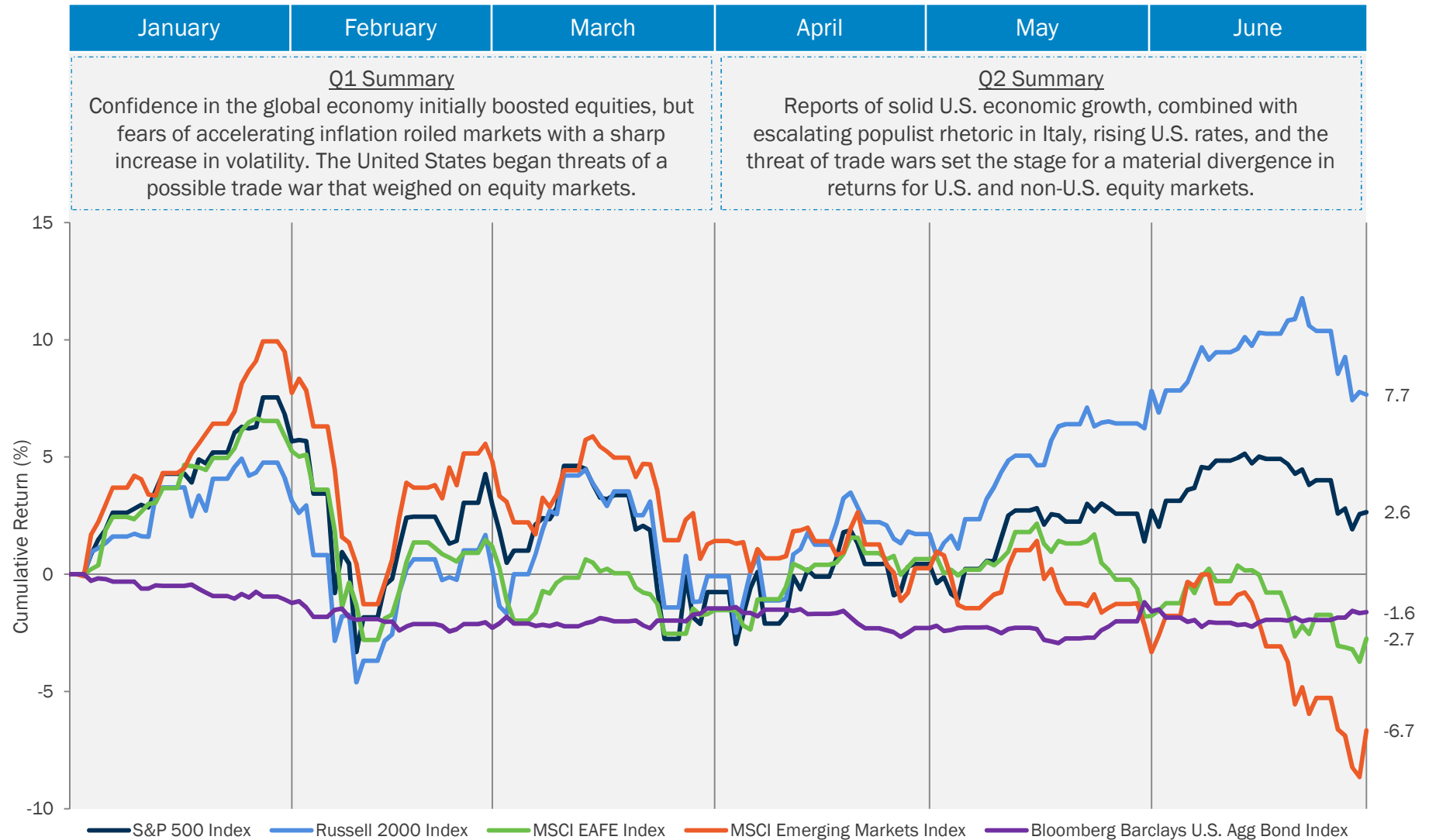
# 2<sup>nd</sup> Quarter 2018

## Capital Markets Exhibits

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# Year-To-Date Market Timeline



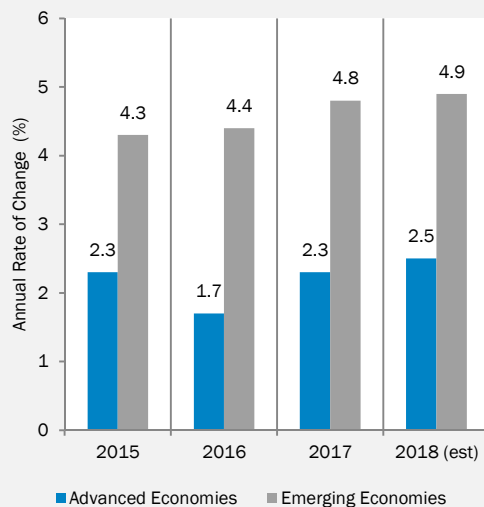


# Economic Fundamentals Remain Mostly Positive

## Real GDP Growth



- Although not uniformly robust like 2017, global GDP growth remains on steady footing with the IMF estimating global GDP to expand 3.9% in aggregate during 2018.
- PMI data softened across the Eurozone, Japan, and emerging markets while data improved in the U.S.

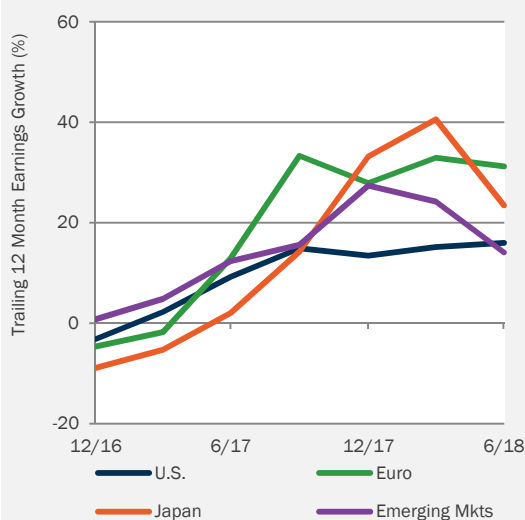


Sources: IMF World Economic Outlook, Markit

## Earnings Growth



- Earnings growth among U.S. companies steadily increased over the past year and is further supported by tax reform.
- Earnings growth among developed non-U.S. and emerging market companies have slowed from 2017's robust levels, but expectations remain positive.

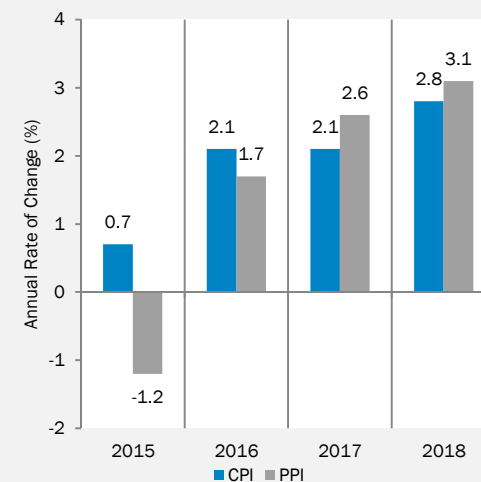


Source: MSCI

## Interest Rates and Inflation



- With the U.S. near full employment and economic growth remaining robust, inflation expectations increased.
- CPI grew near 3% over the past year and large increases in oil prices led to higher energy prices.
- The resulting increase in interest rates puts pressure on asset prices.

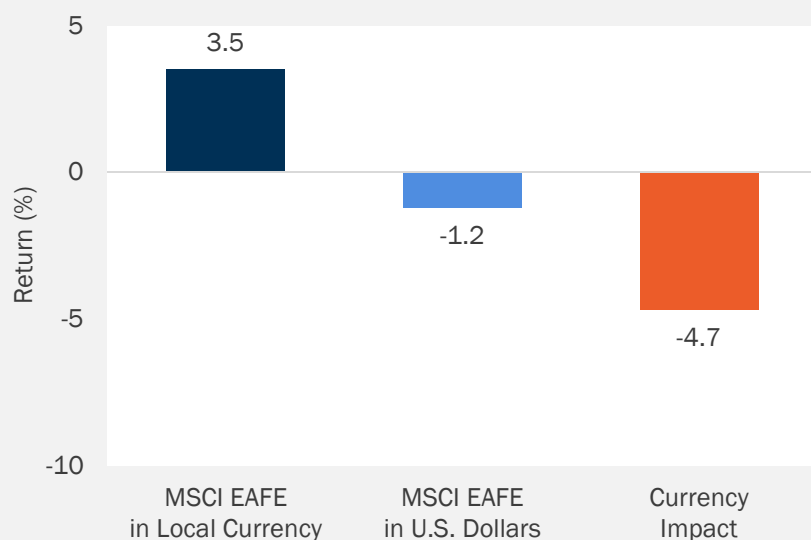


Sources: U.S. BLS; 2018 is the 12-months ending 5/31/18



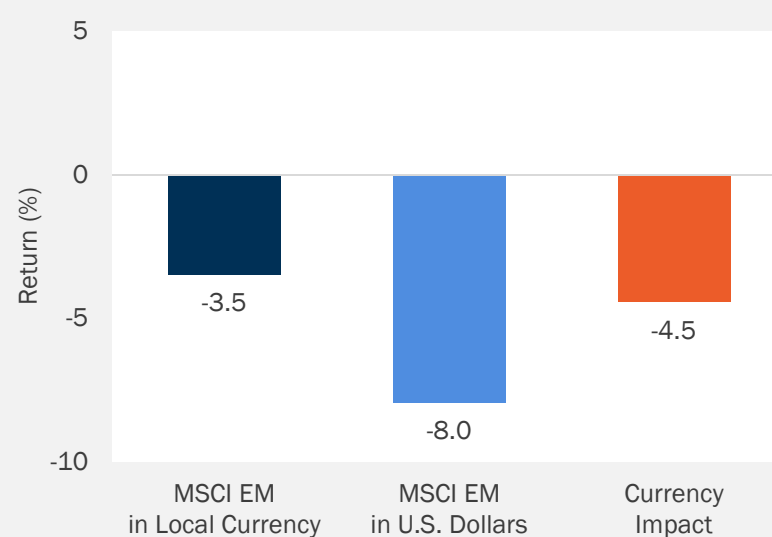
# Breadth of Global Currency Depreciation

MSCI EAFE Returns – Second Quarter



- Of the thirteen currencies represented in the MSCI EAFE index, twelve depreciated against the U.S. Dollar.

MSCI Emerging Markets Returns – Second Quarter



- Twenty-three of the twenty-four currencies in the MSCI Emerging Markets index fell against the U.S. Dollar.

- With indications of improving economic growth outlook driving an upward acceleration in U.S. inflation, expectations for a more aggressive increase of rates by the Federal Reserve broadly drove global currencies lower against the U.S. Dollar.
- Indications from the European Central Bank that it may delay interest rates increases until mid-2019, combined with political rhetoric surrounding Italian populism and Brexit, weighed on European currencies.
- Escalating trade tensions also put downward pressure on emerging market currencies, with political issues having an additional negative impact on currencies in Brazil, Russia, Turkey and South Africa.

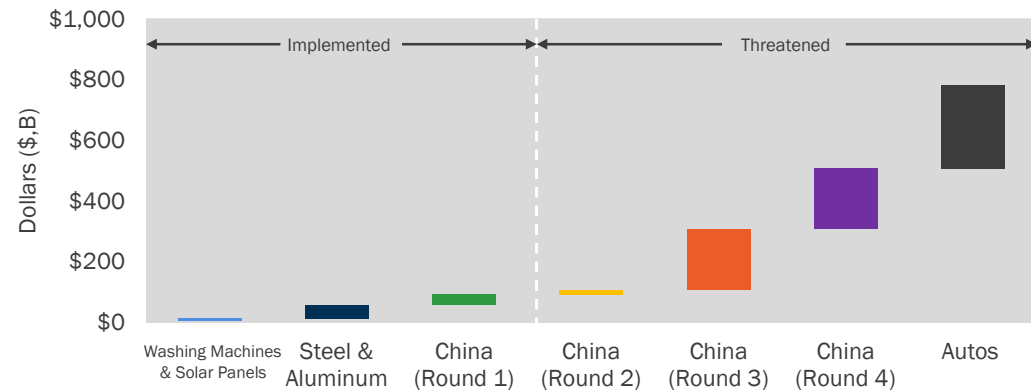


# Escalation of Trade Tensions

## Observations:

- The administration implemented tariffs on \$90 billion of exports to the U.S., including washing machines and solar panels, steel and aluminum and \$34 billion of Chinese goods.
- The impact on the global supply chain could be material if trade tensions escalate.
- Tariffs on autos could also significantly impact U.S. businesses, as auto/parts exports from Mexico and Canada contain a meaningful component of U.S. production.

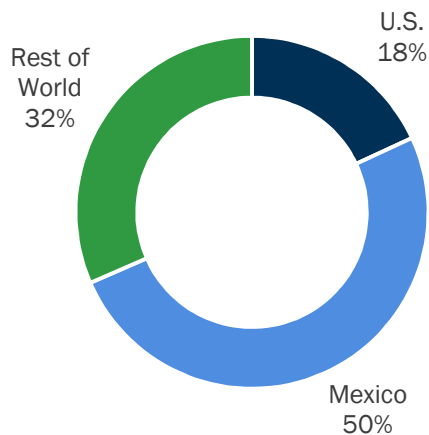
## Exports to the U.S. Subject to Tariffs - Implemented and Threatened



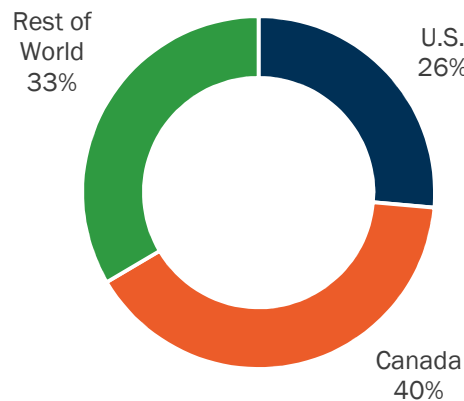
Source: Goldman Sachs, Bloomberg, L.P.

## Exports to the U.S.: Value-Added Production by Region

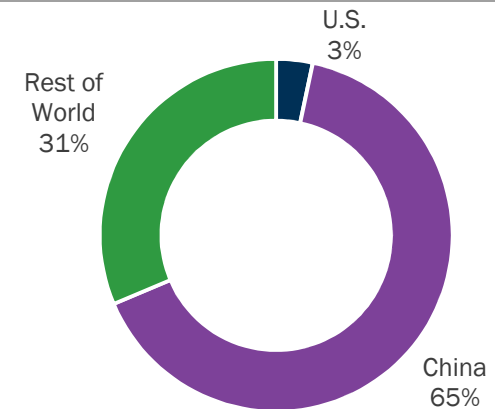
### Mexico Autos/Parts



### Canada Autos/Parts



### China All Products



Source: U.S. Department of Commerce Bureau of the Census Foreign Trade Division.



# S&P 500 Scorecard

## Sector Returns

	<u>Div. Yield<sup>(1)</sup></u>	<u>P/E Ratio<sup>(2)</sup></u>	<u>15-Yr Avg.<sup>(3)</sup></u>		
Consumer Discretionary	1.2%	22.3x	19.0x	8.2%	11.5%
Technology	1.2%	28.5x	20.9x	7.1%	10.9%
Energy	2.7%	19.4x	15.3x	13.5%	6.8%
S&P 500	1.9%	21.0x	17.4x	3.4%	2.6%
Health Care	1.7%	29.0x	20.8x	3.1%	1.8%
Real Estate	3.4%	41.6x	38.6x	6.1%	0.8%
Utilities	3.6%	17.3x	16.7x	3.7%	0.3%
Materials	2.0%	23.1x	18.9x	-3.1%	2.6%
Financials	1.8%	14.5x	14.7x	-3.2%	-4.1%
Industrials	2.0%	19.1x	18.1x	-3.2%	-4.7%
Telecom	5.7%	6.6x	19.7x	-0.9%	-8.4%
Consumer Staples	3.0%	20.2x	19.2x	-1.5%	-8.5%

■ 2<sup>nd</sup> Quarter 2018

■ Year-To-Date 2018

Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global

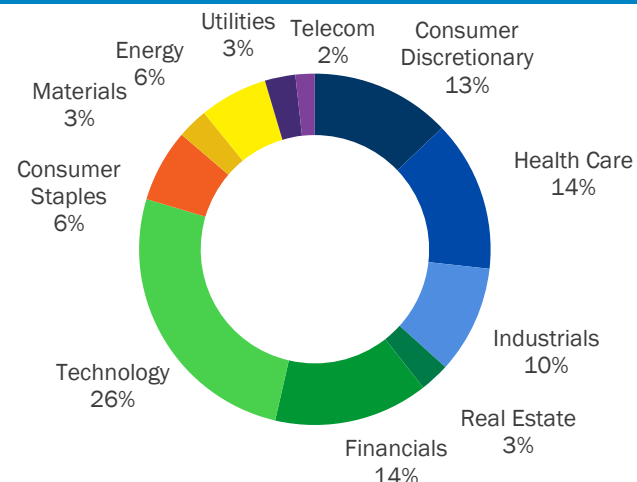
<sup>(1)</sup>Trailing 12 month Dividend Yield as of 6/30/2018.

<sup>(2)</sup>Trailing 12 month P/E as of 6/30/2018.

<sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2018.

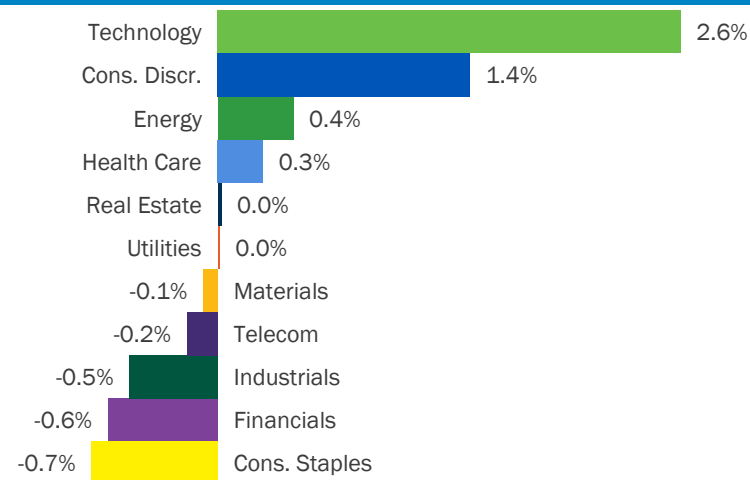
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## Sector Weights



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P

## Sector YTD Contribution



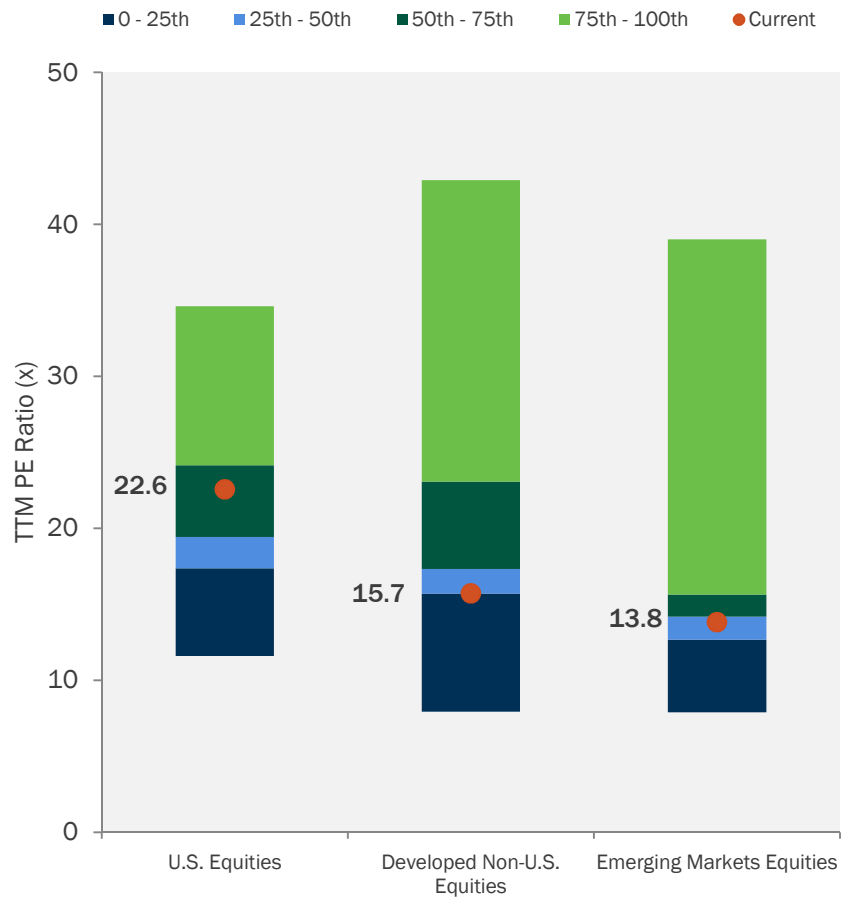
Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, GICS

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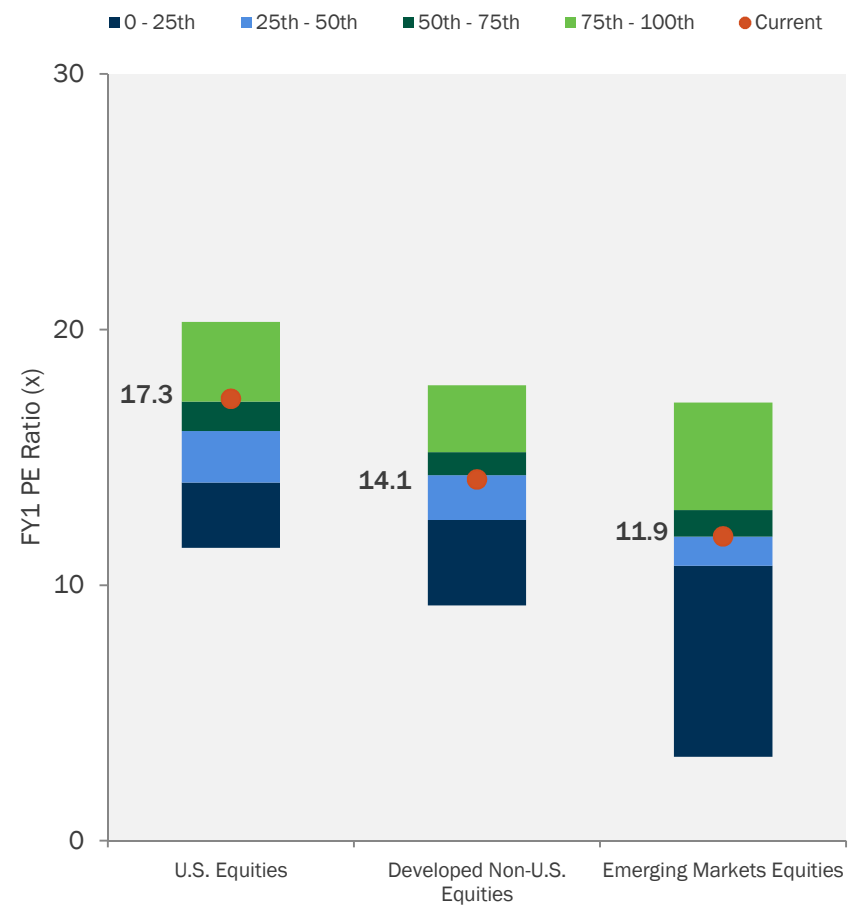


# Equity Valuations

Trailing Price to Earnings Ratio (Last 20 Years)



Forward Price to Earnings Ratio (Last 13 Years)



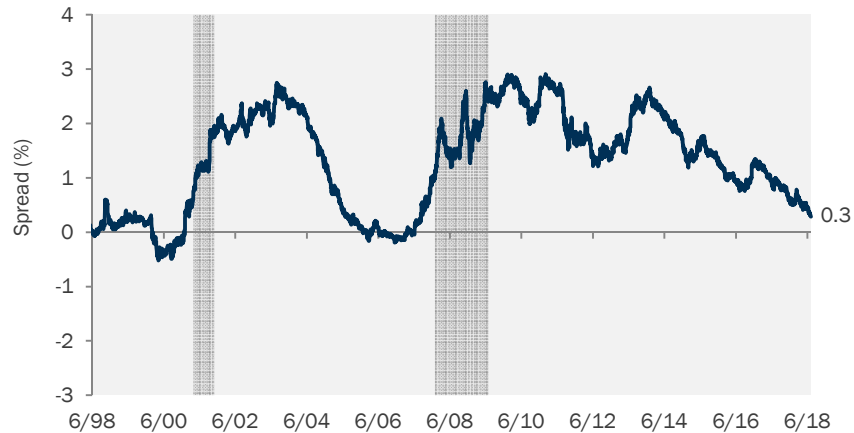
Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018

Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018



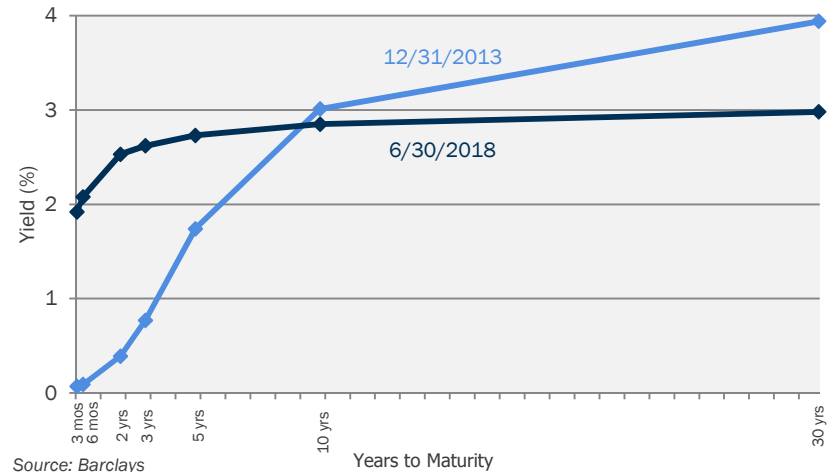
# Rates and Spreads

U.S. Treasury 2-10 Yield Spread



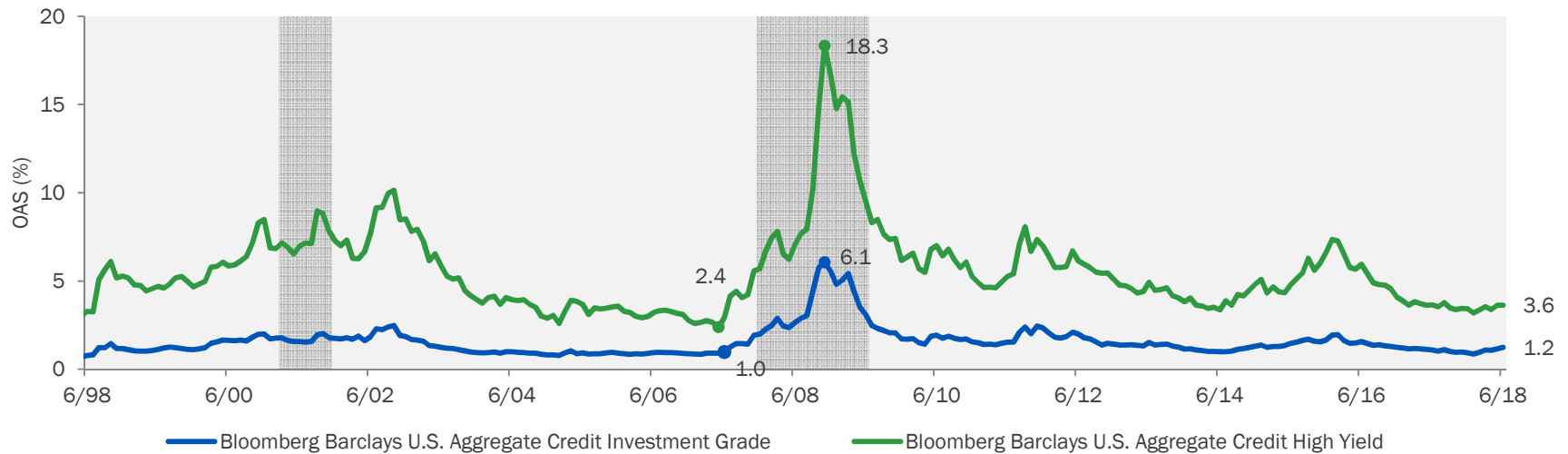
Source: Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018

U.S. Treasury Yield Curve



Source: Barclays

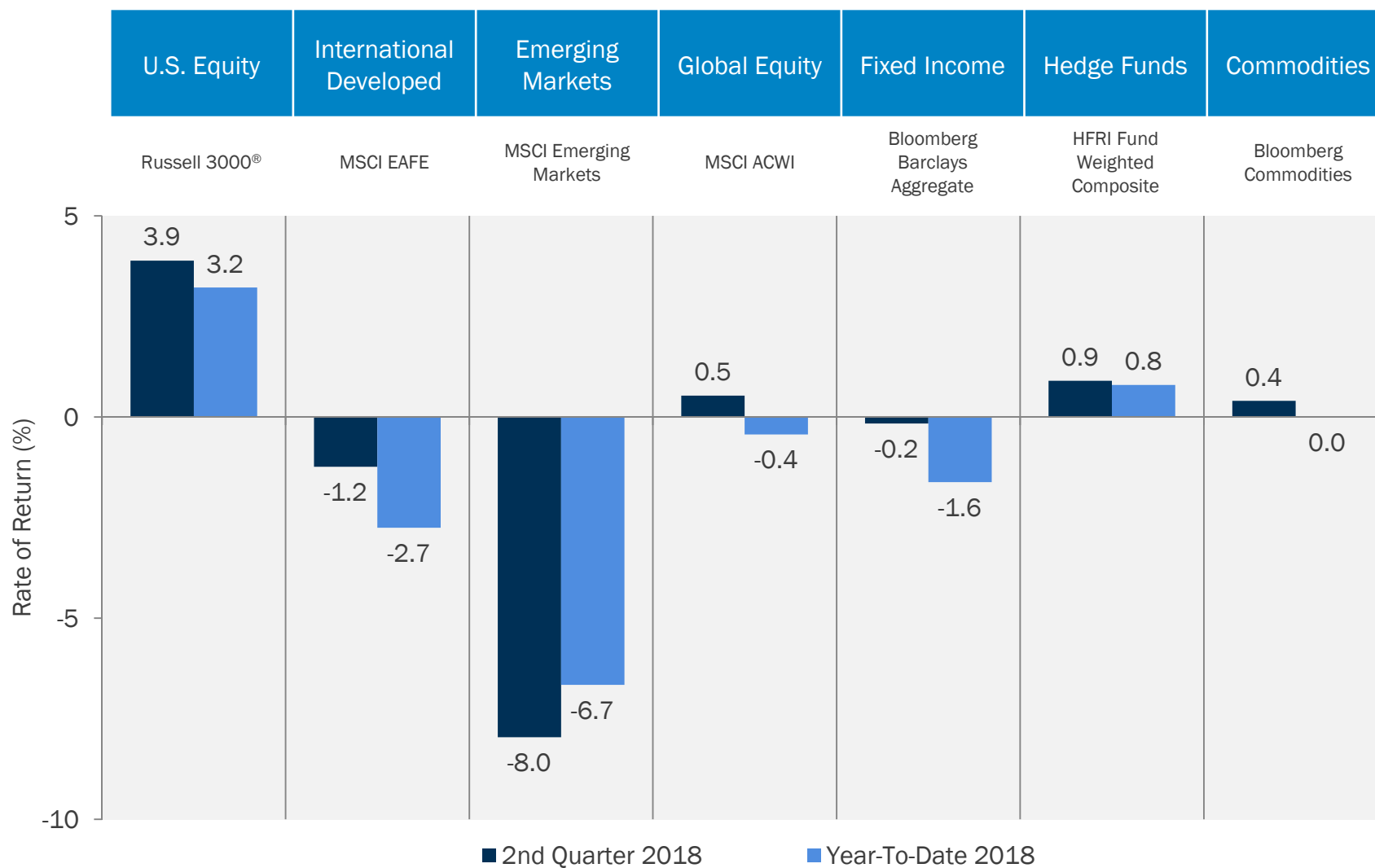
Fixed Income Spreads Relative to Treasuries (Last 20 Years)



Source: Factset, Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018



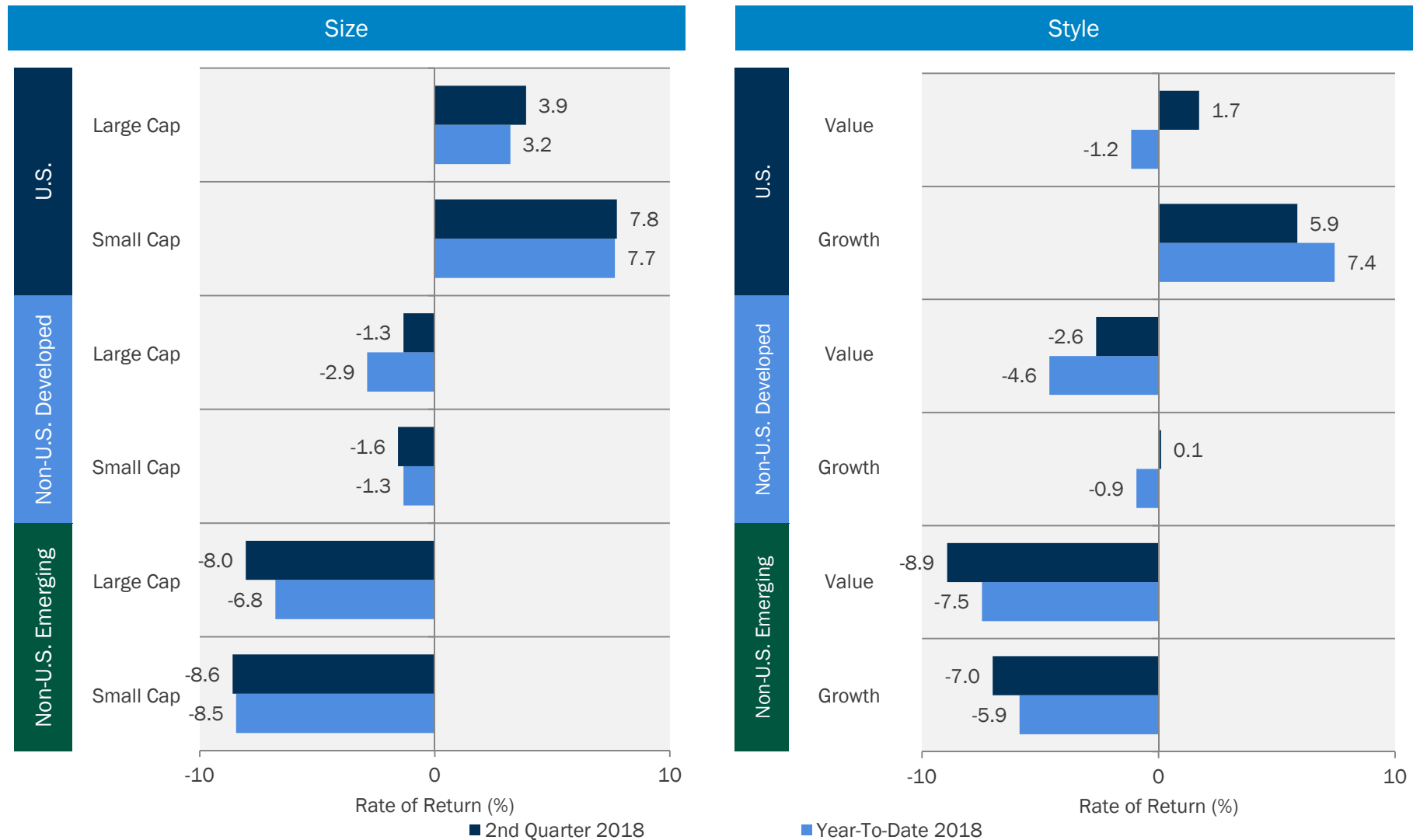
# Market Overview



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, Russell, MSCI, HFRI, Bloomberg Finance, LP



# Global Equity Factor Performance

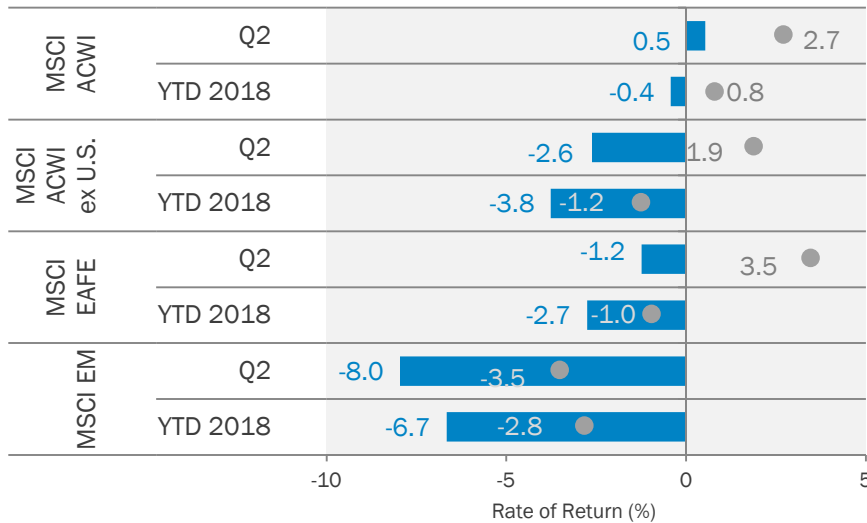


Note: Indices above are the respective size and style sub-indices of Russell, MSCI, and MSCI.  
Source: Morningstar Direct, Russell, MSCI, S&P Dow Jones Indices LLC, a division of S&P Global



# Non-U.S. / Global Equity Markets

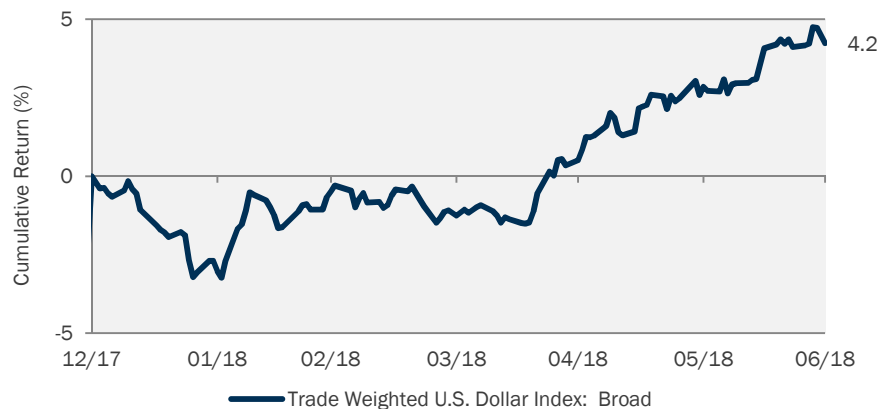
## Market Returns



Source: Morningstar Direct, MSCI

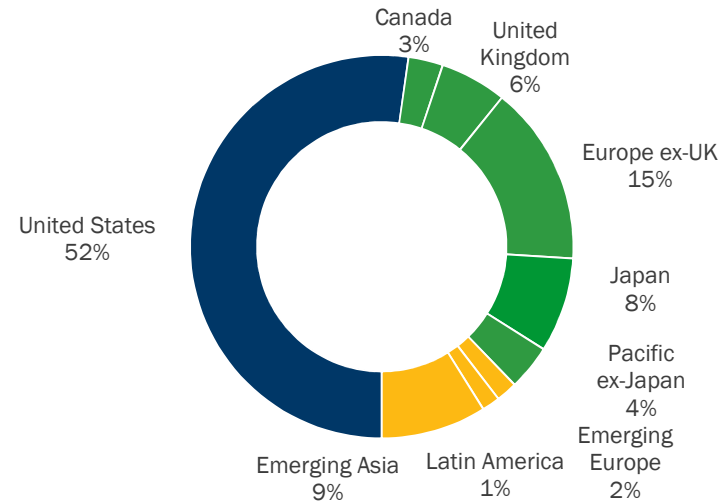
■ USD Return ● Local Return

## U.S. Dollar vs. Foreign Currencies



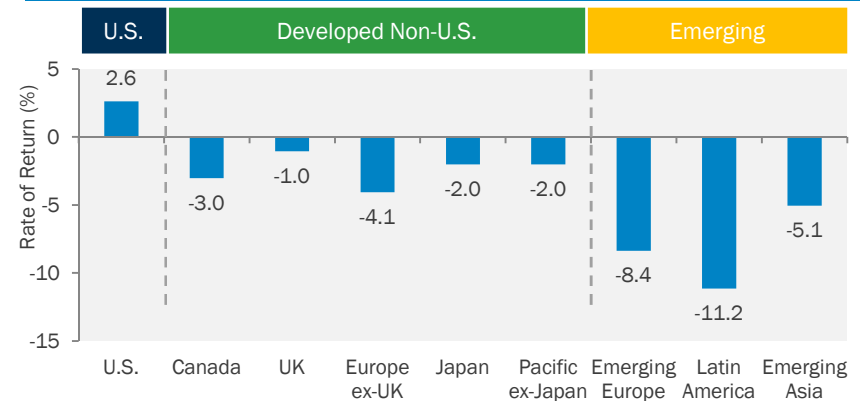
Source: Federal Reserve Board; U.S. trade-weighted index, As of 6/29/2018

## MSCI ACWI Equity Weights



Source: MSCI

## YTD Regional Market Returns (USD)



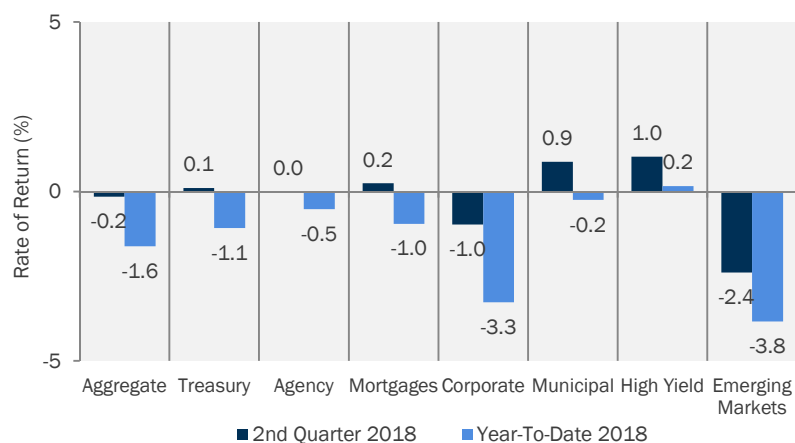
Source: Morningstar Direct, MSCI



# Fixed Income Markets

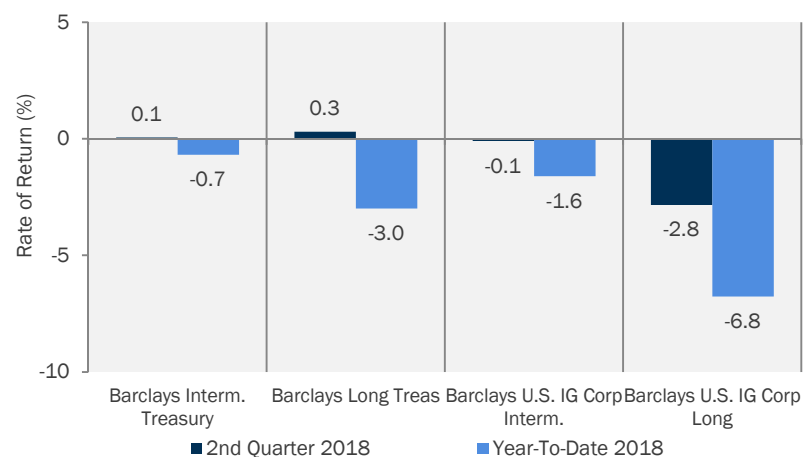
## Bond Market Returns

Returns by Sector



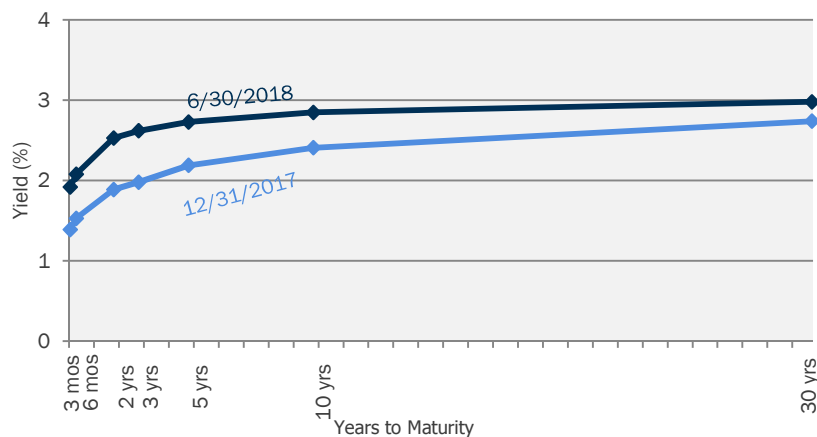
Source: Morningstar Direct

Returns by Duration



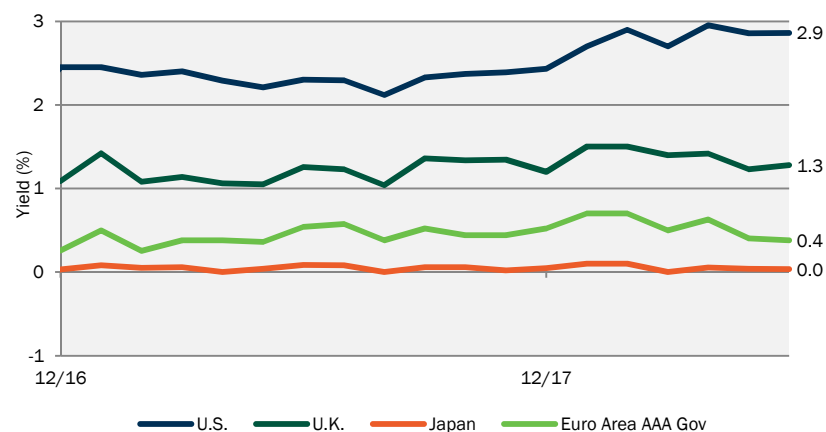
Source: Morningstar Direct

## U.S. Treasury Yield Curve



Source: Barclays

## Global Ten Year Government Spot Yields



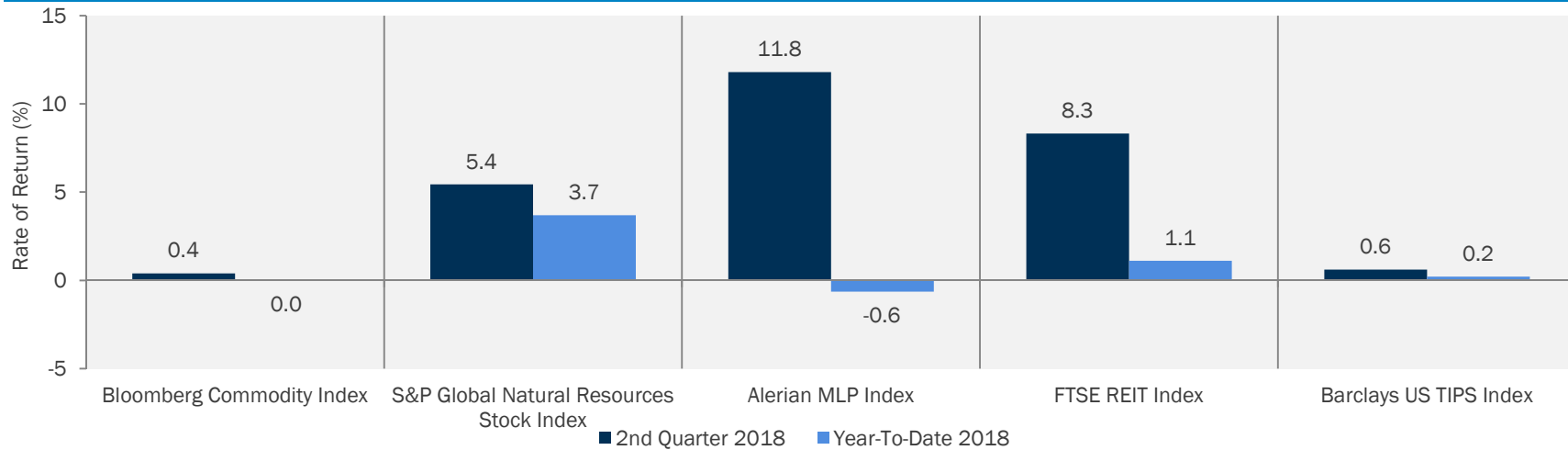
Source: Bloomberg Finance, LP

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



# Real Assets

## Asset Class Performance



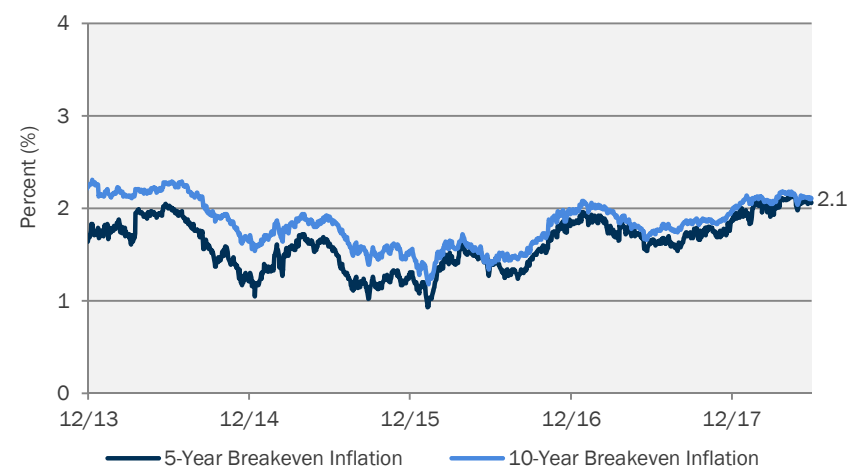
Source: Morningstar Direct, Bloomberg Finance, LP, S&P, Barclays, S&P Dow Jones Indices LLC, a division of S&P Global, Alerian, FTSE

