



401(K)/457 & 401(A) ADVISORY COMMITTEES

**ADMINISTRATION BUILDING
SMALL TRAINING ROOM**

**THURSDAY
MARCH 8, 2018
9:00 AM**

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 8, 2018

MEMO TO: 401(k)/457 Advisory Committee & 401(a) Advisory Committee

FROM: Lisa Sorani, Manager of Employee Services

SUBJECT: Agendas for the March 8, 2018 Advisory Committee Meetings

The next EBMUD 401(k)/457 and 401(a) Advisory Committee Meetings are on Thursday, March 8, 2018 at 9:00 a.m. in the Small Training Room of the Administration Building.

Attached are the Agendas for the meetings. As required by the Brown Act, the Agendas have been posted at least 72 hours prior to the meeting. Interested members of the public may attend the meeting.

If you have any questions, please contact me at (510) 287-0713.

LS/dd

Attachments

AGENDA
EBMUD 401(k)/457 & 401(A) ADVISORY COMMITTEES
ADMINISTRATION BUILDING – SMALL TRAINING ROOM
THURSDAY, MARCH 8, 2018 – 9:00 AM

ROLL CALL:

PUBLIC COMMENT:

The 401(k)/457 and 401(a) Advisory Committees are limited by State Law to providing a brief response, asking questions for clarification, or referring a matter to staff when responding to items that are not listed on the agenda.

CONSENT CALENDAR:

1. Approval of Minutes – 401(k)/457 and 401(a) Meetings of November 30, 2017

ACTION:

2. Approve updates to the Participant Fee Administration and Expense Payment Policy
3. Approve 2018 Expected Plan Revenue and Expense Report
4. Determine Revenue Share Credit Account Allocation to Participants
5. Approve updated draft Hyas Group Contract

DISCUSSION:

6. Fidelity Investments Year-End Service Report – Tony Frankovich (Fidelity Investments)
7. Staff Report – Elizabeth Grassetti (Staff)
 - a. Participant Accounts Credits/Fees
 - b. Plan Administration Accounts Activity
 - c. Plan Document Correction
8. Regulatory Update – Greg Settle (Hyas Group)
9. Financial Markets and Economic Report – Greg Settle (Hyas Group)
10. Investment Performance – Greg Settle (Hyas Group)

ITEMS TO BE CALENDARED:

MEETING ADJOURNMENT:

The next regular meeting of the 401(k)/457 and 401(a) Advisory Committees will be held at 9:00 a.m. on May 31, 2018.

MEETING MINUTES
EBMUD 401(K)/457 ADVISORY COMMITTEE
Thursday, November 30, 2017

A regular meeting of the 401(k)/457 Advisory Committee convened on Thursday, November 30, 2017 at 9:05am in the Small Training Room of the Administration Building. The meeting was called to order by Committee Member Sophia Skoda.

ROLL CALL

The following 401(k)/457 Advisory Committee Members were present: Dari Barzel, Dave Beyer, Eddie Cheung, David Correa, Catherine Humphrey, Ken Minn, Sophia Skoda and David Valenzuela. Absent Committee Members were Laura Brunson and Curtis Woodring. The following Staff members were present: Lisa Sorani, Elizabeth Grasseti and Dhanyale Dunbar. Sophia Skoda announced that Dari Barzel was retiring.

PUBLIC COMMENT

None.

CONSENT CALENDAR

1. **Approval of Minutes** – A motion was made by David Correa and seconded by Eddie Cheung to approve the August 30, 2017 minutes. The motion carried (6-0) by the following: AYES (Dari Barzel, Dave Beyer, Eddie Cheung, David Correa, Ken Minn, and David Valenzuela), NOES (none), ABSTAIN (Catherine Humphrey and Sophia Skoda), ABSENT (Laura Brunson and Curtis Woodring).

DISCUSSION

2. **Vanguard Target Retirement Funds** – Farod Ford, Vanguard Relationship Manager, presented information on Vanguard and on the Target Retirement Funds, which now represent over \$100 million of EBMUD DC Plan assets. He informed the Committee that the expense ratio for the Vanguard Institutional Index Fund is being reduced from .04% per year to .035% per year.
3. **Fidelity Investments Quarterly Service Report** – Tony Frankovich provided a newly formatted report that included monthly data. Plan There were 1,476 active participants, 929 saving less than 10%, 270 saving 10%-15%, and 277 saving greater than 15%. Participants with increased deferrals were 8% (117) and decreased deferrals were 3% (50). The number of participants with age appropriate asset allocation was 57%, age aggressive asset allocation was 24%, and age conservative asset allocation was 19%. Participant interaction by phone was 96% and by phone was 4%.
4. **Staff Report** – Lisa Sorani provided the staff report to the Committee.
 - a. The Plan budget as of September 30, 2017 was \$0 in the District \$105,500 account, \$324,041 in the Revenue Share Credit account, and \$65,168 in the new Participant

Fees Account. A total of \$56,339 was paid to Hyas Group and Fidelity Investments from the Revenue Share Credit Account.