## WTI Crude Oil Prices



Source: Bloomberg Finance, LP; As of 6/29/2018

## United States Breakeven Inflation



Source: Federal Reserve; As of 6/29/2018



# World Markets Heat Map

	Calendar Year Returns									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S. Equity										
S&P 100 Index	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	22.0%	2.0%
S&P 500 Index	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	2.6%
Russell 1000 Value Index	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	13.7%	-1.7%
Russell 1000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell 2000 Index	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	14.6%	7.7%
Russell 2000 Value Index	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	7.8%	5.4%
Russell 2000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell Micro Cap Index	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	13.2%	10.7%
Non U.S. Equity										
MSCI ACWI ex U.S. Index	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	27.2%	-3.8%
MSCI EAFE Index	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-2.7%
MSCI EAFE Small Cap Index	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	33.0%	-1.3%
MSCI Emerging Markets Index	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-6.7%
MSCI Emerging Mkts. Small Cap Index	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	33.8%	-8.5%
MSCI Frontier Markets Index	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	31.9%	-10.9%
Global										
MSCI ACWI Index	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-0.4%
Fixed Income										
Barclays US Aggregate Index	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	-1.6%
Barclays US Inv. Grade. Corp. Index	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	6.4%	-3.3%
Barclays High Yield Index	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	0.2%
Barclays US Corp Long AA+ Index	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	10.8%	-4.3%
Barclays US Treasury Long Index	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-3.0%
Barclays U.S. Municipal Bond Index	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	-0.2%
Barclays Global Agg. ex. U.S. Index	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	10.5%	-1.3%
Barclays EM Debt (Local) Gov't Index	17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	14.3%	-5.5%
Alternatives										
Bloomberg Commodity Index	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	0.0%
Bloomberg Commodity – Gold	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	12.8%	-4.6%
Bloomberg Commodity – WTI Crude Oil	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	5.1%	23.2%
Bloomberg Commodity – Agriculture	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-11.0%	-5.8%
FTSE REIT Index	27.4%	27.6%	7.3%	20.1%	3.2%	27.1%	2.3%	9.3%	9.3%	1.1%

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018

	Annualized Returns					TTM P/E	Div. Yield
	YTD	1-Yr	3-Yr	5-Yr	10-Yr		
U.S. Equity							
S&P 100 Index	2.0%	14.3%	12.0%	13.1%	10.0%	21.0x	2.1%
S&P 500 Index	2.6%	14.4%	11.9%	13.4%	10.2%	20.4x	2.0%
Russell 1000 Value Index	-1.7%	6.8%	8.3%	10.3%	8.5%	15.9x	2.6%
Russell 1000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	27.5x	1.2%
Russell 2000 Index	7.7%	17.6%	11.0%	12.5%	10.6%	18.2x	1.4%
Russell 2000 Value Index	5.4%	13.1%	11.2%	11.2%	9.9%	14.9x	2.1%
Russell 2000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	24.7x	0.7%
Russell Micro Cap Index	10.7%	20.2%	10.5%	12.8%	10.6%	16.6x	1.2%
Non U.S. Equity							
MSCI ACWI ex U.S. Index	-3.8%	7.3%	5.1%	6.0%	2.5%	14.4x	3.2%
MSCI EAFE Index	-2.7%	6.8%	4.9%	6.4%	2.8%	14.6x	3.2%
MSCI EAFE Small Cap Index	-1.3%	12.4%	10.1%	11.3%	6.8%	15.2x	2.6%
MSCI Emerging Markets Index	-6.7%	8.2%	5.6%	5.0%	2.3%	13.4x	3.1%
MSCI Emerging Mkts. Small Cap Index	-8.5%	5.6%	2.5%	4.3%	4.4%	13.2x	2.5%
MSCI Frontier Markets Index	-10.9%	1.7%	2.1%	4.5%	-2.5%	12.9x	3.4%
Global							
MSCI ACWI Index	-0.4%	10.7%	8.2%	9.4%	5.8%	17.1x	2.5%
Fixed Income						Duration	YTW
Barclays US Aggregate Index	-1.6%	-0.4%	1.7%	2.3%	3.7%	6.0	3.3%
Barclays US Inv. Grade. Corp. Index	-3.3%	-0.8%	3.1%	3.5%	5.4%	7.3	4.0%
Barclays High Yield Index	0.2%	2.6%	5.5%	5.5%	8.2%	3.9	6.5%
Barclays US Corp Long AA+ Index	-4.3%	0.3%	5.2%	5.9%	7.4%	14.1	4.0%
Barclays US Treasury Long Index	-3.0%	-0.1%	3.4%	4.5%	6.1%	17.2	3.0%
Barclays U.S. Municipal Bond Index	-0.2%	1.6%	2.9%	3.5%	4.4%	6.0	2.7%
Barclays Global Agg. ex. U.S. Index	-1.3%	2.8%	3.2%	0.9%	1.8%	7.9	0.9%
Barclays EM Debt (Local) Gov't Index	-5.5%	-0.8%	1.9%	0.5%	--	5.8	5.3%
Alternatives							
Bloomberg Commodity Index	0.0%	7.3%	-4.5%	-6.4%	-9.0%	--	--
Bloomberg Commodity - Gold	-4.6%	0.2%	1.5%	-0.1%	2.3%	--	--
Bloomberg Commodity - WTI Crude Oil	23.2%	58.9%	-8.3%	-14.0%	-17.9%	--	--
Bloomberg Commodity - Agriculture	-5.8%	-13.3%	-9.9%	-9.5%	-7.1%	--	--
FTSE REIT Index	1.1%	4.8%	9.2%	9.0%	8.5%	--	--

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018



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# Division 788 Pension Plan

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# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Total Portfolio Overview

As of June 30, 2018

### Total Fund Activity (\$, millions)

Assets as of 1/1/2018 \$139.7

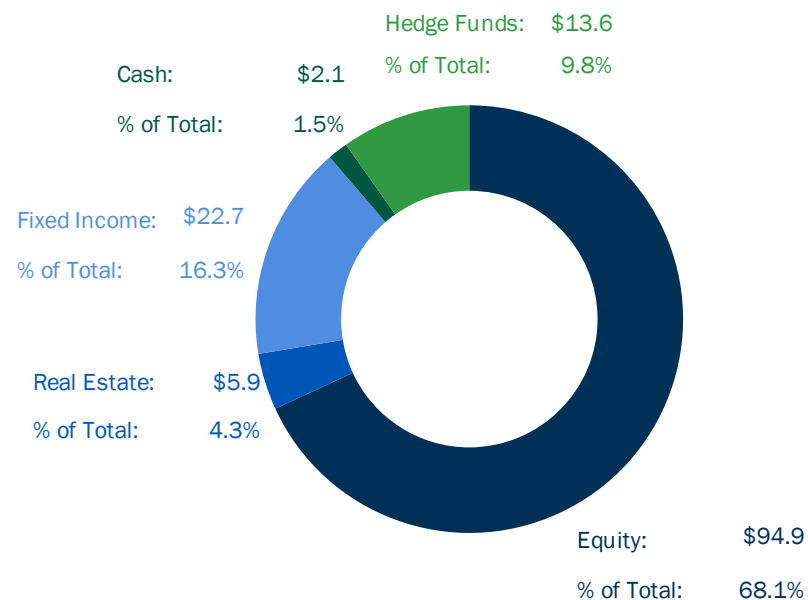
Contributions \$7.2

Withdrawals (\$8.3)

Investment Earnings \$0.7

**Assets as of 6/30/2018 \$139.3**

### Portfolio Overview (\$, millions)



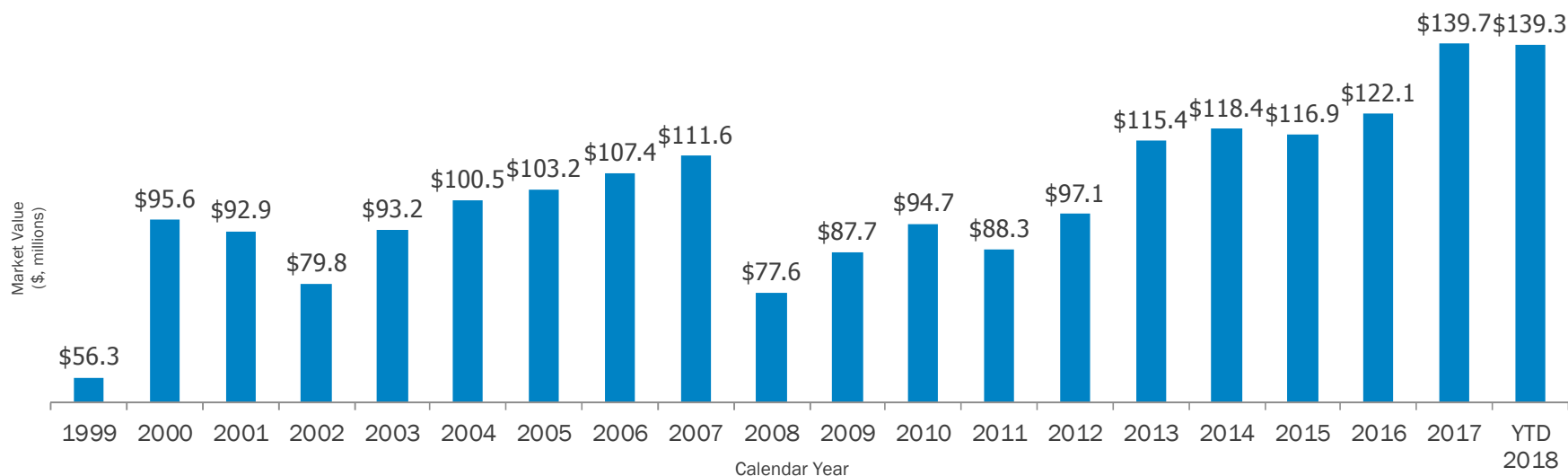
Note: Totals may not add up to 100% due to rounding.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Historical Asset Growth

As of June 30, 2018



Portfolio Cash Flows (\$, millions)					
	Quarter I	Quarter II	Quarter III	Quarter IV	YTD 2018
Beginning Assets	\$139.7	\$139.3			\$139.7
Contributions	\$3.5	\$3.7			\$7.2
Withdrawals	(\$4.0)	(\$4.3)			(\$8.3)
Investment Earnings	\$0.1	\$0.6			\$0.7
<b>Ending Assets</b>	<b>\$139.3</b>	<b>\$139.3</b>			<b>\$139.3</b>

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.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Asset Allocation Overview

As of June 30, 2018

	Current Allocation	Target Allocation	+/- Target
<b><u>Domestic Equity</u></b>			
Dodge & Cox	13.4%	12.0%	1.4%
Piedmont Market Plus	6.1%	6.0%	0.1%
Argent Large Cap Growth	13.0%	12.0%	1.0%
Artisan Mid Cap	6.2%	5.0%	1.2%
Vaughan Nelson Value	5.2%	5.0%	0.2%
<b>Total Domestic Equity</b>	<b>44.0%</b>	<b>40.0%</b>	<b>4.0%</b>
<b><u>International Equity</u></b>			
EuroPacific Growth Fund	10.4%	10.0%	0.4%
Harbor International	8.9%	10.0%	-1.1%
DFA Emerging Markets Value	4.9%	5.0%	-0.1%
<b>Total International Equity</b>	<b>24.1%</b>	<b>25.0%</b>	<b>-0.9%</b>
<b><u>Hedge Funds</u></b>			
HBK Master Fund II	4.6%	5.0%	-0.4%
Davidson Kempner Partners Fund	4.3%	5.0%	-0.7%
Och-Ziff OZ Overseas Fund II	0.9%	0.0%	0.9%
<b>Total Hedge Funds</b>	<b>9.8%</b>	<b>10.0%</b>	<b>-0.2%</b>
<b><u>Real Estate</u></b>			
Principal US Real Estate	4.3%	5.0%	-0.7%
<b>Total Real Estate</b>	<b>4.3%</b>	<b>5.0%</b>	<b>-0.7%</b>
<b><u>Fixed Income</u></b>			
MetWest Total Return	9.6%	10.0%	-0.4%
Dodge & Cox Income	6.7%	8.0%	-1.3%
Cash	1.5%	2.0%	-0.5%
<b>Total Fixed Income</b>	<b>17.8%</b>	<b>20.0%</b>	<b>-2.2%</b>
<b>Total Portfolio</b>	<b>100%</b>	<b>100%</b>	<b>-</b>

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. 75% of proceeds were received in July 2017, the remaining balance is expected back on September 30, 2018.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Total Portfolio Manager Allocation

As of June 30, 2018

	Value	Core	Growth	
U.S. Large Cap	Dodge & Cox: \$18.7 million % of Equity: 20%	Piedmont: \$8.5 million % of Equity: 9%	Argent: \$18.1 million % of Equity: 19%	= \$45.4 million % of Equity: 48%
U.S. Mid/ Small Cap	Vaughan Nelson: \$7.3 million % of Equity: 8%		Artisan: \$8.6 million % of Equity: 9%	= \$15.9 million % of Equity: 17%
Non-U.S. Developed	Harbor: \$12.3 million % of Equity: 13%		American Funds: \$14.4 million % of Equity: 15%	= \$26.8 million % of Equity: 28%
Emerging Markets	DFA: \$6.8 million % of Equity: 7%			= \$6.8 million % of Equity: 7%
				= \$94.9 million 100% of Equity
Hedge Funds	Davidson Kempner: \$6.0 million % of Hedge Funds: 44%	HBK: \$6.4 million % of Hedge Funds: 47%	Och-Ziff: \$1.2 million % of Hedge Funds: 9%	= \$13.6 million 100% of Hedge Funds
Real Estate	Principal: \$5.9 million % of Real Estate: 100%			= \$5.9 million 100% of Real Estate
	Intermediate		Cash Equivalents	
Fixed Income	MetWest: \$13.3 million % of Fixed Income: 54%	Dodge & Cox: \$9.3 million % of Fixed Income: 38%	Cash: \$2.1 million % of Fixed Income: 9%	= \$24.8 million 100% of Fixed Income
				= \$139.3 million 100% of Total Portfolio

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.

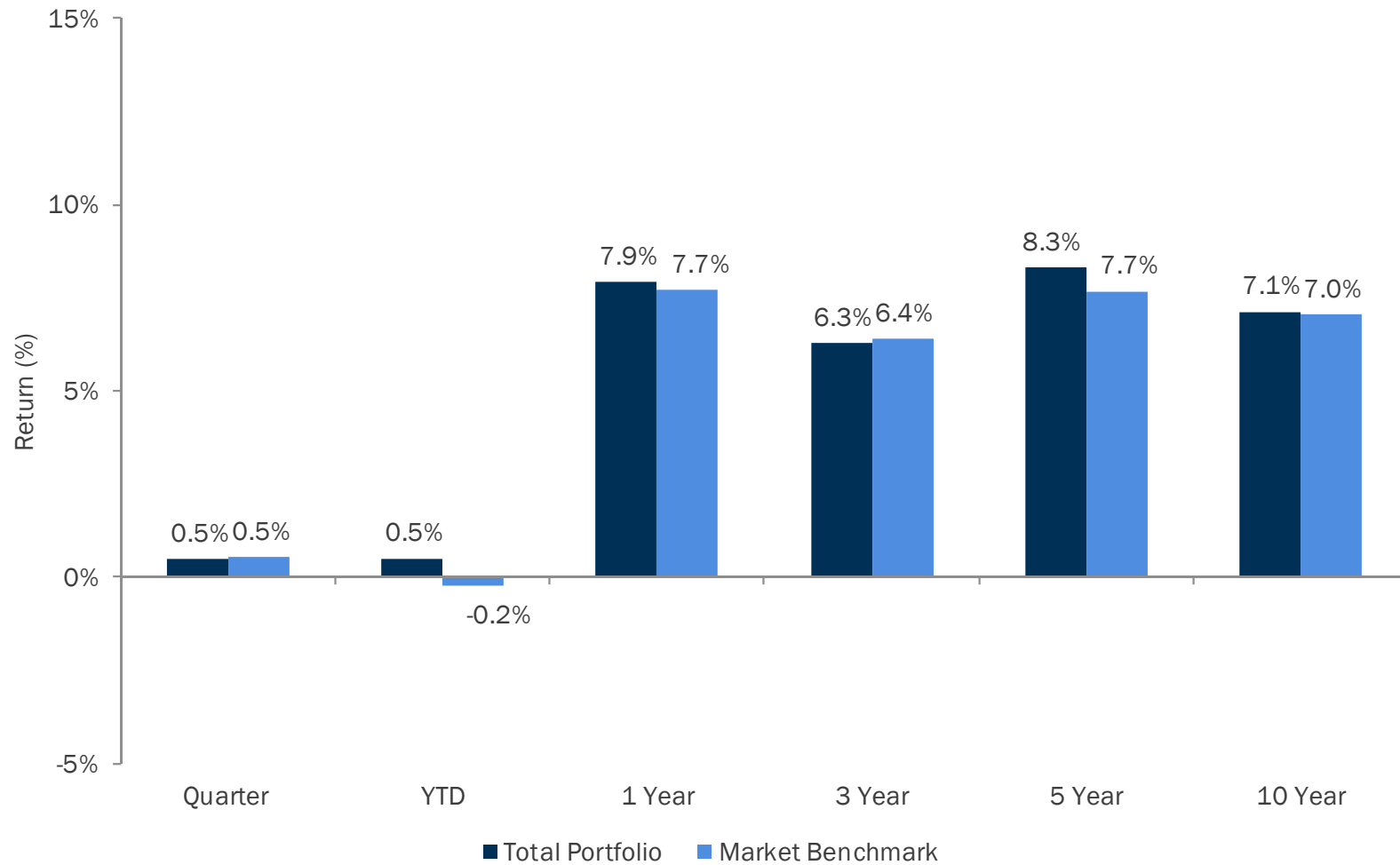
Och-Ziff is in the process of redemption. 75% of proceeds were received in July 2017, the remaining balance is expected back on September 30, 2018.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Total Portfolio Performance Overview

As of June 30, 2018



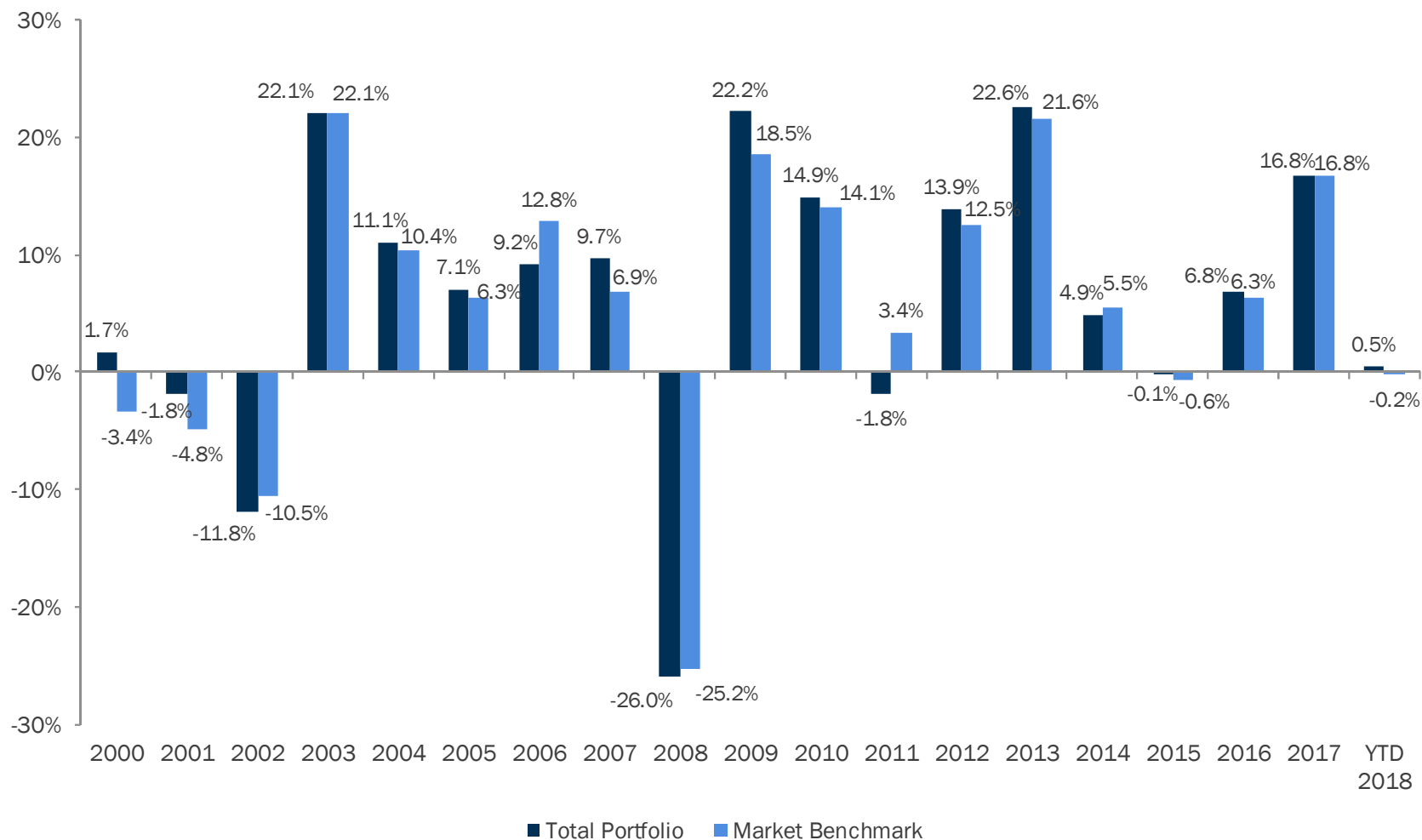
Notes: Market Benchmark is currently 65% MSCI ACWI Index, 10% HFRI FOF Conservative Index, 5% NCREIF Open-End Diversified Core Index, and 20% Barclays Aggregate Index. Prior to June 2014, the Market Benchmark was 60% Dow Jones U.S. Total Stock Market Index, 5% MSCI EAFE Index, 5% NFI Index, and 30% Barclays Aggregate Index.  
All performance data shown net of investment fees. Historical data prior to 2013 has been provided by the previous consultant.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Total Portfolio Annual Return Comparison

As of June 30, 2018



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.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Asset Class Performance Summary

As of June 30, 2018

Plan Performance	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
U.S. Equity	2.7%	2.4%	12.6%	8.8%	12.2%	–
U.S. Equity Benchmark	3.2%	2.6%	13.8%	11.1%	13.1%	–
Non-U.S. Equity	-3.5%	-2.8%	6.8%	5.0%	6.5%	–
Non-U.S. Equity Benchmark	-2.7%	-3.6%	7.1%	5.0%	6.2%	–
Hedge Funds	0.9%	2.1%	4.8%	4.3%	–	–
HFRI FOF Conservative Index	1.0%	1.5%	4.0%	1.9%	–	–
Real Estate	2.2%	4.1%	8.1%	9.3%	10.6%	–
NCREIF Open-End Diversified Core Index	2.2%	4.4%	8.6%	9.4%	11.0%	–
Fixed Income	-0.2%	-1.3%	0.1%	2.1%	2.4%	–
Barclays Aggregate Bond Index	-0.2%	-1.6%	-0.4%	1.7%	2.3%	–
Total Portfolio	0.5%	0.5%	7.9%	6.3%	8.3%	7.1%
Market Benchmark	0.5%	-0.2%	7.7%	6.4%	7.7%	7.0%

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.



# Bi-State Development Agency Division 788 A.T.U. AFL-CIO Pension Plan

## Manager Performance Summary

As of June 30, 2018

	Quarter	YTD	1 Year	3 Year	5 Year	10 Year
<b><u>U.S. Equity</u></b>						
Dodge & Cox Stock	2.8%	1.0%	11.9%	10.9%	12.8%	9.7%
Russell 1000 Value Index	1.2%	-1.7%	6.8%	8.3%	10.3%	8.5%
Peidmont Market Plus	2.3%	1.4%	16.6%	12.5%	14.4%	10.3%
S&P 500 Index	3.4%	2.6%	14.4%	11.9%	13.4%	10.2%
Argent Large Cap Growth	3.0%	4.6%	15.6%	10.4%	13.9%	10.7%
Russell 1000 Growth Index	5.8%	7.3%	22.5%	15.0%	16.4%	11.8%
Vaughan Nelson Value Opportunity	1.8%	-0.5%	8.3%	2.4%	8.9%	8.4%
Russell Midcap Value Index	2.4%	-0.2%	7.6%	8.8%	11.3%	10.1%
Artisan Mid Cap	3.6%	7.8%	12.8%	7.8%	11.5%	11.1%
Russell Midcap Growth Index	3.2%	5.4%	18.5%	10.7%	13.4%	10.5%
<b><u>Non - U.S. Equity</u></b>						
EuroPacific Growth Fund	-2.8%	-1.8%	9.3%	6.5%	8.3%	4.8%
MSCI EAFE Index	-1.2%	-2.7%	6.8%	4.9%	6.4%	2.8%
Harbor International	-0.7%	-1.3%	4.5%	2.9%	4.9%	2.8%
MSCI EAFE Index	-1.2%	-2.7%	6.8%	4.9%	6.4%	2.8%
DFA Emerging Markets Value	-9.2%	-7.2%	5.7%	6.0%	4.6%	2.1%
MSCI Emerging Markets Index	-8.0%	-6.7%	8.2%	5.6%	5.0%	2.3%
<b><u>Hedge Funds</u></b>						
HBK	1.0%	1.7%	4.4%	3.1%	3.7%	4.8%
HFRI Fund Weighted Composite Index	0.9%	0.8%	5.7%	3.6%	4.4%	3.4%
Davidson Kempner	0.6%	2.0%	4.3%	5.1%	5.1%	5.7%
HFRI Fund Weighted Composite Index	0.9%	0.8%	5.7%	3.6%	4.4%	3.4%
Och-Ziff	2.1%	4.4%	7.3%	4.6%	6.0%	6.3%
HFRI Fund Weighted Composite Index	0.9%	0.8%	5.7%	3.6%	4.4%	3.4%
<b><u>Real Estate</u></b>						
Principal US Real Estate	2.2%	4.1%	8.1%	9.3%	10.6%	4.6%
NCREIF Open-End Diversified Core Index	2.2%	4.4%	8.6%	9.4%	11.0%	5.3%
<b><u>Fixed Income</u></b>						
MetWest Total Return	-0.1%	-1.4%	-0.2%	1.6%	2.5%	5.5%
Barclays Aggregate Bond Index	-0.2%	-1.6%	-0.4%	1.7%	2.3%	3.7%
Dodge & Cox Income	-0.3%	-1.2%	0.4%	2.6%	3.1%	4.9%
Barclays Aggregate Bond Index	-0.2%	-1.6%	-0.4%	1.7%	2.3%	3.7%

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.



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# Manager Performance Review

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# Dodge & Cox Stock

As of 6/30/2018

## Portfolio Statistics

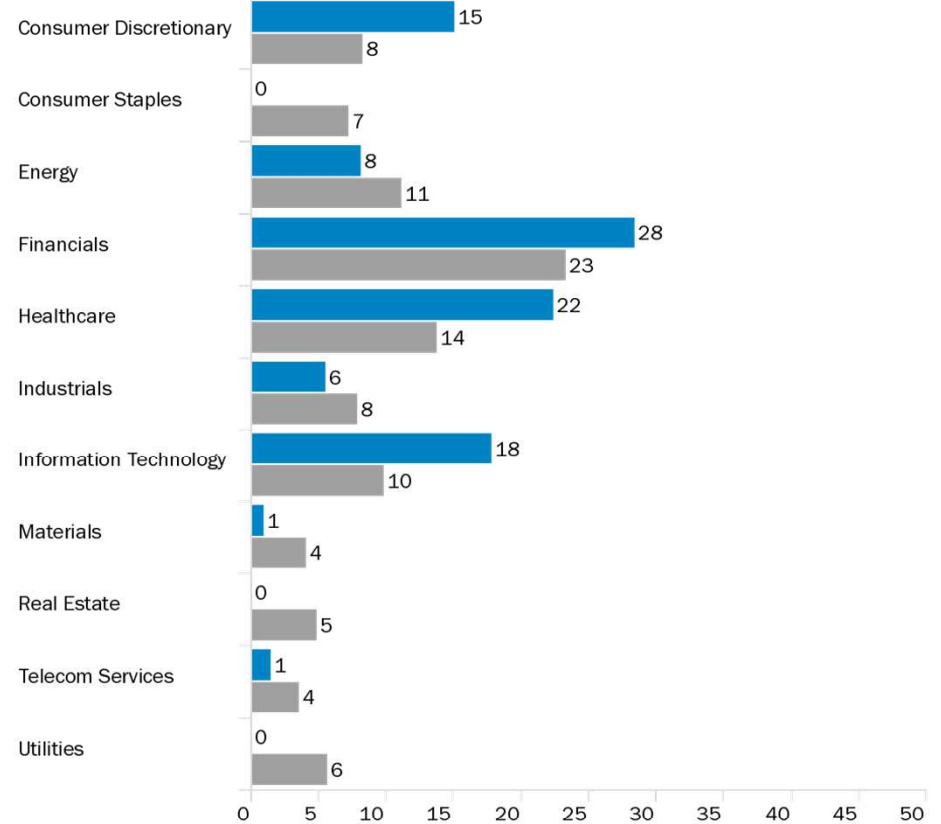
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	142.7	116.2
P/E Ratio	16.4	16.2
P/B Ratio	2.1	2.0
Dividend Yield (%)	1.8	2.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Charles Schwab Corp	Financials	4.0	-0.1
Capital One Financial Corp	Financials	3.7	-6.9
Wells Fargo & Co	Financials	3.6	-7.3
Bank of America Corporation	Financials	3.6	-3.7
Microsoft Corp	Information Technology	3.1	16.3
Comcast Corp Class A	Consumer Discretionary	3.1	-17.2
Charter Communications Inc A	Consumer Discretionary	2.8	-12.7
Alphabet Inc C	Information Technology	2.8	6.6
Time Warner Inc	Consumer Discretionary	2.6	3.8
JPMorgan Chase & Co	Financials	2.6	-1.5

## Sector Allocation (%)



■ Dodge & Cox Stock

■ Russell 1000 Value Index

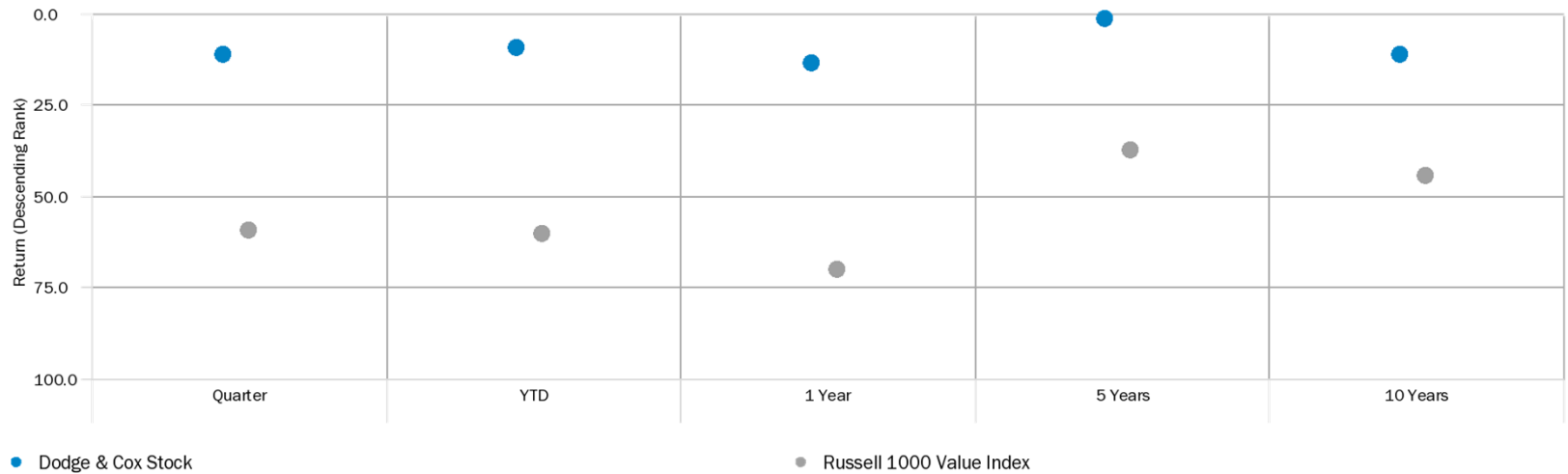
Source: Morningstar Direct



# Dodge & Cox Stock

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Dodge & Cox Stock	2.8	1.0	11.9	12.8	9.7
Peer group percentile	11	9	13	1	11
Russell 1000 Value Index	1.2	-1.7	6.8	10.3	8.5
Peer group percentile	59	60	70	37	44
25th Percentile	2.2	-0.3	10.4	10.8	9.2
50th Percentile	1.4	-1.3	8.4	9.9	8.3
75th Percentile	0.5	-2.2	6.4	9.0	7.3

Source: Morningstar Direct



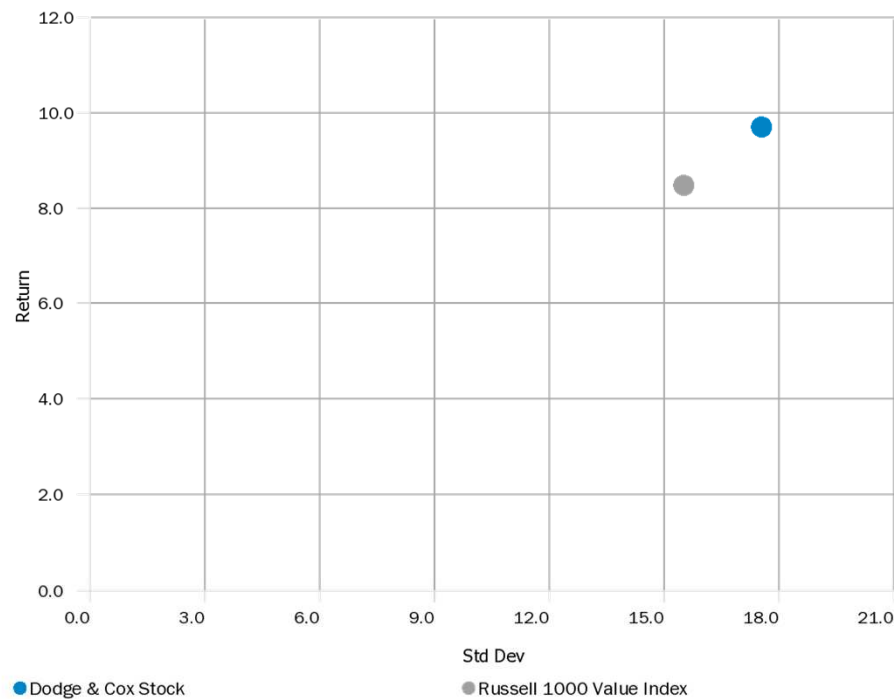
# Dodge & Cox Stock

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Stock	-43.3	31.3	13.5	-4.1	22.0	40.5	10.4	-4.5	21.3	18.3	1.0	10.9	12.8	9.7
Russell 1000 Value Index	-36.8	19.7	15.5	0.4	17.5	32.5	13.5	-3.8	17.3	13.7	-1.7	8.3	10.3	8.5

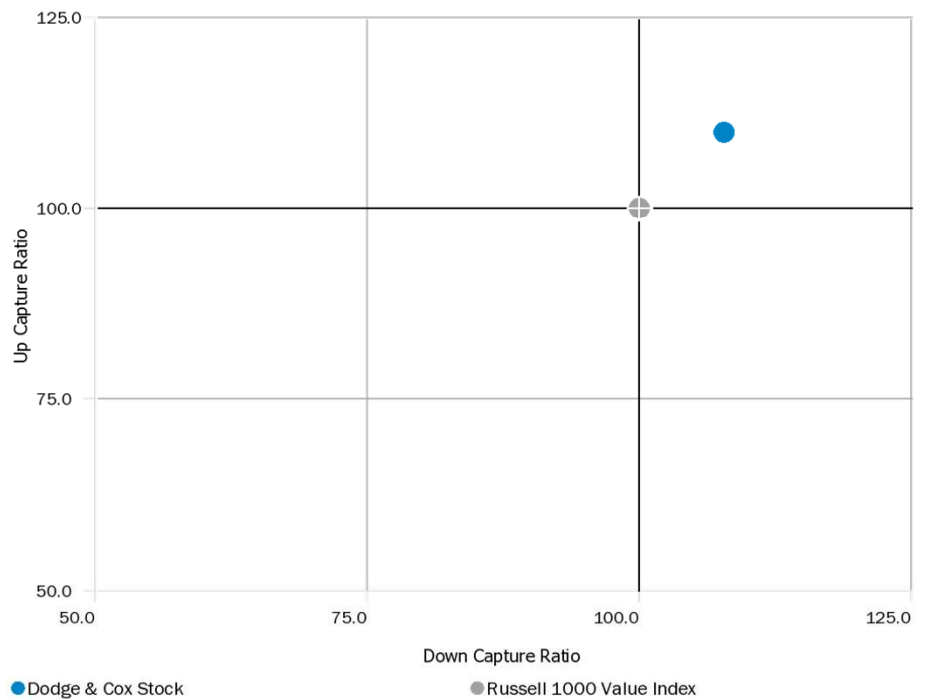
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

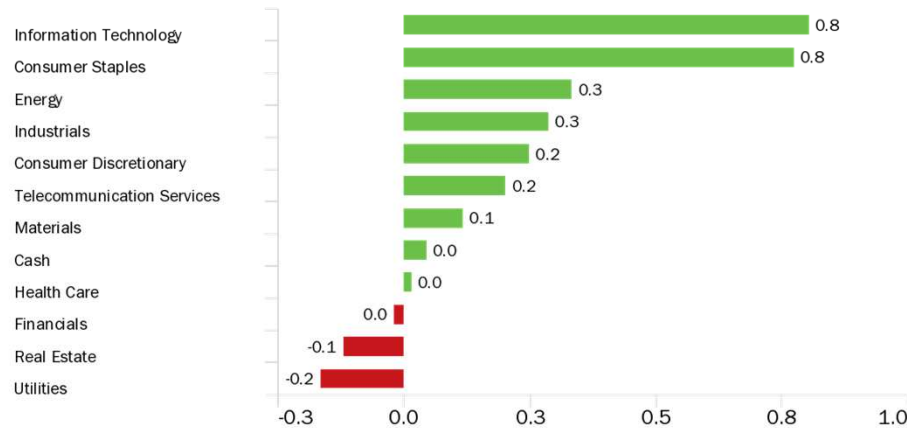


# Dodge & Cox Stock

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Twenty-First Century Fox Inc Class A	1.9	44.6	0.7
Anadarko Petroleum Corp	2.1	37.6	0.5
Microsoft Corp	3.1	16.3	0.3
GlaxoSmithKline PLC ADR	1.7	17.2	0.2
Union Pacific Corp	1.4	6.8	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Comcast Corp Class A	2.9	-17.3	-0.6
Charter Communications Inc A	2.5	-12.7	-0.3
Micro Focus International PLC ADR	0.5	-48.0	-0.3
Cigna Corp	1.6	-16.3	-0.3
DISH Network Corp Class A	0.5	-29.6	-0.2

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.6	2.6	0.2	6.7	1.2	0.1	0.1	0.1	0.2
Consumer Staples	0.2	-9.4	0.0	7.5	-11.7	-0.9	0.8	0.0	0.8
Energy	8.3	15.7	1.3	11.1	7.8	0.9	-0.2	0.6	0.3
Financials	28.4	-4.5	-1.3	27.1	-4.6	-1.2	0.0	0.0	0.0
Health Care	22.3	-0.5	-0.1	14.2	0.2	0.0	0.2	-0.2	0.0
Industrials	5.3	-4.9	-0.3	8.2	-7.3	-0.6	0.2	0.1	0.3
Information Technology	18.0	6.1	1.1	9.0	5.0	0.4	0.6	0.2	0.8
Materials	1.0	4.7	0.0	3.0	-3.5	-0.1	0.0	0.1	0.1
Real Estate	0.0		0.0	4.6	0.6	0.0	-0.1	0.0	-0.1
Telecommunication Services	1.5	-4.5	-0.1	2.8	-9.7	-0.3	0.1	0.1	0.2
Utilities	0.0		0.0	5.8	1.0	0.1	-0.2	0.0	-0.2
Cash	1.2	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.8	0.8	100.0	-1.7	-1.7	1.5	1.0	2.5

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

Source: Morningstar Direct



# Piedmont Market Plus

As of 6/30/2018

## Portfolio Statistics

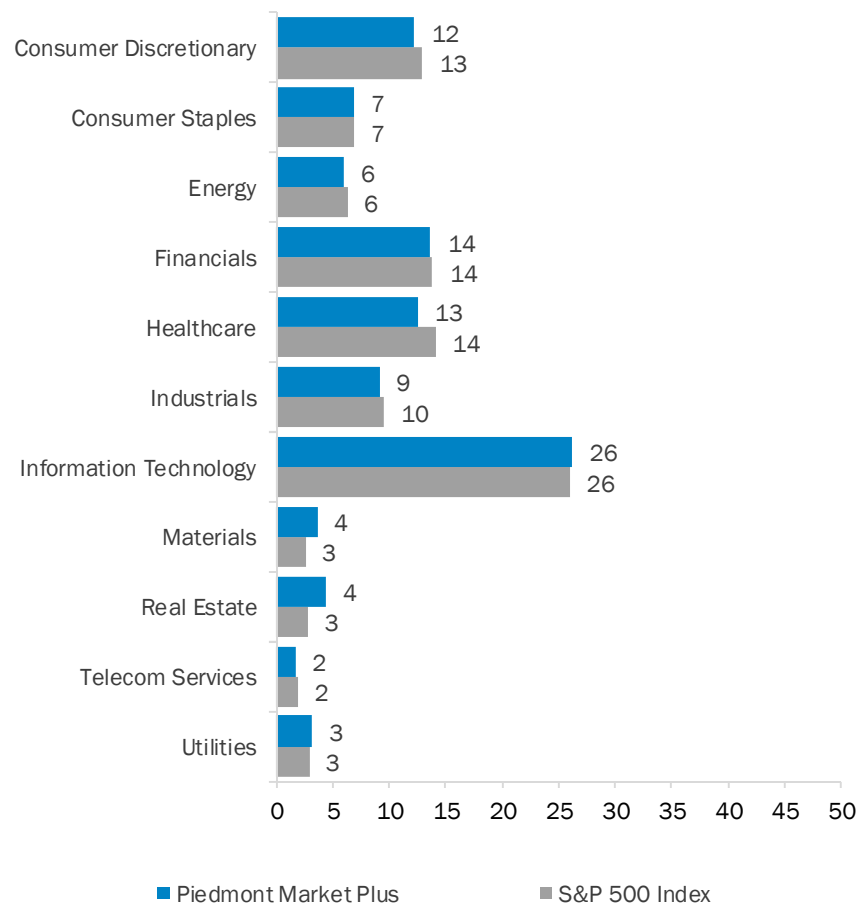
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	206.8	217.5
P/E Ratio	18.2	21.0
P/B Ratio	3.0	3.2
Dividend Yield (%)	2.1	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Microsoft Corporation	Information Technology	4.3%	16.3%
Apple Inc.	Information Technology	3.7%	10.2%
Amazon.com, Inc.	Consumer Discretionary	3.5%	45.3%
Facebook, Inc. Class A	Information Technology	2.9%	10.1%
Alphabet Inc. Class A	Information Technology	2.4%	7.2%
Johnson & Johnson	Health Care	2.2%	-12.0%
Pfizer Inc.	Health Care	2.0%	2.1%
Cisco Systems, Inc.	Information Technology	1.9%	14.1%
Boeing Company	Industrials	1.8%	14.9%
Bank of America Corp	Financials	1.8%	-3.7%

## Sector Allocation (%)



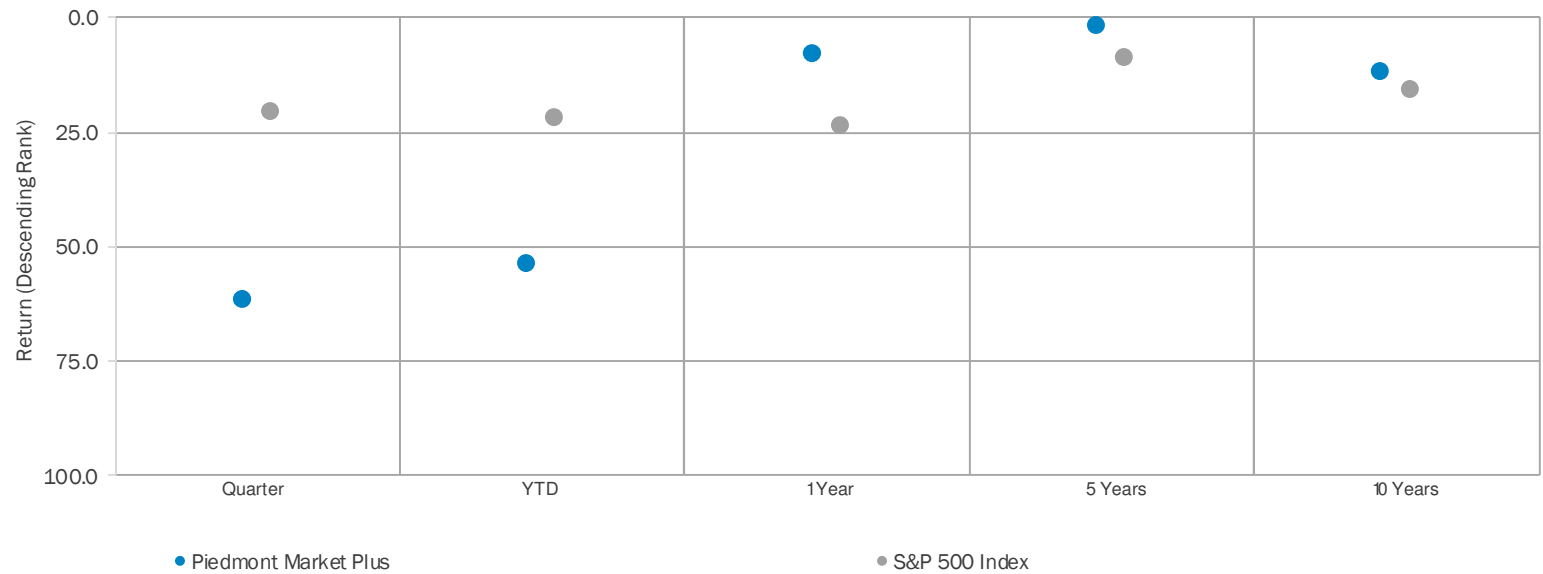
Source: FactSet



# Piedmont Market Plus

As of 6/30/2018

Peer Group: Open End Funds - U.S. - Large Cap Core



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Piedmont Market Plus	2.3	1.4	16.6	14.4	10.3
Peer group percentile	62	54	8	2	12
S&P 500 Index	3.4	2.6	14.4	13.4	10.2
Peer group percentile	21	22	24	9	16
25th Percentile	3.4	2.6	14.3	12.9	9.9
50th Percentile	2.7	1.6	12.8	12.0	9.2
75th Percentile	1.6	-0.2	9.9	10.6	8.2



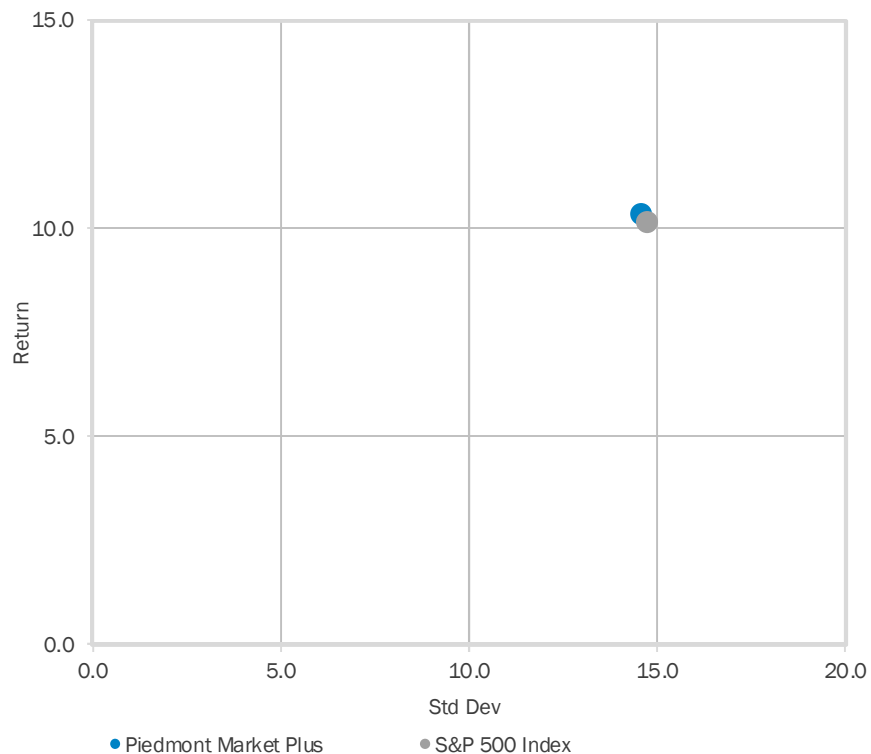
# Piedmont Market Plus

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Piedmont Market Plus	-37.7	24.0	13.0	2.9	15.4	32.2	16.5	1.7	12.4	25.2	1.4	12.5	14.4	10.3
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2

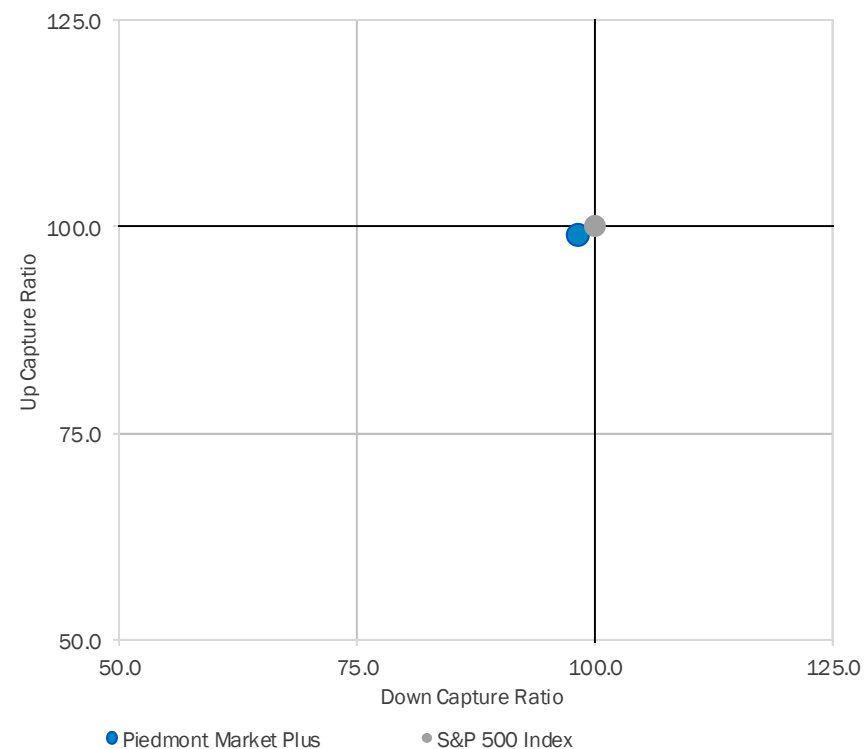
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



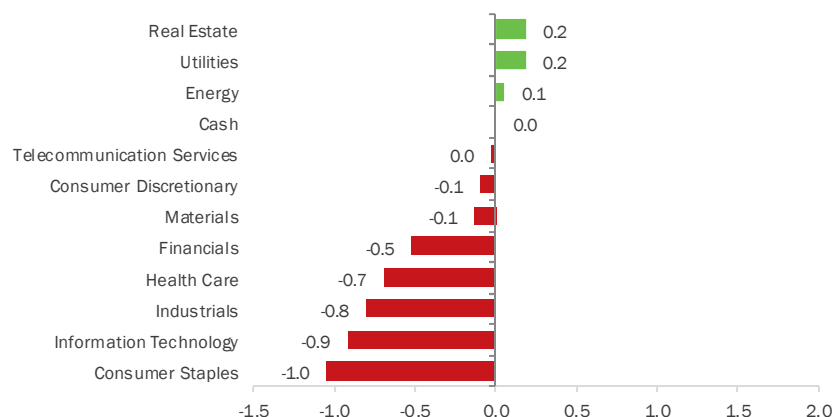


# Piedmont Market Plus

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Continental Resources, Inc.	0.9	22.3	0.5
Amazon.com, Inc.	1.2	45.3	0.5
Valero Energy Corporation	1.5	22.5	0.4
Macy's Inc	0.9	52.0	0.3
ON Semiconductor Corporation	1.6	6.2	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Principal Financial Group, Inc.	1.9	-23.6	-0.5
General Mills, Inc.	1.2	-23.9	-0.5
Cummins Inc.	1.9	-23.7	-0.5
Comcast Corporation Class A	1.3	-17.3	-0.4
Cigna Corporation	1.4	-16.3	-0.4

## Attribution/Contribution

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	13.3	10.4	1.2	12.7	11.5	1.3	0.0	-0.1	-0.1
Consumer Staples	6.7	-22.7	-1.8	7.2	-8.9	-0.7	0.1	-1.1	-1.0
Energy	7.7	5.3	0.6	6.0	6.8	0.5	0.1	-0.1	0.1
Financials	15.6	-6.7	-1.2	14.7	-4.1	-0.6	-0.1	-0.5	-0.5
Health Care	12.6	-3.8	-0.4	14.1	1.8	0.2	0.0	-0.7	-0.7
Industrials	10.0	-12.1	-1.3	10.1	-4.7	-0.5	0.0	-0.8	-0.8
Information Technology	24.3	6.8	1.6	25.1	10.9	2.6	-0.1	-0.8	-0.9
Materials	4.1	-4.4	-0.1	2.9	-3.1	-0.1	-0.1	-0.1	-0.1
Real Estate	2.2	0.8	0.1	2.7	0.8	0.0	0.3	-0.1	0.2
Telecommunication Services	0.6	-3.8	-0.1	1.9	-8.4	-0.2	0.1	-0.1	0.0
Utilities	2.7	7.2	0.2	2.8	0.3	0.0	0.0	0.1	0.2
Cash	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attribution Total	100.0	-1.2	-1.2	100.0	2.6	2.6	0.4	-4.3	-3.8

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

Source: FactSet



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



# Argent Large Cap Growth

As of 6/30/2018

## Portfolio Statistics

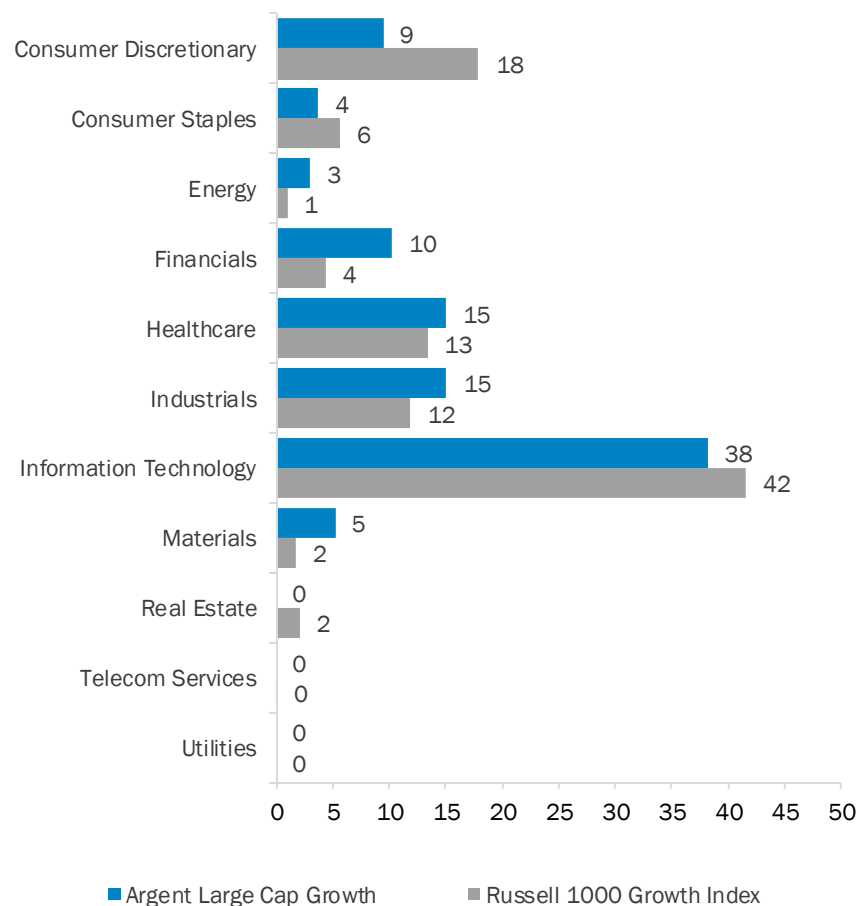
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	159.5	275.2
P/E Ratio	25.8	28.9
P/B Ratio	3.5	7.1
Dividend Yield (%)	1.0	1.2

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Alphabet Inc. Class A	Information Technology	7.3%	7.2%
Baxter International Inc.	Health Care	5.1%	14.8%
Marvell Technology Group Ltd	Information Technology	4.5%	0.2%
Mastercard Incorporated Clas	Information Technology	4.3%	30.2%
Fortive Corp.	Industrials	4.0%	6.8%
JPMorgan Chase & Co.	Financials	3.9%	-1.6%
Post Holdings, Inc.	Consumer Staples	3.8%	8.6%
Masco Corporation	Industrials	3.7%	-14.4%
Target Corporation	Consumer Discretionary	3.7%	18.6%
Cognizant Technology Solution	Information Technology	3.5%	11.8%

## Sector Allocation (%)



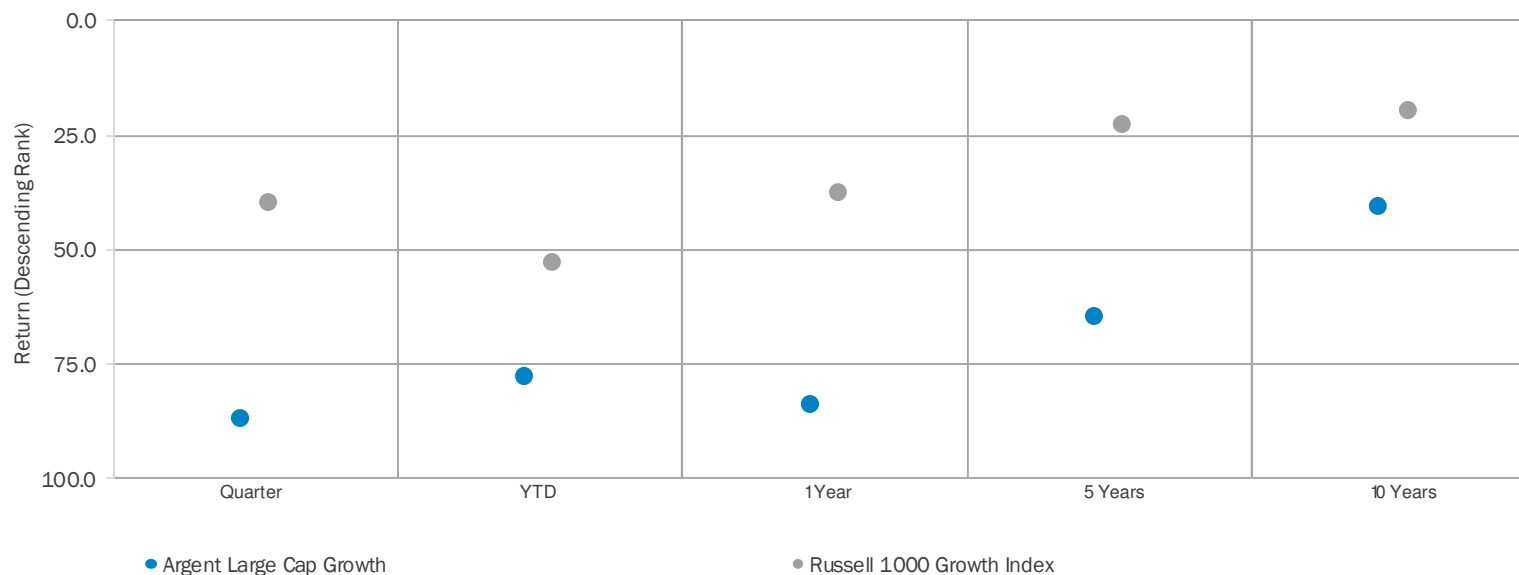
Source: FactSet



# Argent Large Cap Growth

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Argent Large Cap Growth	3.0	4.6	15.6	13.9	10.7
Peer group percentile	87	78	84	65	41
Russell 1000 Growth Index	5.8	7.3	22.5	16.4	11.8
Peer group percentile	40	53	38	23	20
25th Percentile	6.4	10.5	24.8	16.2	11.5
50th Percentile	5.2	7.6	21.1	14.8	10.4
75th Percentile	3.6	4.9	16.9	13.2	9.2



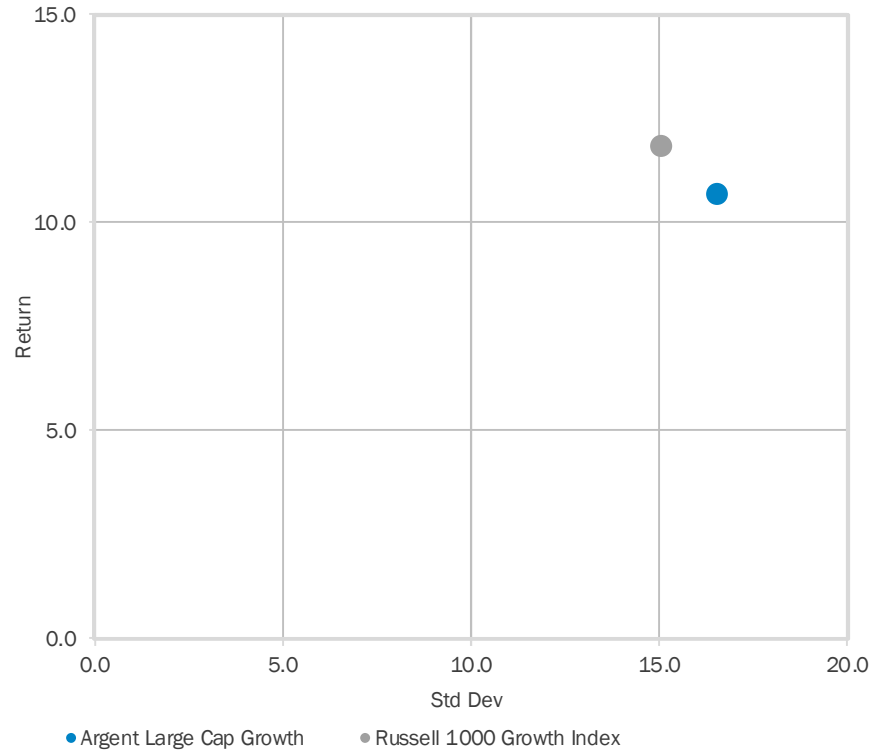
# Argent Large Cap Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Argent Large Cap Growth	-40.0	34.4	15.3	-1.4	21.0	31.5	12.0	5.4	7.0	22.3	4.6	10.4	13.9	10.7
Russell 1000 Growth Index	-38.4	37.2	16.7	2.6	15.3	33.5	13.0	5.7	7.1	30.2	7.3	15.0	16.4	11.8

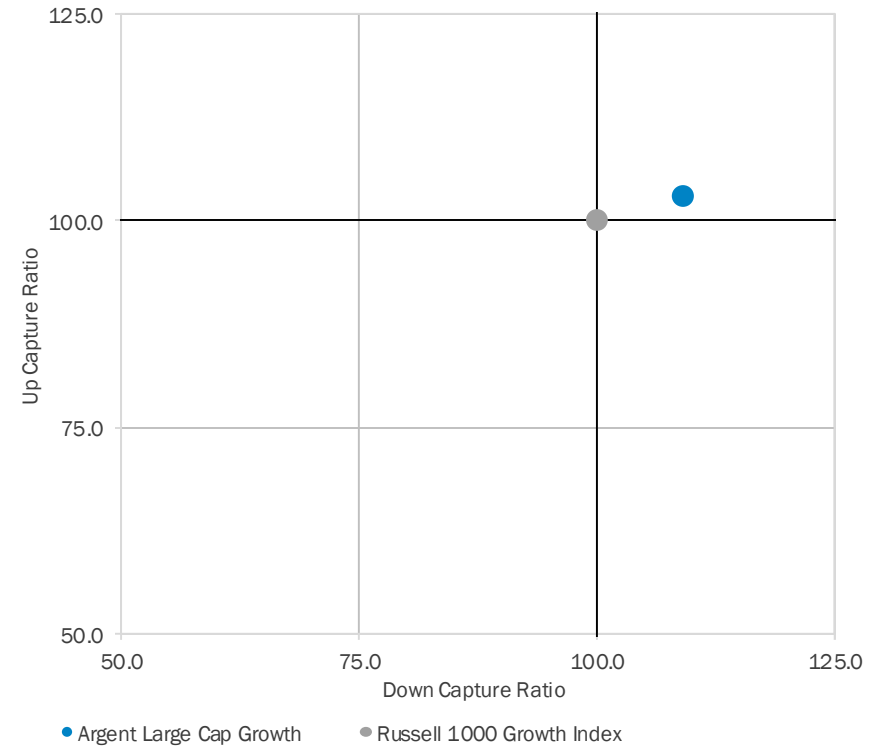
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



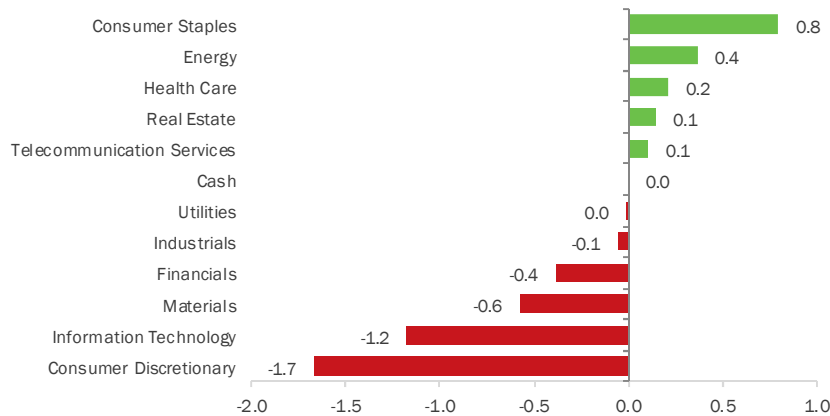


# Argent Large Cap Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Red Hat, Inc.	4.7	11.9	0.6
Mastercard Incorporated Class A	2.7	30.2	0.5
ConocoPhillips	2.2	28.1	0.5
E*TRADE Financial Corporation	3.0	23.4	0.4
Boston Scientific Corporation	1.7	31.9	0.4

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Amazon.com, Inc.	-4.5	45.3	-1.3
Masco Corporation	4.1	-14.4	-0.9
Ieradyne, Inc.	1.9	-8.7	-0.7
Nettlix, Inc.	-0.9	103.9	-0.6
Huntsman Corporation	2.3	-11.4	-0.5

## Attribution/Contribution

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	9.0	2.5	0.2	18.7	14.2	2.5	-0.6	-1.0	-1.7
Consumer Staples	3.5	8.6	0.3	6.2	-4.2	-0.3	0.3	0.5	0.8
Energy	3.7	21.9	0.7	0.9	3.3	0.0	-0.1	0.4	0.4
Financials	12.6	2.0	0.3	3.5	4.2	0.1	-0.2	-0.2	-0.4
Health Care	14.2	6.4	1.0	12.7	5.0	0.6	-0.1	0.3	0.2
Industrials	11.4	-3.8	-0.4	12.5	-2.6	-0.3	0.0	-0.1	-0.1
Information Technology	40.0	8.9	3.6	39.0	12.3	4.7	0.0	-1.2	-1.2
Materials	5.6	-8.7	-0.6	3.4	-2.9	-0.1	-0.2	-0.3	-0.6
Real Estate	0.0	0.0	0.0	2.3	1.4	0.0	0.1	0.0	0.1
Telecommunication Services	0.0	0.0	0.0	0.9	-4.9	0.0	0.1	0.0	0.1
Utilities	0.0	0.0	0.0	0.0	9.1	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	5.0	5.0	100.0	7.3	7.3	-0.5	-1.7	-2.2

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

Source: FactSet



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# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Portfolio Statistics

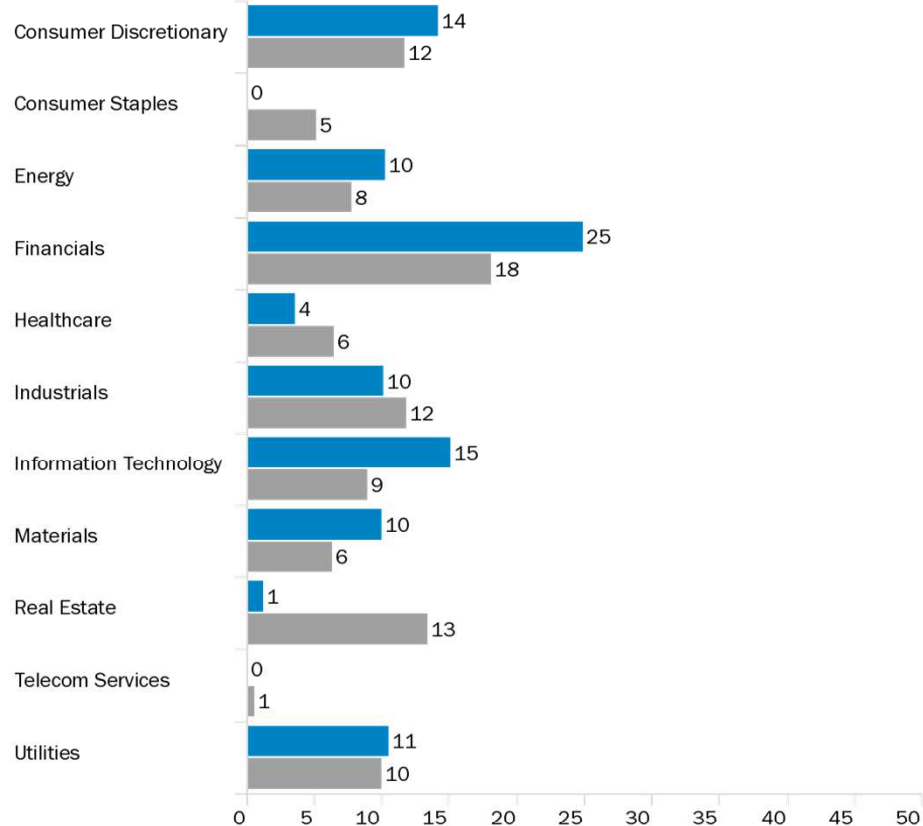
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	10.7	14.2
P/E Ratio	14.8	17.5
P/B Ratio	2.1	1.9
Dividend Yield (%)	1.9	2.1

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
WPX Energy Inc Class A	Energy	3.4	28.1
Bank of N.T Butterfield & Son Ltd	Financials	3.1	28.1
Continental Resources Inc	Energy	2.6	22.3
New Residential Investment Corp	Financials	2.6	3.4
Ares Capital Corp	Financials	2.5	9.5
Centene Corp	Health Care	2.3	22.1
Crown Holdings Inc	Materials	2.2	-20.4
Fidelity National Information Services Inc	Information Technology	2.1	13.4
CACI International Inc Class A	Information Technology	2.1	27.4
Atlantica Yield PLC	Utilities	2.0	-1.9

## Sector Allocation (%)



■ Natixis Vaughan Nelson Value Opp

■ Russell Mid Cap Value Index

Source: Morningstar Direct



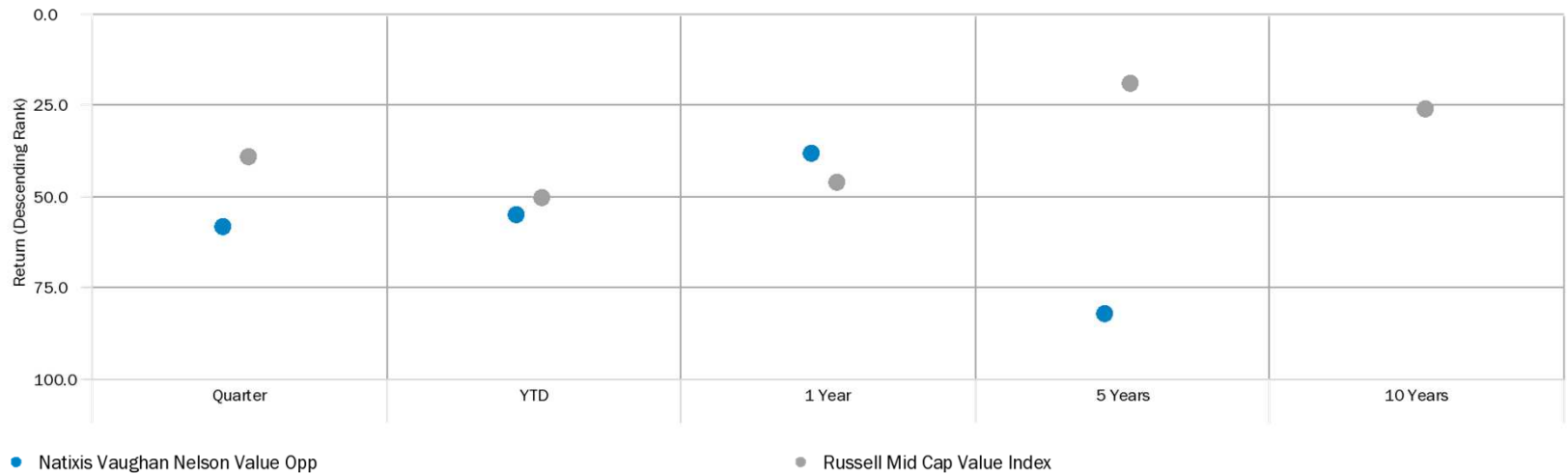
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# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Natixis Vaughan Nelson Value Opp	1.8	-0.5	8.3	8.9	
Peer group percentile	58	55	38	82	
Russell Mid Cap Value Index	2.4	-0.2	7.6	11.3	10.1
Peer group percentile	39	50	46	19	26
25th Percentile	3.3	1.4	10.1	10.8	10.1
50th Percentile	2.1	-0.2	7.4	10.0	8.7
75th Percentile	1.0	-1.4	5.9	9.3	8.0

Source: Morningstar Direct



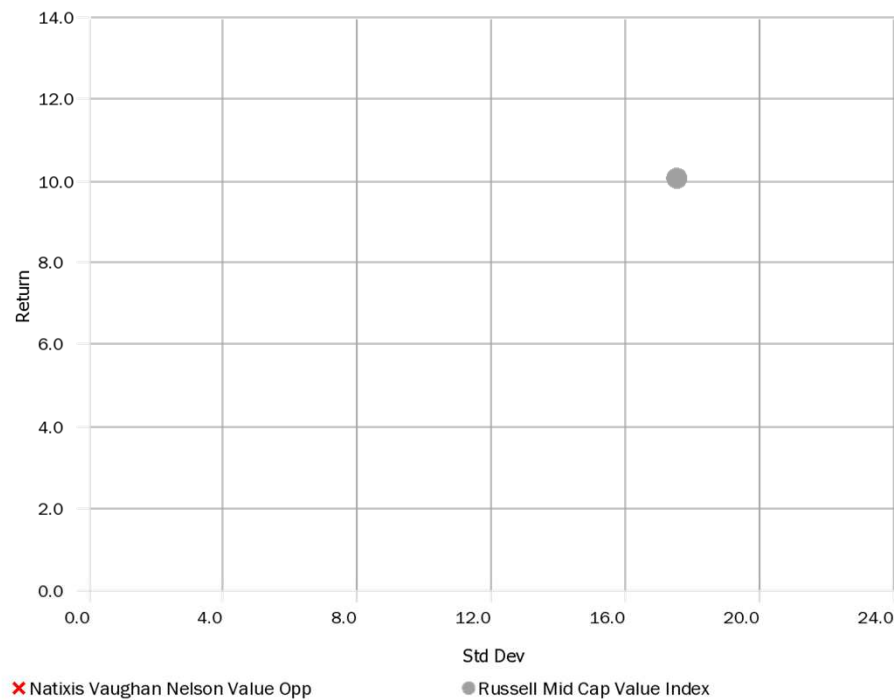
# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	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	13.2	-0.5	2.4	8.9	
Russell Mid Cap Value Index	-38.4	34.2	24.8	-1.4	18.5	33.5	14.7	-4.8	20.0	13.3	-0.2	8.8	11.3	10.1

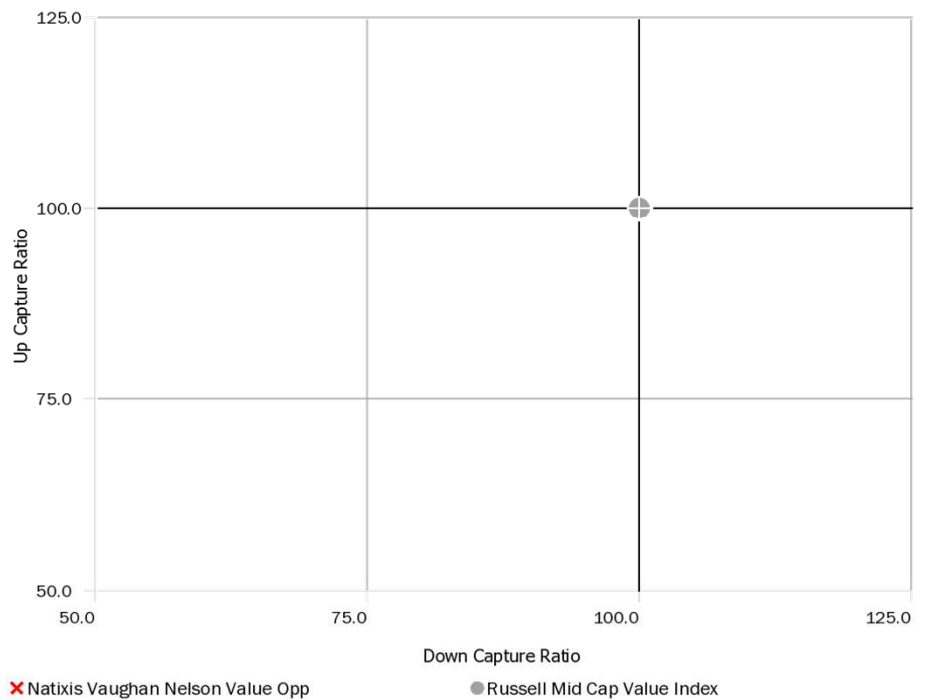
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

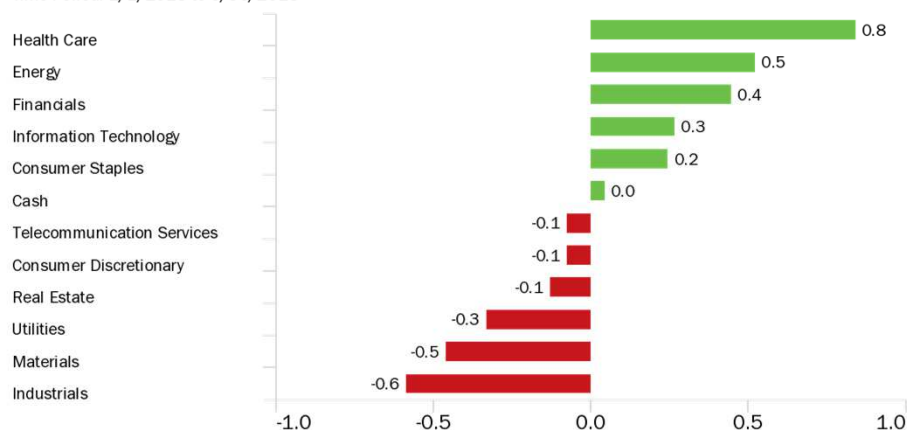


# Natixis Vaughan Nelson Value Opp

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Bank of N.T Butterfield & Son Ltd	2.9	28.0	0.7
Centene Corp	1.7	22.1	0.4
WPX Energy Inc Class A	2.7	28.1	0.4
Extended Stay America Inc	2.0	16.2	0.3
KAR Auction Services Inc	1.8	9.9	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Mohawk Industries Inc	1.7	-22.3	-0.4
Crown Holdings Inc	2.2	-20.4	-0.4
NCR Corp	1.7	-11.8	-0.4
Forum Energy Technologies Inc	1.2	-20.6	-0.4
CommScope Holding Co Inc	1.4	-22.8	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	15.5	-1.4	-0.3	11.9	-1.9	-0.2	0.0	-0.1	-0.1
Consumer Staples	0.0		0.0	3.9	-6.4	-0.3	0.2	0.0	0.2
Energy	8.7	16.6	1.4	8.4	10.3	0.9	0.0	0.5	0.5
Financials	25.6	-0.1	0.0	20.8	-2.0	-0.4	0.0	0.5	0.4
Health Care	4.0	18.9	0.7	6.5	-2.0	-0.1	0.0	0.8	0.8
Industrials	13.0	-10.8	-1.6	12.0	-7.9	-1.0	-0.1	-0.5	-0.6
Information Technology	15.2	5.8	0.9	6.5	10.6	0.6	1.0	-0.7	0.3
Materials	10.6	-5.7	-0.7	5.6	-2.9	-0.2	-0.1	-0.3	-0.5
Real Estate	1.2	-0.3	0.0	13.7	0.6	0.1	-0.1	0.0	-0.1
Telecommunication Services	0.0		0.0	0.5	15.5	0.1	-0.1	0.0	-0.1
Utilities	4.5	-2.6	0.1	10.2	2.5	0.2	-0.2	-0.2	-0.3
Cash	1.6	0.9	0.0	0.0		0.0	0.0	0.0	0.0
Attribution Total	100.0	0.5	0.5	100.0	-0.2	-0.2	0.7	0.0	0.7

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

Source: Morningstar Direct



# Artisan Mid Cap

As of 6/30/2018

## Portfolio Statistics

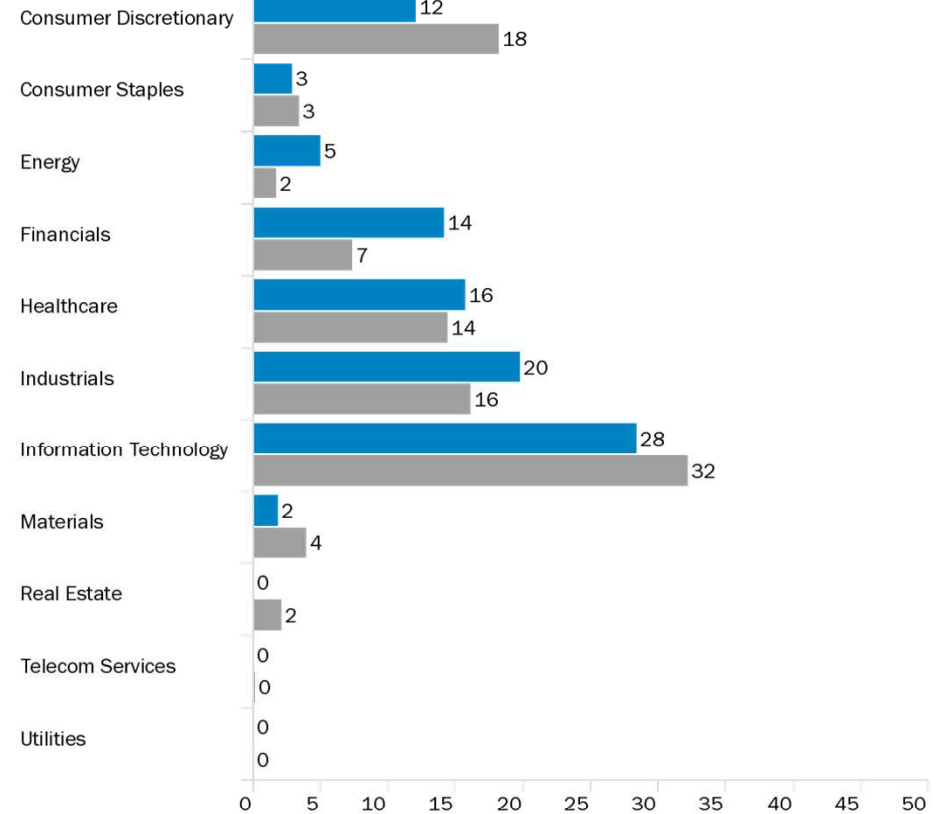
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	19.0	15.5
P/E Ratio	31.2	27.4
P/B Ratio	4.5	6.0
Dividend Yield (%)	0.5	0.8

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Global Payments Inc	Information Technology	4.9	11.2
LKQ Corp	Consumer Discretionary	4.3	-21.6
IHS Markit Ltd A	Industrials	3.7	14.3
Progressive Corp	Financials	3.6	7.0
Atlassian Corporation PLC A	Information Technology	3.1	37.3
Boston Scientific Corp	Health Care	2.8	31.9
Veeva Systems Inc Class A	Health Care	2.5	39.0
S&P Global Inc	Financials	2.5	21.0
Tableau Software Inc A	Information Technology	2.4	41.3
TD Ameritrade Holding Corp	Financials	2.4	7.9

## Sector Allocation (%)



■ Artisan Mid Cap

■ Russell Mid Cap Growth Index

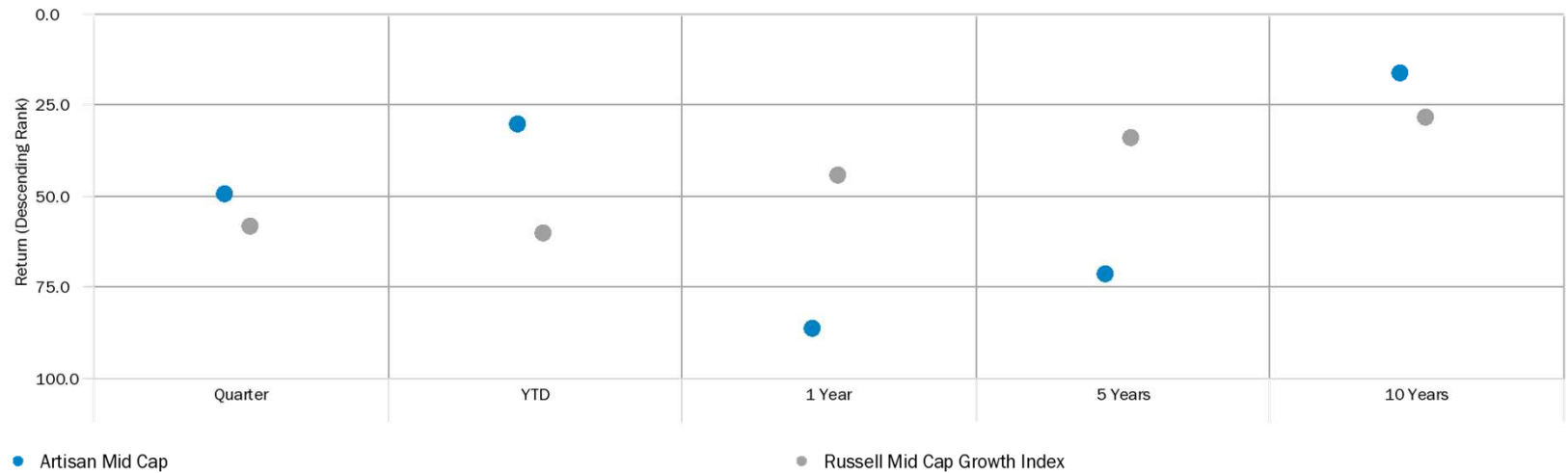
Source: Morningstar Direct



# Artisan Mid Cap

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Artisan Mid Cap	3.6	7.8	12.8	11.5	11.1
Peer group percentile	49	30	86	71	16
Russell Mid Cap Growth Index	3.2	5.4	18.5	13.4	10.5
Peer group percentile	58	60	44	34	28
25th Percentile	5.8	8.5	21.1	14.0	10.5
50th Percentile	3.6	6.1	17.8	12.4	9.5
75th Percentile	2.2	3.8	14.3	11.3	8.5

Source: Morningstar Direct



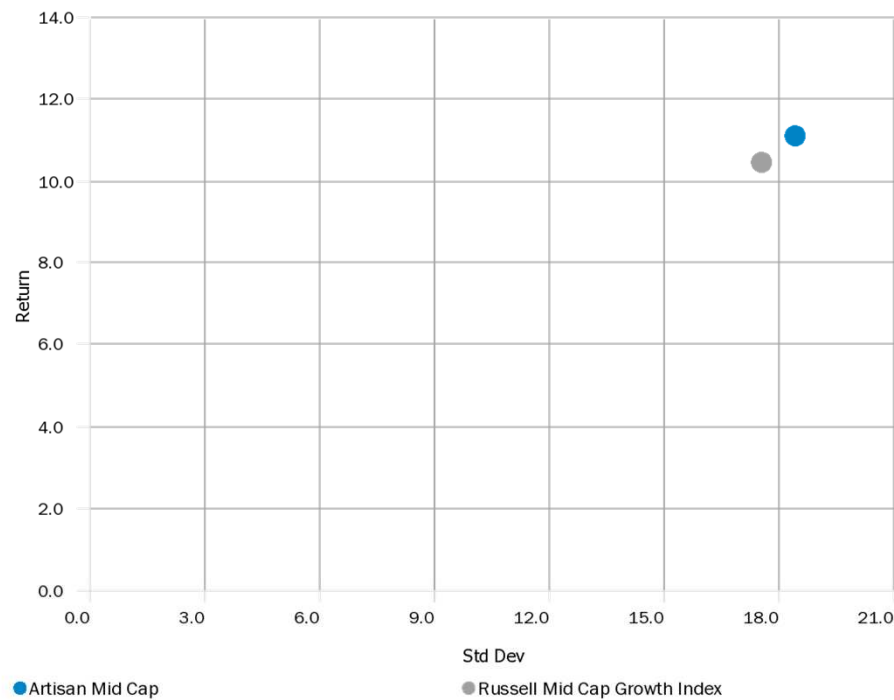
# Artisan Mid Cap

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Mid Cap	-44.0	50.6	31.9	-1.8	19.8	37.7	6.0	2.4	-0.6	20.8	7.8	7.8	11.5	11.1
Russell Mid Cap Growth Index	-44.3	46.3	26.4	-1.7	15.8	35.7	11.9	-0.2	7.3	25.3	5.4	10.7	13.4	10.5

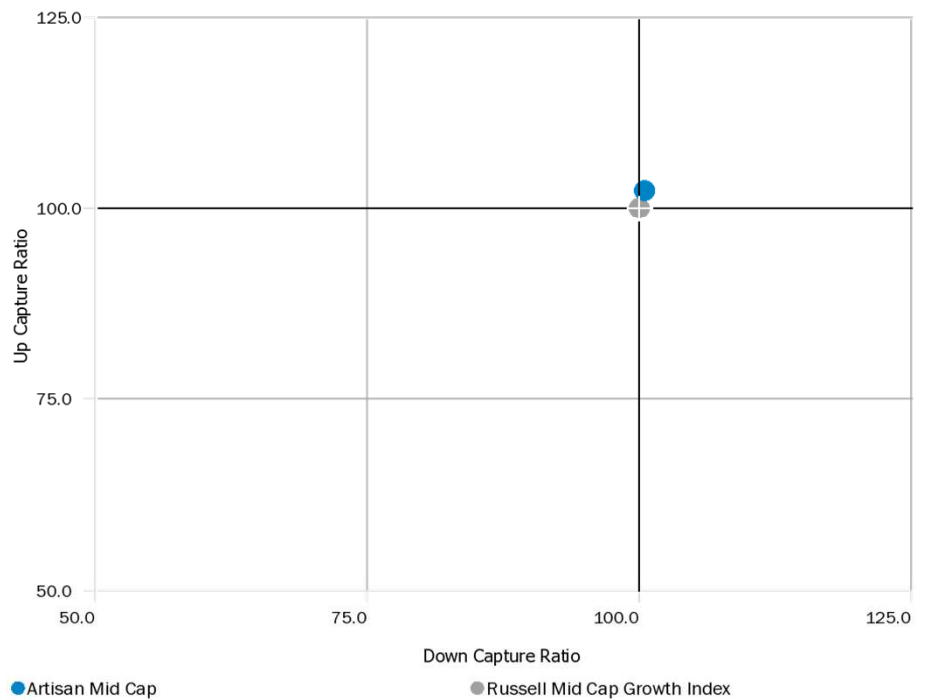
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

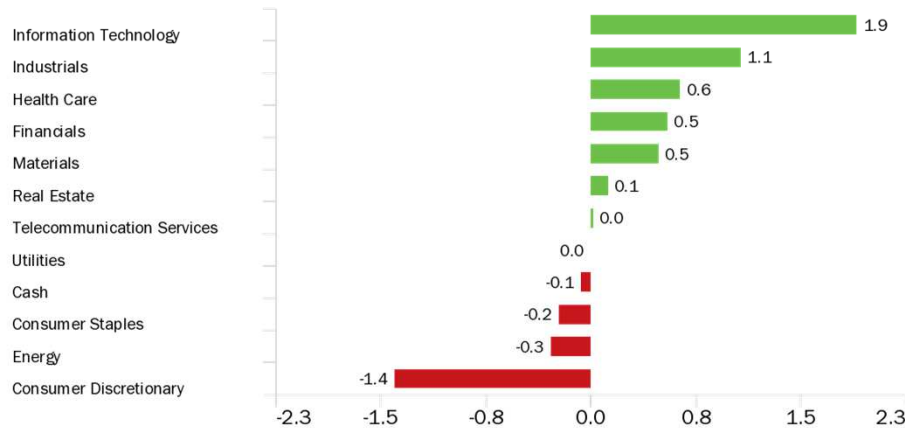


# Artisan Mid Cap

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Atlassian Corporation PLC A	2.7	37.3	0.6
Tableau Software Inc A	2.3	41.3	0.6
Boston Scientific Corp	2.8	31.9	0.5
S&P Global Inc	3.0	21.0	0.5
IHS Markit Ltd A	3.4	14.3	0.5

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
LKQ Corp	4.1	-21.6	-1.2
Cigna Corp	2.0	-16.3	-0.8
Concho Resources Inc	2.4	-7.9	-0.3
Skechers USA Inc	0.7	-20.7	-0.3
Coherent Inc	0.4	-44.6	-0.3

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	11.6	-7.5	-0.9	17.2	4.3	0.8	0.1	-1.5	-1.4
Consumer Staples	3.1	-3.3	-0.1	4.1	4.2	0.2	0.0	-0.2	-0.2
Energy	4.6	0.4	0.0	2.4	6.4	0.2	0.1	-0.4	-0.3
Financials	14.2	8.4	1.2	7.4	3.8	0.3	-0.1	0.7	0.5
Health Care	16.4	15.3	2.4	13.3	12.4	1.6	0.2	0.4	0.6
Industrials	20.0	6.3	1.3	17.5	0.4	0.1	-0.1	1.2	1.1
Information Technology	27.1	19.0	4.8	28.8	10.9	3.0	-0.1	2.0	1.9
Materials	1.5	-17.8	-0.2	6.0	-6.5	-0.4	0.6	-0.1	0.5
Real Estate	0.0		0.0	3.1	1.9	0.1	0.1	0.0	0.1
Telecommunication Services	0.0		0.0	0.2	-0.9	0.0	0.0	0.0	0.0
Utilities	0.0		0.0	0.1	8.0	0.0	0.0	0.0	0.0
Cash	1.4	0.9	0.0	0.0		0.0	-0.1	0.0	-0.1
Attribution Total	100.0	8.5	8.5	100.0	5.7	5.7	0.7	2.1	2.8