- b. On 9/25/2017 Vanguard Target Retirement Fund Investor Shares changed to Institutional Shares and the management fee dropped from 0.13-0.16% to 0.09% saving participants 40%. Committee Members said they wanted the opportunity to provide the information to the unions and requested staff send the communication to participants in the later part of the first quarter of 2018.
 - c. Lisa provided an update on the NAGDCA conference which included a session on new fiduciary rules about offering investment advice and a session on fee policies.
 - d. The Settlement Account allocation to participants was expected to be completed by December 2017.
5. **Regulatory Update** – Greg Settle informed the Committee that the proposed Tax Reform Bill was the big discussion item, as versions of the legislation contained provisions that would negatively impact governmental 457 and 401(k) Plans. Elimination of the age 59 ½ exemption for 457 and the three-year catch-up rule for 457, as well as lowering the combined deferral limit for 457 and 401(k) combinations were all proposed. The latest version of the legislation saw those provisions nixed, hopefully not to return. Greg noted that implementation of key parts of the new Fiduciary Rule were pushed back to January of 2018, and spent some time talking about enhancements to cyber security at TPA firms. He said that the firms were also asking Plan Sponsors and participants to help make sure sensitive information and account access be protected from fraud and theft.
6. **Financial Markets and Economic Report** – Greg Settle reported that equity markets across the globe recently rose in synch, which likely extended the US business expansion cycle as foreign demand increased. Record market highs continued to be recorded and unemployment was reported at a 17 year low of 4.1%, though the overall labor participation rate remained near historic lows and wage growth remained stubbornly low. Interest rates refused to move up much, even though there was broad expectation that the Fed would raise its key rate in December.
7. **Investment Performance** – Hyas Group reviewed Plan investment performance and noted that the Scout Core Bond Fund, Hotchkiss and Wiley Mid Cap Value Fund and the Artisan Small Cap Fund underperformed the standards set forth in the Plans' Investment Policy Statement as of September 30 2017. Hotchkiss and Wiley fund's deep value style and allocations away from tech and energy contributed to the under-performance. He noted that occasional negative swings like that were part of the fund's history, and in the past they were offset by sharp upturns in following years. Hyas Group recommended patience. He also reviewed the Scout Core Plus Bond Fund, pointing out that the fund's performance in 2017 and in the recent quarter were positive and that the five-year under-performance was just below the guideline. He also pointed out that the fund had been operated fairly defensively in the past and if rates were going to climb in response to continuing good economic news the fund would be well-positioned. It was noted that as part of the purchase of Scout Investments by Carillon-Towers, the Scout Core Plus Bond Fund had been renamed the Carillon-Reams Core Plus Bond Fund. Artisan Small Cap's strong year-to-date numbers continued since quarter-end. It looks likely that the fund will be in compliance with the IPS performance guidelines by the end of the year.

ACTION

8. **Approve Updated Revenue Sharing and Expense Payment Policy** – The policy was updated to include the discontinuance of the Plan collecting revenue share and instead allocate the credits to participant accounts. David Correa moved to approve the updated policy. The motion was seconded by Sophia Skoda and carried (6-0) by the following: AYES (Dari Barzel, Dave Beyer, Eddie Cheung, David Correa, Catherine Humphrey and Sophia Skoda), NOES (none), ABSTAIN (Ken Minn and David Valenzuela), ABSENT (Laura Brunson and Curtis Woodring).
9. **Approve 2018 Plan Administration Budget** – The TPA RFP amount was amended to \$50,000. The Committee suggested other changes to the proposed budget and agreed to table the action for the next meeting.

ITEMS CALENDARED FOR FUTURE MEETINGS

- 2018 Plan Budget
- Revenue Share Credit Account Allocation

ADJOURNMENT

A motion was made by David Correa and seconded by Sophia Skoda to adjourn the meeting. The motion carried (8-0) by the following: AYES (Dari Barzel, Dave Beyer, Eddie Cheung, David Correa, Catherine Humphrey, Ken Minn, Sophia Skoda and David Valenzuela), NOES (none), ABSTAIN (none), ABSENT (Laura Brunson and Curtis Woodring). The meeting adjourned at 12:04pm.

- Fees Account. A total of \$56,339 was paid to Hyas Group and Fidelity Investments from the Revenue Share Credit Account.
- b. On 9/25/2017 Vanguard Target Retirement Fund Investor Shares changed to Institutional Shares and the management fee dropped from 0.13-0.16% to 0.09% saving participants 40%. Committee Members said they wanted the opportunity to provide the information to the unions and requested staff send the communication to participants in the later part of the first quarter of 2018.
 - c. Lisa provided an update on the NAGDCA conference which included a session on new fiduciary rules about offering investment advice and a session on fee policies.
 - d. The Settlement Account allocation to participants was expected to be completed by December 2017.
5. **Regulatory Update** – Greg Settle informed the Committee that the proposed Tax Reform Bill was the big discussion item, as versions of the legislation contained provisions that would negatively impact governmental 457 and 401(k) Plans. Elimination of the age 59 ½ exemption for 457 and the three-year catch-up rule for 457, as well as lowering the combined deferral limit for 457 and 401(k) combinations were all proposed. The latest version of the legislation saw those provisions nixed, hopefully not to return. Greg noted that implementation of key parts of the new Fiduciary Rule were pushed back to January of 2018, and spent some time talking about enhancements to cyber security at TPA firms. He said that the firms were also asking Plan Sponsors and participants to help make sure sensitive information and account access be protected from fraud and theft.
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ACTION

8. **Approve Updated Revenue Sharing and Expense Payment Policy** – The policy was updated to include the discontinuance of the Plan collecting revenue share and instead allocate the credits to participant accounts. Sophia Skoda moved to approve the updated policy. The motion was seconded by Dave Beyer and carried (4-0) by the following: AYES (Dari Barzel, Dave Beyer, Catherine Humphrey and Sophia Skoda), NOES (none), ABSTAIN (Ken Minn and David Valenzuela), ABSENT (Laura Brunson and Curtis Woodring).
9. **Approve 2018 Plan Administration Budget** – The TPA RFP amount was amended to \$50,000. The Committee suggested other changes to the proposed budget and agreed to table the action for the next meeting.