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

Source: Morningstar Direct

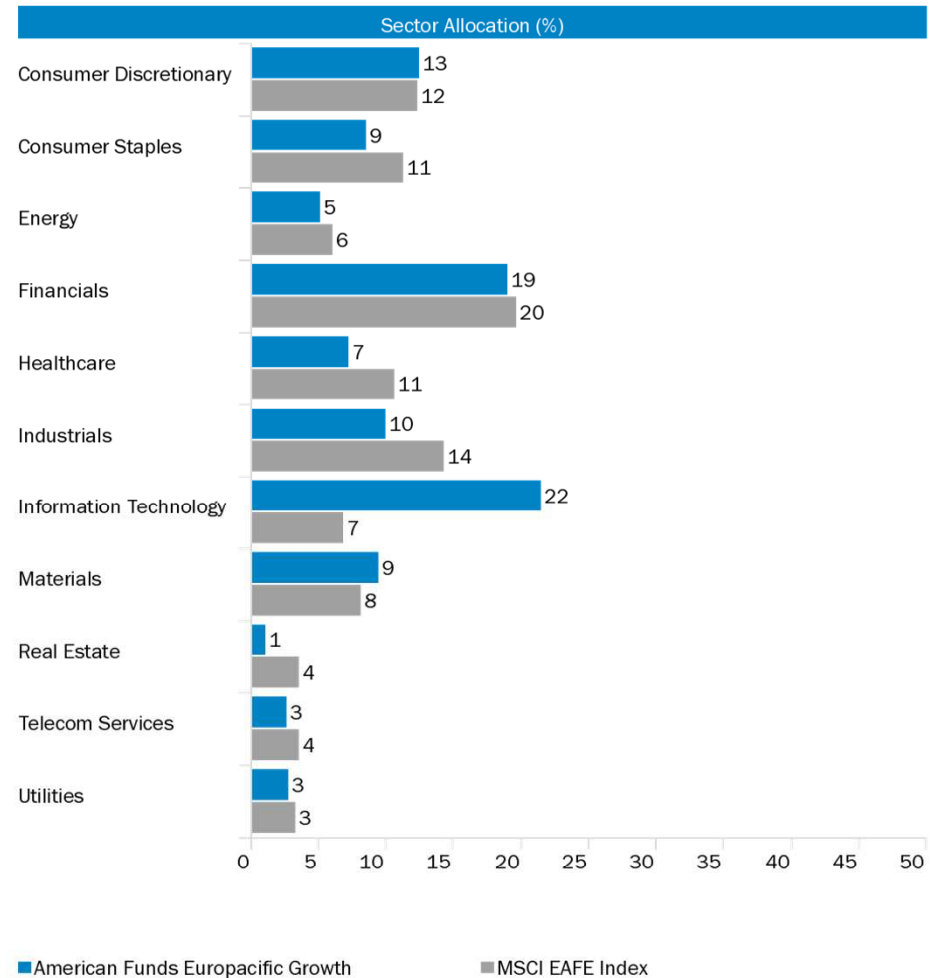


# American Funds Europacific Growth

As of 6/30/2018

Regional Allocation (%)		
	Manager	Index
North America	6.1	0.9
Latin America Emerging	3.9	0.0
United Kingdom	12.3	17.2
Europe Developed	26.9	45.0
Europe Emerging	0.8	0.0
Africa/Middle East	1.7	0.5
Japan	14.1	24.6
Australia/New Zealand	0.8	6.6
Asia Developed	15.4	4.8
Asia Emerging	18.1	0.5

Top Ten Holdings			
	Sector	% of Portfolio	YTD Return
Samsung Electronics Co Ltd	Information Technology	2.6	-11.4
AIA Group Ltd	Financials	2.6	3.7
Airbus SE	Industrials	2.3	19.2
British American Tobacco PLC	Consumer Staples	2.2	-23.6
Alibaba Group Holding Ltd ADR	Information Technology	2.1	7.6
Taiwan Semiconductor Manufacturing Co Ltd	Information Technology	2.1	-4.5
Nintendo Co Ltd	Information Technology	2.0	-9.4
HDFC Bank Ltd	Financials	1.9	5.5
Reliance Industries Ltd	Energy	1.9	-1.0
ASML Holding NV	Information Technology	1.6	14.6



Source: Morningstar Direct



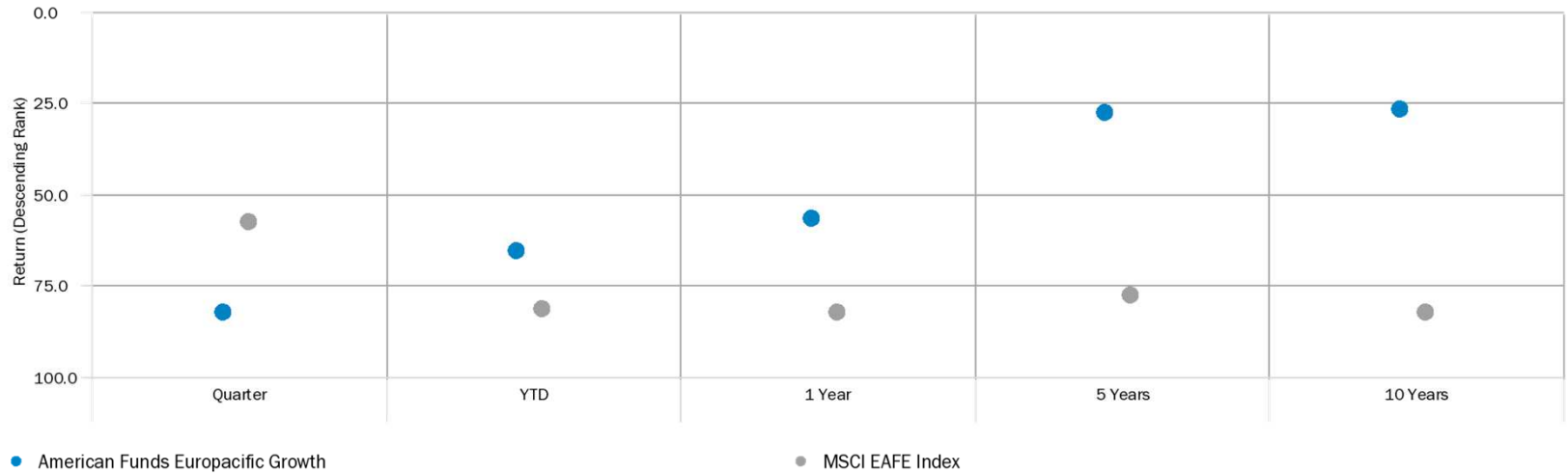
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# American Funds Europacific Growth

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
American Funds Europacific Growth	-2.8	-1.8	9.3	8.3	4.8
Peer group percentile	82	65	56	27	26
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	57	81	82	77	82
25th Percentile	0.2	1.2	13.7	8.6	4.9
50th Percentile	-0.9	-0.7	10.4	7.4	4.0
75th Percentile	-2.2	-2.2	7.6	6.5	3.1

Source: Morningstar Direct



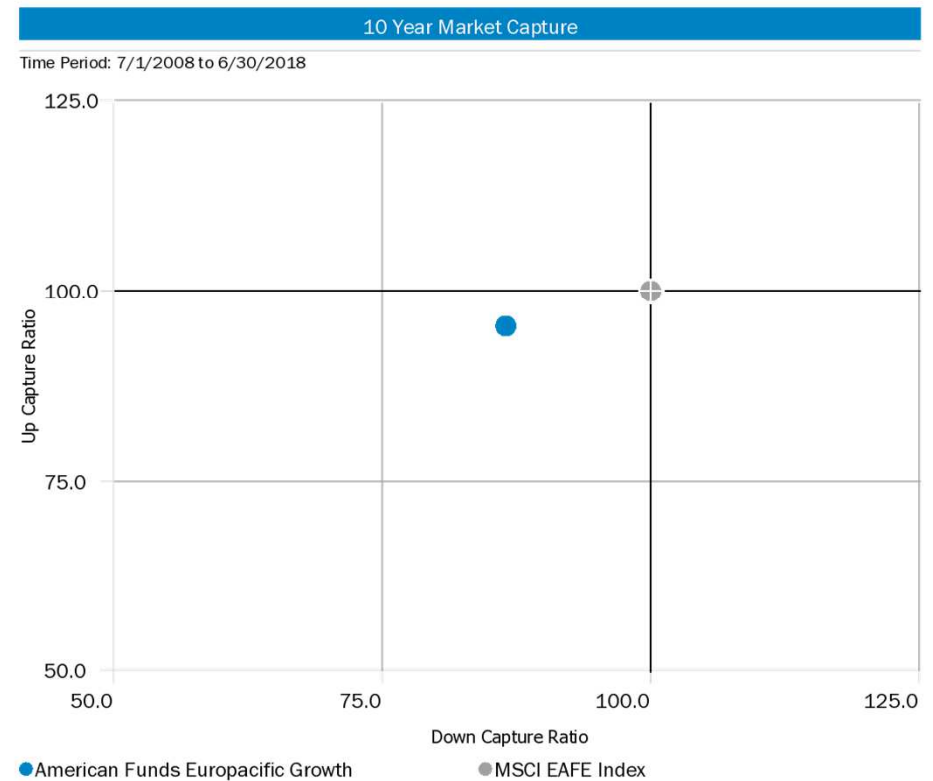
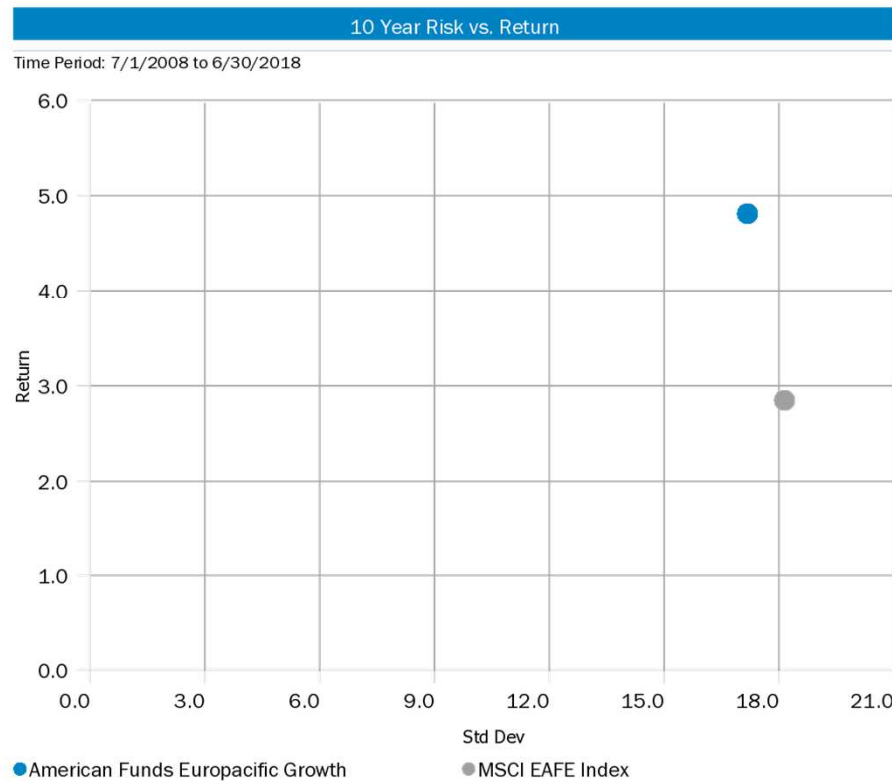
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# American Funds Europacific Growth

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
American Funds Europacific Growth	-40.5	39.4	9.8	-13.3	19.6	20.6	-2.3	-0.5	1.0	31.2	-1.8	6.5	8.3	4.8
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8



Source: Morningstar Direct

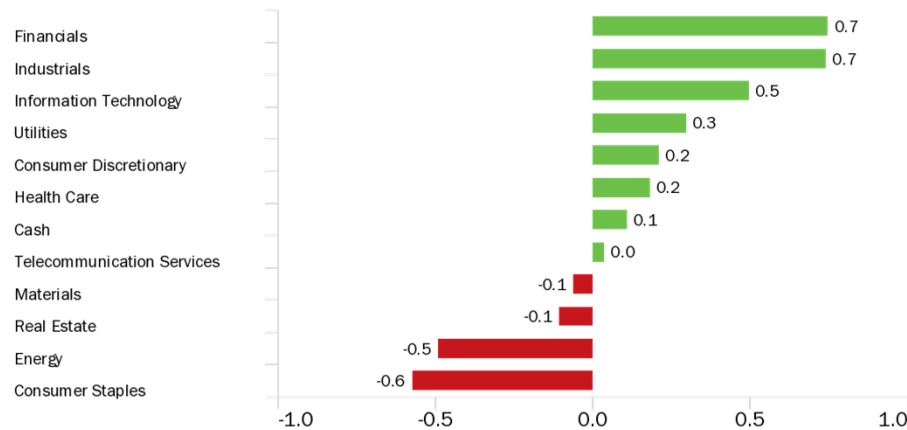


# American Funds Europacific Growth

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Airbus SE	1.8	19.4	0.4
Kotak Mahindra Bank Ltd	1.1	23.8	0.3
HDFC Bank Ltd	2.0	5.5	0.3
AIA Group Ltd	1.9	3.6	0.2
Teva Pharmaceutical Industries Ltd ADR	0.3	28.3	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Samsung Electronics Co Ltd	2.9	-11.4	-0.4
British American Tobacco PLC	1.3	-23.6	-0.4
Reliance Industries Ltd	2.0	-1.0	-0.2
Kroton Educacional SA	0.3	-55.6	-0.2
AAC Technologies Holdings Inc	0.5	-20.0	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.4	-0.2	0.0	12.5	-1.8	-0.2	0.0	0.2	0.2
Consumer Staples	8.5	-8.7	-0.8	11.0	-2.2	-0.2	0.0	-0.5	-0.6
Energy	5.4	0.6	0.0	5.5	9.3	0.5	-0.1	-0.4	-0.5
Financials	18.6	-4.5	-0.8	21.1	-7.7	-1.6	0.1	0.6	0.7
Health Care	6.7	5.6	0.4	10.1	1.5	0.2	-0.1	0.3	0.2
Industrials	9.2	4.6	0.4	14.5	-3.3	-0.5	0.0	0.7	0.7
Information Technology	21.2	0.8	0.2	6.6	1.0	0.1	0.5	0.0	0.5
Materials	8.1	-4.0	-0.3	8.2	-3.0	-0.2	0.1	-0.1	-0.1
Real Estate	1.1	-9.8	-0.1	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	2.8	-9.0	-0.3	3.8	-8.2	-0.3	0.1	0.0	0.0
Utilities	2.7	14.6	0.4	3.2	2.3	0.1	0.0	0.3	0.3
Cash	3.3	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-0.8	-0.8	100.0	-2.4	-2.4	0.7	0.9	1.6

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

Source: Morningstar Direct



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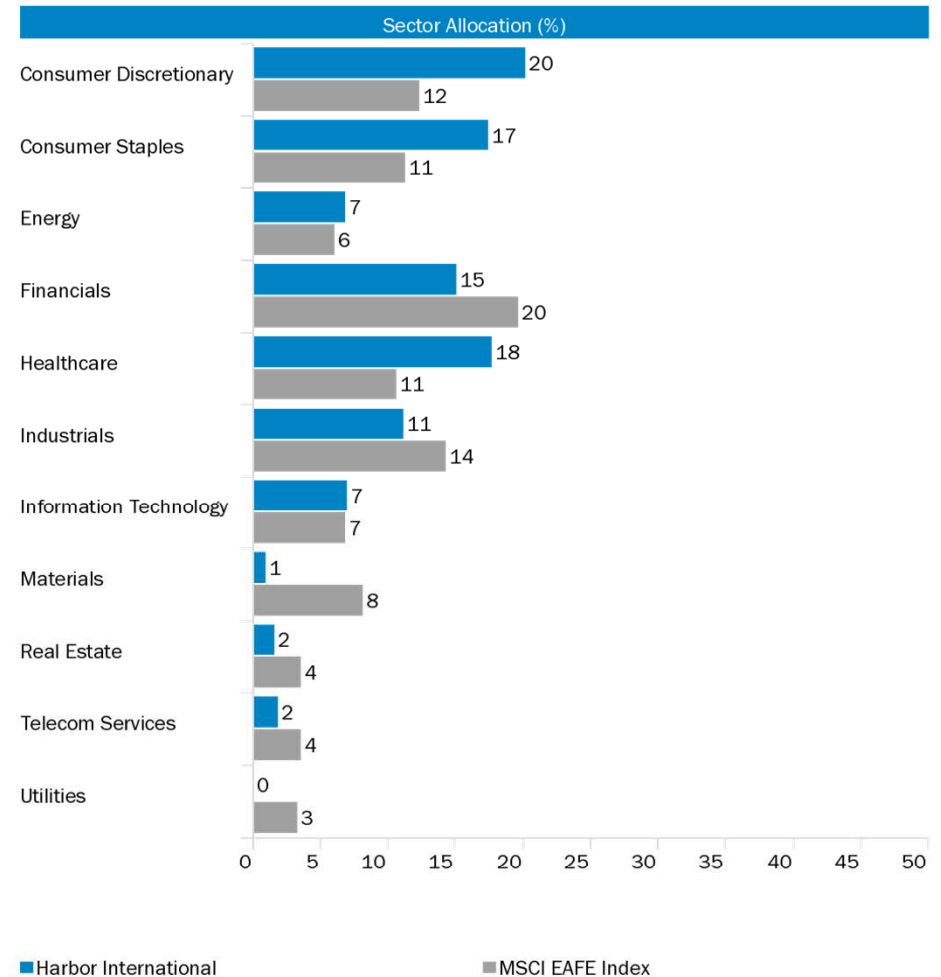


# Harbor International

As of 6/30/2018

Regional Allocation (%)		
	Manager	Index
North America	16.0	0.9
Latin America Emerging	5.3	0.0
United Kingdom	13.2	17.2
Europe Developed	48.2	45.0
Europe Emerging	0.0	0.0
Africa/Middle East	1.6	0.5
Japan	12.6	24.6
Australia/New Zealand	0.0	6.6
Asia Developed	0.0	4.8
Asia Emerging	3.2	0.5

Top Ten Holdings			
	Sector	% of Portfolio	YTD Return
Las Vegas Sands Corp	Consumer Discretionary	5.5	12.0
Schlumberger Ltd	Energy	4.4	0.9
Vivendi SA	Consumer Discretionary	3.4	-7.0
Fanuc Corp	Industrials	3.4	-16.2
Wynn Resorts Ltd	Consumer Discretionary	3.2	0.0
Alibaba Group Holding Ltd ADR	Information Technology	3.0	7.6
Reckitt Benckiser Group PLC	Consumer Staples	2.5	-10.6
Bayer AG	Health Care	2.4	-7.7
ASML Holding NV	Information Technology	2.2	14.6
Shire PLC	Health Care	2.1	7.3



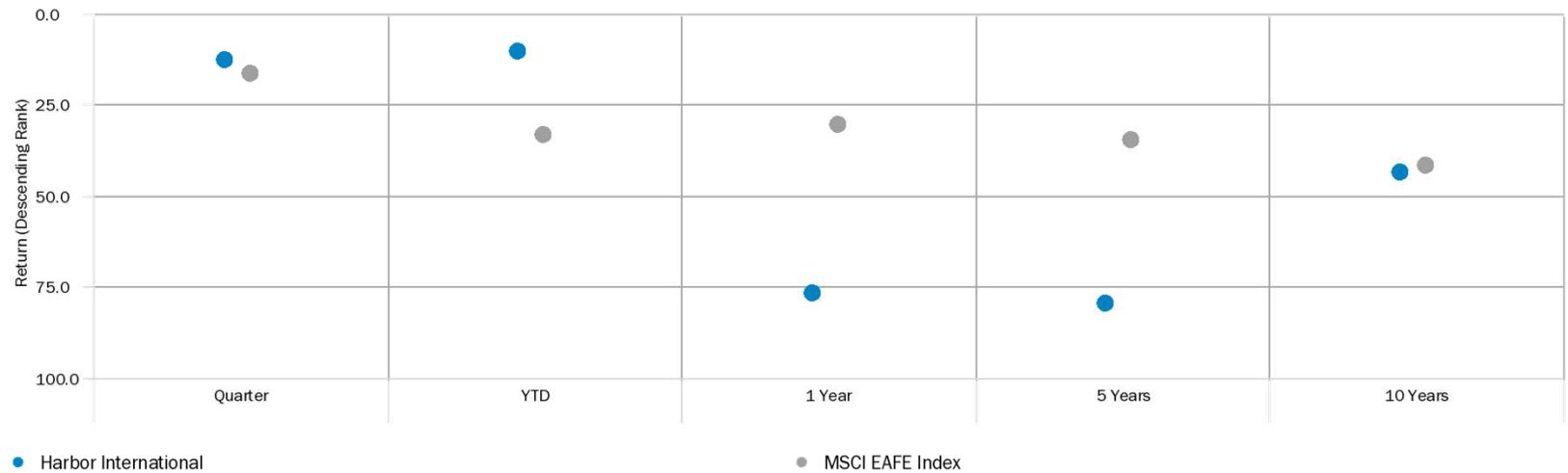
Source: Morningstar Direct



# Harbor International

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Harbor International	-0.7	-1.3	4.5	4.9	2.8
Peer group percentile	12	10	76	79	43
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	16	33	30	34	41
25th Percentile	-1.6	-2.5	7.1	6.7	3.5
50th Percentile	-2.6	-3.3	6.1	5.9	2.6
75th Percentile	-3.6	-4.3	4.6	5.1	1.7

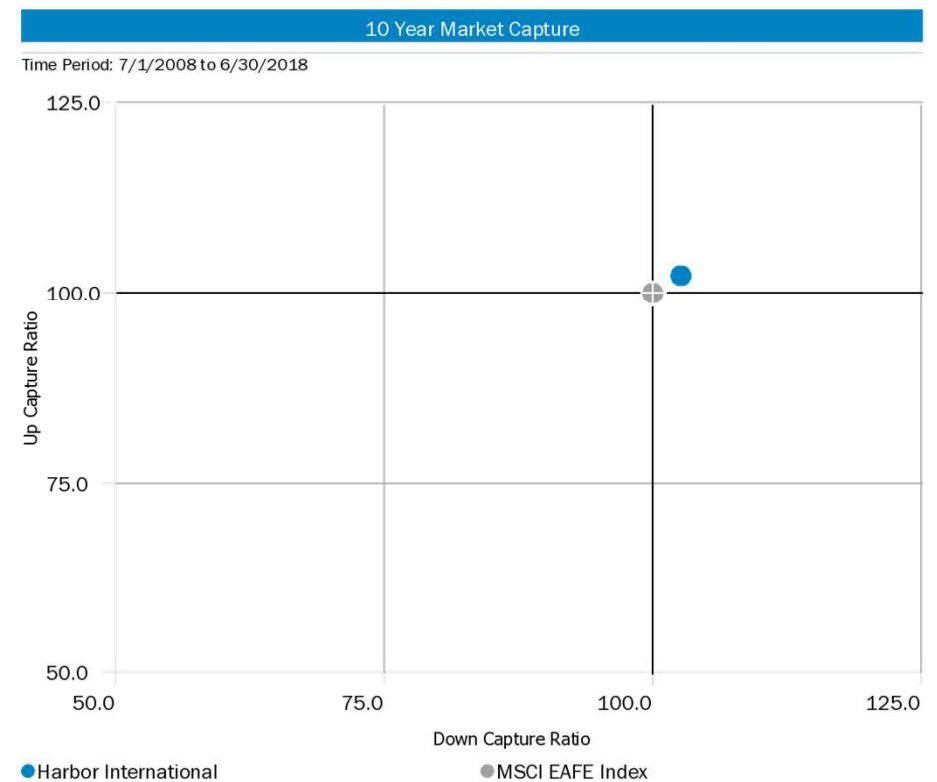
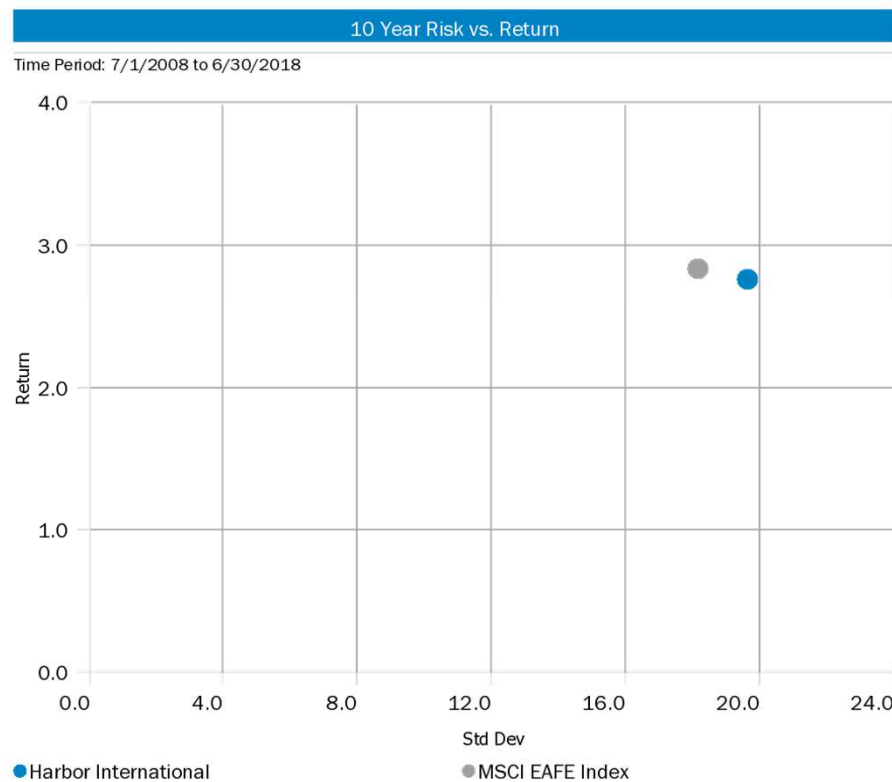
Source: Morningstar Direct



# Harbor International

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.2	22.9	-1.3	2.9	4.9	2.8
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8



Source: Morningstar Direct

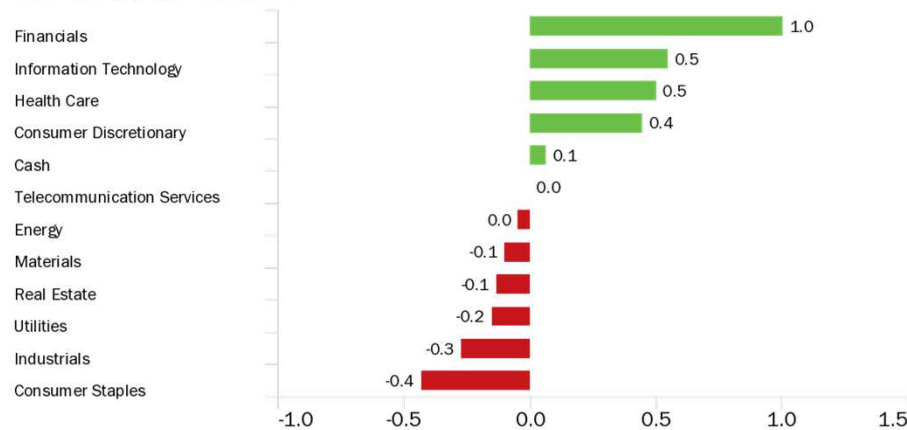


# Harbor International

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Las Vegas Sands Corp	6.5	12.1	0.8
BanColombia SA ADR	1.7	22.4	0.5
Teva Pharmaceutical Industries Ltd ADR	1.3	28.3	0.4
Rolls-Royce Holdings PLC	1.6	13.9	0.3
Deutsche Boerse AG	1.0	17.1	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Fanuc Corp	2.6	-16.4	-0.4
Schlumberger Ltd	4.3	0.9	-0.4
Cie Generale des Etablissements Michelin SA	1.8	-12.6	-0.2
Vivendi SA	3.2	-7.0	-0.2
Reckitt Benckiser Group PLC	1.9	-10.6	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	20.3	0.1	0.0	12.5	-1.8	-0.2	0.1	0.4	0.4
Consumer Staples	16.0	-4.9	-0.8	11.0	-2.2	-0.2	0.0	-0.4	-0.4
Energy	6.1	6.4	0.4	5.5	9.3	0.5	0.2	-0.2	0.0
Financials	15.7	-3.1	-0.5	21.1	-7.7	-1.6	0.3	0.7	1.0
Health Care	17.6	2.5	0.5	10.1	1.5	0.2	0.3	0.2	0.5
Industrials	10.5	-6.1	-0.7	14.5	-3.3	-0.5	0.0	-0.3	-0.3
Information Technology	7.1	9.1	0.6	6.6	1.0	0.1	0.0	0.5	0.5
Materials	1.1	-15.7	-0.2	8.2	-3.0	-0.2	0.0	-0.1	-0.1
Real Estate	2.3	-6.3	-0.2	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	1.4	-12.0	-0.3	3.8	-8.2	-0.3	0.1	-0.1	0.0
Utilities	0.0		0.0	3.2	2.3	0.1	-0.2	0.0	-0.2
Cash	1.9	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-1.0	-1.0	100.0	-2.4	-2.4	1.0	0.5	1.4

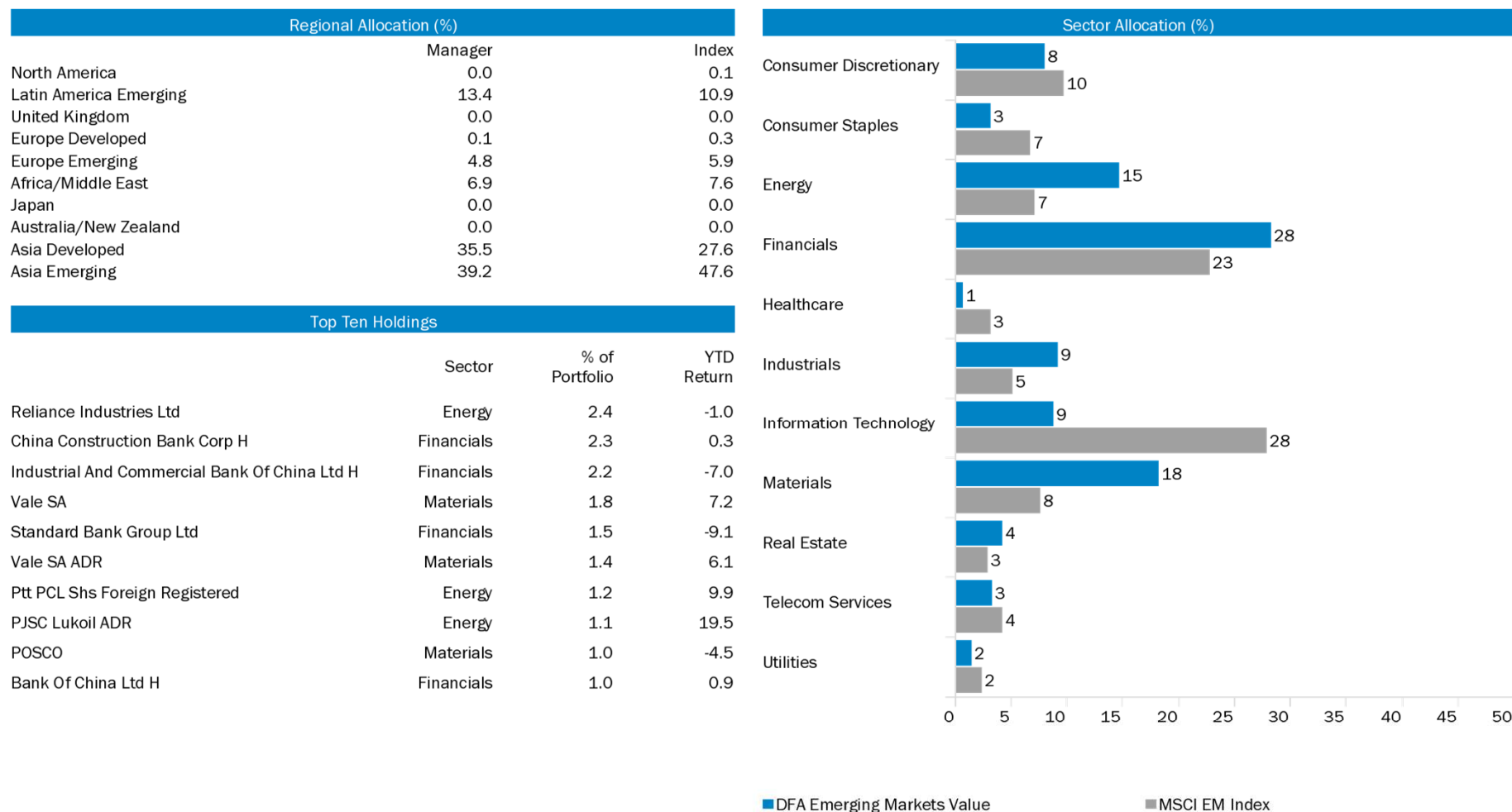
\*Manager's average stock weight - Index's average stock weight = Relative Weights.

Source: Morningstar Direct



# DFA Emerging Markets Value

As of 6/30/2018



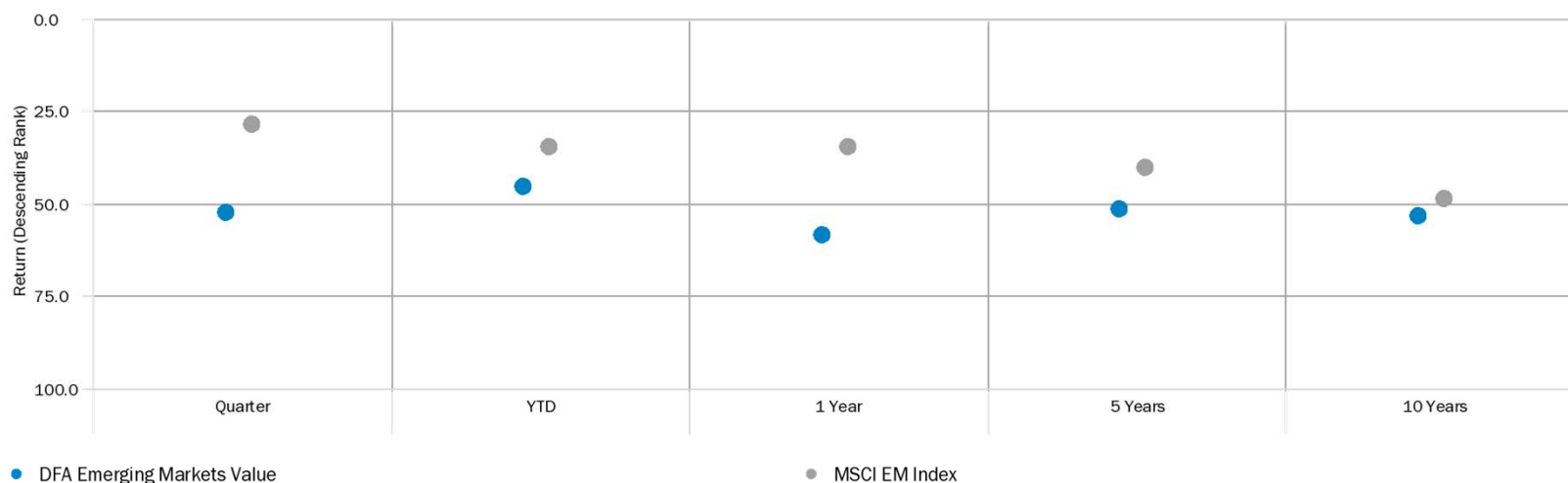
Source: Morningstar Direct



# DFA Emerging Markets Value

As of 6/30/2018

Peer Group: Open End Funds - U.S. - Diversified Emerging Mkts



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
DFA Emerging Markets Value	-9.2	-7.2	5.7	4.6	2.1
Peer group percentile	52	45	58	51	53
MSCI EM Index	-8.0	-6.7	8.2	5.0	2.3
Peer group percentile	28	34	34	40	48
25th Percentile	-7.6	-6.0	9.4	5.8	3.2
50th Percentile	-9.1	-7.3	6.8	4.6	2.1
75th Percentile	-10.3	-8.7	2.8	3.1	1.1

Source: Morningstar Direct



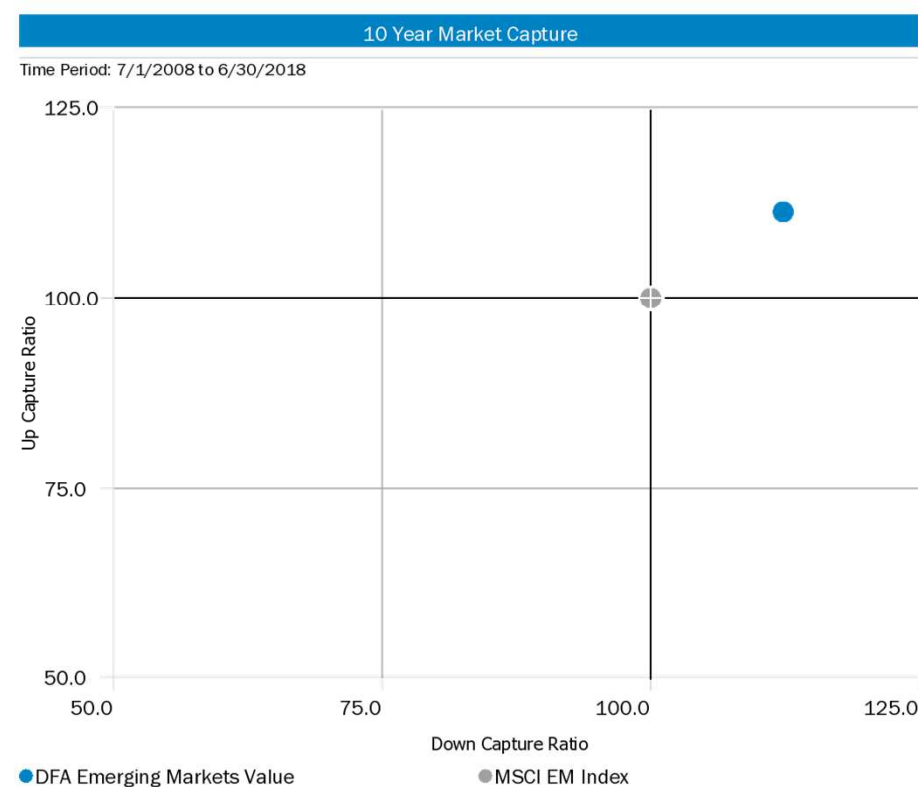
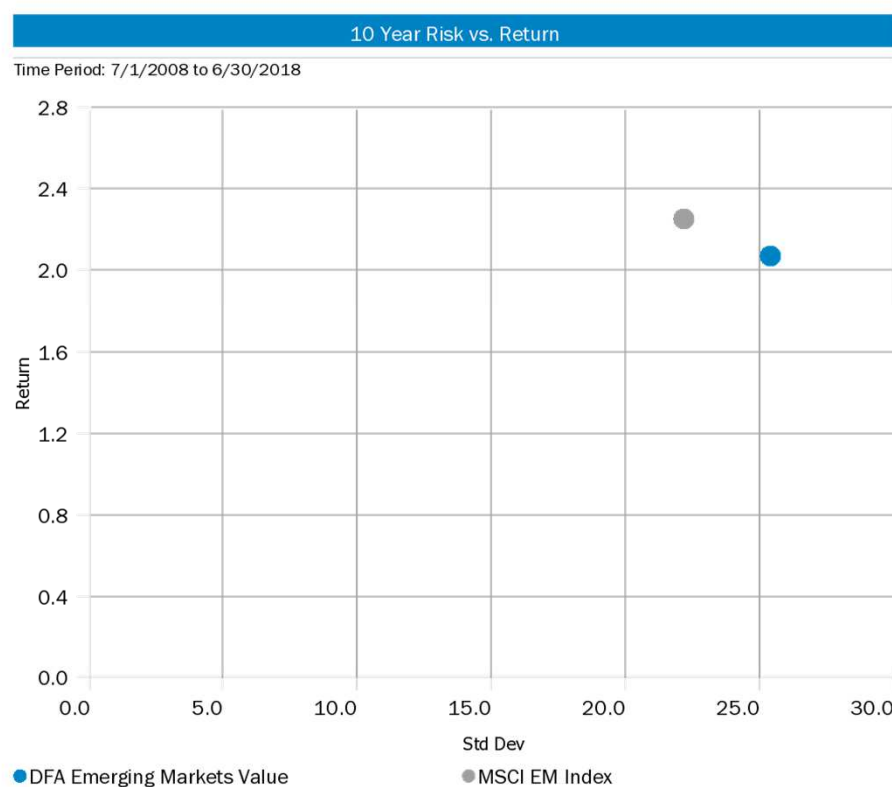
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# DFA Emerging Markets Value

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
DFA Emerging Markets Value	-53.9	92.3	22.1	-25.6	19.4	-3.8	-4.4	-18.8	19.8	33.8	-7.2	6.0	4.6	2.1
MSCI EM Index	-53.3	78.5	18.9	-18.4	18.2	-2.6	-2.2	-14.9	11.2	37.3	-6.7	5.6	5.0	2.3



Source: Morningstar Direct



# DFA Emerging Markets Value

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Walsin Technology Corp	0.1	287.6	0.2
PJSC Lukoil ADR	0.9	19.5	0.1
Vale SA ADR	1.4	6.0	0.1
China Construction Bank Corp H	0.9	0.3	0.1
China Petroleum & Chemical Corp ADR	0.5	29.1	0.1

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
China Petroleum & Chemical Corp H Shares	0.0	10.3	-0.1
MTN Group Ltd	0.6	-25.9	-0.1
Tata Motors Ltd	0.3	-41.9	-0.1
LG Display Co Ltd ADR	0.3	-40.1	-0.1
KB Financial Group Inc ADR	0.7	-18.4	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	8.4	-17.5	-1.6	9.8	-12.5	-1.3	0.1	-0.4	-0.3
Consumer Staples	3.1	-8.4	-0.3	6.5	-6.8	-0.5	0.0	-0.1	0.0
Energy	14.6	2.6	0.5	6.1	1.7	0.1	0.7	0.1	0.8
Financials	28.1	-8.5	-2.6	24.1	-8.7	-2.1	-0.1	0.1	-0.1
Health Care	0.6	-5.7	0.0	2.8	2.3	0.1	-0.2	0.0	-0.2
Industrials	9.1	-11.1	-1.0	5.2	-11.9	-0.6	-0.2	0.1	-0.1
Information Technology	8.3	-3.6	-0.3	28.0	-3.1	-0.9	-0.7	0.0	-0.7
Materials	18.3	-4.1	-0.6	7.5	-4.6	-0.3	0.2	0.1	0.3
Real Estate	4.1	-1.8	0.0	2.8	-11.2	-0.3	-0.1	0.4	0.3
Telecommunication Services	3.2	-19.4	-0.7	4.7	-12.7	-0.6	0.1	-0.2	-0.1
Utilities	1.5	-16.8	-0.3	2.4	-4.9	-0.1	0.0	-0.2	-0.2
Cash	0.8	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-6.9	-6.9	100.0	-6.5	-6.5	-0.1	-0.2	-0.3

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

Source: Morningstar Direct



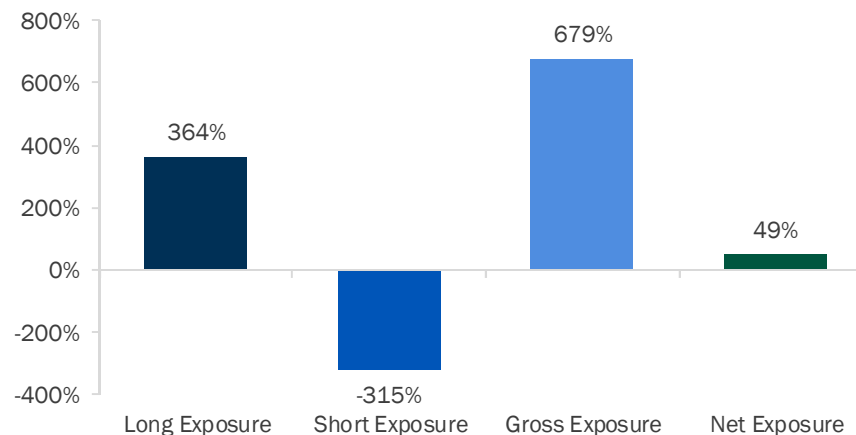
# Hedge Fund Overview: HBK

As of 3/31/2018

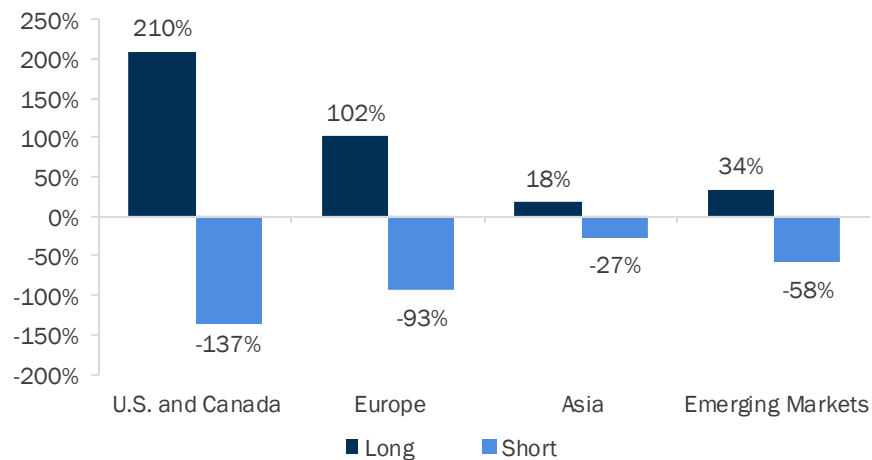
## Organizational Overview

Strategy Type	Multi-Strategy - Relative Value
Location of Headquarters	Dallas, TX
Year Founded	1991
Firm Assets Under Management (\$, B)	\$10.7
Fund Assets Under Management (\$, B)	\$8.0

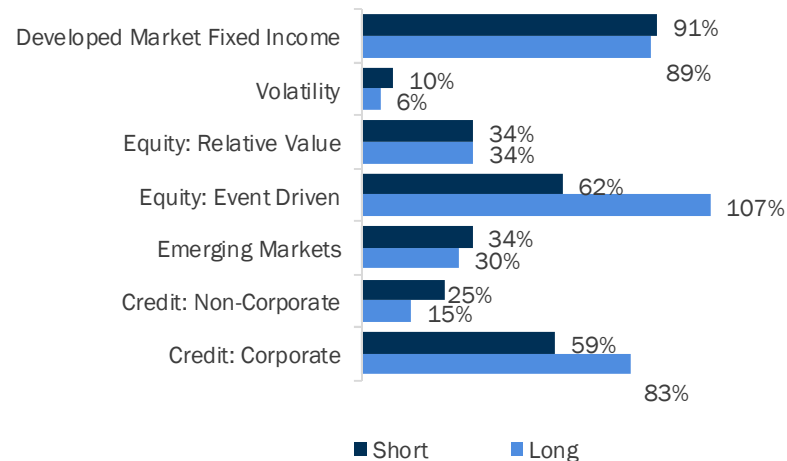
## Fund Exposure



## Regional Allocation (Long/Short)



## Sector Allocation (Long/Short)



Notes: All data provided by the investment manager.  
Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



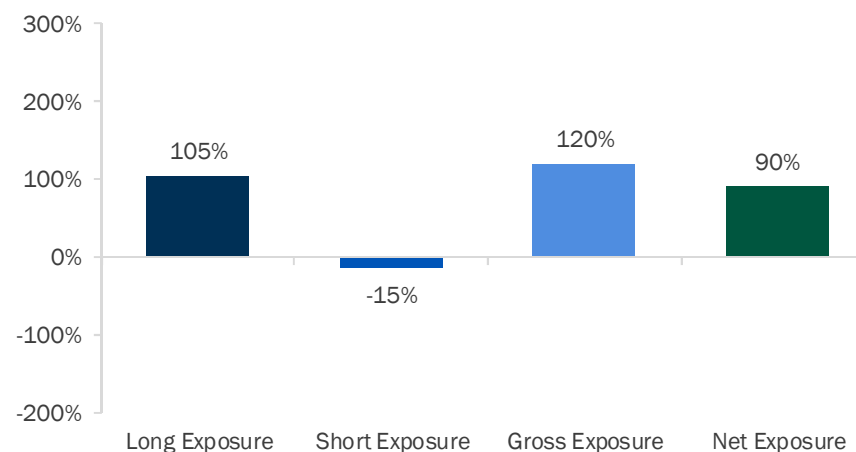
# Hedge Fund Overview: Davidson Kempner Partners Fund

As of 3/31/2018

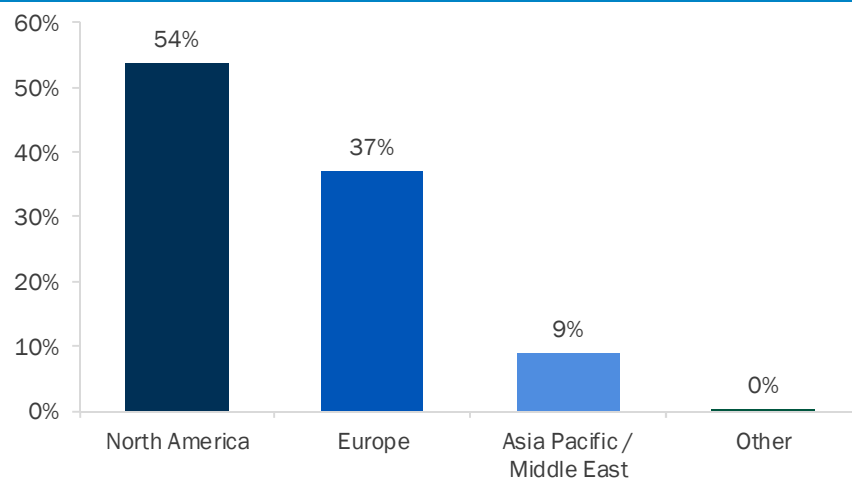
## Organizational Overview

Strategy Type	Multi-Strategy
Location of Headquarters	New York, NY
Year Founded	1983
Firm Assets Under Management (\$, B)	\$31.1
Fund Assets Under Management (\$, B)	\$22.0

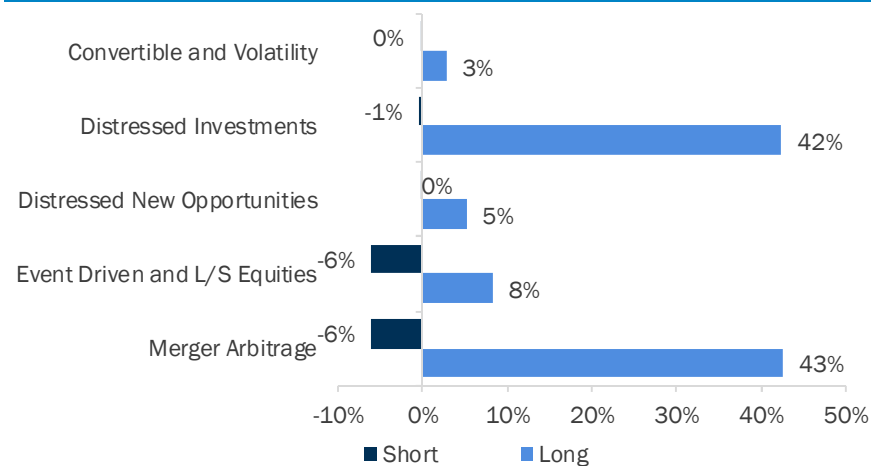
## Fund Exposure



## Regional Exposure (% of Gross)



## Strategy Exposure (Long/Short)



Notes: All data provided by the investment manager.  
Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



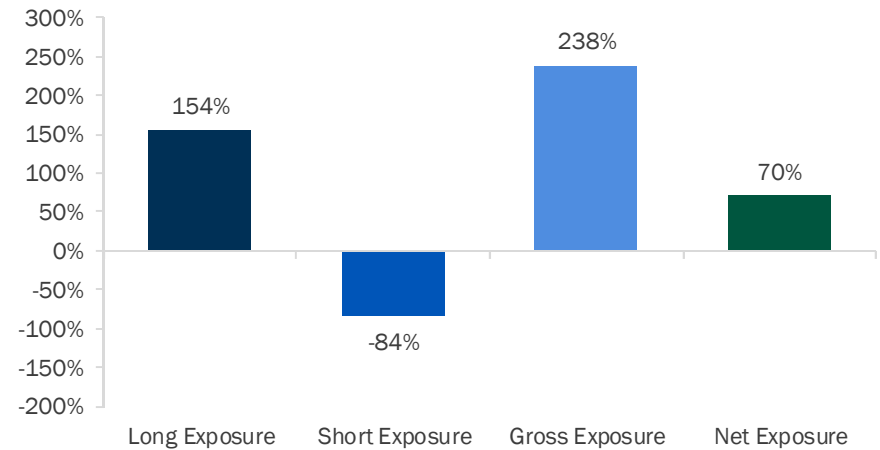
# Hedge Fund Overview: Och-Ziff Master Fund II

As of 3/31/2018

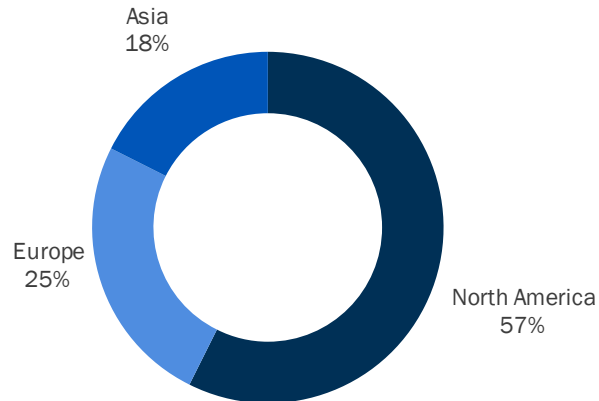
## Organizational Overview

Strategy Type	Multi-Strategy
Location of Headquarters	New York, NY
Year Founded	1994
Firm Assets Under Management (\$, B)	\$32.3
Fund Assets Under Management (\$, B)	\$11.8

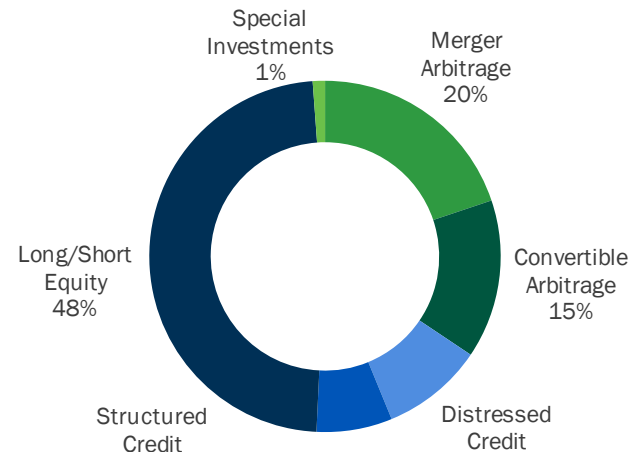
## Fund Exposure



## Geographic Exposure



## Strategy Exposure



Notes: All data provided by the investment manager.  
Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



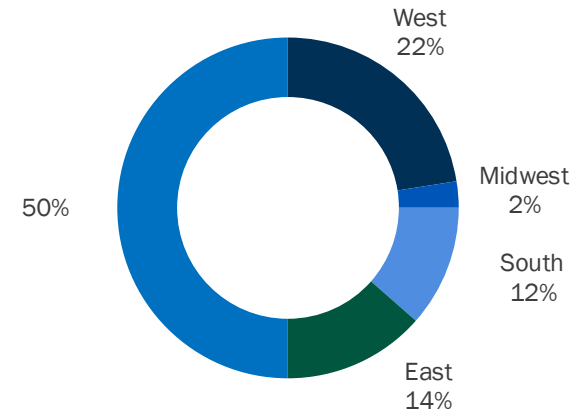
# Real Estate Overview: Principal U.S. Property

As of 6/30/2018

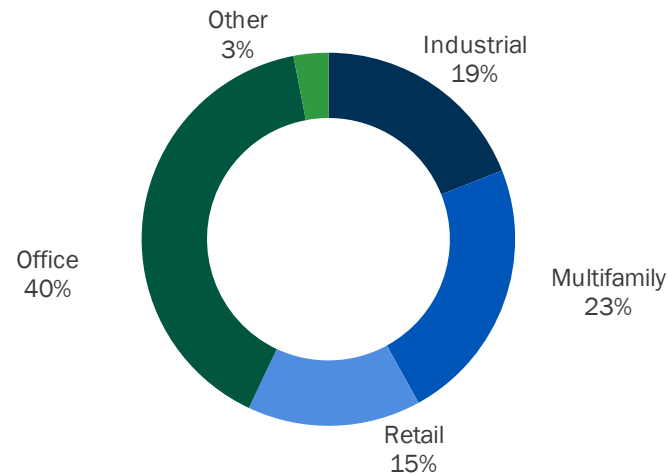
## Portfolio Characteristics

Gross Asset Value (\$,B):	\$10.2
Portfolio Leverage:	21.0%
Current Occupancy:	31.6%
Properties Held:	140

## Geographic Exposure



## Property Type





# Fixed Income Overview: MetWest Total Return Bond

As of 3/31/2018

Portfolio Characteristics	MetWest Total Return	
	Bond	Barclays Aggregate Bond
Duration	6.1 yrs	6.1 yrs
Average Maturity	7.7 yrs	8.4 yrs
Average Quality	n/a	AA
Yield to Maturity	3.6%	3.1%

Maturity Breakdown	MetWest Total Return	
	Bond	Barclays Aggregate Bond
0-1 Years	6%	0%
1-3 Years	16%	21%
3-5 Years	19%	18%
5-10 Years	44%	44%
10-20 Years	5%	4%
20+ Years	11%	12%

Sector Allocation	MetWest Total Return	
	Bond	Barclays Aggregate Bond
Cash	-4%	0%
U.S. Treasury	25%	37%
Direct Agency	0%	2%
Agency Mortgages	26%	28%
Non-Agency Mortgages	7%	0%
CMBS	6%	2%
Asset-Backed	5%	1%
Investment Grade Corp.	31%	21%
Non-Investment Grade Corp.	3%	0%
Municipals	1%	1%
Non-U.S.	0%	9%
Other	0%	0%

Quality Breakdown	MetWest Total Return	
	Bond	Barclays Aggregate Bond
AAA	58%	72%
AA	5%	4%
A	17%	11%
BBB	13%	13%
Below Investment Grade	6%	0%
Other	0%	0%

Notes: All data provided by the investment manager.

Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



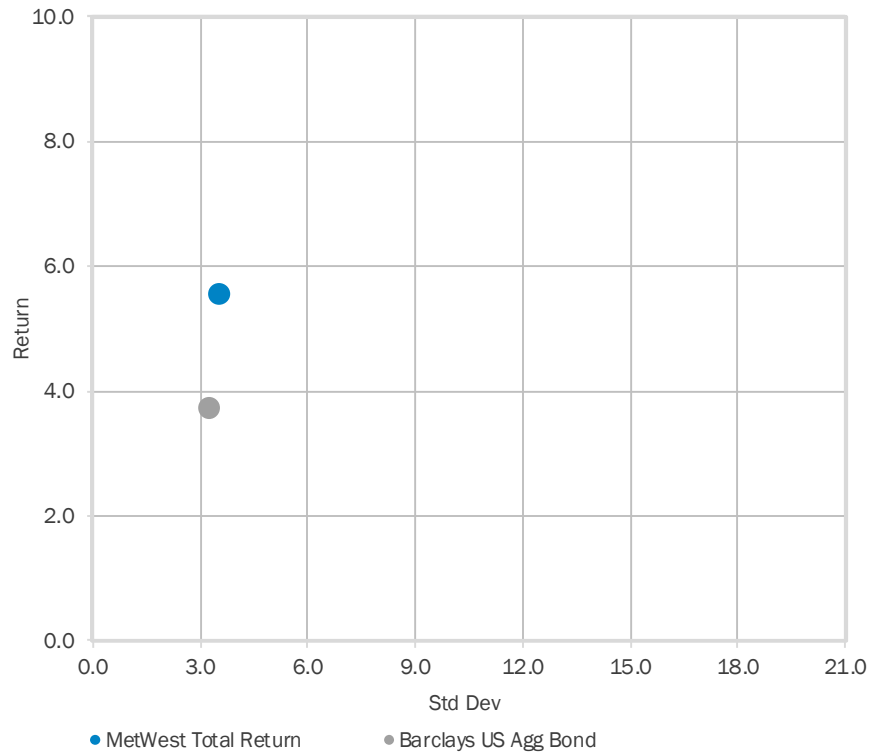
# MetWest Total Return

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
MetWest Total Return	-1.3	17.3	11.7	5.5	11.5	0.5	6.0	0.3	2.5	3.4	-1.4	1.6	2.5	5.5
Barclays US Agg Bond	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	3.5	-1.6	1.7	2.3	3.7

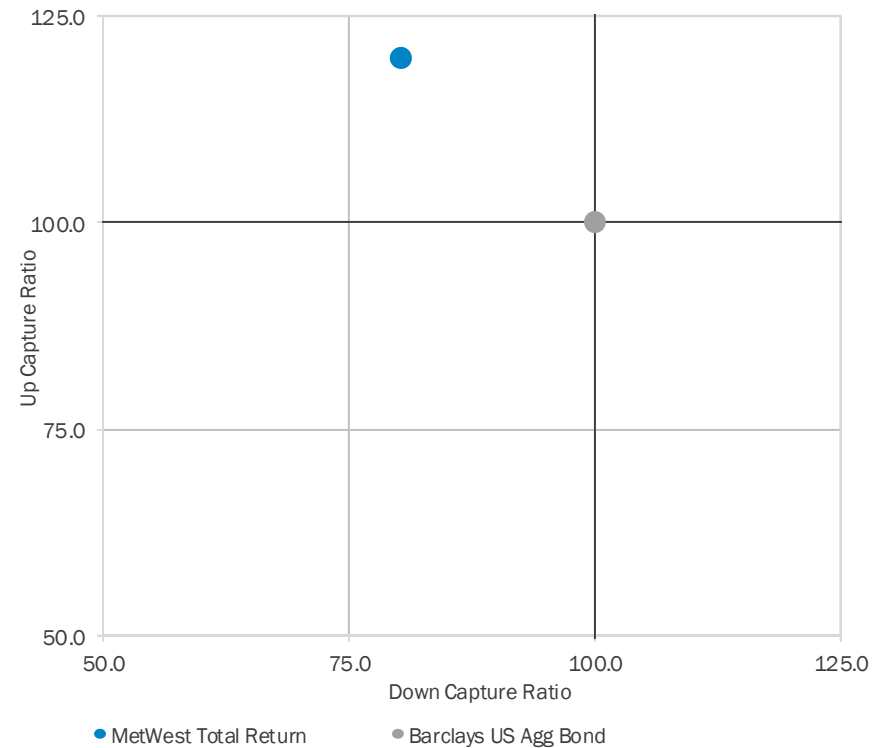
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





# Fixed Income Overview: Dodge & Cox Income

As of 3/31/2018

Portfolio Characteristics	Dodge & Cox Income	Barclays US Agg Bond	Maturity Breakdown	Dodge & Cox Income	Barclays US Agg Bond
Duration	4.2 yrs	6.1 yrs	0-1 Years	10%	0%
Average Maturity	7.8 yrs	8.4 yrs	1-3 Years	17%	21%
Average Quality	--	AA	3-5 Years	16%	18%
Yield to Maturity	3.5%	3.1%	5-10 Years	41%	44%
			10-20 Years	7%	4%
			20+ Years	10%	12%

Sector Allocation	Dodge & Cox Income	Barclays US Agg Bond	Quality Breakdown	Dodge & Cox Income	Barclays US Agg Bond
Cash	4%	0%	AAA	58%	72%
U.S. Treasury	16%	37%	AA	4%	4%
Direct Agency	0%	2%	A	4%	11%
Agency Mortgages	34%	28%	BBB	28%	13%
Non-Agency Mortgages	6%	0%	Below Investment Grade	6%	0%
CMBS	0%	2%	Other	0%	0%
Asset-Backed	5%	1%			
Investment Grade Corp.	30%	21%			
Non-Investment Grade Corp.	5%	0%			
Municipals	0%	1%			
Non-U.S.	0%	9%			
Other	0%	0%			

Notes: All data provided by the investment manager.

Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



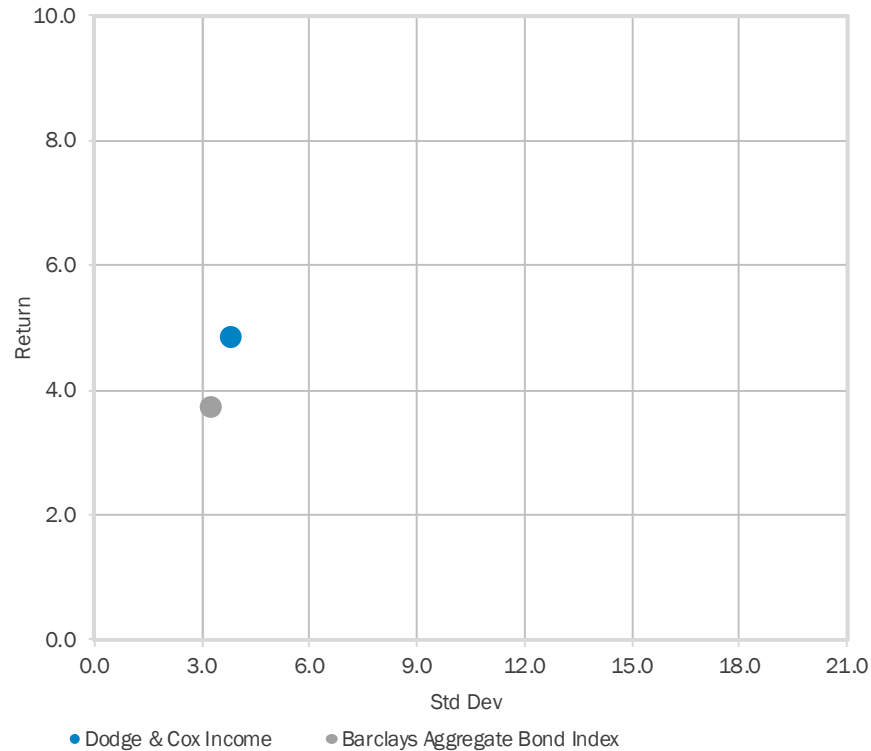
# Dodge & Cox Income

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Dodge & Cox Income	-0.3	16.1	7.2	4.8	7.9	0.6	5.5	-0.6	5.6	4.4	-1.2	2.6	3.1	4.9
Barclays Aggregate Bond Index	5.2	5.9	6.5	7.8	4.2	-2.0	6.0	0.5	2.6	3.5	-1.6	1.7	2.3	3.7

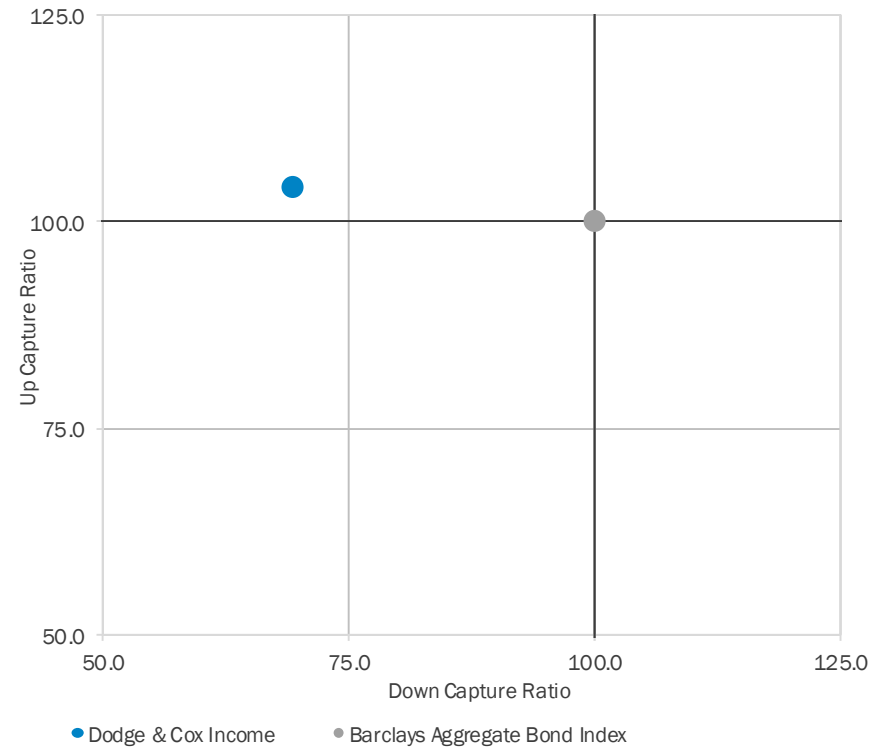
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





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# Appendix:

## Investment Manager Fee Review

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# Bi-State Development Agency Division 788 A.T.U. AFL-CIO 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	\$18.7	0.52%	\$97,396	0.90%
Large Cap Core Equity	Piedmont Market Plus	\$8.5	0.35%	\$29,698	0.89%
Large Cap Growth Equity	Argent Large Cap Growth	\$18.1	0.57%	\$103,434	0.95%
Mid Cap Growth Equity	Artisan Mid Cap	\$8.6	0.95%	\$82,079	1.08%
Mid Cap Value Equity	Vaughan Nelson Value Opportunity	\$7.3	1.23%	\$89,740	1.02%
International Equity	EuroPacific Growth Fund	\$14.4	0.50%	\$72,180	1.05%
International Equity	Harbor International	\$12.3	0.64%	\$79,003	1.05%
Emerging Markets Equity	DFA Emerging Markets Value	\$6.8	0.56%	\$38,186	1.30%
Real Estate	Principal US Real Estate	\$5.9	1.10%	\$65,396	1.05%
Hedge Fund	HBK Master Fund II	\$6.4	1.50%	\$96,166	1.73%
Hedge Fund	Davidson Kempner Partners Fund	\$6.0	1.50%	\$89,347	1.73%
Hedge Fund	Och-Ziff OZ Overseas Fund II	\$1.2	2.00%	\$24,967	1.73%
Fixed Income	MetWest Total Return	\$13.3	0.44%	\$58,684	0.66%
Fixed Income	Dodge & Cox Income	\$9.3	0.43%	\$40,104	0.66%
Money Market	First American Prime Obligation	\$2.1	0.29%	\$6,228	0.13%
<b>Total</b>		<b>\$139.3</b>	<b>0.70%</b>	<b>\$972,608</b>	<b>1.01%</b>

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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# Endnotes

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# Endnotes

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Q2

# Second Quarter 2018 Performance Report

Bi-State Development Agency  
OPEB Retirement Trust





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- II. OPEB Retirement Trust Portfolio Review
- III. Investment Manager Appendix
  - Manager Performance Review
  - Investment Program Fee Review



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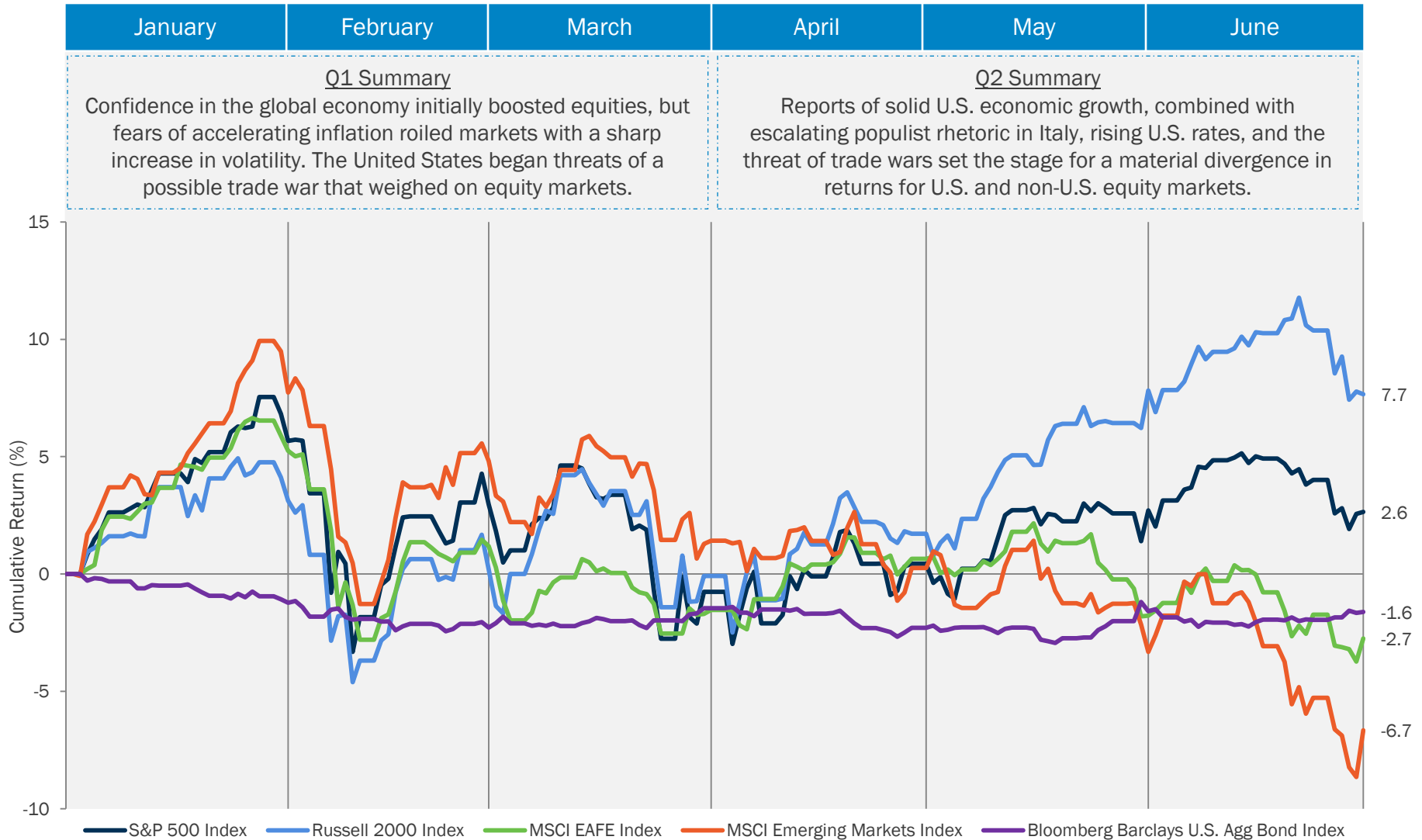
# 2<sup>nd</sup> Quarter 2018

## Capital Markets Exhibits

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# Year-To-Date Market Timeline



Source: Morningstar Direct, S&P, MSCI, Bloomberg Finance, LP

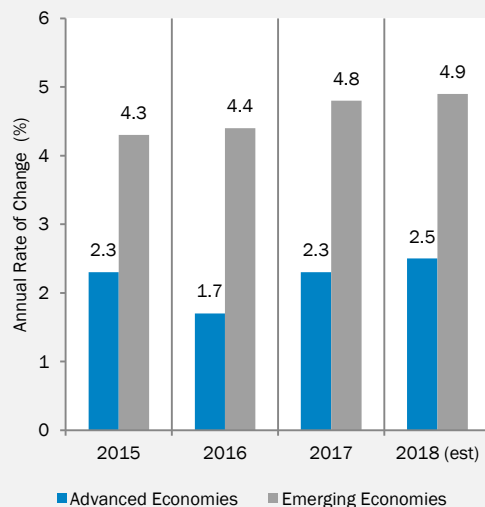


# Economic Fundamentals Remain Mostly Positive

## Real GDP Growth



- Although not uniformly robust like 2017, global GDP growth remains on steady footing with the IMF estimating global GDP to expand 3.9% in aggregate during 2018.
- PMI data softened across the Eurozone, Japan, and emerging markets while data improved in the U.S.

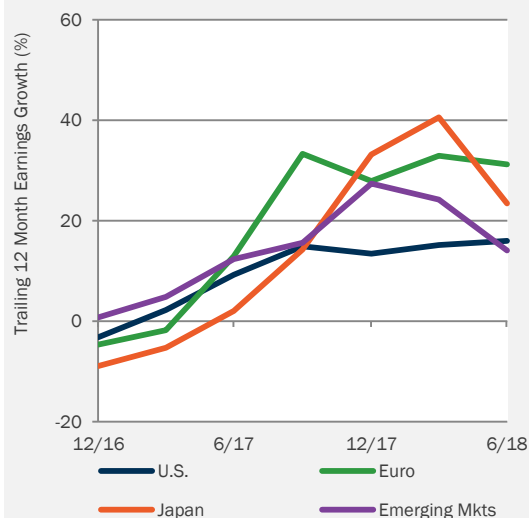


Sources: IMF World Economic Outlook, Markit

## Earnings Growth



- Earnings growth among U.S. companies steadily increased over the past year and is further supported by tax reform.
- Earnings growth among developed non-U.S. and emerging market companies have slowed from 2017's robust levels, but expectations remain positive.

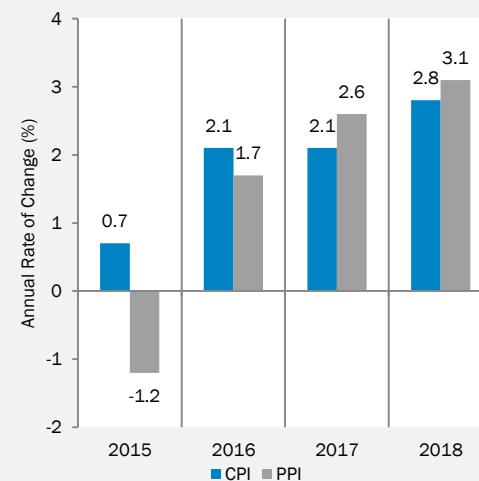


Source: MSCI

## Interest Rates and Inflation



- With the U.S. near full employment and economic growth remaining robust, inflation expectations increased.
- CPI grew near 3% over the past year and large increases in oil prices led to higher energy prices.
- The resulting increase in interest rates puts pressure on asset prices.

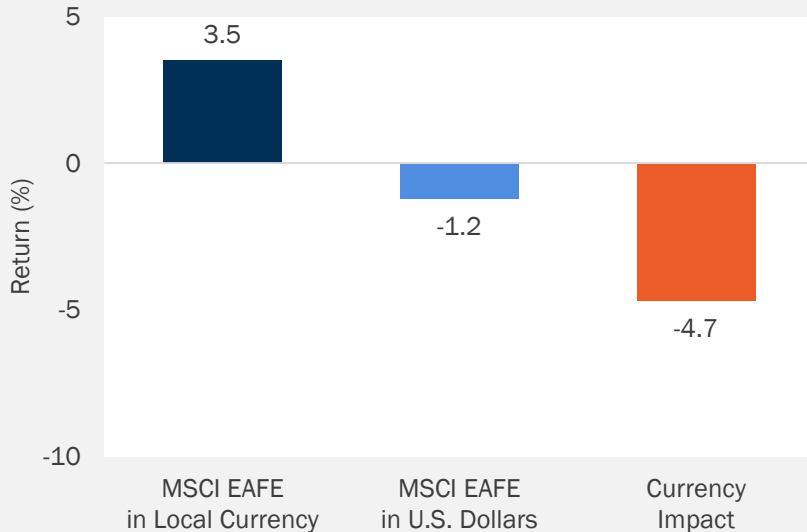


Sources: U.S. BLS; 2018 is the 12-months ending 5/31/18

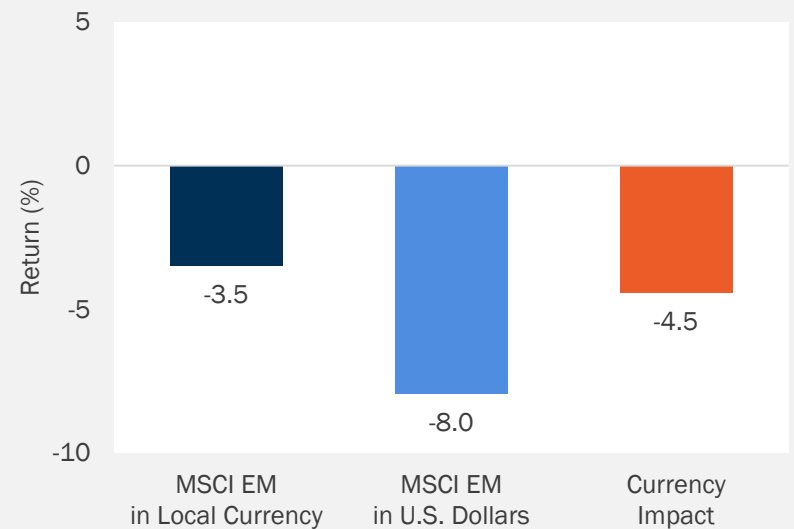


# Breadth of Global Currency Depreciation

MSCI EAFE Returns – Second Quarter



MSCI Emerging Markets Returns – Second Quarter



- Of the thirteen currencies represented in the MSCI EAFE index, twelve depreciated against the U.S. Dollar.

- Twenty-three of the twenty-four currencies in the MSCI Emerging Markets index fell against the U.S. Dollar.

- With indications of improving economic growth outlook driving an upward acceleration in U.S. inflation, expectations for a more aggressive increase of rates by the Federal Reserve broadly drove global currencies lower against the U.S. Dollar.
- Indications from the European Central Bank that it may delay interest rates increases until mid-2019, combined with political rhetoric surrounding Italian populism and Brexit, weighed on European currencies.
- Escalating trade tensions also put downward pressure on emerging market currencies, with political issues having an additional negative impact on currencies in Brazil, Russia, Turkey and South Africa.

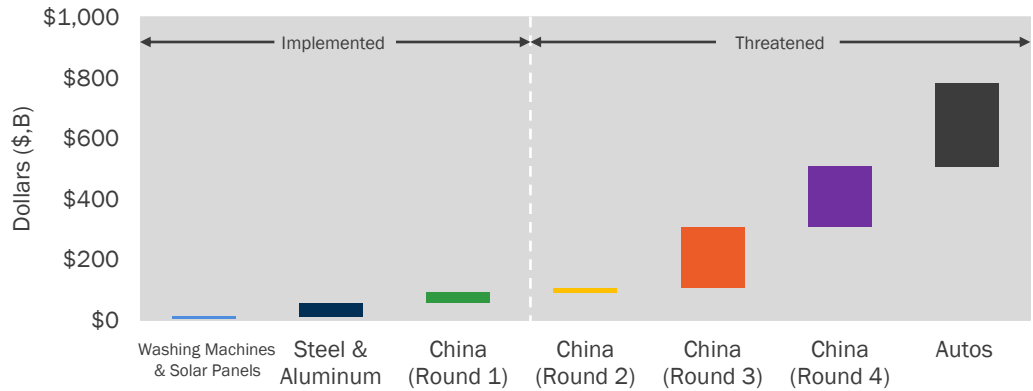


# Escalation of Trade Tensions

## Observations:

- The administration implemented tariffs on \$90 billion of exports to the U.S., including washing machines and solar panels, steel and aluminum and \$34 billion of Chinese goods.
- The impact on the global supply chain could be material if trade tensions escalate.
- Tariffs on autos could also significantly impact U.S. businesses, as auto/parts exports from Mexico and Canada contain a meaningful component of U.S. production.

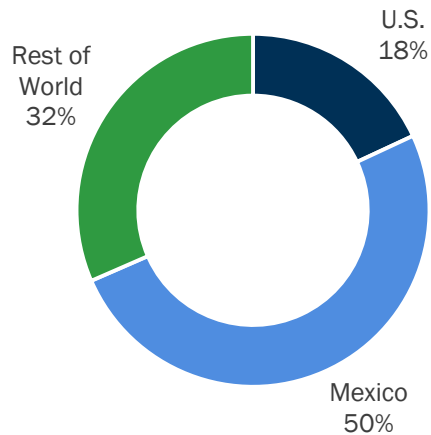
## Exports to the U.S. Subject to Tariffs - Implemented and Threatened



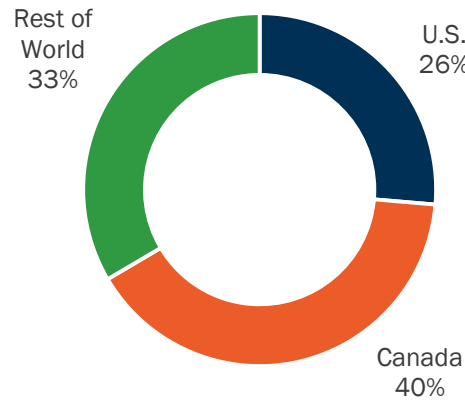
Source: Goldman Sachs, Bloomberg, L.P.

## Exports to the U.S.: Value-Added Production by Region

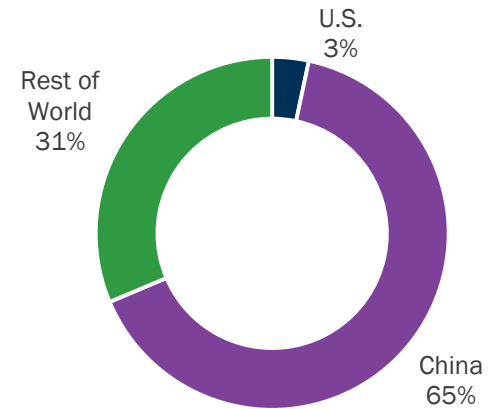
### Mexico Autos/Parts



### Canada Autos/Parts



### China All Products



Source: U.S. Department of Commerce Bureau of the Census Foreign Trade Division.



# S&P 500 Scorecard

## Sector Returns

	<u>Div. Yield<sup>(1)</sup></u>	<u>P/E Ratio<sup>(2)</sup></u>	<u>15-Yr Avg.<sup>(3)</sup></u>	
Consumer Discretionary	1.2%	22.3x	19.0x	8.2% 11.5%
Technology	1.2%	28.5x	20.9x	7.1% 10.9%
Energy	2.7%	19.4x	15.3x	13.5% 6.8%
S&P 500	1.9%	21.0x	17.4x	3.4% 2.6%
Health Care	1.7%	29.0x	20.8x	3.1% 1.8%
Real Estate	3.4%	41.6x	38.6x	6.1% 0.8%
Utilities	3.6%	17.3x	16.7x	3.7% 0.3%
Materials	2.0%	23.1x	18.9x	-3.1% 2.6%
Financials	1.8%	14.5x	14.7x	-3.2% -4.1%
Industrials	2.0%	19.1x	18.1x	-3.2% -4.7%
Telecom	5.7%	6.6x	19.7x	-0.9% -8.4%
Consumer Staples	3.0%	20.2x	19.2x	-1.5% -8.5%

■ 2<sup>nd</sup> Quarter 2018 ■ Year-To-Date 2018

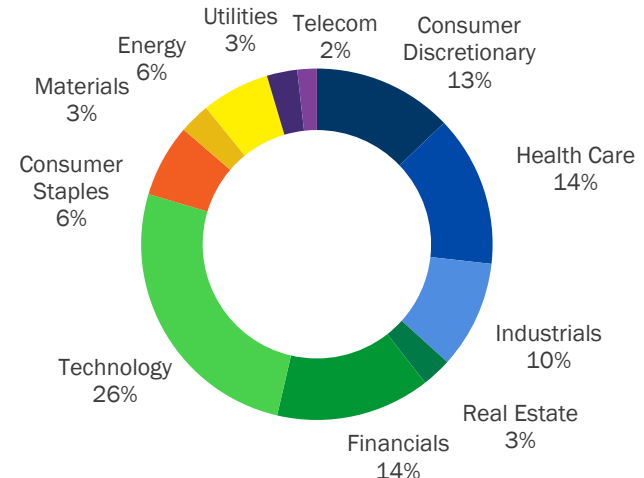
Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global

<sup>(1)</sup>Trailing 12 month Dividend Yield as of 6/30/2018.

<sup>(2)</sup>Trailing 12 month P/E as of 6/30/2018.

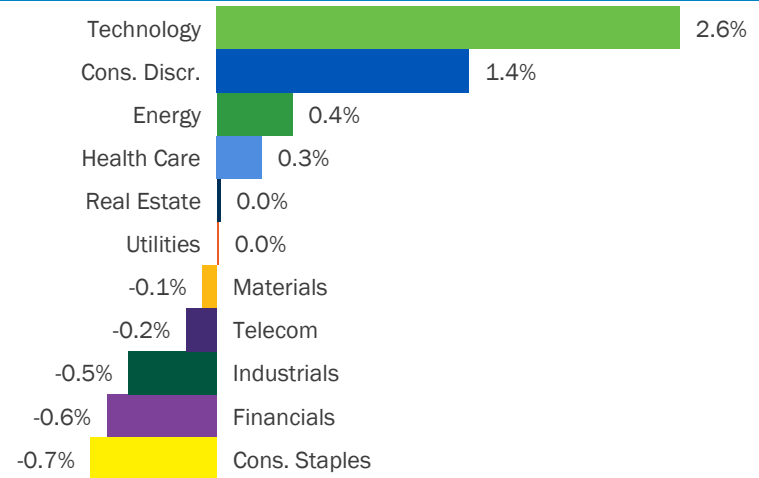
<sup>(3)</sup>15-year average trailing 12 month P/E as of 6/30/2018.