ITEMS CALENDARED FOR FUTURE MEETINGS

- 2018 Plan Budget
- Revenue Share Credit Account Allocation

ADJOURNMENT

A motion was made by Dari Barzel and seconded by David Correa to adjourn the meeting. The motion carried (6-0) by the following: AYES (Dari Barzel, Dave Beyer, Catherine Humphrey, Ken Minn, Sophia Skoda and David Valenzuela), NOES (none), ABSTAIN (none), ABSENT (Laura Brunson and Curtis Woodring). The meeting adjourned at 12:04pm.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 08, 2018

MEMO TO: 401(k)/457 and 401(a) Advisory Committees

FROM: Lisa Sorani, Manager of Employee Services

SUBJECT: Approve additional updates to Participant Fee Administration and Plan Expense Payment Policy

After the November 30, 2017 Advisory Committee meeting, staff reviewed this document again with Hyas Group and made a few additional changes for your review. Changes are corrections to names of reports that were updated and greater clarity on the goal for annual reserves.

Both a redlined and a clean copy are attached for your review and approval.

LS/dd

**PARTICIPANT FEE ADMINISTRATION AND EXPENSE PAYMENT POLICY FOR THE
EAST BAY MUNICIPAL UTILITY DISTRICT 401(K) TAX DEFERRED SAVINGS PLAN, 457
DEFERRED COMPENSATION PLAN AND TRUST, AND 401(A) PLAN ("THE PLAN")**

Updated for Plan design changes that were effective January 1, 2017

Participant Fees for Plan Recordkeeping, Administration, and Investment Consulting Expenses

Effective January 1, 2017, the East Bay Municipal Utility District's 401(k), 457(b) and 401(a) Plan expenses (not including investment management fees charged by fund managers) are to be paid for from the following resources. Together these accounts comprise the "Plan Administration Accounts."

- (a) A \$105,500 annual contribution to pay for such expenses made by EBMUD to the Plan's Administration Account (District's 105,500 Account – allocated to Org 365 budget).
- (b) Funds remaining in the Revenue Share Credit Account (held in Trust Account at TPA).
- (c) A fee charged to participant account that is equal to .033% of account assets per year. This fee may be adjusted from time to time to allow for changing asset and expense levels (Participant Fee Plan Administration Account – held in Trust Account at TPA).

Investment Revenue Sharing Proceeds

Effective January 1, 2017, any investment revenue sharing monies paid to the Third Party Administrator (TPA) are to be allocated to the accounts of the participants that were invested in the investment fund that generated those revenue sharing monies, in proportion to the amount the participants had invested. Revenue sharing monies include any monies paid to the TPA by the investment management companies that provide investment to the Plans, including but not limited to "12b-1" fees, Recordkeeping Allowances, and similar mechanisms. Allocation to participant accounts will be made quarterly.

Payment of Expenses

In accordance with Plan Documents, expenses incidental to the administration or protection of the Plan, and the management of the assets of the Plan, shall be paid from the assets of the Plan or by the Plan participants; unless the Plan Sponsor chooses to pay such expenses directly. To the extent permitted by law, the Plan Sponsor may be reimbursed from the Plan for any direct expenses properly and actually incurred in connection with the performance of services for the Plan.

Expenses may be paid or reimbursed from the ~~Revenue Share Credit Account~~ Plan Administration Accounts within the guidelines set forth in this policy.

The expenses that may be paid from, or which may be reimbursed to the Plan Sponsor for its payment of, include and are not limited to, the following:

- (a) Ongoing Plan administration expenses, such as record keeping, legal, auditing, annual reporting, claims processing and similar administrative expenses;
- (b) Investment advisory, administration investment or service fees and expenses;
- (c) Costs incurred in preparing, printing and distributing Plan-related documents and other Participant communication materials;
- (d) Costs associated with benefit distributions and transactions;
- (e) Expenses to provide investment assistance and education to Participants;
- (f) Costs for providing on-going education, including the costs of attending seminars and conferences, for members of the Committee, fiduciaries, and staff with respect to the Plan as necessary or appropriate to assist in the discharge of their responsibilities to the Plan; and
- (g) Request for Proposal process, to be done every 5-7 years.

Target Minimum Balance for the Plan Administration Accounts

In order to be prepared for unforeseeable events, the Plan Administration Accounts shall be managed with a goal of maintaining a minimum balance equal to six months' worth of Plan expenses based on the annually updated Expected Revenue and Expense report.

Allocation of Excess Participant Fee Accruals

Excess fees collected from participants (amounts in excess of reasonable Plan expenses referenced above) remaining in the Participant Fee Plan Administration Account, as well as funds remaining in the Revenue Share Credit Account may be distributed to Plan participants.

Each quarter, the Deferred Compensation Advisory Committee will review ~~all amounts remaining in~~ balances in the Plan Administration Accounts and will assess such amounts in light of expenditures under the annual Plan ~~Budget~~ Expected Revenues and Expenses. If allocation to participants will be made, it will be determined at the first quarter meeting in a calendar year after review and discussion of Plan Expenses and Revenue. ~~and if~~ allocations are to be made, they will be made by the end of the second quarter of that calendar year. Each instance of Plan participant allocation must be recommended by a majority vote of the Deferred Compensation Advisory Committee. The allocation method used for participant allocation will be pro-rata as recommended by a majority vote of the Deferred Compensation Advisory Committee. Allocation timeframes and methods may be dictated in part by Service Provider contracts. Contracts should be reviewed and written to meet preferences of Deferred Compensation Advisory Committee as related to participant allocation methods.

Any amounts allocated will only be done for active Plan participants as of the specific selected date that allocation calculations are made.