## Sector Weights



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P

## Sector YTD Contribution

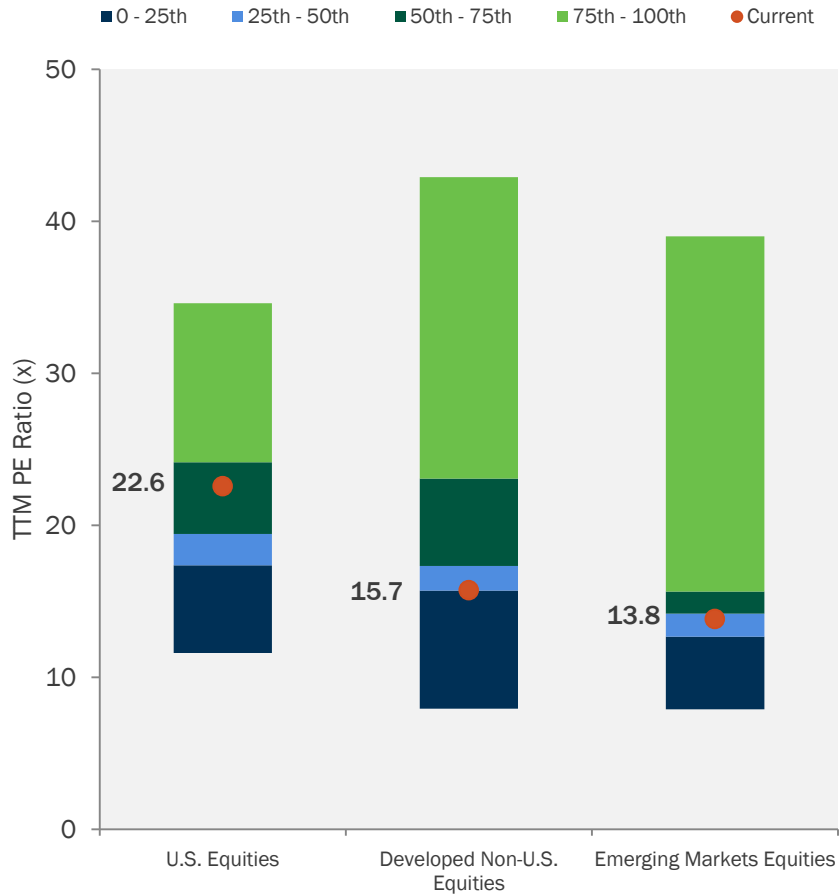


Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, GICS

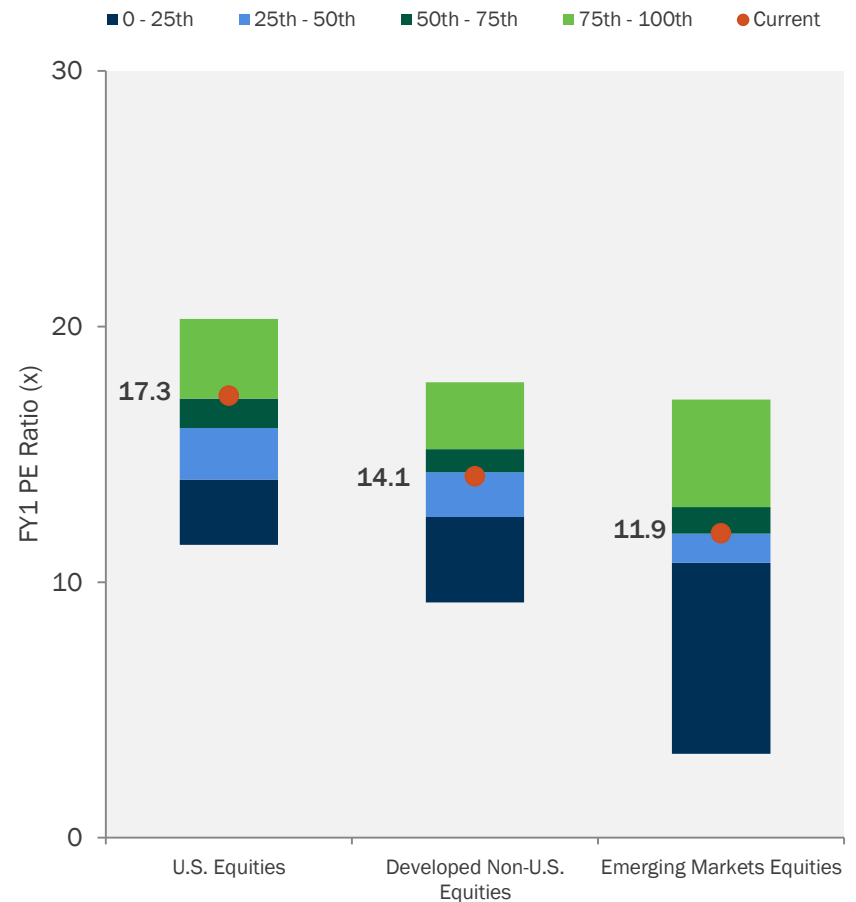


# Equity Valuations

Trailing Price to Earnings Ratio (Last 20 Years)



Forward Price to Earnings Ratio (Last 13 Years)



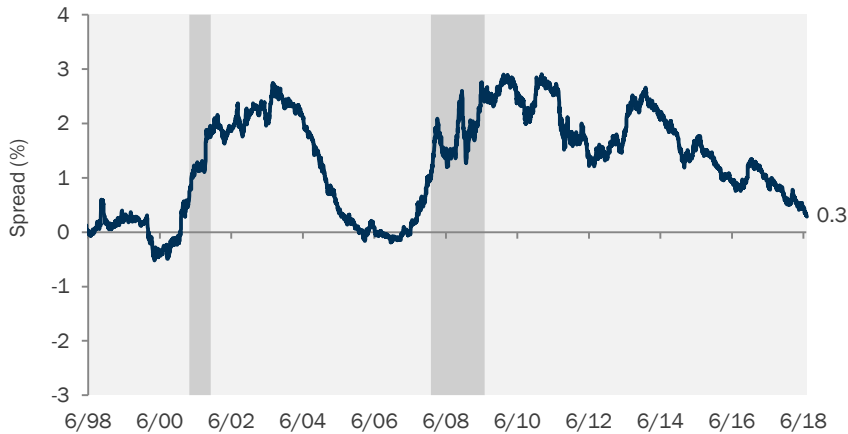
Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018

Source: Bloomberg Finance, LP, MSCI, As of 6/30/2018



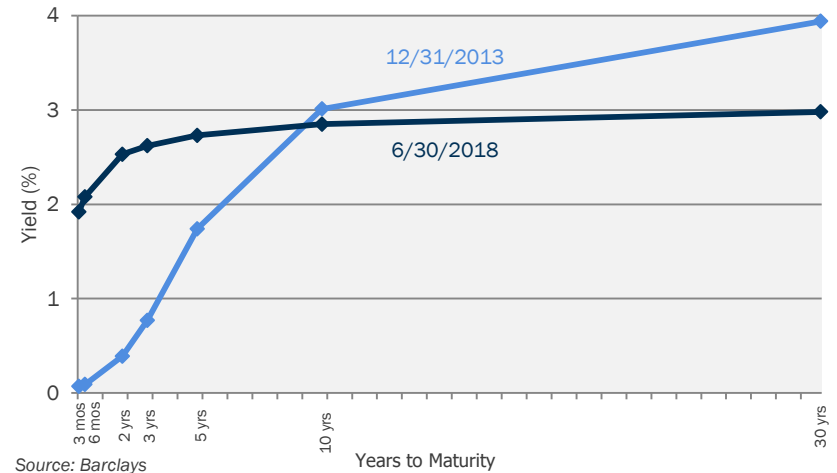
# Rates and Spreads

U.S. Treasury 2-10 Yield Spread



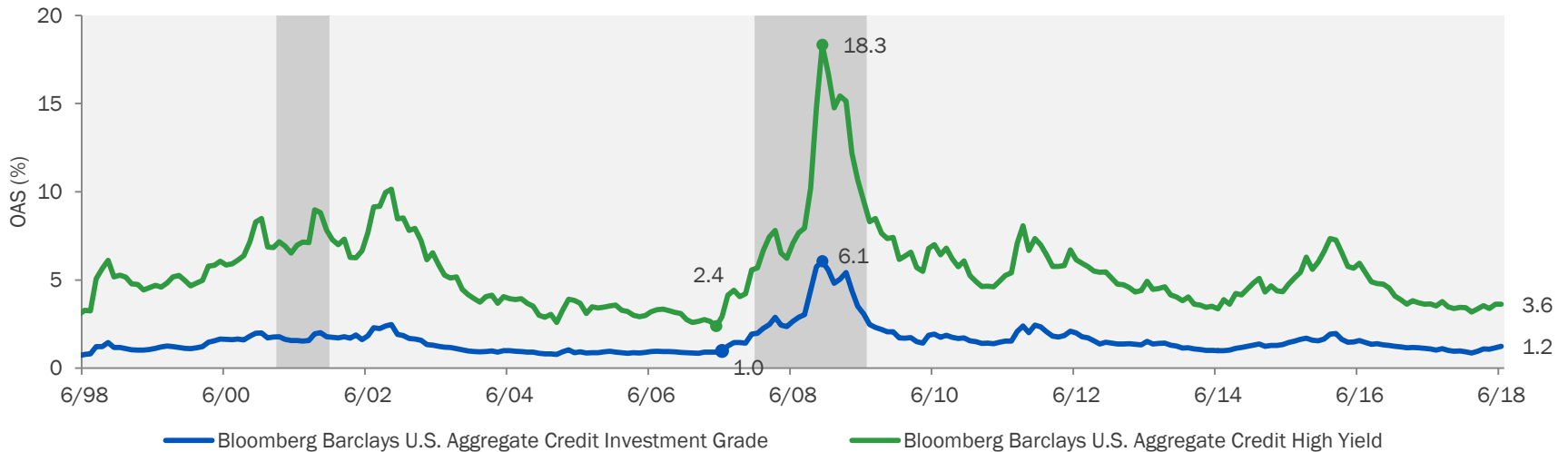
Source: Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018

U.S. Treasury Yield Curve



Source: Barclays

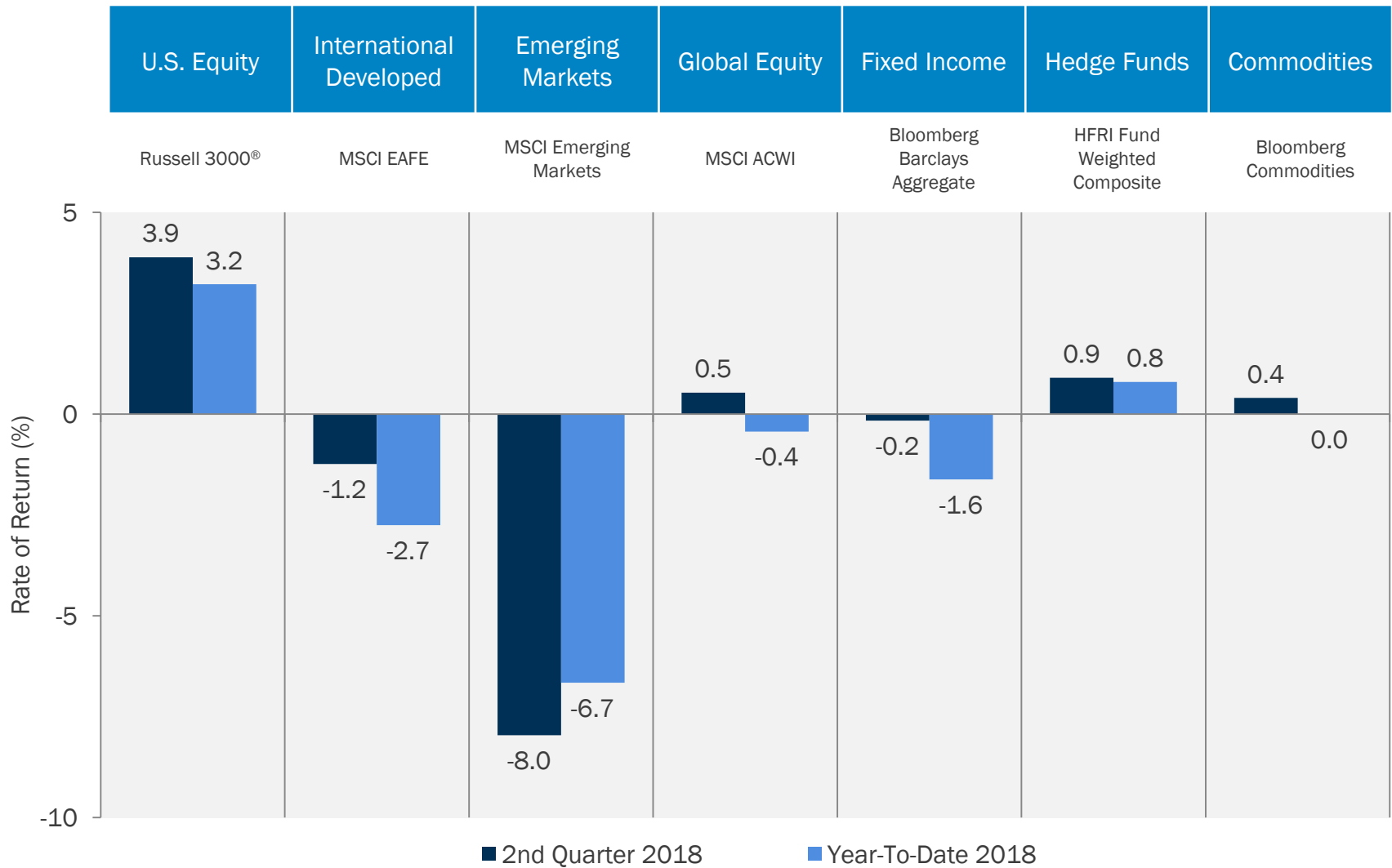
Fixed Income Spreads Relative to Treasuries (Last 20 Years)



Source: Factset, Bloomberg Finance, LP, Grey bars represent U.S. recessions; As of 6/30/2018



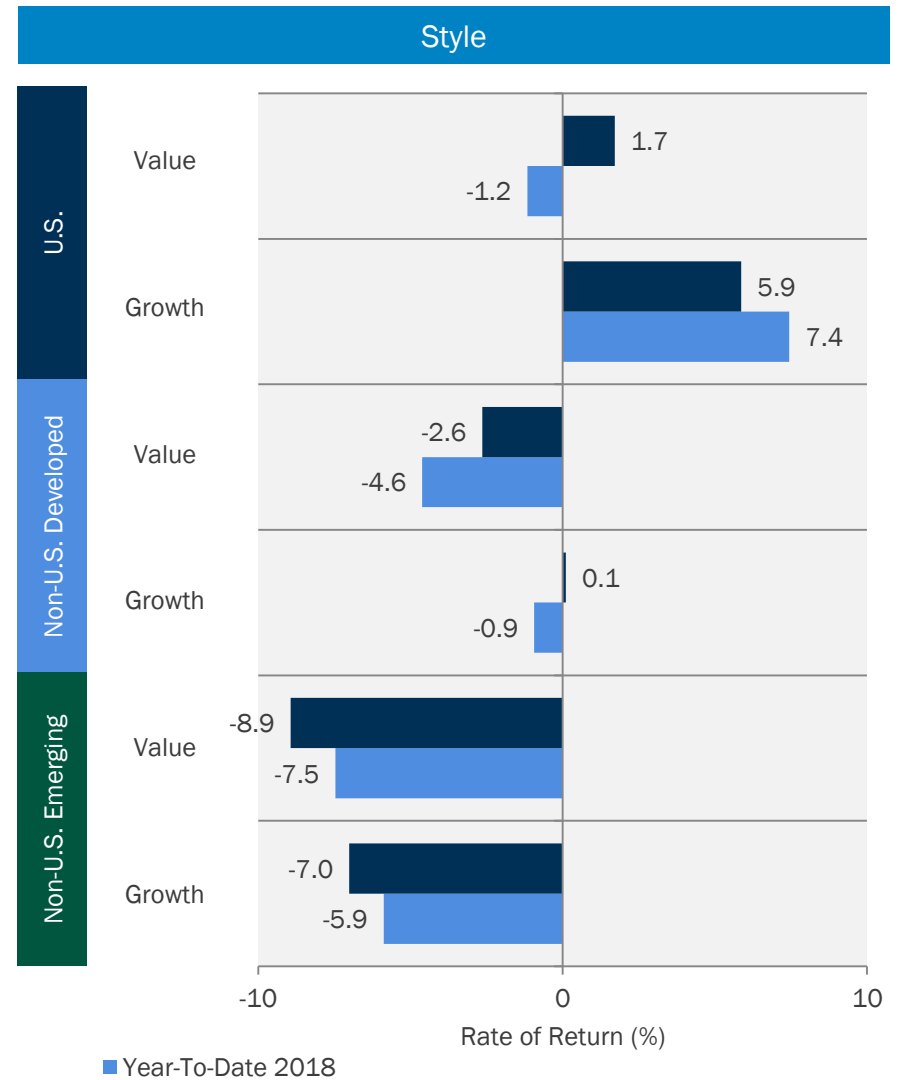
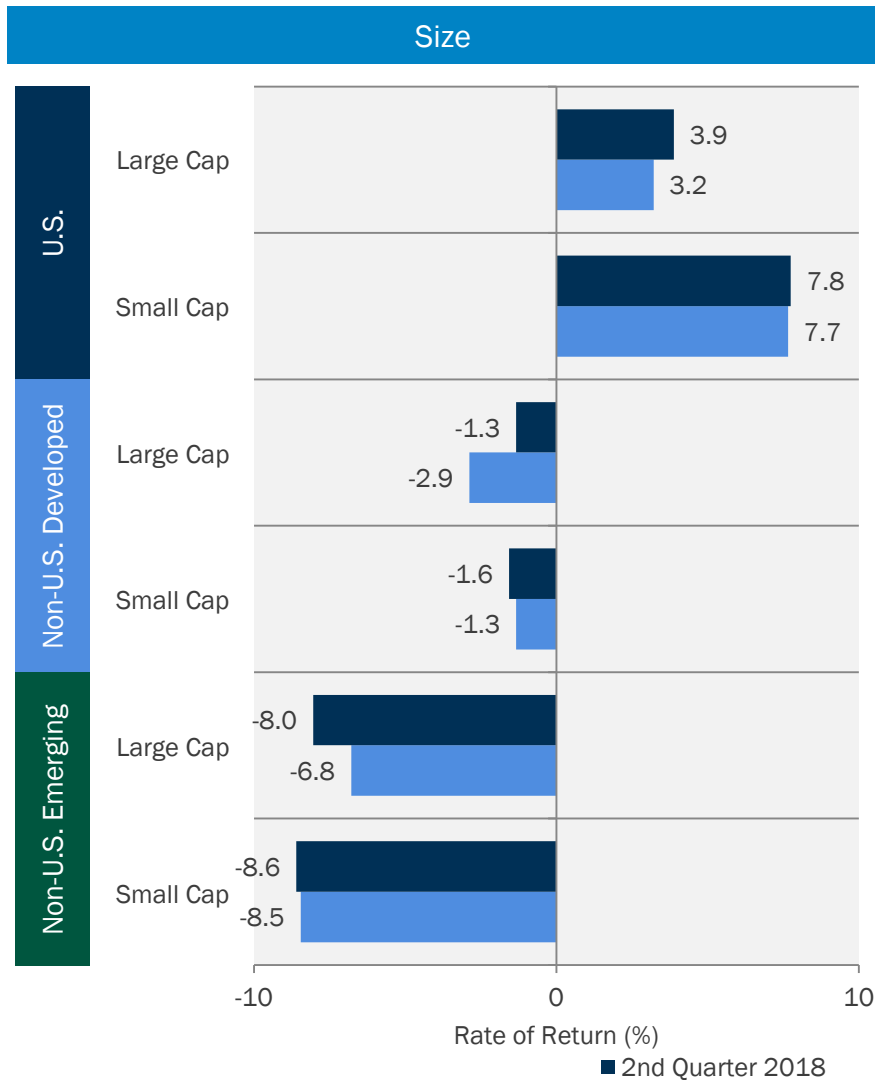
# Market Overview



Source: Morningstar Direct, S&P Dow Jones Indices LLC, a division of S&P Global, Russell, MSCI, HFRI, Bloomberg Finance, LP



# Global Equity Factor Performance

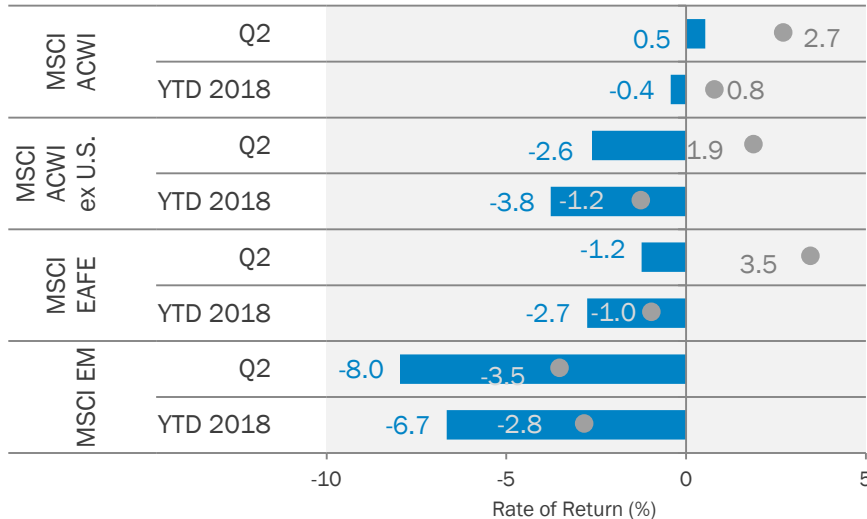


Note: Indices above are the respective size and style sub-indices of Russell, MSCI, and MSCI.  
 Source: Morningstar Direct, Russell, MSCI, S&P Dow Jones Indices LLC, a division of S&P Global



# Non-U.S. / Global Equity Markets

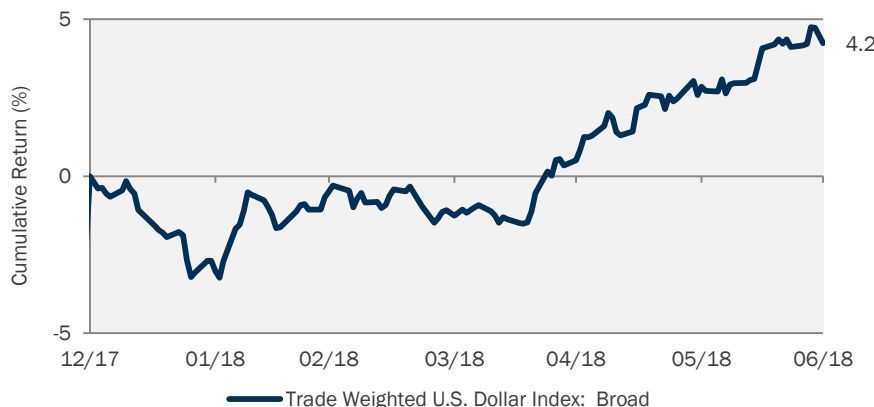
## Market Returns



Source: Morningstar Direct, MSCI

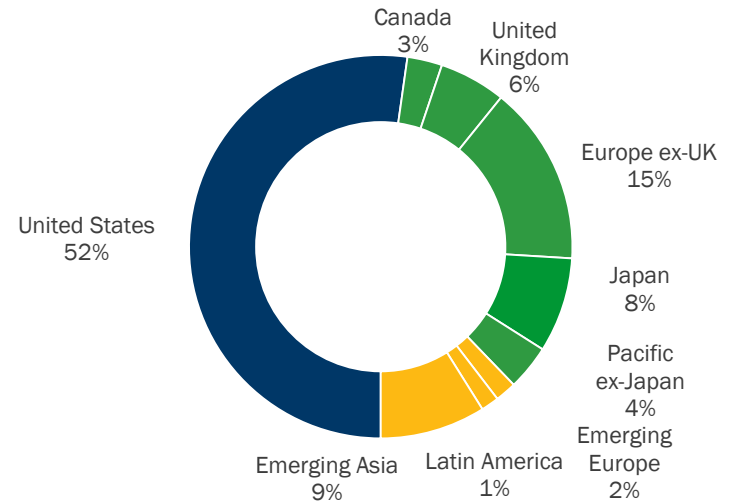
■ USD Return ● Local Return

## U.S. Dollar vs. Foreign Currencies



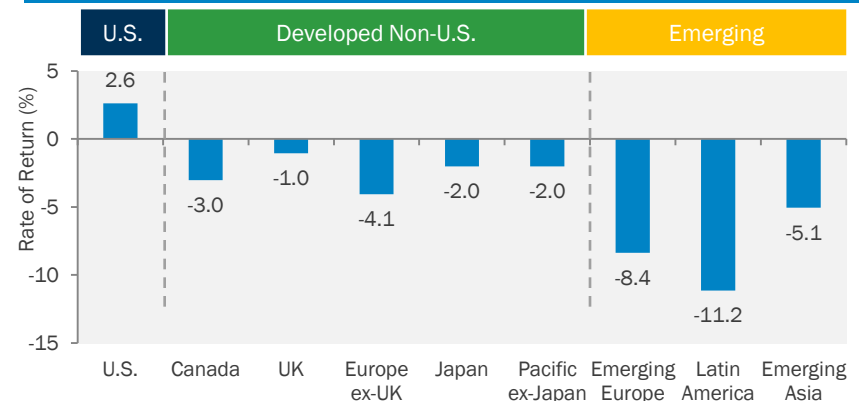
Source: Federal Reserve Board; U.S. trade-weighted index, As of 6/29/2018

## MSCI ACWI Equity Weights



Source: MSCI

## YTD Regional Market Returns (USD)



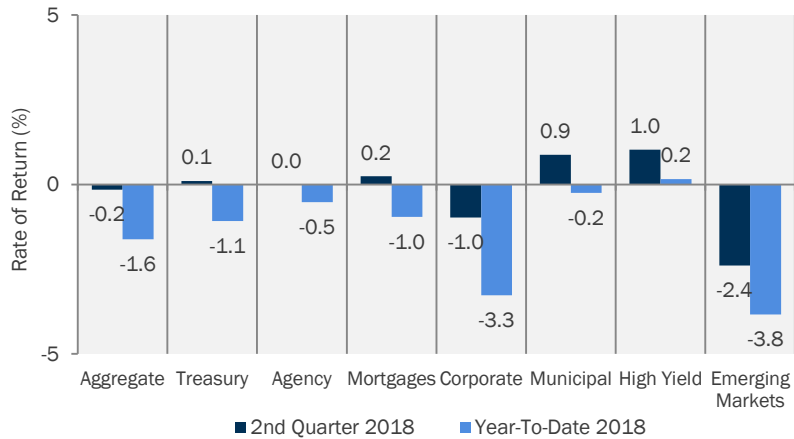
Source: Morningstar Direct, MSCI



# Fixed Income Markets

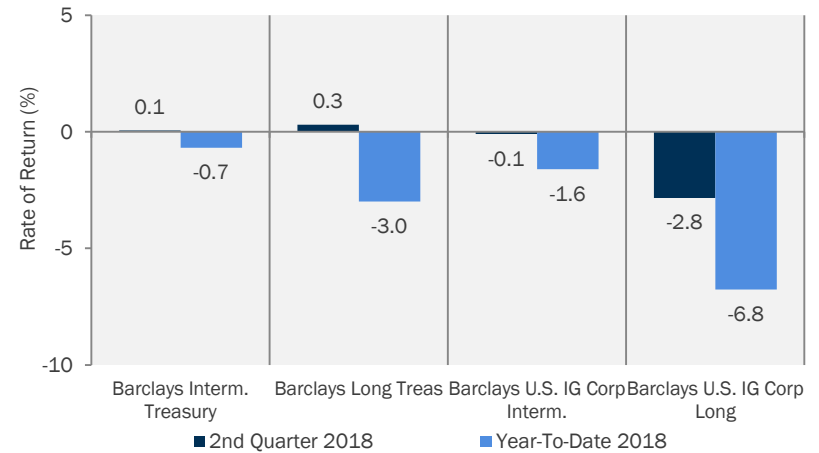
## Bond Market Returns

Returns by Sector



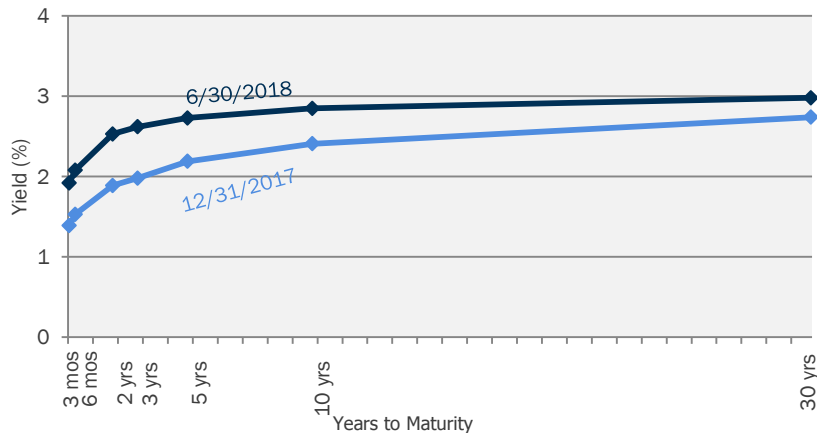
Source: Morningstar Direct

Returns by Duration



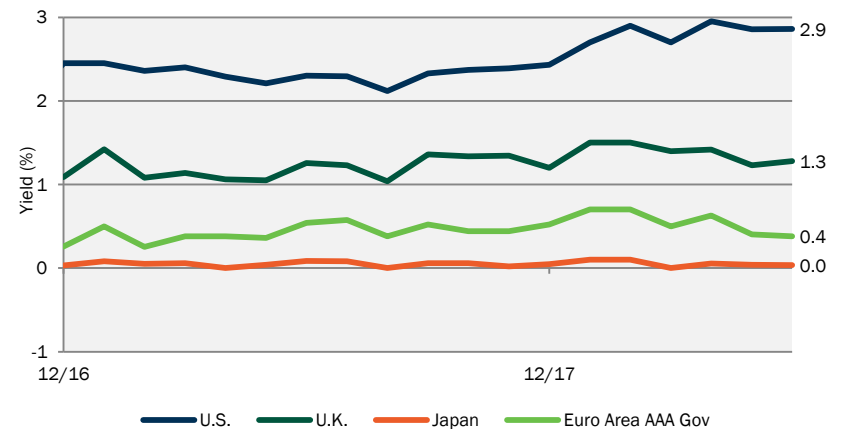
Source: Morningstar Direct

## U.S. Treasury Yield Curve



Source: Barclays

## Global Ten Year Government Spot Yields

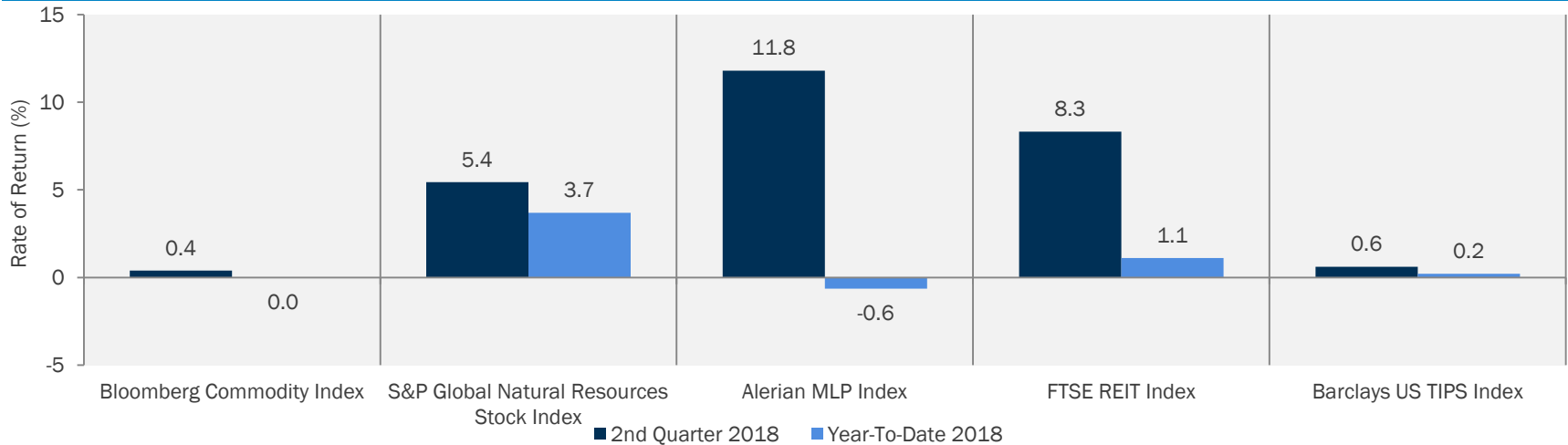


Source: Bloomberg Finance, LP



# Real Assets

## Asset Class Performance



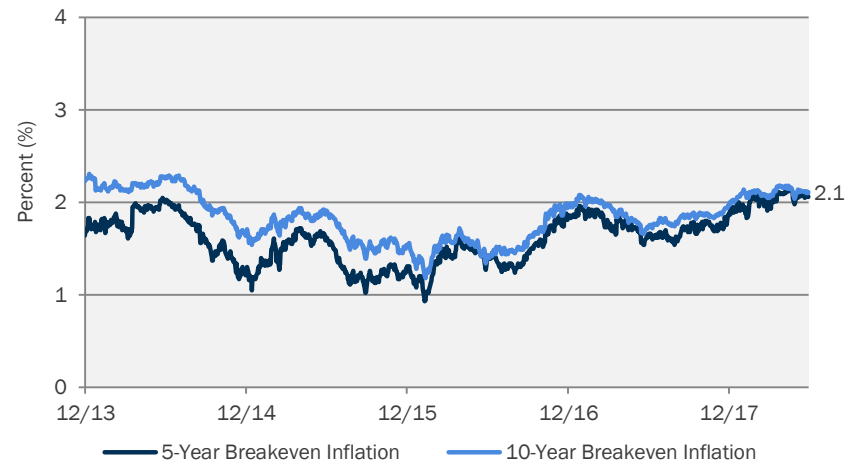
Source: Morningstar Direct, Bloomberg Finance, LP, S&P, Barclays, S&P Dow Jones Indices LLC, a division of S&P Global, Alerian, FTSE

## WTI Crude Oil Prices



Source: Bloomberg Finance, LP; As of 6/29/2018

## United States Breakeven Inflation



Source: Federal Reserve; As of 6/29/2018



# World Markets Heat Map

	Calendar Year Returns									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
U.S. Equity										
S&P 100 Index	22.3%	12.5%	3.2%	16.1%	30.4%	12.7%	2.6%	11.4%	22.0%	2.0%
S&P 500 Index	26.5%	15.1%	2.1%	16.0%	32.4%	13.7%	1.4%	12.0%	21.8%	2.6%
Russell 1000 Value Index	19.7%	15.5%	0.4%	17.5%	32.5%	13.5%	-3.8%	17.3%	13.7%	-1.7%
Russell 1000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell 2000 Index	27.2%	26.8%	-4.2%	16.4%	38.8%	4.9%	-4.4%	21.3%	14.6%	7.7%
Russell 2000 Value Index	20.5%	24.5%	-5.5%	18.1%	34.5%	4.2%	-7.5%	31.7%	7.8%	5.4%
Russell 2000 Growth Index	34.5%	29.1%	-2.9%	14.6%	43.3%	5.6%	-1.4%	11.3%	22.2%	9.7%
Russell Micro Cap Index	27.5%	28.9%	-9.3%	19.7%	45.6%	3.6%	-5.2%	20.4%	13.2%	10.7%
Non U.S. Equity										
MSCI ACWI ex U.S. Index	41.5%	11.2%	-13.7%	16.8%	15.3%	-3.9%	-5.7%	4.5%	27.2%	-3.8%
MSCI EAFE Index	31.8%	7.7%	-12.1%	17.3%	22.8%	-4.9%	-0.8%	1.0%	25.0%	-2.7%
MSCI EAFE Small Cap Index	46.8%	22.0%	-15.9%	20.0%	29.3%	-4.9%	9.6%	2.2%	33.0%	-1.3%
MSCI Emerging Markets Index	78.5%	18.9%	-18.4%	18.2%	-2.6%	-2.2%	-14.9%	11.2%	37.3%	-6.7%
MSCI Emerging Mkts. Small Cap Index	113.8%	27.2%	-27.2%	22.2%	1.0%	1.0%	-6.8%	2.3%	33.8%	-8.5%
MSCI Frontier Markets Index	11.6%	23.8%	-18.7%	8.9%	25.9%	6.8%	-14.5%	2.7%	31.9%	-10.9%
Global										
MSCI ACWI Index	34.6%	12.7%	-7.4%	16.1%	22.8%	4.2%	-2.4%	7.9%	24.0%	-0.4%
Fixed Income										
Barclays US Aggregate Index	5.9%	6.5%	7.8%	4.2%	-2.0%	6.0%	0.5%	2.6%	3.5%	-1.6%
Barclays US Inv. Grade. Corp. Index	18.7%	9.0%	8.1%	9.8%	-1.5%	7.4%	-0.7%	6.1%	6.4%	-3.3%
Barclays High Yield Index	58.2%	15.1%	5.0%	15.8%	7.4%	2.5%	-4.5%	17.1%	7.5%	0.2%
Barclays US Corp Long AA+ Index	4.9%	10.1%	19.1%	10.1%	-7.8%	18.7%	-1.1%	6.9%	10.8%	-4.3%
Barclays US Treasury Long Index	-12.9%	9.4%	29.9%	3.6%	-12.7%	25.1%	-1.2%	1.3%	8.5%	-3.0%
Barclays U.S. Municipal Bond Index	12.9%	2.4%	10.7%	6.8%	-2.6%	9.1%	3.3%	0.2%	5.4%	-0.2%
Barclays Global Agg. ex. U.S. Index	7.5%	4.9%	4.4%	4.1%	-3.1%	-3.1%	-6.0%	1.5%	10.5%	-1.3%
Barclays EM Debt (Local) Gov't Index	17.1%	12.5%	0.3%	13.9%	-4.3%	-1.9%	-10.4%	5.9%	14.3%	-5.5%
Alternatives										
Bloomberg Commodity Index	18.9%	16.8%	-13.3%	-1.1%	-9.5%	-17.0%	-24.7%	11.8%	1.7%	0.0%
Bloomberg Commodity – Gold	22.9%	28.7%	9.6%	6.1%	-28.7%	-1.7%	-10.9%	7.7%	12.8%	-4.6%
Bloomberg Commodity – WTI Crude Oil	4.4%	3.8%	-3.6%	-11.8%	6.8%	-41.7%	-44.3%	7.1%	5.1%	23.2%
Bloomberg Commodity – Agriculture	13.7%	38.5%	-14.4%	4.0%	-14.3%	-9.2%	-15.6%	2.1%	-11.0%	-5.8%
FTSE REIT Index	27.4%	27.6%	7.3%	20.1%	3.2%	27.1%	2.3%	9.3%	9.3%	1.1%

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018

	Annualized Returns					TTM P/E	Div. Yield
	YTD	1-Yr	3-Yr	5-Yr	10-Yr		
U.S. Equity							
S&P 100 Index	2.0%	14.3%	12.0%	13.1%	10.0%	21.0x	2.1%
S&P 500 Index	2.6%	14.4%	11.9%	13.4%	10.2%	20.4x	2.0%
Russell 1000 Value Index	-1.7%	6.8%	8.3%	10.3%	8.5%	15.9x	2.6%
Russell 1000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	27.5x	1.2%
Russell 2000 Index	7.7%	17.6%	11.0%	12.5%	10.6%	18.2x	1.4%
Russell 2000 Value Index	5.4%	13.1%	11.2%	11.2%	9.9%	14.9x	2.1%
Russell 2000 Growth Index	9.7%	21.9%	10.6%	13.6%	11.2%	24.7x	0.7%
Russell Micro Cap Index	10.7%	20.2%	10.5%	12.8%	10.6%	16.6x	1.2%
Non U.S. Equity							
MSCI ACWI ex U.S. Index	-3.8%	7.3%	5.1%	6.0%	2.5%	14.4x	3.2%
MSCI EAFE Index	-2.7%	6.8%	4.9%	6.4%	2.8%	14.6x	3.2%
MSCI EAFE Small Cap Index	-1.3%	12.4%	10.1%	11.3%	6.8%	15.2x	2.6%
MSCI Emerging Markets Index	-6.7%	8.2%	5.6%	5.0%	2.3%	13.4x	3.1%
MSCI Emerging Mkts. Small Cap Index	-8.5%	5.6%	2.5%	4.3%	4.4%	13.2x	2.5%
MSCI Frontier Markets Index	-10.9%	1.7%	2.1%	4.5%	-2.5%	12.9x	3.4%
Global							
MSCI ACWI Index	-0.4%	10.7%	8.2%	9.4%	5.8%	17.1x	2.5%
Fixed Income						Duration	YTW
Barclays US Aggregate Index	-1.6%	-0.4%	1.7%	2.3%	3.7%	6.0	3.3%
Barclays US Inv. Grade. Corp. Index	-3.3%	-0.8%	3.1%	3.5%	5.4%	7.3	4.0%
Barclays High Yield Index	0.2%	2.6%	5.5%	5.5%	8.2%	3.9	6.5%
Barclays US Corp Long AA+ Index	-4.3%	0.3%	5.2%	5.9%	7.4%	14.1	4.0%
Barclays US Treasury Long Index	-3.0%	-0.1%	3.4%	4.5%	6.1%	17.2	3.0%
Barclays U.S. Municipal Bond Index	-0.2%	1.6%	2.9%	3.5%	4.4%	6.0	2.7%
Barclays Global Agg. ex. U.S. Index	-1.3%	2.8%	3.2%	0.9%	1.8%	7.9	0.9%
Barclays EM Debt (Local) Gov't Index	-5.5%	-0.8%	1.9%	0.5%	--	5.8	5.3%
Alternatives							
Bloomberg Commodity Index	0.0%	7.3%	-4.5%	-6.4%	-9.0%	--	--
Bloomberg Commodity – Gold	-4.6%	0.2%	1.5%	-0.1%	2.3%	--	--
Bloomberg Commodity – WTI Crude Oil	23.2%	58.9%	-8.3%	-14.0%	-17.9%	--	--
Bloomberg Commodity – Agriculture	-5.8%	-13.3%	-9.9%	-9.5%	-7.1%	--	--
FTSE REIT Index	1.1%	4.8%	9.2%	9.0%	8.5%	--	--

Source: Morningstar Direct, Bloomberg Finance, LP, Russell, S&P Dow Jones Indices LLC, a division of S&P, FTSE; As of 6/30/2018



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# OPEB Retirement Trust Portfolio Review

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# Bi-State Development Agency OPEB Trust

## Total Portfolio Overview

As of June 30, 2018

### YTD Activity (\$, millions)

Beginning Value (1/1/18): \$29.0

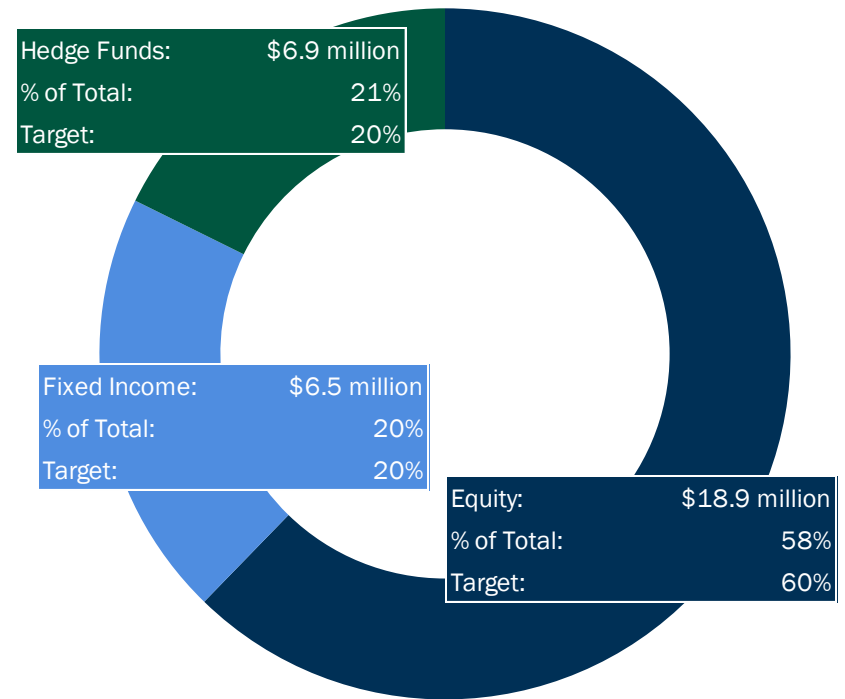
Contributions: \$3.0

Withdrawals: \$0.0

Investment Earnings: \$0.4

Ending Value (6/30/18): \$32.4

### Asset Allocation



**Total Assets: \$32.4 million**

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



# Bi-State Development Agency OPEB Trust

## Asset Allocation Overview

As of June 30, 2018

	Current Allocation	Target Allocation	+/- Target
Domestic Equity			
Vanguard Institutional Index	23.4%	24.0%	-0.6%
DFA Targeted Value Small Cap Value	7.5%	6.0%	1.5%
Artisan Mid Cap Fund	5.5%	6.0%	-0.5%
<b>Total Domestic Equity</b>	<b>36.4%</b>	<b>36.0%</b>	<b>0.4%</b>
International Equity			
Neuberger Berman International	11.3%	12.0%	-0.7%
Harbor International	10.7%	12.0%	-1.3%
<b>Total International Equity</b>	<b>22.1%</b>	<b>24.0%</b>	<b>-1.9%</b>
Hedge Funds			
Blackstone Park	10.3%	10.0%	0.3%
Blackstone Hedged Equity	11.1%	10.0%	1.1%
<b>Total Hedge Funds</b>	<b>21.4%</b>	<b>20.0%</b>	<b>1.4%</b>
Fixed Income			
TCW MetWest Low Duration	20.1%	20.0%	0.1%
Cash	0.1%	0.0%	0.1%
<b>Total Fixed Income</b>	<b>20.2%</b>	<b>20.0%</b>	<b>0.2%</b>
<b>Total Portfolio</b>	<b>100.0%</b>	<b>100.0%</b>	<b>--</b>

Notes: Totals may not add to 100% due to rounding.  
Cash balance is \$17,552 as of June 30, 2018.



# Bi-State Development Agency OPEB Trust

## Portfolio Manager Allocations

As of June 30, 2018

### Equity Manager Structure

	Value	Growth
U.S. Large Cap	Vanguard S&P 500 Index \$7.6 million 23.4% of Total	
U.S. Mid/ Small Cap	DFA Targeted Value Small Cap Value \$2.4 million 7.5% of Total	Artisan Mid Cap Growth \$1.8 million 5.5% of Total
Int'l Large Cap	Neuberger Berman International Equity \$3.7 million 11.3% of Total	Harbor International Equity \$3.5 million 10.7% of Total

Total Equity = 58% of Total

### Fixed Income Manager Structure

TCW MetWest Low Duration \$6.5 million 20.1% of Total	Cash \$0.0 million 0.1% of Total
--	--

Total Fixed Income = 20% of Total

### Alternative Manager Structure

Blackstone Park \$3.3 million 10.3% of Total	Blackstone Hedged Equity \$3.6 million 11.1% of Total
---	--

Total Alternatives = 21% of Total

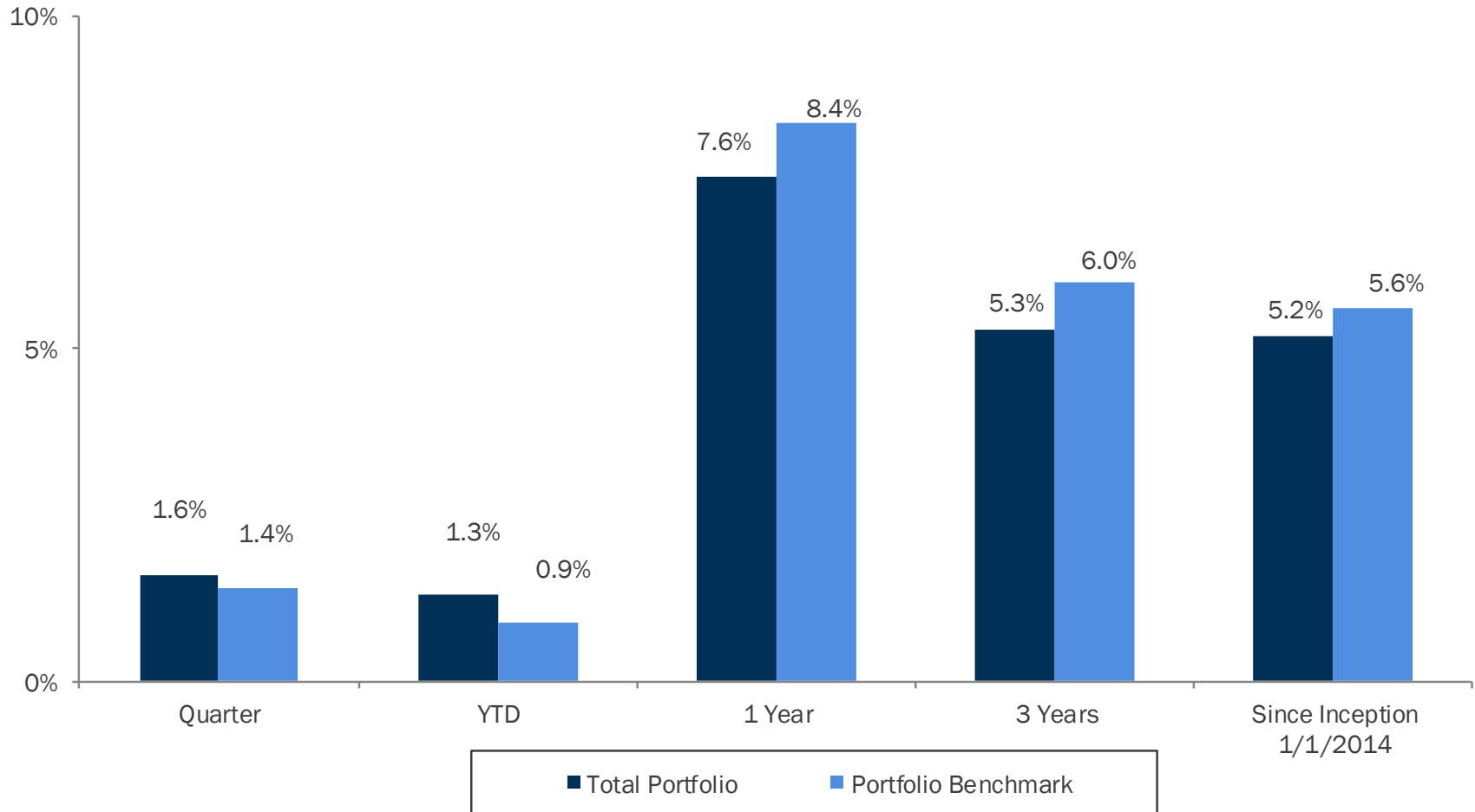
Notes: Totals may not add to 100% due to rounding.  
Cash balance is \$17,552 as of June 30, 2018.



# Bi-State Development Agency OPEB Trust

## Total Portfolio Performance

As of June 30, 2018



<sup>(1)</sup> The Total Portfolio Benchmark is a target weighted benchmark comprised of the Russell 3000 Index, MSCI EAFE Index, HFRI Fund of Funds Strategic Index, and the ML 1-3 Year Treasury Index.



# Bi-State Development Agency OPEB Trust

## Asset Class Performance Review

As of June 30, 2018

Asset Class	Quarter	YTD	Three Years	Since Inception	Inception Date
Domestic Equity	3.8%	3.5%	10.8%	10.0%	1/1/2014
<i>Russell 3000 Index</i>	3.9%	3.2%	11.6%	10.6%	
International Equity	-0.7%	-1.5%	4.7%	3.4%	1/1/2014
<i>MSCI EAFE Index</i>	-1.2%	-2.7%	4.9%	3.3%	
Hedge Funds	1.7%	2.1%	1.0%	3.0%	1/1/2014
<i>HFRI Fund of Funds Strategic Index</i>	1.3%	1.7%	2.7%	3.3%	
Fixed Income	0.2%	0.1%	0.9%	1.0%	1/1/2014
<i>ML 1-3 Year Treasury Index</i>	0.2%	0.1%	0.4%	0.6%	

<sup>(1)</sup> The Total Portfolio Benchmark is a target weighted benchmark comprised of the Russell 3000 Index, MSCI EAFE Index, HFRI Fund of Funds Strategic Index, and the ML 1-3 Year Treasury Index.



# Bi-State Development Agency OPEB Trust

## Manager Performance Review

As of June 30, 2018

Asset Class	Quarter	YTD	Five Years	Ten Years	Since Inception	Inception Date
U.S. Equity						
Vanguard S&P 500 Index Fund	3.4%	2.6%	13.4%	10.2%	11.2%	1/1/2014
S&P 500 Index	3.4%	2.6%	13.4%	10.2%	11.2%	
Artisan Mid Cap Growth Fund	3.5%	7.6%	11.2%	10.8%	7.6%	1/1/2014
Russell 2000 Growth Index	7.2%	9.7%	13.6%	11.3%	10.3%	
DFA Targeted Value Fund	6.0%	3.7%	11.2%	10.7%	7.8%	1/1/2014
Russell 2000 Value Index	8.3%	5.4%	11.2%	9.9%	8.5%	
Non U.S. Equity						
Neuberger Berman Int'l Equity Fund	-0.7%	-1.7%	7.5%	4.0%	4.9%	1/1/2014
MSCI EAFE Index	-1.2%	-2.7%	6.4%	2.8%	3.3%	
Harbor International Fund	-0.7%	-1.3%	4.9%	2.8%	1.9%	1/1/2014
MSCI EAFE Index	-1.2%	-2.7%	6.4%	2.8%	3.3%	
Hedge Funds						
Blackstone Park	1.6%	2.2%	4.3%	3.8%	2.3%	2/1/2015
HFRI Fund of Funds Strategic Index	1.3%	1.8%	4.3%	1.7%	3.4%	
Blackstone Hedged Equity	1.8%	2.1%	5.3%	3.5%	3.8%	1/1/2014
HFRI Fund of Funds Strategic Index	1.3%	1.8%	4.3%	1.7%	3.3%	
Fixed Income						
TCW MetWest Low Duration	0.2%	0.1%	1.2%	2.9%	1.1%	1/1/2014
ML 1-3 Year Treasury Index	0.2%	0.1%	0.6%	1.2%	0.6%	

Note: Performance prior to manager's inception is illustrative.



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# Manager Performance Review

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# Vanguard 500 Index

As of 6/30/2018

## Portfolio Statistics

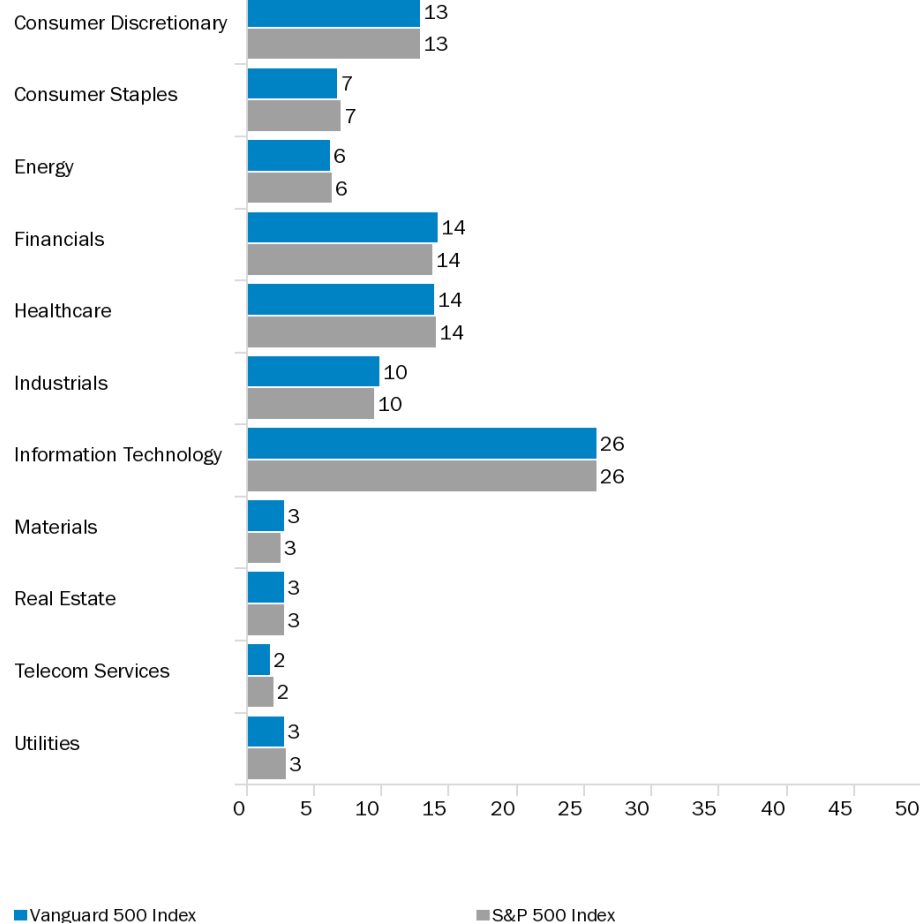
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	218.5	217.5
P/E Ratio	21.0	21.0
P/B Ratio	3.2	3.2
Dividend Yield (%)	1.9	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Apple Inc	Information Technology	4.1	10.2
Microsoft Corp	Information Technology	3.3	16.3
Amazon.com Inc	Consumer Discretionary	2.8	45.3
Facebook Inc A	Information Technology	2.0	10.1
JPMorgan Chase & Co	Financials	1.6	-1.5
Berkshire Hathaway Inc B	Financials	1.5	-5.8
Exxon Mobil Corp	Energy	1.5	0.8
Alphabet Inc C	Information Technology	1.4	6.6
Alphabet Inc A	Information Technology	1.4	7.2
Johnson & Johnson	Health Care	1.4	-11.9

## Sector Allocation (%)



Source: Morningstar Direct



# Vanguard 500 Index

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Vanguard 500 Index	3.4	2.6	14.3	13.4	10.2
Peer group percentile	23	24	26	10	16
S&P 500 Index	3.4	2.6	14.4	13.4	10.2
Peer group percentile	23	23	25	9	15
25th Percentile	3.4	2.6	14.4	13.0	9.9
50th Percentile	2.9	1.8	13.0	12.1	9.2
75th Percentile	2.0	0.3	10.6	10.9	8.2

Source: Morningstar Direct



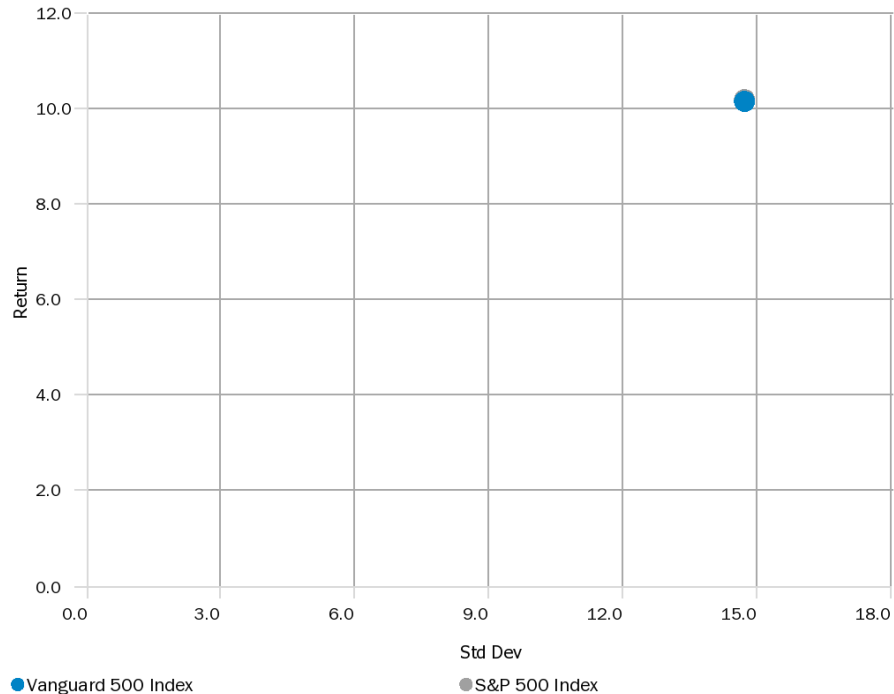
# Vanguard 500 Index

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Vanguard 500 Index	-37.0	26.6	15.1	2.1	16.0	32.3	13.6	1.4	11.9	21.8	2.6	11.9	13.4	10.2
S&P 500 Index	-37.0	26.5	15.1	2.1	16.0	32.4	13.7	1.4	12.0	21.8	2.6	11.9	13.4	10.2

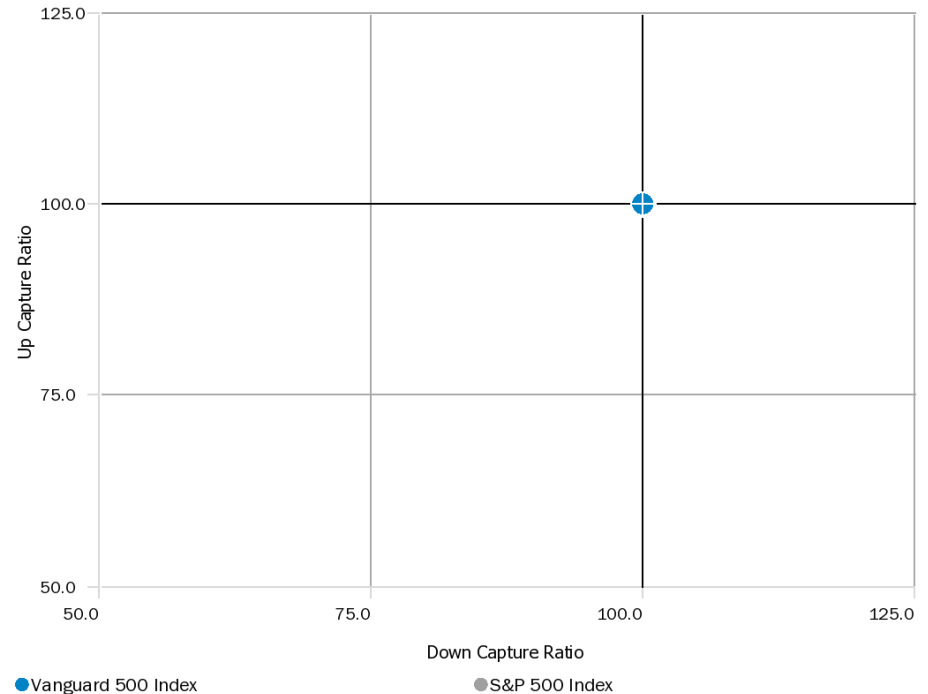
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct



# Artisan Mid Cap

As of 6/30/2018

## Portfolio Statistics

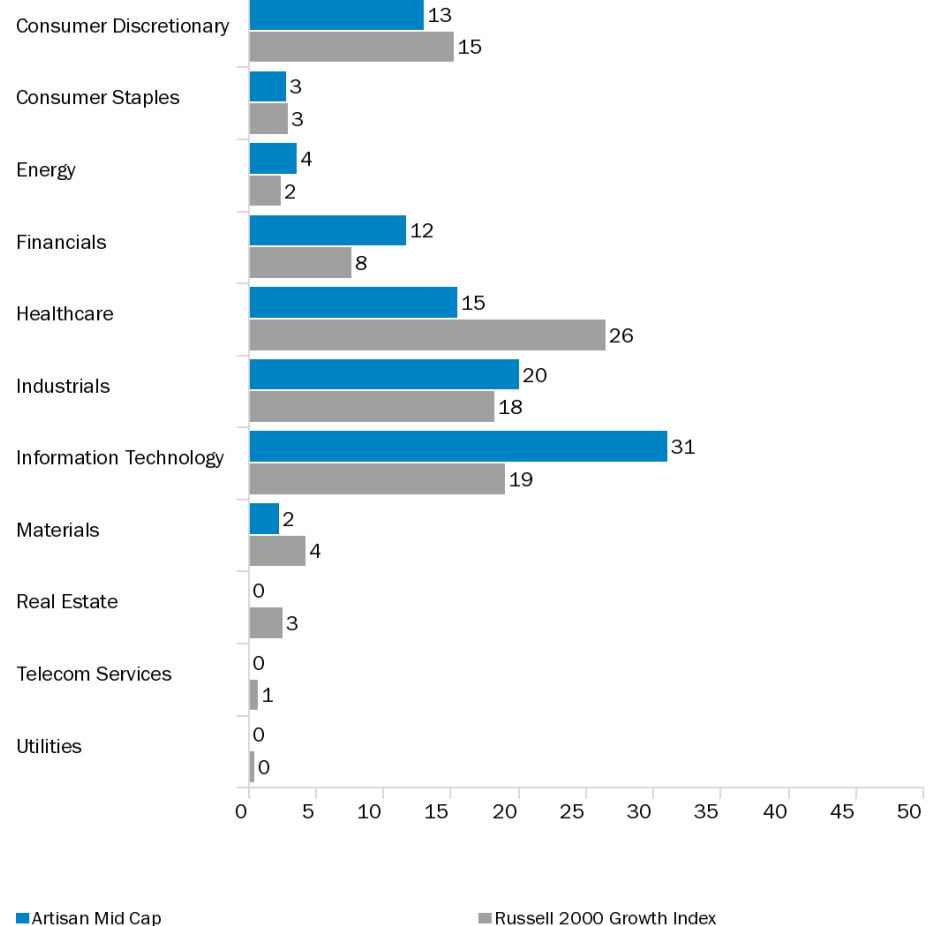
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	17.9	2.5
P/E Ratio	33.8	25.6
P/B Ratio	4.7	4.3
Dividend Yield (%)	0.5	0.6

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Global Payments Inc	Information Technology	4.7	11.2
IHS Markit Ltd A	Industrials	3.9	14.3
Atlassian Corporation PLC A	Information Technology	3.5	37.3
Progressive Corp	Financials	3.4	7.0
Boston Scientific Corp	Health Care	3.0	31.9
Tableau Software Inc A	Information Technology	2.8	41.3
Veeva Systems Inc Class A	Health Care	2.6	39.0
Concho Resources Inc	Energy	2.3	-7.9
TD Ameritrade Holding Corp	Financials	2.2	7.9
Guidewire Software Inc	Information Technology	2.2	19.6

## Sector Allocation (%)



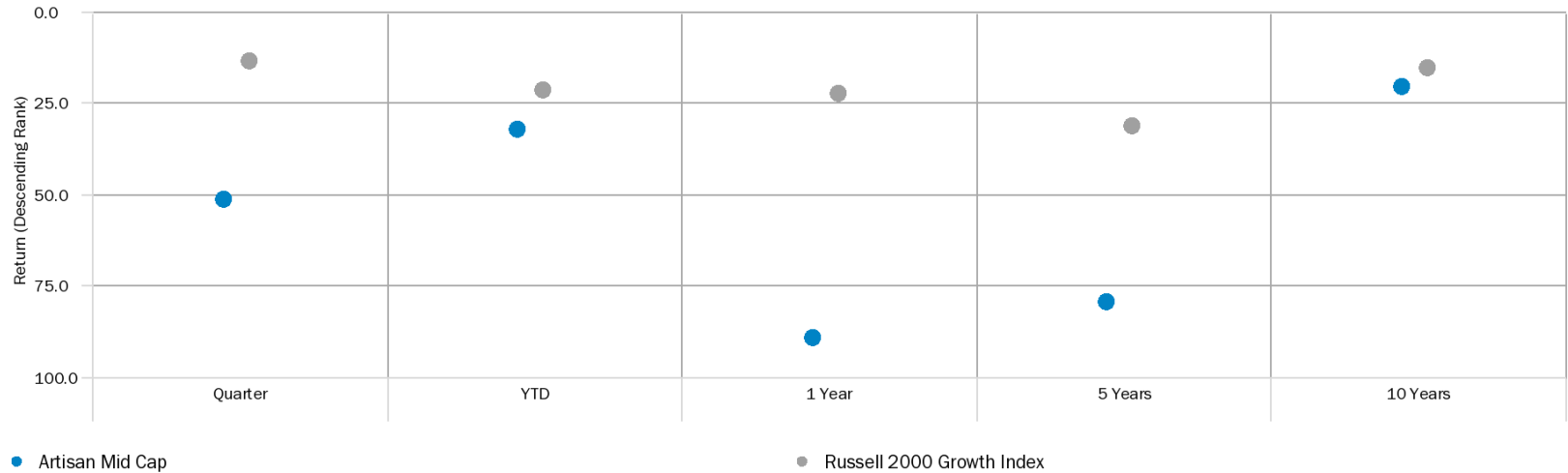
Source: Morningstar Direct



# Artisan Mid Cap

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
Artisan Mid Cap	3.5	7.6	12.5	11.2	10.8
Peer group percentile	51	32	89	79	20
Russell 2000 Growth Index	7.2	9.7	21.9	13.6	11.2
Peer group percentile	13	21	22	31	15
25th Percentile	5.8	8.5	21.2	14.0	10.5
50th Percentile	3.6	6.2	17.9	12.4	9.5
75th Percentile	2.2	3.9	14.4	11.4	8.5

Source: Morningstar Direct



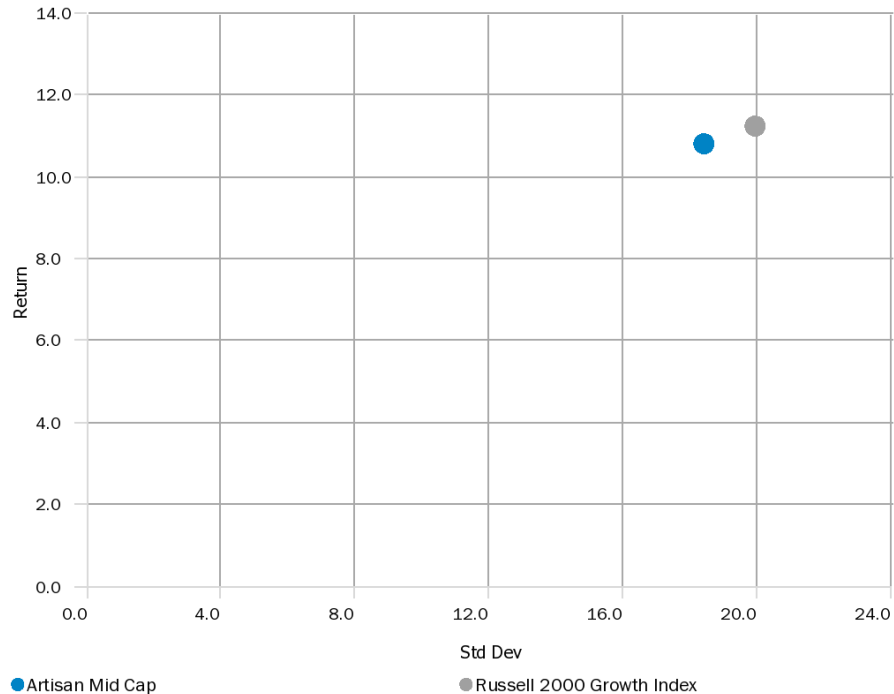
# Artisan Mid Cap

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Artisan Mid Cap	-44.1	50.3	31.6	-2.1	19.5	37.4	5.7	2.2	-0.9	20.5	7.6	7.6	11.2	10.8
Russell 2000 Growth Index	-38.5	34.5	29.1	-2.9	14.6	43.3	5.6	-1.4	11.3	22.2	9.7	10.6	13.6	11.2

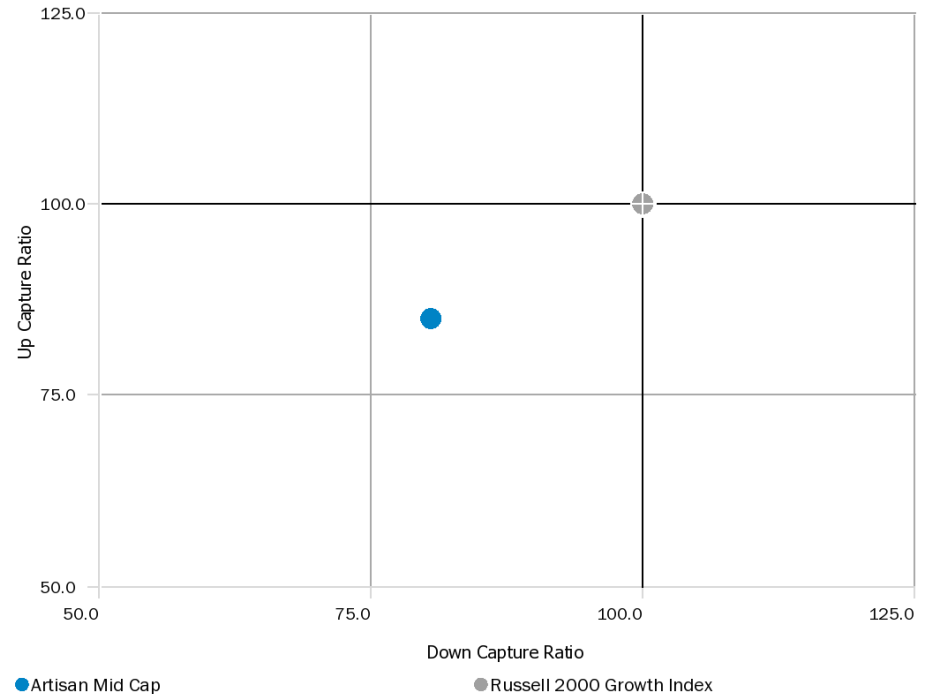
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

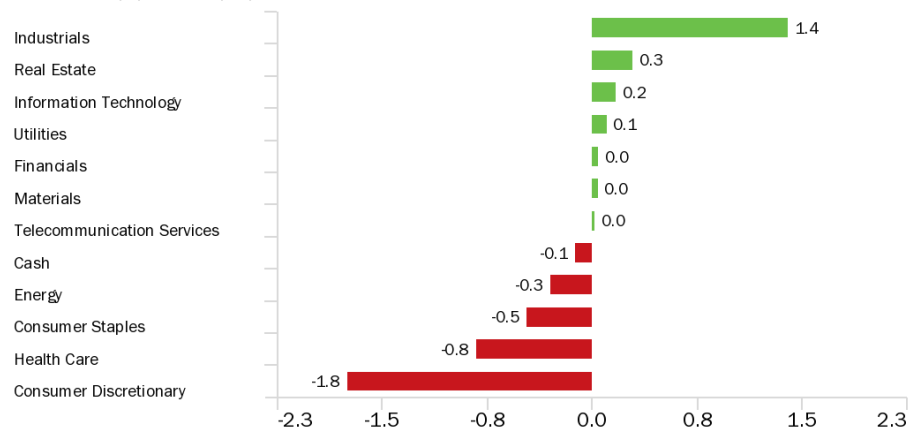


# Artisan Mid Cap

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
IHS Markit Ltd A	3.7	14.3	0.6
TransUnion	1.6	30.5	0.5
S&P Global Inc	3.0	21.0	0.5
Tableau Software Inc A	2.4	41.3	0.5
Atlassian Corporation PLC A	2.8	37.3	0.4

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
LKQ Corp	4.2	-21.6	-1.3
Cigna Corp	2.0	-16.3	-0.8
Coherent Inc	0.6	-44.6	-0.5
Skechers USA Inc	0.8	-20.7	-0.4
Genmab A/S	1.5	-7.0	-0.4

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	11.6	-7.5	-0.9	13.5	7.1	1.0	0.1	-1.8	-1.8
Consumer Staples	3.1	-3.3	-0.1	2.5	11.7	0.3	0.0	-0.4	-0.5
Energy	4.6	0.4	0.0	1.3	-3.2	0.0	-0.3	0.0	-0.3
Financials	14.2	8.4	1.2	6.1	5.9	0.4	-0.3	0.4	0.0
Health Care	16.4	15.3	2.4	25.0	17.1	4.1	-0.6	-0.3	-0.8
Industrials	20.0	6.3	1.3	17.9	-1.4	-0.3	-0.2	1.6	1.4
Information Technology	27.1	19.0	4.8	24.6	18.5	4.3	0.1	0.0	0.2
Materials	1.5	-17.8	-0.2	4.4	0.6	0.0	0.3	-0.2	0.0
Real Estate	0.0		0.0	3.2	0.8	0.0	0.3	0.0	0.3
Telecommunication Services	0.0		0.0	0.8	8.1	0.1	0.0	0.0	0.0
Utilities	0.0		0.0	0.7	-4.8	0.0	0.1	0.0	0.1
Cash	1.4	0.9	0.0	0.0		0.0	-0.1	0.0	-0.1
Attribution Total	100.0	8.5	8.5	100.0	9.9	9.9	-0.7	-0.7	-1.4

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

Source: Morningstar Direct



# DFA US Targeted Value

As of 6/30/2018

## Portfolio Statistics

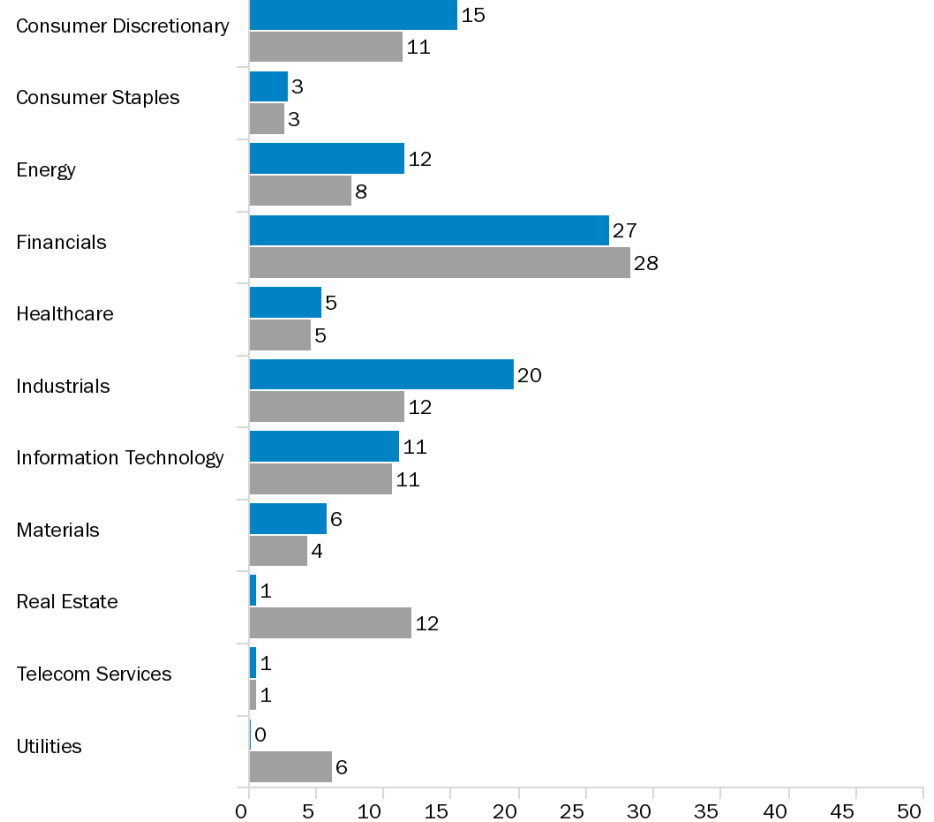
As of Date: 6/30/2018

	Manager	Index
Market Cap (\$,B)	3.2	2.1
P/E Ratio	15.0	15.0
P/B Ratio	1.4	1.5
Dividend Yield (%)	1.3	1.9

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
S+p500 Emini Fut Jun18 Xcme 20180615		0.7	
HollyFrontier Corp	Energy	0.7	34.9
Arrow Electronics Inc	Information Technology	0.7	-6.4
Reliance Steel & Aluminum Co	Materials	0.6	3.2
Toll Brothers Inc	Consumer Discretionary	0.6	-22.6
People's United Financial Inc	Financials	0.6	-1.4
Macy's Inc	Consumer Discretionary	0.6	51.6
Kohl's Corp	Consumer Discretionary	0.6	36.7
PacWest Bancorp	Financials	0.5	0.2
Quanta Services Inc	Industrials	0.5	-14.6

## Sector Allocation (%)



■ DFA US Targeted Value

■ Russell 2000 Value Index

Source: Morningstar Direct



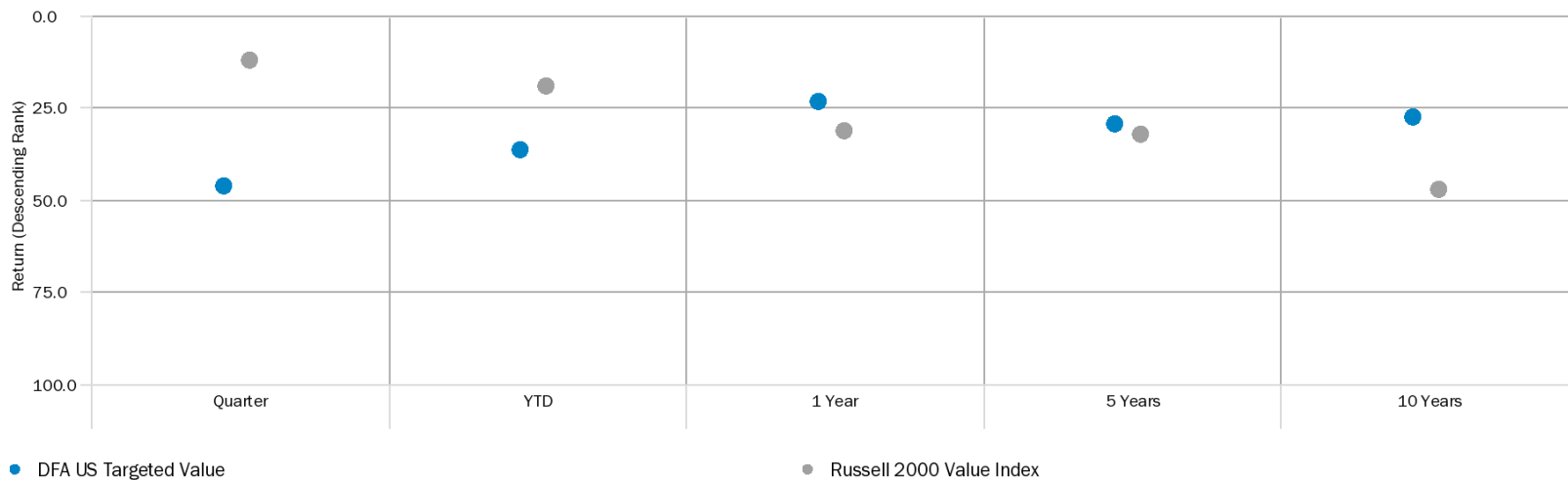
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All information herein is confidential and proprietary.



# DFA US Targeted Value

As of 6/30/2018

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



Trailing Returns (%)					
	Quarter	YTD	1 Year	5 Years	10 Years
DFA US Targeted Value	6.0	3.7	14.1	11.2	10.7
Peer group percentile	46	36	23	29	27
Russell 2000 Value Index	8.3	5.4	13.1	11.2	9.9
Peer group percentile	12	19	31	32	47
25th Percentile	7.5	4.8	13.9	11.4	10.8
50th Percentile	5.8	3.2	11.8	10.5	9.7
75th Percentile	4.6	1.7	9.8	9.0	8.6

Source: Morningstar Direct



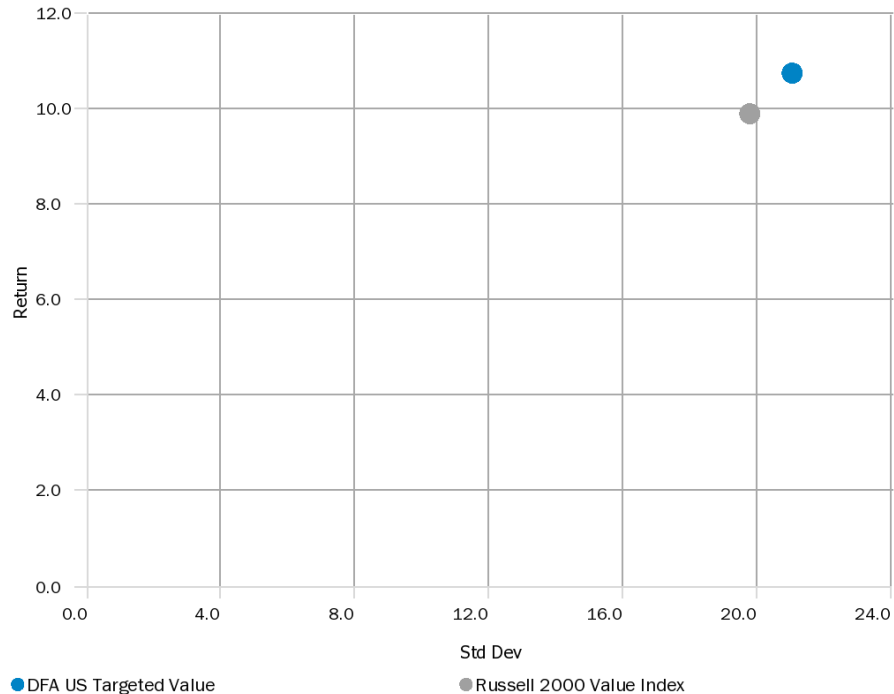
# DFA US Targeted Value

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
DFA US Targeted Value	-33.8	31.9	29.0	-6.3	19.2	43.0	2.9	-5.7	26.9	9.6	3.7	9.4	11.2	10.7
Russell 2000 Value Index	-28.9	20.6	24.5	-5.5	18.1	34.5	4.2	-7.5	31.7	7.8	5.4	11.2	11.2	9.9

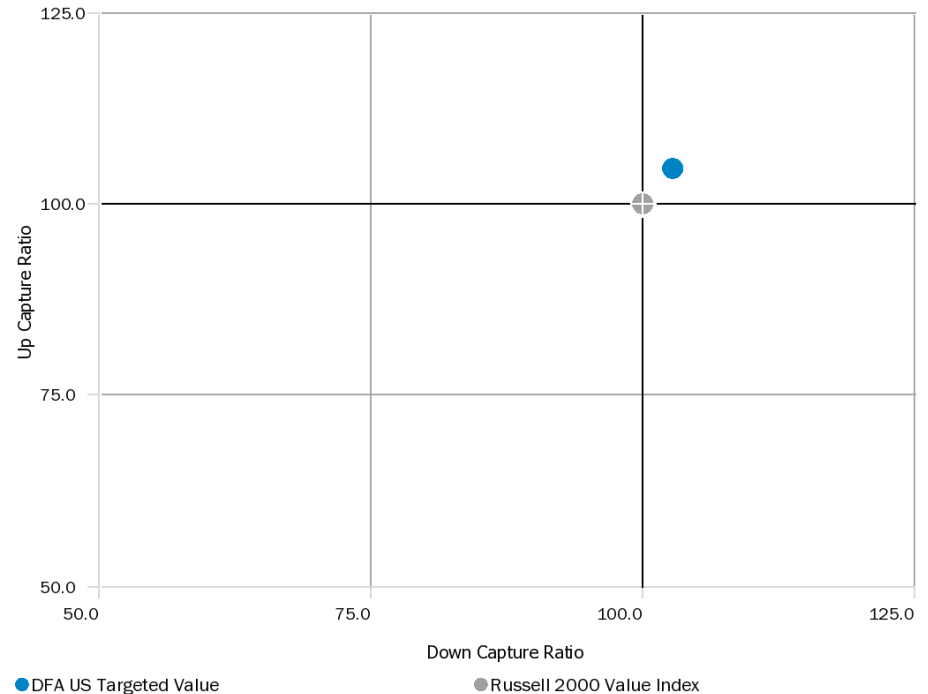
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

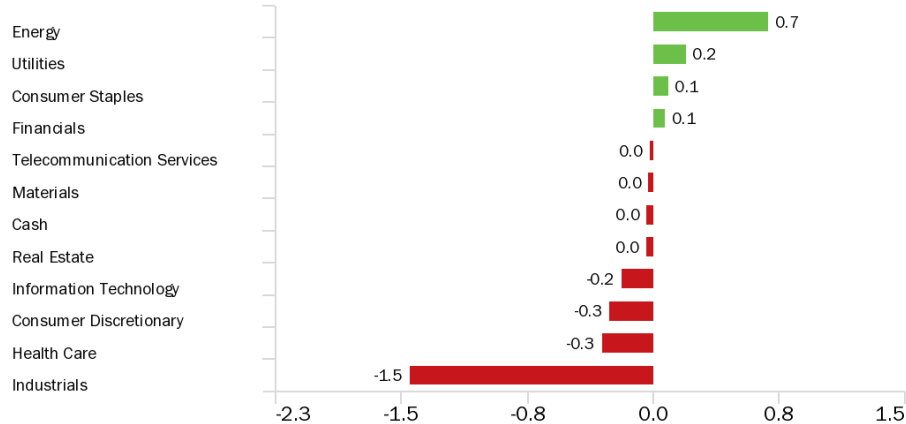


# DFA US Targeted Value

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
HollyFrontier Corp	0.8	35.2	0.3
Whiting Petroleum Corp	0.3	99.1	0.2
Macy's Inc	0.5	52.0	0.2
Kohl's Corp	0.8	36.8	0.2
Validus Holdings Ltd	0.3	45.7	0.1

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Toll Brothers Inc	0.7	-22.6	-0.2
Owens-Corning Inc	0.5	-30.9	-0.2
ManpowerGroup Inc	0.3	-31.0	-0.1
Denbury Resources Inc	-0.1	117.6	-0.1
Patterson-UTI Energy Inc	0.4	-21.5	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	16.1	4.0	0.7	10.9	5.9	0.6	0.0	-0.3	-0.3
Consumer Staples	2.7	2.0	0.1	2.4	-0.6	0.0	0.0	0.1	0.1
Energy	10.7	13.7	1.5	6.8	8.8	0.6	0.2	0.5	0.7
Financials	25.3	5.3	1.3	31.1	4.8	1.5	0.0	0.1	0.1
Health Care	5.4	12.0	0.6	6.7	15.9	1.0	-0.1	-0.2	-0.3
Industrials	20.4	-2.4	-0.5	12.2	4.2	0.5	-0.1	-1.4	-1.5
Information Technology	11.3	1.4	0.1	8.8	2.6	0.2	-0.1	-0.1	-0.2
Materials	5.8	1.0	0.1	4.4	0.4	0.0	-0.1	0.0	0.0
Real Estate	0.5	-0.7	0.0	10.0	5.1	0.5	0.0	0.0	0.0
Telecommunication Services	0.6	-1.1	0.0	0.5	2.4	0.0	0.0	0.0	0.0
Utilities	0.4	4.6	0.0	6.2	2.2	0.1	0.1	0.1	0.2
Cash	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Attribution Total	100.0	3.9	3.9	100.0	5.1	5.1	0.1	-1.3	-1.3

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

Source: Morningstar Direct



# Neuberger Berman International Equity

As of 6/30/2018

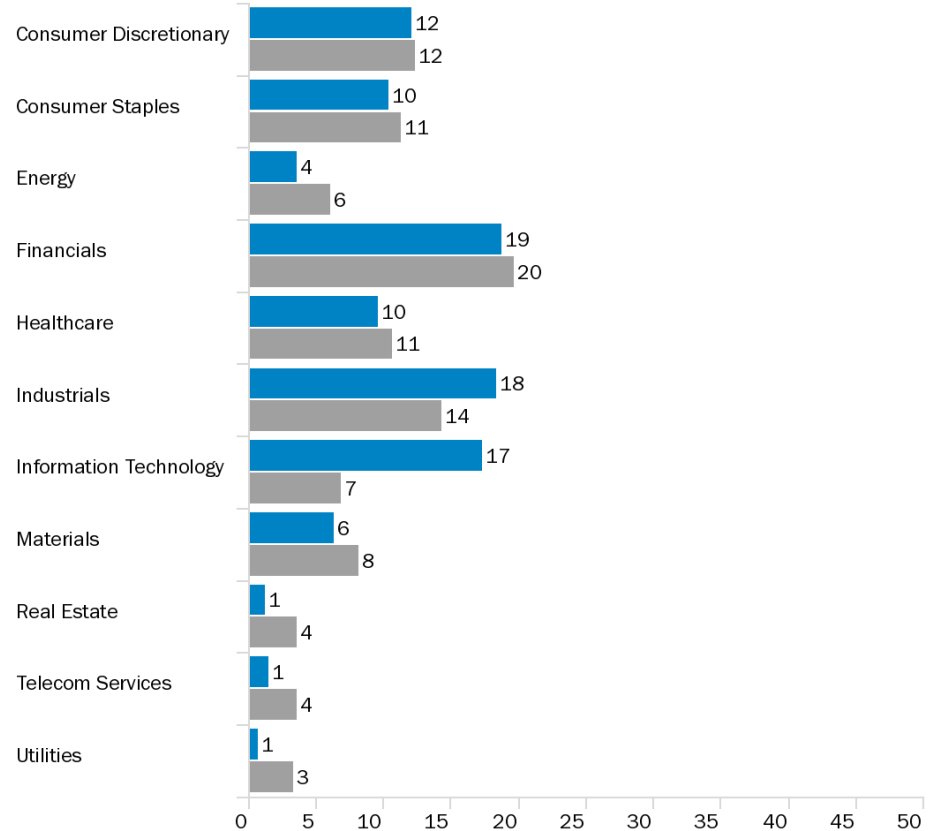
## Regional Allocation (%)

	Manager	Index
North America	10.3	0.9
Latin America Emerging	0.7	0.0
United Kingdom	16.8	17.6
Europe Developed	44.4	44.7
Europe Emerging	0.0	0.0
Africa/Middle East	2.1	0.4
Japan	16.9	24.3
Australia/New Zealand	1.4	6.7
Asia Developed	3.9	4.9
Asia Emerging	3.5	0.4

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Keyence Corp	Information Technology	2.8	0.9
ASML Holding NV	Information Technology	2.8	14.6
State Str Instl Invt Tr Treas Mmkt Fd Inst		2.4	
Alibaba Group Holding Ltd ADR	Information Technology	2.1	7.6
Tecan Group Ltd	Health Care	1.9	17.7
Daikin Industries Ltd	Industrials	1.8	1.8
Compass Group PLC	Consumer Discretionary	1.6	0.8
RELX PLC	Industrials	1.6	-7.4
Bunzl PLC	Industrials	1.6	9.6
Pernod Ricard SA	Consumer Staples	1.5	3.1

## Sector Allocation (%)



■ Neuberger Berman International Equity

■ MSCI EAFE Index

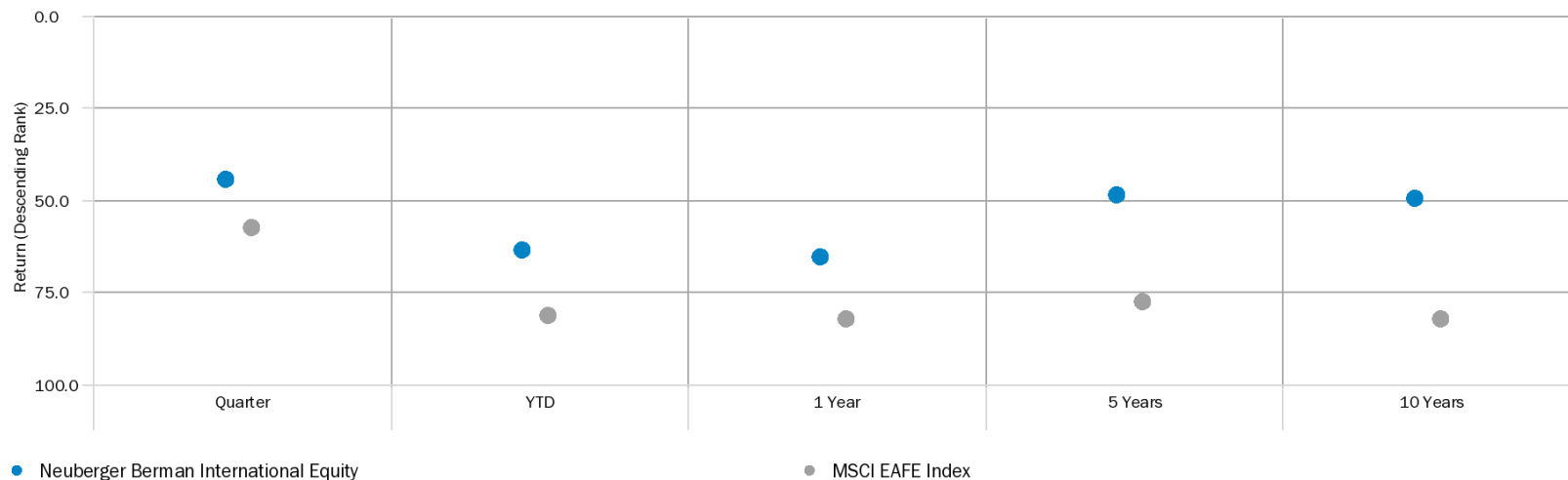
Source: Morningstar Direct



# Neuberger Berman International Equity

As of 6/30/2018

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



	Trailing Returns (%)				
	Quarter	YTD	1 Year	5 Years	10 Years
Neuberger Berman International Equity	-0.7	-1.7	8.6	7.5	4.0
Peer group percentile	44	63	65	48	49
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	57	81	82	77	82
25th Percentile	0.2	1.2	13.7	8.6	4.9
50th Percentile	-0.9	-0.7	10.4	7.4	4.0
75th Percentile	-2.2	-2.2	7.6	6.5	3.1

Source: Morningstar Direct



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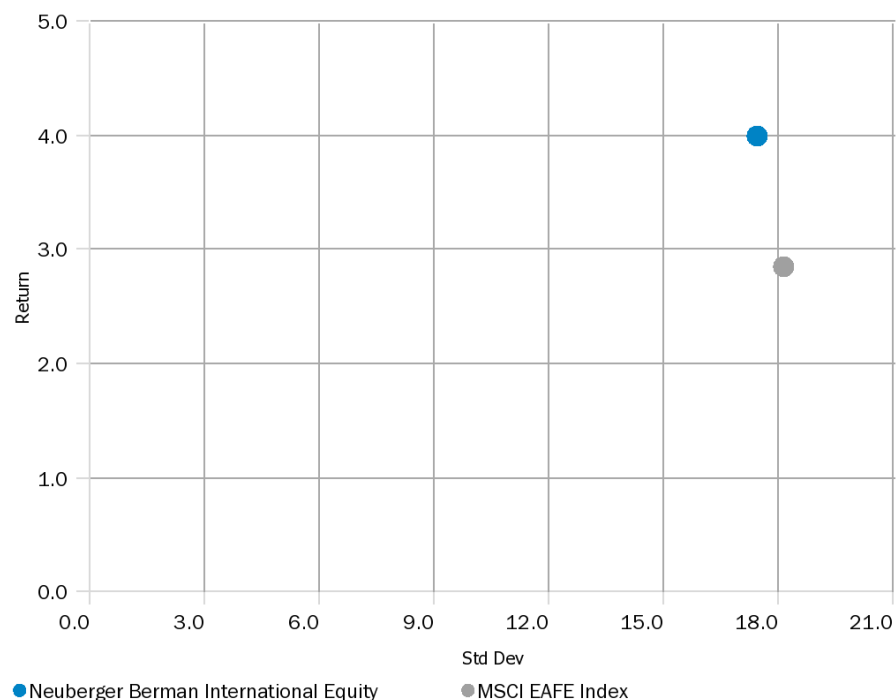
# Neuberger Berman International Equity

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Neuberger Berman International Equity	-45.7	37.0	18.6	-11.7	18.8	18.0	-1.9	2.1	-1.1	27.2	-1.7	6.0	7.5	4.0
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

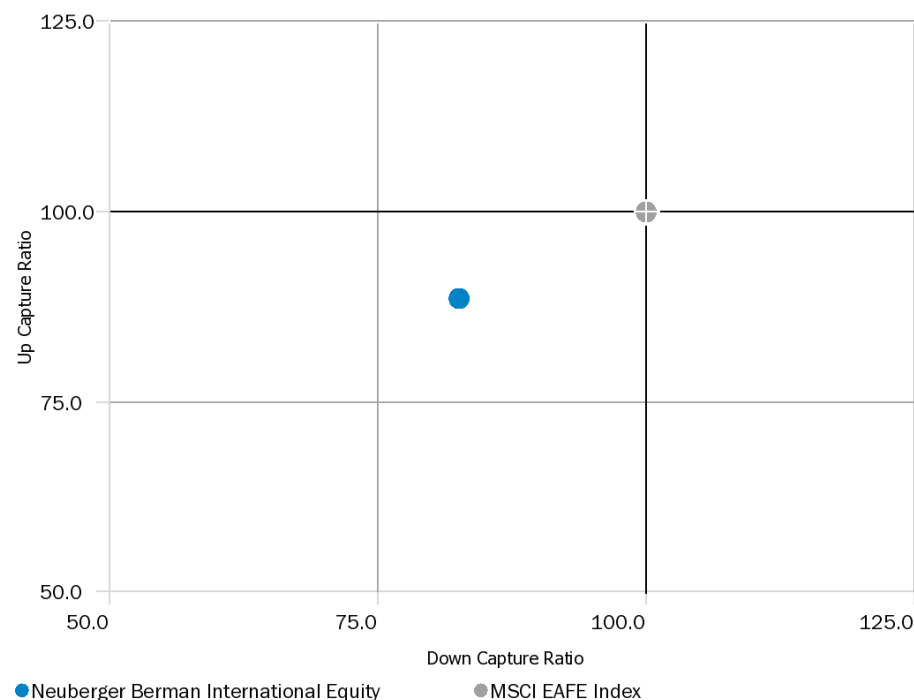
10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

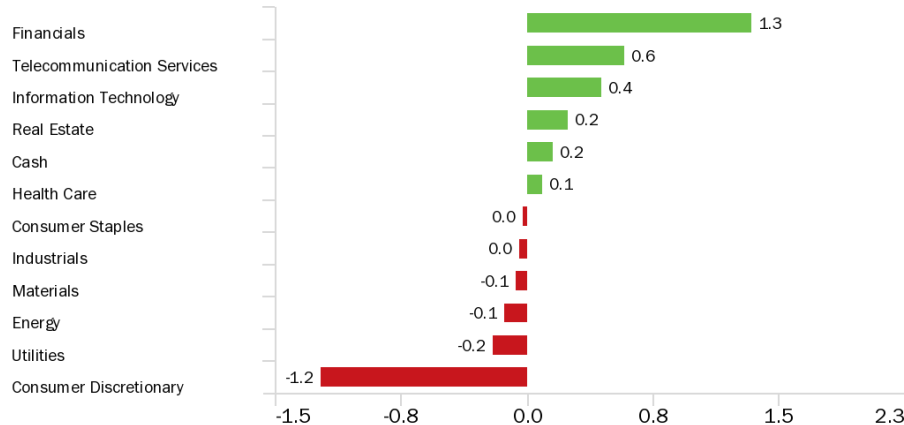


# Neuberger Berman International Equity

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
HKBN Ltd	1.3	24.7	0.4
KOSE Corp	1.2	38.6	0.4
Tecan Group Ltd	1.9	17.8	0.3
Insurance Australia Group Ltd	1.2	13.3	0.3
Ichigo Inc	1.1	25.5	0.3

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Tower Semiconductor Ltd	0.8	-35.0	-0.3
Valeo SA	1.2	-25.2	-0.3
Sodexo	0.6	-24.3	-0.3
Greencore Group PLC	0.8	-21.0	-0.3
Samsonite International SA	1.1	-21.4	-0.3