Participant Fee Administration and Expense Payment Policy for the
East Bay Municipal Utility District 401(k) Tax Deferred Savings Plan, 457 Deferred Compensation Plan and
Trust, and 401(A) Plan

Page 3

This is a general Deferred Compensation Advisory Committee policy, and the Advisory Committee reserves the right to change this policy at any time to handle a change in service providers or terms available under current service provider, financial emergency or unforeseen circumstances.

REDLINED

~~November 30, 2017~~ March 8, 2017

**PARTICIPANT FEE ADMINISTRATION AND EXPENSE PAYMENT POLICY FOR THE
EAST BAY MUNICIPAL UTILITY DISTRICT 401(K) TAX DEFERRED SAVINGS PLAN, 457
DEFERRED COMPENSATION PLAN AND TRUST, AND 401(A) PLAN (“THE PLAN”)**

Updated for Plan design changes that were effective January 1, 2017

Participant Fees for Plan Recordkeeping, Administration, and Investment Consulting Expenses

Effective January 1, 2017, the East Bay Municipal Utility District’s 401(k), 457(b) and 401(a) Plan expenses (not including investment management fees charged by fund managers) are to be paid for from the following resources. Together these accounts comprise the “Plan Administration Accounts.”

- (a) A \$105,500 annual contribution to pay for such expenses made by EBMUD to the Plan’s Administration Account (District’s 105,500 Account – allocated to Org 365 budget).
- (b) Funds remaining in the Revenue Share Credit Account (held in Trust Account at TPA).
- (c) A fee charged to participant account that is equal to .033% of account assets per year. This fee may be adjusted from time to time to allow for changing asset and expense levels (Participant Fee Plan Administration Account – held in Trust Account at TPA).

Investment Revenue Sharing Proceeds

Effective January 1, 2017, any investment revenue sharing monies paid to the Third Party Administrator (TPA) are to be allocated to the accounts of the participants that were invested in the investment fund that generated those revenue sharing monies, in proportion to the amount the participants had invested. Revenue sharing monies include any monies paid to the TPA by the investment management companies that provide investment to the Plans, including but not limited to “12b-1” fees, Recordkeeping Allowances, and similar mechanisms. Allocation to participant accounts will be made quarterly.

Payment of Expenses

In accordance with Plan Documents, expenses incidental to the administration or protection of the Plan, and the management of the assets of the Plan, shall be paid from the assets of the Plan or by the Plan participants; unless the Plan Sponsor chooses to pay such expenses directly. To the extent permitted by law, the Plan Sponsor may be reimbursed from the Plan for any direct expenses properly and actually incurred in connection with the performance of services for the Plan.

Expenses may be paid or reimbursed from the Plan Administration Accounts within the guidelines set forth in this policy.

The expenses that may be paid from, or which may be reimbursed to the Plan Sponsor for its payment of, include and are not limited to, the following:

- (a) Ongoing Plan administration expenses, such as record keeping, legal, auditing, annual reporting, claims processing and similar administrative expenses;
- (b) Investment advisory, administration investment or service fees and expenses;

Participant Fee Administration and Expense Payment Policy for the
East Bay Municipal Utility District 401(k) Tax Deferred Savings Plan, 457 Deferred Compensation Plan and
Trust, and 401(A) Plan

Page 2

- (c) Costs incurred in preparing, printing and distributing Plan-related documents and other Participant communication materials;
- (d) Costs associated with benefit distributions and transactions;
- (e) Expenses to provide investment assistance and education to Participants;
- (f) Costs for providing on-going education, including the costs of attending seminars and conferences, for members of the Committee, fiduciaries, and staff with respect to the Plan as necessary or appropriate to assist in the discharge of their responsibilities to the Plan; and
- (g) Request for Proposal process, to be done every 5-7 years.

Target Minimum Balance for the Plan Administration Accounts

In order to be prepared for unforeseeable events, the Plan Administration Accounts shall be managed with a goal of maintaining a minimum balance equal to six months' worth of Plan expenses based on the annually updated Expected Revenue and Expense report.

Allocation of Excess Participant Fee Accruals

Excess fees collected from participants (amounts in excess of reasonable Plan expenses referenced above) remaining in the Participant Fee Plan Administration Account, as well as funds remaining in the Revenue Share Credit Account may be distributed to Plan participants.

Each quarter, the Deferred Compensation Advisory Committee will review balances in the the Plan Administration Accounts and will assess such amounts in light of expenditures under the annual Plan Expected Revenues and Expenses. If allocation to participants will be made, it will be determined at the first quarter meeting in a calendar year after review and discussion of Plan Expenses and Revenue. If allocations are to be made, they will be made by the end of the second quarter of that calendar year. Each instance of Plan participant allocation must be recommended by a majority vote of the Deferred Compensation Advisory Committee. The allocation method used for participant allocation will be pro-rata as recommended by a majority vote of the Deferred Compensation Advisory Committee. Allocation timeframes and methods may be dictated in part by Service Provider contracts. Contracts should be reviewed and written to meet preferences of Deferred Compensation Advisory Committee as related to participant allocation methods.

Any amounts allocated will only be done for active Plan participants as of the specific selected date that allocation calculations are made.

This is a general Deferred Compensation Advisory Committee policy, and the Advisory Committee reserves the right to change this policy at any time to handle a change in service providers or terms available under current service provider, financial emergency or unforeseen circumstances.

as of 3/8/2018

***2019 will will include a \$40,000 fee for RFP for TPA services, and a \$2k increase the HYAS consulting fee.**
Not all fees expenses incurred in the calendar year are paid in the same calendar year, after 4th quarter costs are paid in the 1st quarter.