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	12.2	-11.5	-1.4	12.5	-1.8	-0.2	0.0	-1.3	-1.2
Consumer Staples	10.4	-2.4	-0.3	11.0	-2.2	-0.2	0.0	0.0	0.0
Energy	3.2	13.2	0.4	5.5	9.3	0.5	-0.3	0.1	-0.1
Financials	18.5	-1.3	-0.2	21.1	-7.7	-1.6	0.2	1.2	1.3
Health Care	9.6	2.7	0.3	10.1	1.5	0.2	0.0	0.1	0.1
Industrials	17.6	-3.2	-0.7	14.5	-3.4	-0.5	0.0	0.0	0.0
Information Technology	16.7	1.7	0.3	6.6	1.0	0.1	0.4	0.1	0.4
Materials	6.1	-4.1	-0.2	8.2	-3.0	-0.2	0.0	-0.1	-0.1
Real Estate	1.1	25.5	0.2	3.5	-1.7	-0.1	0.0	0.3	0.2
Telecommunication Services	1.3	24.7	0.3	3.8	-8.2	-0.3	0.1	0.4	0.6
Utilities	0.6	-8.5	-0.1	3.2	2.3	0.1	-0.1	-0.1	-0.2
Cash	2.6	0.9	0.0	0.0		0.0	0.2	0.0	0.2
Attribution Total	100.0	-1.3	-1.3	100.0	-2.4	-2.4	0.5	0.7	1.1

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

Source: Morningstar Direct



# Harbor International

As of 6/30/2018

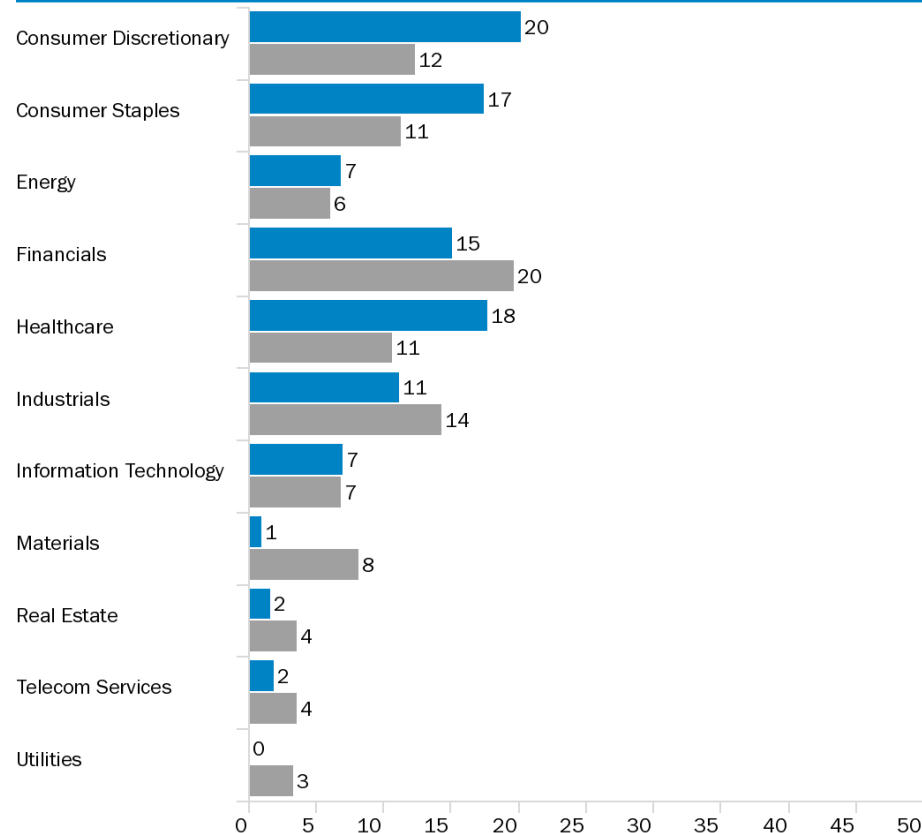
## Regional Allocation (%)

	Manager	Index
North America	16.0	0.9
Latin America Emerging	5.3	0.0
United Kingdom	13.2	17.2
Europe Developed	48.2	45.0
Europe Emerging	0.0	0.0
Africa/Middle East	1.6	0.5
Japan	12.6	24.6
Australia/New Zealand	0.0	6.6
Asia Developed	0.0	4.8
Asia Emerging	3.2	0.5

## Top Ten Holdings

	Sector	% of Portfolio	YTD Return
Las Vegas Sands Corp	Consumer Discretionary	5.5	12.0
Schlumberger Ltd	Energy	4.4	0.9
Vivendi SA	Consumer Discretionary	3.4	-7.0
Fanuc Corp	Industrials	3.4	-16.2
Wynn Resorts Ltd	Consumer Discretionary	3.2	0.0
Alibaba Group Holding Ltd ADR	Information Technology	3.0	7.6
Reckitt Benckiser Group PLC	Consumer Staples	2.5	-10.6
Bayer AG	Health Care	2.4	-7.7
ASML Holding NV	Information Technology	2.2	14.6
Shire PLC	Health Care	2.1	7.3

## Sector Allocation (%)



■ Harbor International

■ MSCI EAFE Index

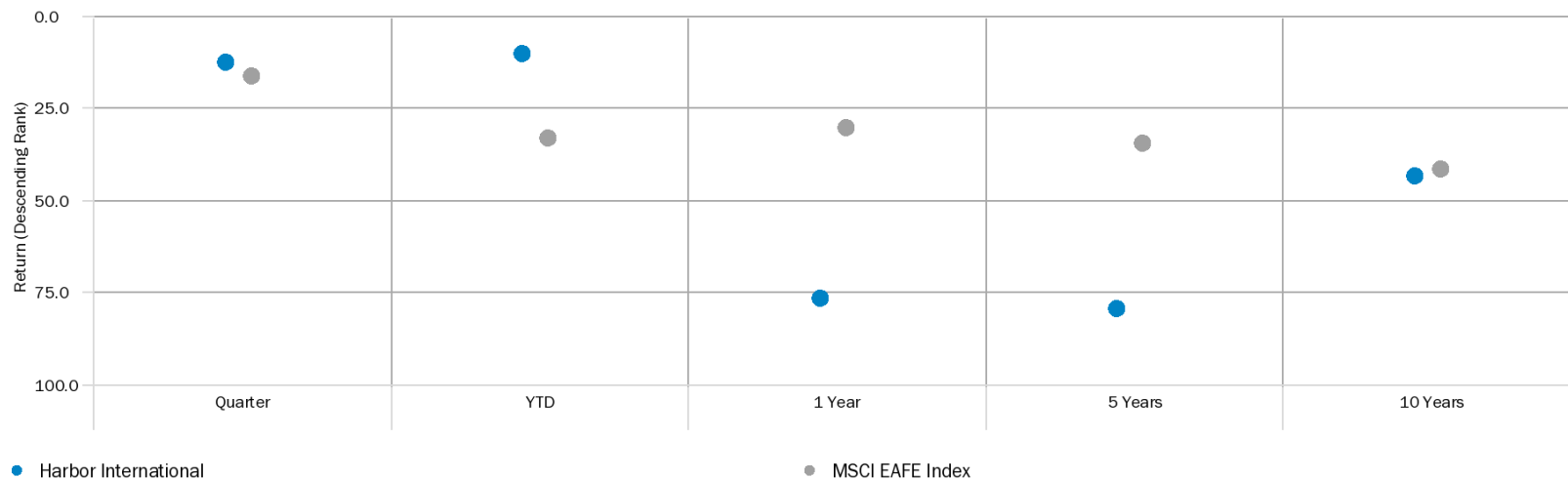
Source: Morningstar Direct



# Harbor International

As of 6/30/2018

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



## Trailing Returns (%)

	Quarter	YTD	1 Year	5 Years	10 Years
Harbor International	-0.7	-1.3	4.5	4.9	2.8
Peer group percentile	12	10	76	79	43
MSCI EAFE Index	-1.2	-2.7	6.8	6.4	2.8
Peer group percentile	16	33	30	34	41
25th Percentile	-1.6	-2.5	7.1	6.7	3.5
50th Percentile	-2.6	-3.3	6.1	5.9	2.6
75th Percentile	-3.6	-4.3	4.6	5.1	1.7

Source: Morningstar Direct



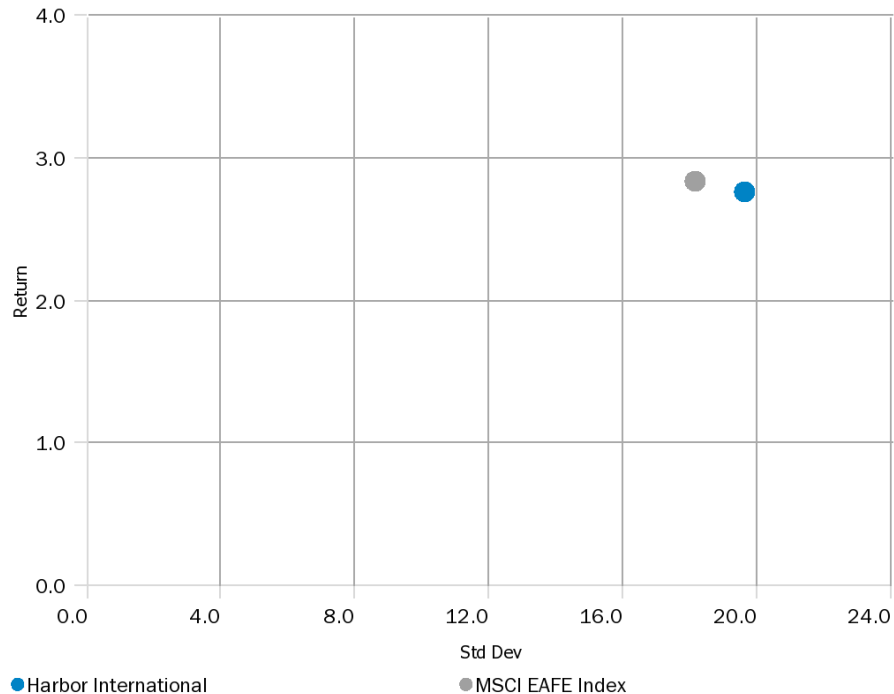
# Harbor International

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Harbor International	-42.7	38.6	12.0	-11.1	20.9	16.8	-6.8	-3.8	0.2	22.9	-1.3	2.9	4.9	2.8
MSCI EAFE Index	-43.4	31.8	7.8	-12.1	17.3	22.8	-4.9	-0.8	1.0	25.0	-2.7	4.9	6.4	2.8

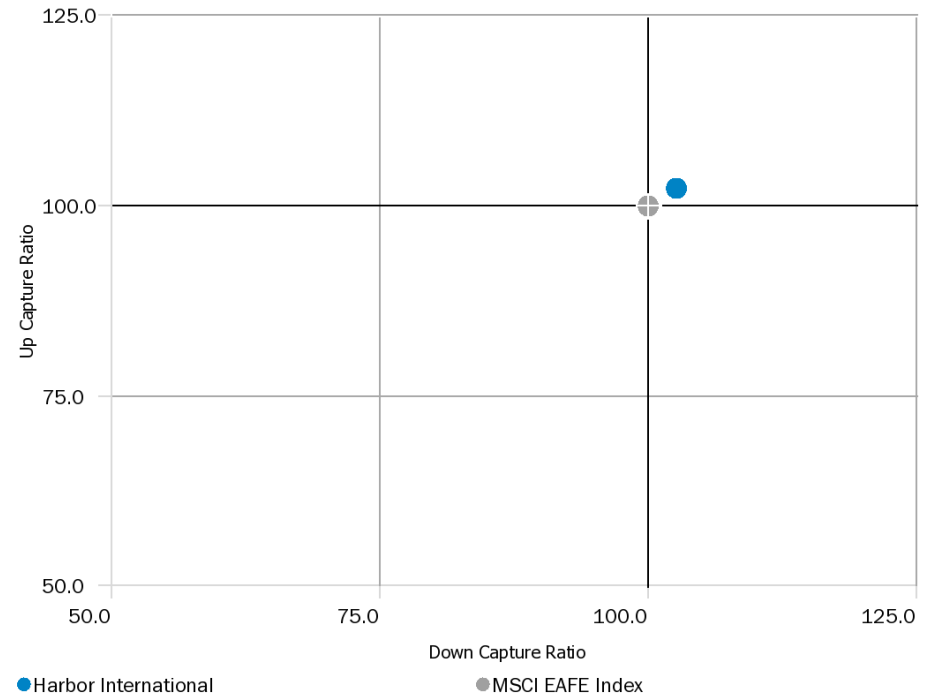
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018



Source: Morningstar Direct

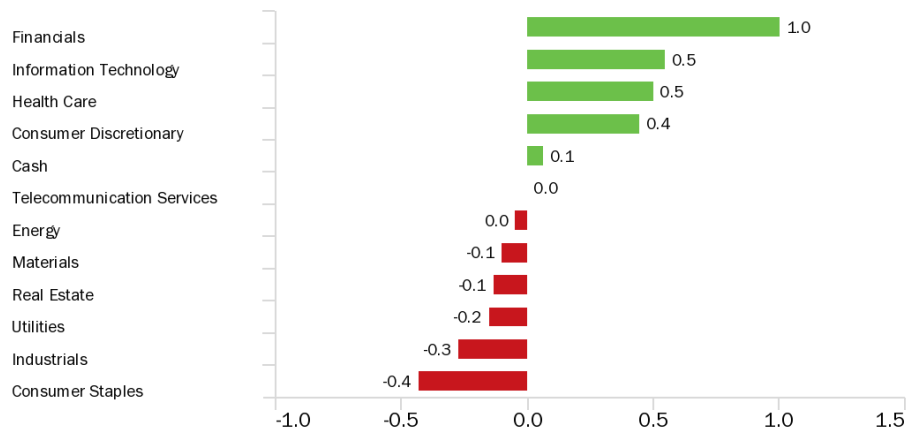


# Harbor International

As of 6/30/2018

## Sector Relative Performance: Total Effect

Time Period: 1/1/2018 to 6/30/2018



## Top 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Las Vegas Sands Corp	6.5	12.1	0.8
BanColombia SA ADR	1.7	22.4	0.5
Teva Pharmaceutical Industries Ltd ADR	1.3	28.3	0.4
Rolls-Royce Holdings PLC	1.6	13.9	0.3
Deutsche Boerse AG	1.0	17.1	0.2

## Bottom 5 Stock Relative Performers

	Relative Weights*	Return	Active Return
Fanuc Corp	2.6	-16.4	-0.4
Schlumberger Ltd	4.3	0.9	-0.4
Cie Generale des Etablissements Michelin SA	1.8	-12.6	-0.2
Vivendi SA	3.2	-7.0	-0.2
Reckitt Benckiser Group PLC	1.9	-10.6	-0.1

## Contribution/Attribution Detail

Time Period: 1/1/2018 to 6/30/2018

	Portfolio Weights	Portfolio Return	Portfolio Contribution	Index Weights	Index Return	Index Contribution	Allocation Effect	Selection Effect	Active Return
Consumer Discretionary	20.3	0.1	0.0	12.5	-1.8	-0.2	0.1	0.4	0.4
Consumer Staples	16.0	-4.9	-0.8	11.0	-2.2	-0.2	0.0	-0.4	-0.4
Energy	6.1	6.4	0.4	5.5	9.3	0.5	0.2	-0.2	0.0
Financials	15.7	-3.1	-0.5	21.1	-7.7	-1.6	0.3	0.7	1.0
Health Care	17.6	2.5	0.5	10.1	1.5	0.2	0.3	0.2	0.5
Industrials	10.5	-6.1	-0.7	14.5	-3.3	-0.5	0.0	-0.3	-0.3
Information Technology	7.1	9.1	0.6	6.6	1.0	0.1	0.0	0.5	0.5
Materials	1.1	-15.7	-0.2	8.2	-3.0	-0.2	0.0	-0.1	-0.1
Real Estate	2.3	-6.3	-0.2	3.5	-1.7	-0.1	0.0	-0.1	-0.1
Telecommunication Services	1.4	-12.0	-0.3	3.8	-8.2	-0.3	0.1	-0.1	0.0
Utilities	0.0		0.0	3.2	2.3	0.1	-0.2	0.0	-0.2
Cash	1.9	0.9	0.0	0.0		0.0	0.1	0.0	0.1
Attribution Total	100.0	-1.0	-1.0	100.0	-2.4	-2.4	1.0	0.5	1.4

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

Source: Morningstar Direct



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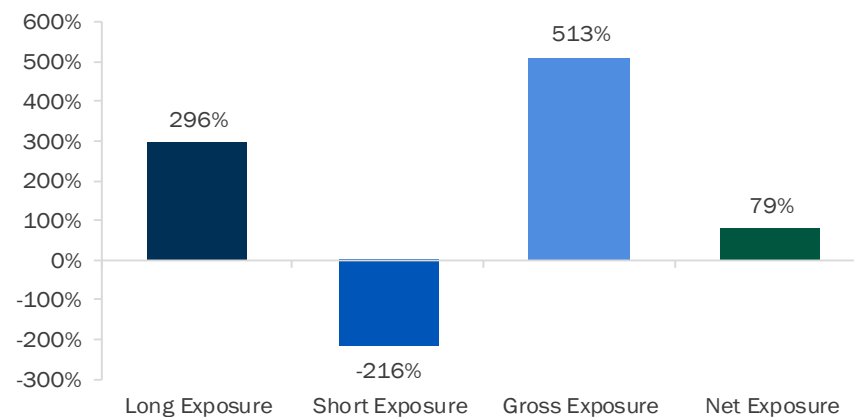
# Hedge Fund of Funds Overview: Blackstone Park

As of 3/31/2018

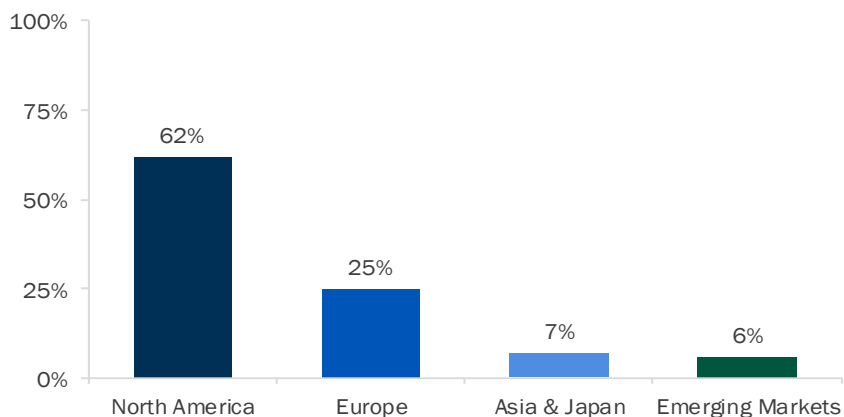
## Organizational Overview

Strategy Type	Equity Long/Short Hedge Fund-of-Funds
Location of Headquarters	New York, NY
Year Founded	1985
Firm Assets Under Management (\$, B)	\$79.0
Fund Assets Under Management (\$, B)	\$2.1

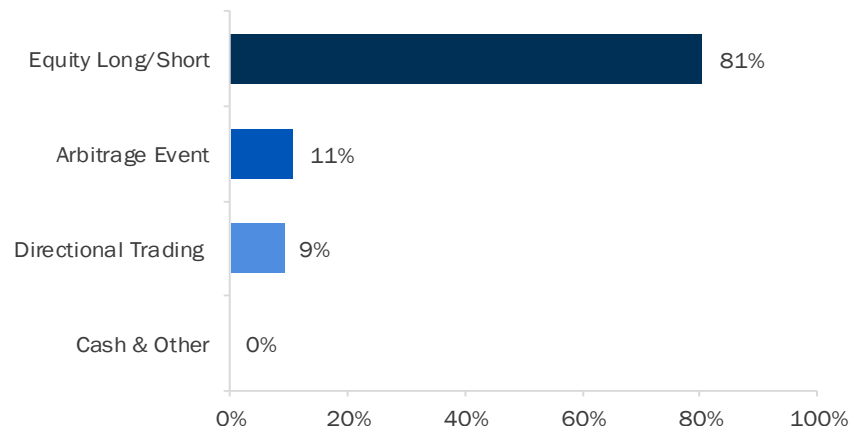
## Fund Exposure



## Geographic Exposure



## Strategy Exposure



Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



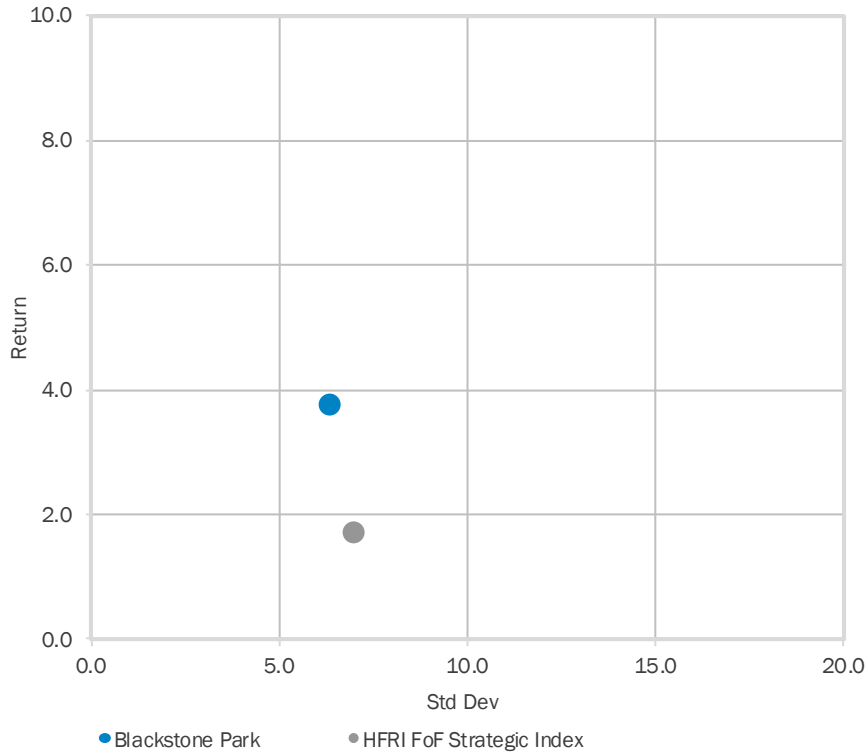
# Blackstone Park

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Blackstone Park	-19.3	14.7	8.0	-0.4	10.2	14.9	6.2	2.5	-3.5	6.8	2.2	1.2	4.3	3.8
HFRI FoF Strategic Index	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	11.2	1.8	2.7	4.3	1.7

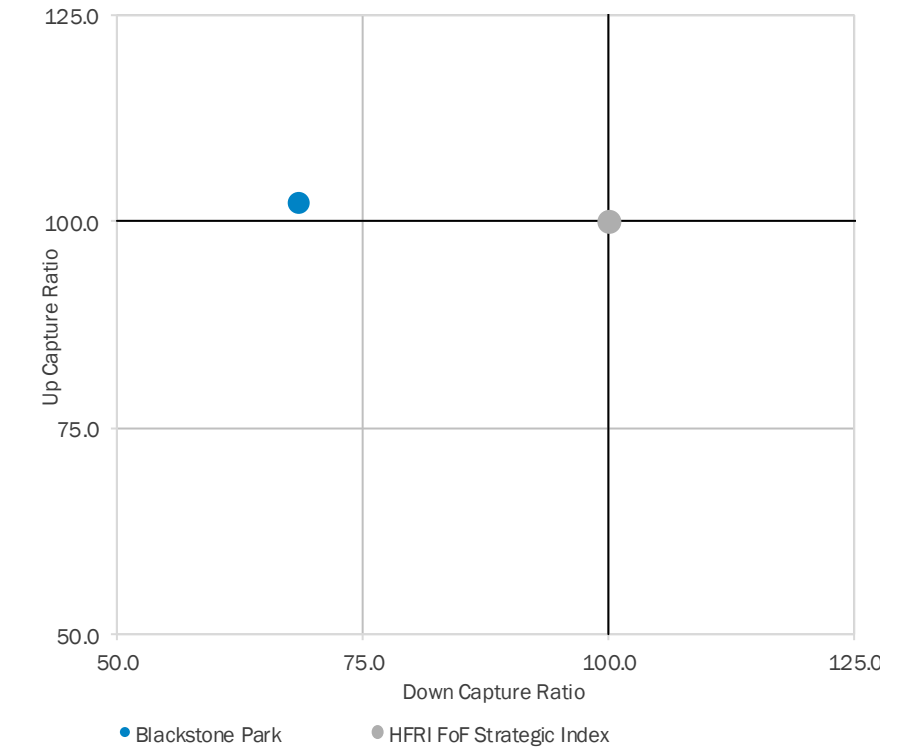
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





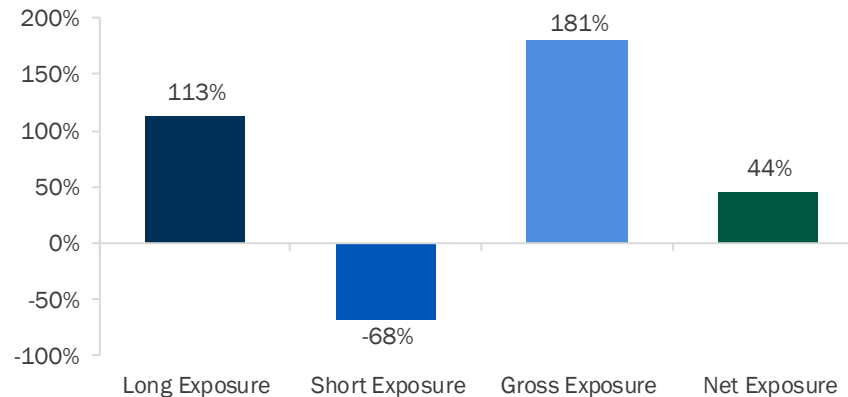
# Hedge Fund-of-Funds Overview: Blackstone Hedged Equity

As of 3/31/2018

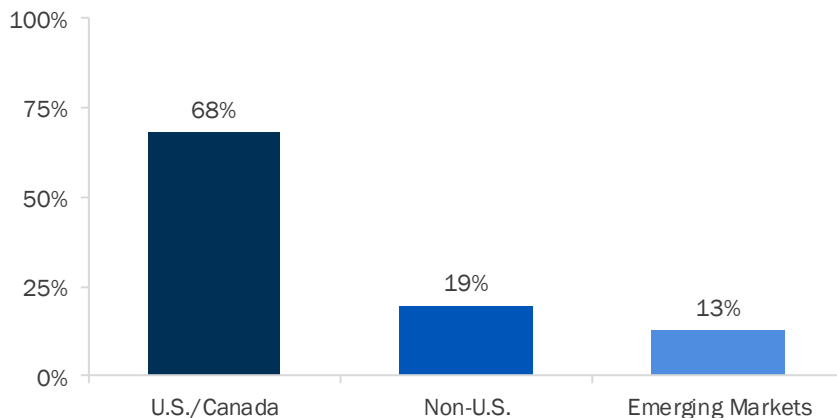
## Organizational Overview

Strategy Type	Long/Short Hedge Fund-of-Funds
Location of Headquarters	New York, NY
Year Founded	1985
Firm Assets Under Management (\$, B)	\$75.0
Fund Assets Under Management (\$, B)	\$0.4

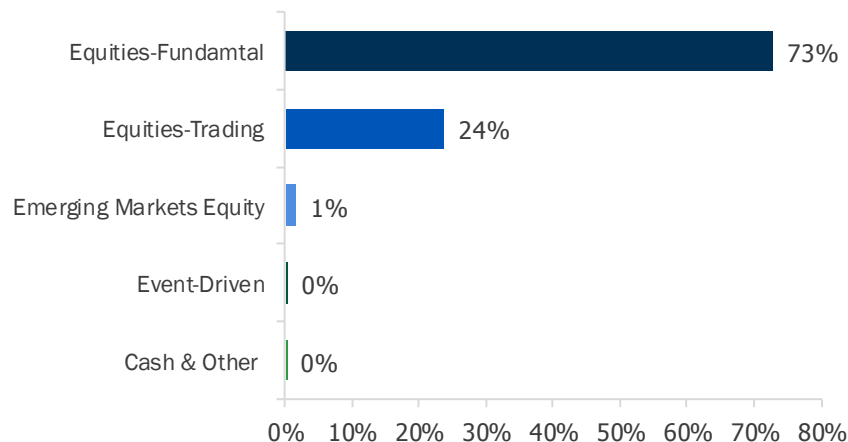
## Fund Exposure



## Geographic Exposure



## Strategy Exposure



Note: All data provided by the investment manager.



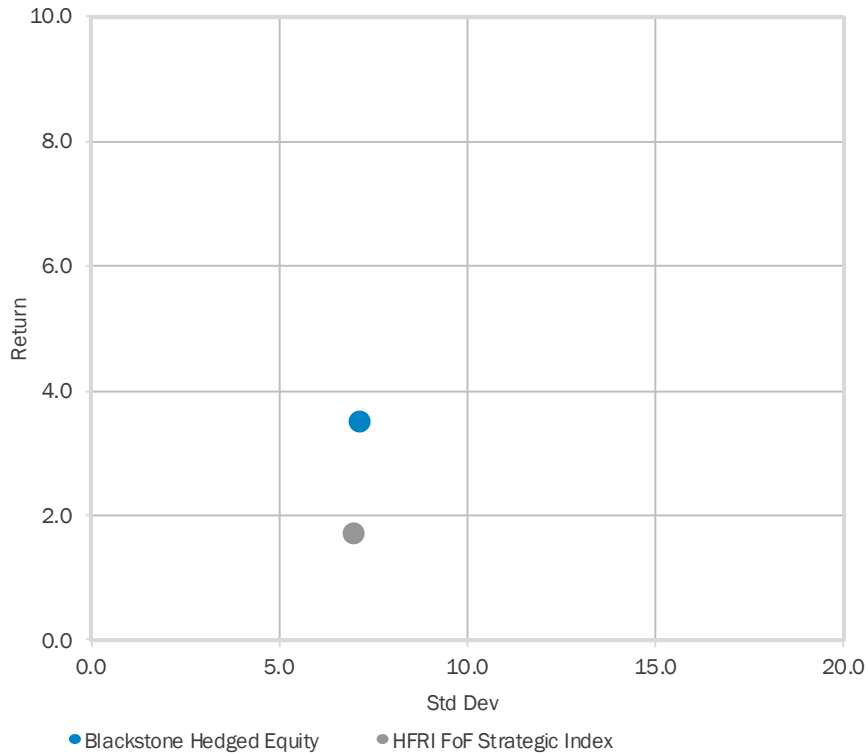
# Blackstone Hedged Equity

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	YTD	3Yrs (A)	5Yrs (A)	10Yrs (A)
Blackstone Hedged Equity	-24.6	13.1	6.8	-1.0	10.2	17.9	8.9	1.3	-5.0	10.3	2.1	0.8	5.3	3.5
HFRI FoF Strategic Index	-25.2	13.2	6.3	-7.3	5.8	10.5	3.1	-0.5	-0.1	11.2	1.8	2.7	4.3	1.7

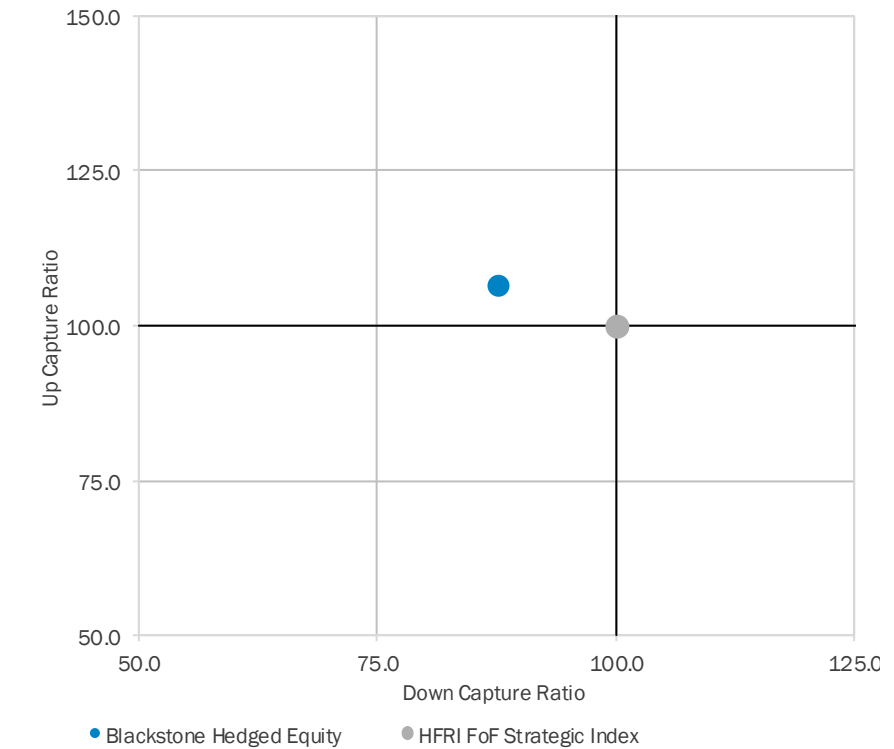
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





# Fixed Income Overview: MetWest Low Duration

As of 3/31/2018

Portfolio Characteristics	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Duration	2.1 yrs	1.9 yrs
Average Maturity	2.2 yrs	1.9 yrs
Average Quality	--	AAA
Yield to Maturity	3.3%	2.3%

Maturity Breakdown	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
0-1 Years	20%	0%
1-3 Years	62%	100%
3-5 Years	9%	0%
5-10 Years	9%	0%
10-20 Years	0%	0%
20+ Years	0%	0%

Sector Allocation	MetWest Low Duration	Merrill U.S. Treasuries (1-3 Y)
Cash	0%	0%
U.S. Treasury	27%	100%
Direct Agency	0%	0%
Agency Mortgages	6%	0%
Non-Agency Mortgages	11%	0%
CMBS	12%	0%
Asset-Backed	6%	0%
Investment Grade Corp.	38%	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	51%	100%
AA	7%	0%
A	20%	0%
BBB	18%	0%
Below Investment Grade	4%	0%
Other	0%	0%

Note: All data provided by the investment manager.

Data is as of March 31, 2018. Data as of June 30, 2018 is not yet available.



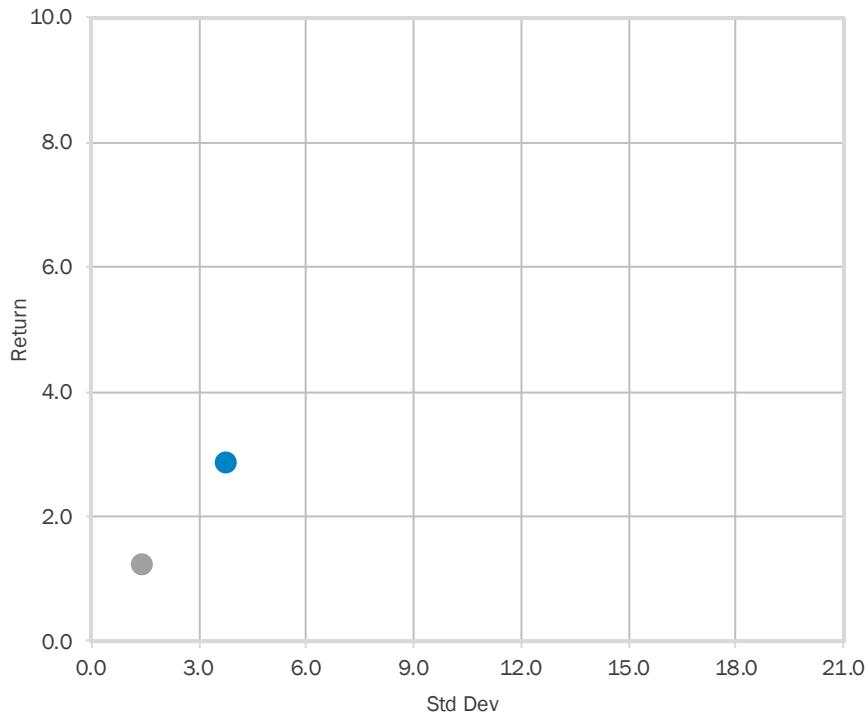
# MetWest Low Duration

As of 6/30/2018

	Returns (%)													
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	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	1.3	0.1	0.9	1.2	2.9
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	0.1	0.4	0.6	1.2

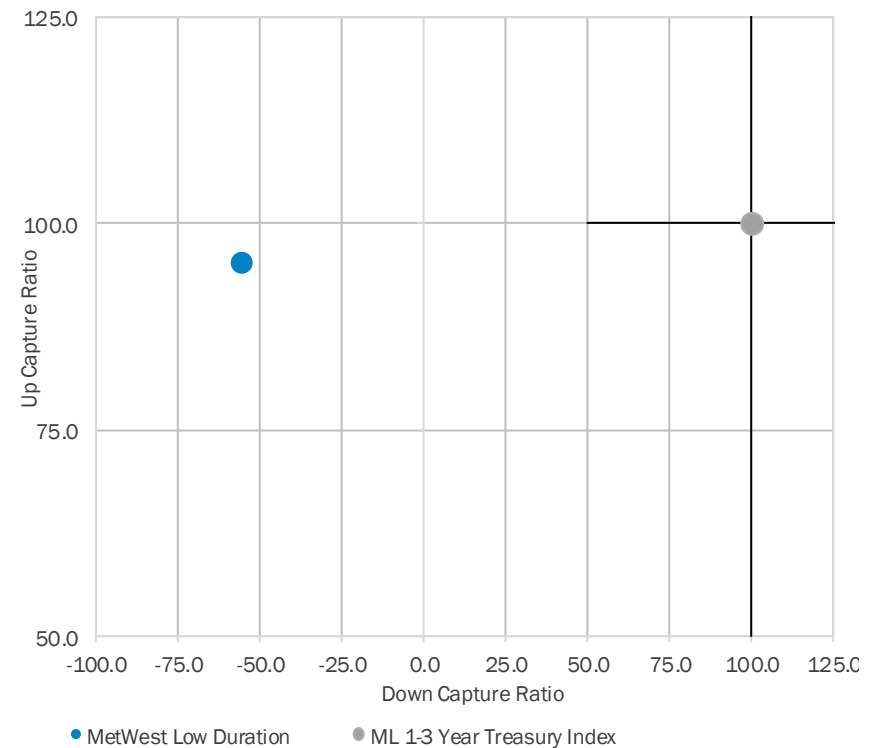
## 10 Year Risk vs. Return

Time Period: 7/1/2008 to 6/30/2018



## 10 Year Market Capture

Time Period: 7/1/2008 to 6/30/2018





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# Investment Program Fee Review

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# 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	\$7.6	0.04%	\$3,037	1.00%
Mid Cap Growth Equity	Artisan Mid Cap Fund	\$1.8	1.18%	\$21,022	1.12%
Small Cap Value Equity	DFA Targeted Value SCV	\$2.4	0.37%	\$8,937	1.19%
International Equity	Neuberger Berman International	\$3.7	0.86%	\$31,618	1.12%
International Equity	Harbor International	\$3.5	0.64%	\$22,284	1.12%
Hedge Funds	Blackstone Park	\$3.3	1.25%	\$41,723	1.70%
Hedge Funds	Blackstone Hedged Equity	\$3.6	1.25%	\$44,961	1.70%
Fixed Income	TCW MetWest Low Duration	\$6.5	0.40%	\$26,076	0.70%
Money Market	Fidelity Prime Money Market	\$0.0	0.18%	\$69	0.13%
Total		\$32.4	0.62%	\$199,727	1.14%

Note: Management Fees are updated semi-annually and are as of 3/31/2018.



# Endnotes

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- Manager and universe returns are shown net of investment management expenses. Index returns are shown gross of investment management expenses. All figures shown are gross the fees and expenses of Ellwood.
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# Endnotes

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**Bi-State Development  
Agenda Item  
Audit, Finance & Administration Committee  
August 24, 2018**

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<b>From:</b>	Charles A. Stewart, Jr. Vice President, Pension and Insurance
<b>Subject:</b>	<b>FY19 Update on Risk Management Insurance Program</b>
<b>Disposition:</b>	Information
<b>Presentation:</b>	Kathy Brittin, Director of Risk Management, Safety & Claims; Kevin Kloeever, Manager of Insurance & Analysis

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**Objective:**

To inform and update the Audit, Finance and Administration Committee on the FY2019 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 FY2019 Insurance Program.



**Analysis:**

Insurance Program - BSD annually reviews and renews coverage on July 1<sup>st</sup> 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 FY2019, the following improvements were achieved:

- Property insurance was renewed with Lloyds of London as the primary insurance carrier. The terms and conditions of the coverage are the same as the expiring program. Rates stayed the same despite a national increase because we negotiated a two year rate guarantee last year. However, the total insured value and overall premium increased due to higher LRV values required by leaseback agreements.
- Workers' compensation (WC) insurance, which is excess over the \$1,000,000 self-insured limit was renewed with the same carrier, Arch Insurance. Rates remained the same as a result of negotiating a two year rate guarantee last year; payroll and premium both increased by 1.58%.
- Excess Liability insurance was renewed with Argonaut Insurance as the lead carrier. Rates increased 4.73%. An additional \$5,000,000 layer was added to comply with LRV leaseback agreements which increased the cost by \$25,250.
- Environmental coverage was added effective June 1, 2018 in order to cover liability associated with pollution clean-up, third party claims, emergency response, transportation, and underground storage tanks. Coverage was placed with Allianz Insurance. The policy provides a \$3,000,000 limit of insurance at a premium of \$60,099 annually for a three year term.
- Management Liability insurance was also newly purchased effective July 1, 2018. This coverage provides defense for errors and omissions claims against the Board of Commissioners, executives, and management. Management liability was previously self-insured to the \$5,000,000 excess liability attachment point. This policy from ACE American Insurance Company provides a limit of \$5,000,000 with a \$100,000 deductible at a premium of \$48,188.
- Overall the insurance program was renewed with comparable coverage terms and conditions. The overall premium increase of \$205,895 is reflective of an increase in property values, payroll exposure, higher liability limits, and new Environmental and Management Liability coverages.

**Committee Action Requested:**

None - for informational purposes only.

**Attachment:**

- PowerPoint Presentation



# INSURANCE UPDATE

KATHY BRITTIN  
DIRECTOR, RISK MANAGEMENT, SAFETY & CLAIMS

AUGUST 24, 2018





# AIRPORT INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Aviation Liability	Starr	\$ 50,000,000	\$15,973	\$17,249	8%	\$16,400
Workers' Compensation	Starr	Statutory	\$44,037	\$40,792	-7%	\$45,358
			\$60,010	\$58,041	-3%	\$61,758

- Liability market rate increase
- Workers' Compensation improved experience modification factor



# RIVERBOAT INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Riverboat - Hull and Primary P&I						
Hull: \$13,597		Hull: \$2,549,00				
Primary P&I: \$25,000	Endurance	Primary P&I: \$1,000,000	\$51,318	\$52,348	2%	
MGL: \$11,258		MGL: \$2,000,000				
TRIA: \$2,493						
P&I - 1st Layer Excess	Atlantic/XL	\$4,000,000.00	\$14,300	\$14,300		
P&I - 2nd Layer Excess	Endurance/Navigators	\$10,000,000.00	\$10,763	\$10,763		
P&I - 3rd Layer Excess	Endurance/Navigators	\$10,000,000.00	\$10,250	\$10,250	0%	
P&I - 4th Layer Excess	Atlantic/Great American /XL	\$25,000,000.00	\$21,750	\$21,750		
Liquor Liability	Scottsdale	\$1,000,000.00	\$1,816	\$4,011	121%	
Vessel Pollution	WQIS	\$5,000,000.00	\$3,341	\$3,341	0%	
USLH	ALMA	Statutory	\$16,456	\$17,820	8%	
			\$129,994	\$134,583	4%	\$ 136,082

- Increase in premiums due to increase in liquor sales and payroll



# PACKAGE INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Package - Scheduled GL & Auto						
General Liability: \$24,303	Hartford	\$ 1,000,000	\$41,321	\$42,143	2%	
Auto coverage: \$17,840						
Package Umbrella \$4M over \$1M	Navigators	\$ 4,000,000	\$21,600	\$21,600	0%	
			\$62,921	\$63,743	1%	\$ 56,205

- GL covers Arch Tram operations, Arch Store, GL for Headquarters.
- Autos covered are Airport, Riverboat, and Arch vehicles.



# EXCESS LIABILITY INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Excess Liability - Lead	Argonaut	\$ 10,000,000	\$386,264	\$395,445		
Excess Liability - 2nd Layer	Ironshore	\$ 5,000,000	\$158,613	\$115,210		
Excess Liability - 3rd Layer	Hallmark	\$ 5,000,000	\$168,424	\$66,300		
Excess Liability - 4th Layer	Great American	\$ 25,000,000	\$51,000	\$176,845		
Excess Liability - 5th Layer	Allied World/Lloyd's	\$ 10,000,000	\$51,000	\$102,000		
			\$815,301	\$855,800	2%	\$ 850,000
<b>New Layer of Coverage</b>						
Excess Liability - 6th Layer	Ironshore	\$ 5,000,000	n/a	\$25,250		

- Premium increase due to increase in exposure
- 5<sup>th</sup> Layer was split for competitive pricing
- Added a 6<sup>th</sup> layer to meet LRV lease terms



# EXCESS WORKER'S COMPENSATION

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Workers Comp - Excess over SIR	Arch	Statutory	\$ 212,610	\$ 216,030	2%	\$ 233,979

- Rate same as expiring
- Premium increase due to payroll increase



# PROPERTY INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Property	Lloyd's (Primary)	\$50,000,000	\$990,000	\$1,047,276		
Property	Lloyd's	\$200M x/s \$50M - 25%	\$40,000	\$42,313		
Property	Aspen	\$50M x/s \$50M - 20%	\$22,745	\$19,303		
Property	Arch	\$50M x/s \$50M - 20%	\$25,000	\$26,446		
Property	Navigators	\$50M x/s \$50M - 15%	\$25,000	\$25,000	6%	
Property	Liberty	\$50M x/s \$50M - 20%	\$15,000	\$19,303		
Property	Great American	\$150M x/s \$100M - 62.50%	\$93,750	\$99,125		
Property	RSUI	\$150M x/s \$100M - 12.50%	\$25,000	\$26,446		
Property (Equipment Breakdown)	CNA	\$100M x/s \$50M	\$23,000	\$22,800	-1%	
Property (Terrorism)	Lloyd's	\$250,000,000	\$54,000	\$55,000	2%	
			\$1,313,495	\$1,383,012	5%	\$ 1,379,763

- Second year of two year rate guarantee
- Premium increase due increase in total values; Certain LRVs insured to full replacement cost as required by lease terms



# OTHER INSURANCE

Line of Coverage	Carrier	Limits	FY18 Premium	FY19 Premium	% Change	FY19 Budget
Crime/Employee Dishonesty	Hartford	\$ 2,500,000	\$17,341	\$17,341	0%	
Accidental Death & Dismemberment	Federal	\$ 10,000,000	\$11,507	\$11,507	0%	
Cyber Liability	Indian Harbor	\$ 10,000,000	\$70,189	\$70,865	1%	
Law Enforcement Liability	Indian Harbor	\$ 5,000,000	\$56,727	\$50,513	-11%	
			\$155,764	\$150,226	-4%	\$160,222



# NEW INSURANCE – ENVIRONMENTAL

Line of Coverage	Carrier	Limits	FY19 Premium
Environmental Liability	Allianz	\$ 3,000,000	\$21,116

Coverage	Each Incident Deductible	Each Incident Limit	Aggregate Limit
Own site Clean-up Costs	\$50,000	\$3,000,000	\$3,000,000
Off site Clean-up Costs	\$50,000	\$3,000,000	\$3,000,000
Third Party Claims for Bodily Injury or Property Damage	\$50,000	\$3,000,000	\$3,000,000
Emergency Response Costs	\$50,000	\$3,000,000	\$3,000,000
Transportation	\$50,000	\$3,000,000	\$3,000,000
Non-owned locations	\$50,000	\$3,000,000	\$3,000,000
Business Interruption	5 Days	3,000,000 \$	\$3,000,000



## NEW INSURANCE – MANAGEMENT LIABILITY

Line of Coverage	Carrier	Limits	FY19 Premium
Management Liability	Ace	\$ 5,000,000	\$48,188

- Retention: \$100,000 each claim
- Coverage Parts:
  - Public Officials Liability
  - Public Entity Reimbursement
  - Public Entity Liability
  - Crisis Management (\$50,000 Sublimit)
- Insureds:
  - Duly appointed officials
  - Commissions, boards, or other units, and members and Employees



# INSURANCE PREMIUMS

FY2018 Insurance Premiums	\$2,750,094
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FY2019 Budget	\$2,878,009
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FY2019 Insurance Premiums	\$2,861,435
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	Excess Liability	\$25,250
New Coverages:	Environmental Liability	\$21,116
	Management Liability	\$48,188

FY2019 Insurance Premiums Total	\$2,955,989
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