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 08, 2018

MEMO TO: 401(k)/457 and 401(a) Advisory Committees

FROM: Lisa Sorani, Manager of Employee Services

SUBJECT: Approve 2018 Expected Plan Revenue and Expense Report

The prior Deferred Compensation Plan Budget report has been revised and renamed the Expected Plan Revenue and Expense Report. Attached is the revised report for 2018. This report is used to help the Committee see Plan Administration Account balances, expected revenue (inflows to Plan Administration Accounts), and expected expenses (outflows from the Plan Administration Accounts) in a calendar year. The report also gives the Committee a visual to determine if Plan Administration Accounts have more funds than needed for Plan expenses.

The purpose of approving this document each year is to ensure the Committee is in agreement with the expected expenses.

LS/dd

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 08, 2018

MEMO TO: 401(k)/457 and 401(a) Advisory Committees

FROM: Lisa Sorani, Manager of Employee Services

SUBJECT: Determine Revenue Share Credit Account Allocation to Participants

In accordance with the updated Participant Fee Administration and Expense Payment Policy the Advisory Committee members will review the Plan Administration Accounts against expected expenses for the year and determine if a participant allocation of funds from the Revenue Share Account or Participant Fee account is appropriate.

Enclosed in this meeting packet as items 1, 2, and 7 on the agenda, is the data needed to make a review and determination. Those items are:

1. Participant Fee Administration and Expense Payment Policy
2. 2018 Expected Plan Revenue and Expense report
7. Cash account balance sheets for each of the three accounts comprising the Plan Administration Accounts.

The Participant Fee Administration and Expense Policy outlines the guidelines the committee can use to determine if an allocation of Plan Administration Account funds may be allocated to participants. The 2018 Expected Plan Revenue and Expense report had information for what six months of expenses would be, and what the likely fund balances would be at the end of 2018 if no allocation is made to participants. The 12/31/17 cash account balance sheets are also available if needed to see final account balances and the funds spent in the prior year.

If the committee elects to make an allocation to participants, staff needs to know the total amount to be distributed. Staff will work with Fidelity to implement any amount to be allocated in the following calendar quarter.

LS/dd

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 08, 2018

MEMO TO: 401(k)/457 Advisory Committee

FROM: Lisa Sorani, Employee Services Manager

SUBJECT: New Hyas Group Contract

RECOMMENDATION

Approve the terms of a new Hyas Group Investment Consulting Services Agreement to reflect updated compensation, services for Third Party Administrator RFP, and options to extend two additional periods.

DISCUSSION

The updated draft Hyas Group contract would be effective June 30, 2018 after approval by the Board of Directors. The annual fees will increase from \$46,000 to \$50,000, with an additional \$2,000 increase to \$52,000 in the second optional extension period.

Staff will pay Hyas against the current \$46,000 annual fee through June 30, 2018. The initial term of the new contract will run June 30, 2018 – December 31, 2019. The contract will include an additional \$40,000 in the initial term for Hyas to manage the TPA RFP. There will be an option to extend the contract for calendar year 2020 at \$50,000 per year, and a final option to extend the contract for calendar year 2021 at \$52,000 per year.

Staff would plan to do a RFP for investment consulting services in calendar 2020 and bring that information to the Advisory Committee so a decision can be made whether to continue to retain Hyas or transition to a new vendor.

Staff recommends approving this updated contract for Hyas and hiring them to manage the TPA RFP. Hyas has been very helpful as the committee grappled with decisions to change revenue share use in the Plan Administration, including offering data from their portfolio of other public agency clients to give the committee a sense of how other agencies were handling similar issues. Hyas have also worked with staff to renegotiate favorable terms with Fidelity as we requested contract changes in-line with our revenue share changes. These changes and their work with Vanguard, has saved money for plan participants. Lastly, the knowledge Hyas has about our DC Plans and the concerns of the administrative committee related to revenue share and Plan Administration cost will allow Hyas to build the TPA RFP without needing much additional research with the committee. Their RFP project price of \$40,000 is reduced \$5,000 from their fee in 2012.

LS/dd
Attachment



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CONSULTING SERVICES AGREEMENT EAST BAY MUNICIPAL UTILITY DISTRICT AND HYAS GROUP, LLC

THIS AGREEMENT for consulting services is made by and between the Hyas Group, LLC, an Oregon limited liability company ("Consultant") and The East Bay Municipal Utility District ("Client") as of ~~January-June 30+~~, 2016~~5~~.

WHEREAS, Consultant desires to perform, and Client desires to have Consultant perform, certain general services for the East Bay Municipal Utilities District 457, 401(a) and 401(k) Plans (Collectively "Plans").

NOW, THEREFORE, in consideration of the mutual covenants and promises set forth below, the parties agree as follows:

SECTION I - DEFINITIONS:

1.1 Scope of Work - means each document agreed upon by Client and Consultant for specific Services to be performed and the Deliverables to be provided to Client and any other performance requirements mutually agreed to between the parties. The Scope of Work attached as Exhibit A –Annual Investment and Plan Consulting Services & Exhibit B- Request for Proposals (RFP) for Third Party Administrator (TPA) Project, shall be deemed incorporated herein in its entirety by reference. Services under Exhibit A are provided on an annual basis. Services under Exhibit B are project bases and must be completed within the Initial Term, as noted in Section 2.1, of this contract.

1.2 Deliverables - means, with respect to the Scope of Work, the items specified in such Scope of Work as Deliverables of the Consultant.

1.3 Services - means the Services under the Scope of Work, which Consultant shall provide to Client under this Agreement.

1.4 Consultant Work Product - means any and all items and information delivered to Client or its employee(s), or otherwise generated by Consultant or its agent in the course of providing Services under this Agreement, whether in hard copy or electronic form, including all Deliverables, works of authorship, reports, designs, analyses and other supporting material, summaries and recommendations.

SECTION II - SERVICES:

Subject to the terms and conditions set forth in this Agreement, Consultant shall provide to Client the Services described in the Scope of Work attached as Exhibit A – Annual Investment and Plan Consulting Services Scope of Work, in the manner specified therein.

2.1 Term of Services. The ~~Initial Term~~ of this Agreement shall begin on the date first noted above and shall continue until December 31, ~~2015-2019~~, and include TPA RFP project services, unless it is terminated earlier as provided under Section 7. ~~Fees and Services may be renegotiated upon mutual agreement. District reserves an option to extend this contract for an additional two years, in one year increments.~~

2.2 Duties of Consultant. Consultant shall provide the Services and the Consultant Work Product during the term of this Agreement in accordance with the terms and conditions of this Agreement and the Scope of Work. Consultant will provide all resources, facilities, management, labor, expertise, skills, tools and equipment necessary for the performance of its obligations under this Agreement and any Scope of Work. Without limiting the foregoing, Consultant shall: (i) keep Client advised of the progress of the delivery of the Services and the status of the Deliverables; (ii) permit any designated representative of Client periodically to review the work of Consultant personnel performing Services and preparing Deliverables; (iii) perform the Services in a timely manner and provide the Deliverables in accordance with the Scope of Work; and (iv) keep accurate records of work performed, evidence of which Consultant shall provide to Client upon Client's request.

2.3 Assignment of Personnel. Consultant shall assign only competent personnel to perform Services pursuant to this Agreement and the duties and responsibilities under this Agreement shall not be subcontracted to any other person or entity, in whole or in part, without Client's prior written approval. In the event that Client, in its sole discretion, at any time during the term of this Agreement, desires the reassignment of any such persons, Consultant shall, immediately upon receiving notice from Client of such desire of Client, reassign such person or persons.

2.4 Changes to Scope of Work. Client may at any time by written notice make changes within the general reach of any Scope of Work, and if agreed in writing by Consultant, the Consultant shall proceed without delay to perform the Scope of Work as changed. However, should any change to a Scope of Work result in a material change to the performance, schedule or cost of the Scope of Work, Client and the Consultant shall enter into an amendment of the Scope of Work signed by both parties before providing Services, Deliverables and or Company Work Product to Client.

SECTION III - COMPENSATION:

3.1 Annual Consulting Services and TPA RFP. Consultant shall be paid a sum not to exceed \$~~46115~~,000 ~~annually during the Initial Term, which includes an annual rate of \$50,000 for Consulting Services and project rate for the TPA RFP of \$40,000.~~ In accordance with the Scope of Work for the Services, Deliverables and Consultant Work Product. Client shall make quarterly payments ~~of \$11,500 and such for the Consulting Services (\$12,500)~~ payments shall be Consultant's sole compensation, including travel and all other expenses for its rendering of the Services and preparation and delivery of the Consultant Work Product. Consultant will invoice Client separately for the work related to the TPA RFP, which will be not more than \$40,000 and will be completed prior to December 31, 2019. If contract is extended for

the period 1/1/2020 – 12/31/2020 the annual rate will be \$50,000. If the contract is again extended for the period 1/1/2021 – 12/31/2021 the annual rate will be \$52,000.

Consultant shall invoice Client at the address listed in this agreement for the Services, Deliverables or Company Work Product and shall be paid net thirty (30) days from date of an accurate invoice or receipt of Services, Deliverables or Company Work Product, whichever occurs later.

SECTION IV - CONSULTANT'S REPRESENTATIONS, WARRANTIES AND COVENANTS

Consultant represents, warrants and covenants as follows:

4.1 Compliance with applicable law. Throughout the term of this Agreement, Consultant, its employees and authorized agent(s): (i) shall comply with all applicable state and local laws, regulations, rules, and federal orders respecting the performance by Consultant of its duties and responsibilities under this Agreement; and (ii) shall obtain and maintain all licenses, permits and approvals required by any federal, state or local licensing, regulatory, or other agency or authority for performance of the work required by this Agreement or the Scope of Work.

4.2 Use of qualified personnel. Consultant will use qualified individuals with suitable training, experience, capabilities, skill and licenses to perform its obligations under this Agreement.

4.3 Quality of Work. Consultant will perform this Agreement and any Scope of Work hereunder in a manner consistent with industry standards reasonably applied to the performance of such work. The Services and Consultant Work Product provided hereunder shall (i) be of good and marketable quality; (ii) be free from all defects in design, materials, workmanship, performance and title; and (iii) meet the applicable specifications, samples, descriptions and requirements specified in the Scope of Work and this Agreement.

SECTION V - STATUS OF CONSULTANT:

5.1 Independent Contractor. Client and Consultant are independent contractors and have no power or authority to bind the other or to create any obligation or responsibility on behalf of the other. Under no circumstances shall any employee of one party be deemed to be the employee of the other for any purpose. Nothing herein shall be construed as implying a joint venture, agency, employer-employee of partnership relationship between the parties hereto. Consultant is solely responsible for all of its own taxes, withholdings, and other similar statutory obligations related to this Agreement and the Scope of Work.

SECTION VI - LEGAL:

6.1 Governing Law. This Agreement will be governed and interpreted in accordance with the laws of the State of California and applicable federal law.

6.2 Force Majuere. Neither party shall be liable for any delay or failure in performance due to acts of God, earthquake, flood, riots, fire, epidemics, war or terrorism. Each party shall immediately notify the other party of the occurrence of such an event affecting such party and shall use all reasonable efforts to

|

recommence performance as soon as possible. The obligations and rights of the excused party shall be extended on a day-to-day basis for the time period equal to the period of the excusable delay.

6.3 Legal Proceedings. Consultant will have no obligation to render advice or take any action with respect to securities or other investments, or the issuers thereof, which become subject to any legal proceedings, including bankruptcies.

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SECTION VII - TERMINATION, MODIFICATION AND EXTENSION:

7.1 Termination. Client may terminate this Agreement at any time, with or without cause, by giving thirty (30) days written notice to Consultant. In the event of a termination under this subsection, Consultant shall immediately cease work on the terminated matter(s), performing only efforts reasonably necessary to wind down and preserve work that has been performed. In the event of a termination of this Agreement for any reason, Consultant shall be obligated to deliver, and Client will be obligated to pay Consultant for, only Services and Consultant Work Product actually performed or prepared by Company prior to the date of termination, and delivered to and accepted by Client within a reasonable time after the effective date of termination. Client, however, may condition payment of such compensation upon Consultant delivering to Client any or all documents, photographs, computer software, video and audio tapes, and other materials provided to Consultant or prepared by or for Consultant or Client in connection with this Agreement.

7.2 Transition. Consultant shall, if requested by Client take all reasonable steps to achieve an orderly transition upon termination and provide reasonable training for Client or third party personnel.

7.3 Amendments. The parties may amend this Agreement upon mutual written agreement.

SECTION VIII - GENERAL:

8.1 Employer Securities. If the Plans are permitted to hold "employer securities" (as defined at ERISA § 407(d)(I)) or real property, Consultant will not have any role or responsibility, either arising from this Agreement or otherwise, to advise you or any other fiduciary with respect to the decision to invest, hold or dispose of such employer securities or real property. Client will indemnify, defend and hold Consultant harmless from any claim, liability or expense relating to the employer securities and real property held by the Plan.

8.2 Proxy Voting. Consultant does not exercise proxy voting authority over client securities. The obligation to vote client proxies at all times rests with the Client. However, Client is not precluded from contacting Consultant for advice or information about a particular proxy vote. Consultant will not be deemed to have proxy voting authority as a result of providing such advice to Client.

Should Consultant inadvertently receive proxy information for a security held in the Plan's account, Consultant will immediately forward such information to Client, but will not take any further action with respect to the voting of such proxy. Upon termination of this Agreement, Consultant will make a good faith and reasonable attempt to forward proxy information inadvertently received by Consultant on the Client's behalf to the forwarding address that the Client provides to Consultant.

8.3 Risk. Client recognizes that there may be loss or depreciation of the value of any investment due to the fluctuation of market values. Client represents that no party to this Agreement has made any guarantee, either oral or written, that the Plan's investment objectives will be achieved. Consultant will not be liable for any error in judgment and/or for any investment losses in the absence of malfeasance, negligence or violation of applicable law. Nothing in this Agreement will constitute a waiver or limitation of any rights, which Client may have under applicable state or federal law, including without limitation state and federal securities laws.

8.4 Confidentiality. In connection with the performance of Consultant's services under this Agreement, we will hold any confidential information received from Client in strict confidence. Consultant will not disclose such information to any third party, except in compliance with Consultant's privacy policy, as necessary to perform Consultant's services on Client's behalf, or as required by law. Client also agrees that Client will respect the proprietary nature of Consultant's work product, and only disclose our advice, reports and recommendations to others in a manner consistent with the intended purposes of Consultant's engagement.

8.5 No Waiver. No waiver of rights under this Agreement or the Scope of Work hereunder by either party shall constitute a subsequent waiver of this or any other right under this Agreement.

8.6 Assignment. Neither this Agreement nor any rights under this Agreement (nor any Scope of Work hereunder), other than monies due or to become due, shall be assigned or otherwise transferred by Consultant (by operation of law or otherwise) without the prior written consent of Client.

8.7 Severability. In the event that any of the terms of this Agreement or any Scope of Work hereunder or the performance of any obligation by either party thereunder becomes or is declared to be illegal by any court of competent jurisdiction or other governmental body, such term(s) shall be null and void and shall be deemed deleted from this Agreement or the Scope of Work. All remaining terms of this Agreement shall remain in full force and effect.

8.8 Entire Agreement. This Agreement and the Scope of Work expressly incorporated herein, are the complete agreement between the parties hereto concerning the subject matter of this Agreement and replace any prior oral or written communications (including invoices) between the parties. There are no conditions, understandings, agreements, representations, or warranties, expressed or implied, which are not specified herein. This Agreement may only be modified by a written document executed by authorized representatives of the parties hereto.

8.9 Acknowledgement of Receipt of Part II Form ADV. Client acknowledges that it has received and has had an opportunity to read Consultant's firm brochure (Form ADV, Part 2A) and applicable brochure supplements (Form ADV, Part 2B) prior to, or at the time of, entering into this Agreement.

8.10 Acknowledgement of Receipt of Privacy Notice. Client acknowledges that it has received and has had an opportunity to read Consultant's privacy notice prior to, or at the time of, entering into this Agreement.

8.11 Insurance Requirements. Consultant will take out and maintain during the life of the Agreement Workers Compensation Insurance, Automobile and General Liability Insurance, and Professional Liability Insurance that provides protection from claims that may arise from operations or performance under this Agreement.

The amounts of insurance shall be not less than the following:

\$24,000,000/Occurrence Bodily Injury, Property Damage- Automobile.

\$24,000,000/Occurrence Bodily Injury, Property Damage- General Liability.

\$3,000,000 Professional Liability Insurance (Errors and Omissions)

The following coverages or endorsements must be included in the policies:

- (1) District and its Directors, officers and employees are additional insured's in the policy(ies) as to the work being performed under this Agreement;
- (2) The policy(ies) is(are) written on an occurrence basis;
- (3) The policy(ies) cover(s) personal injury (libel, slander and trespass) liability;
- (4) The policy (ies) shall not be canceled or materially altered unless 30 days' written notice is given to the DISTRICT.

East Bay Municipal Utility District	Hyas Group, LLC
Signature:	Signature: 
Name: Alexander R. Coate	Name: Jayson Davidson, CFA
Title: General Manager	Title: Managing Partner, Director of Consulting Services
Date:	Date: January 26, 2015 June 30, 2018
Phone: (510) 287-0101	Phone: (971) 634-1501
Mobile: (510) 867-5305	Mobile: (503) 360-3510
Fax: (510) 287-0188	Fax: (971) 275-1856
Email: acoate@ebmud.com	Email: jdavidson@hyasgroup.com
Mailing Address: East Bay Municipal Utility District P.O. Box 24055 Oakland, CA 94623	Mailing Address: Hyas Group, LLC 108 NW 9 th Avenue, Suite #203 Portland, OR 97209

EXHIBIT A

ANNUAL INVESTMENT AND PLAN CONSULTING SERVICES - SCOPE OF WORK

Annual Investment Policy Statement Review and Maintenance

- Review Statement with Committee regarding purpose, content and maintenance
- Assure that Statement reflects investment goals and objectives
- Revise Statement as needed to reflect changes in investments, processes and standards
- Present draft revised Statement for review, final edits and adoption

Quarterly Plan and Investment Performance Reporting

- Provide market performance update including domestic, and international markets
- Contrast performance to Policy requirements
- Evaluate overall Plan performance vs. benchmarks, analyze Plan cash-flow dynamics
- Perform Complete Fee and Expense Analysis
- Report on any developing Plan and investment related due diligence issues or changes that may materially impact the Plans
- If requested, make recommendations to replace or retain investment managers as warranted

Annual Review of Plan Design and Operations

- Monitor participant decision-making at retirement
- Advise Plan Sponsor regarding trends in participant behavior
- Advise Plan Sponsor of emerging products and methods seeking to optimize participant outcomes
- Identify “Best Practices” in Plan design and operations and advise Plan Sponsor of them
- Review proposed new investment products for performance, risk, quality and cost

On-Going Due-Diligence Research

- Monitor investment provider firms and management personnel
- Report on changes in manager firm financial health, ownership, and key personnel
- Monitor Plan’s Third Party Administrator business, financial and regulatory status
- Report on changes that may materially impact the Plans

Participant Communications Materials Development

- Assist Committee with developing communications to participants regarding investment changes
- Assist Committee with communicating to participants regarding various Plan initiatives, such as fee model changes, retiree education programs, etc.
- Assist Committee in developing and implementing communication initiatives in partnership with the Plan’s Third Party Administrator

Regulatory, Legal and Compliance Monitoring and Updating

- Monitor and Report on adopted and proposed Federal and State regulatory changes
- Monitor and Report on court rulings and actions that may impact the Plans and Plan fiduciaries

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EXHIBIT B
REQUEST FOR PROPOSALS FOR THIRD PARTY ADMINISTRATOR PROJECT
SCOPE OF WORK

Initial Planning and Needs Assessment Meeting

- Discuss and finalize goals and objectives
- Establish formal timeline
- Identify roles and responsibilities

Retirement Plan Committee Education and Training

- Provide special training on fiduciary duties and responsibilities as they apply in the RFP process
- Provide training update on modern DC plan services, investments, features and design

Data Gathering and Plan Assessment

- Draft existing vendor data request and send to appropriate contacts
- Collect data and analyze, submit and review follow-up questions as needed
- Prepare and submit analysis and benchmark comparison to Committee
- Conduct RFP goal and plan design discussion with Committee

RFP Preparation and Document Issuance

- Create draft of RFP encompassing data, goals and objectives
- Discuss and finalize RFP document
- Issue RFP to prospective and current vendors
- Respond to vendor questions

Collect and Analyze RFP Responses

- Collect all RFP responses and related materials
- Organize information and conduct initial review of RFP responses
- Conduct and finalize RFP analysis, prepare report and send to client
- Meet with client to review analysis and make recommendations
- Schedule interviews with vendors if necessary

Candidate Vendor Interview Sessions (if required)

- Notify vendors of interview requirements and evaluation criteria
- Provide committee with interview format and evaluation criteria
- Facilitate interview sessions by tracking time, providing instructions and direction to all parties
- Provide recommendations and post interview analysis
- Assist Committee in arriving at final selection decision

Final Negotiations and Contract Preparation

- Contact vendors to finalize any interview and/or offer specifics
- Notify successful vendor of client's intent to award
- Work with vendor and client to finalize contract language
- Prepare investment option evaluation and recommendation report (if any changes are to be made)

Transition Planning and Assistance

- Assist with transition communication and implementation planning
- Review all participant communication materials
- Evaluate investment mapping and related materials (if needed)
- Monitor timeline and task completion
- Update Investment Policy Statement as needed

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2017 Retirement Review

Plan health and participant engagement

Presented by

- Tony Frankovich
- Dee Johnson
- Dan Weber



Our sole focus



Our Planning Process

1

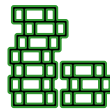
Planning



- 2017 data analytics review
- Share relevant trends/observations
- Discussion of goals and priorities

2

Solutions



- Confirm your desired goals
- Fidelity suggests solutions and projects
- Agree on initiatives for the coming year

3

Execution



- Official documentation of agreed upon commitments
- Fidelity team members lead tactical follow up calls as needed
- Execute all solutions (ongoing)

Agenda

Today



Our 2017 Accomplishments



Your Plan Health: 2017 in Review



Your Goals for 2018



Trends in Your Market



Next Steps

Accomplishments

Item	Timing
Implemented participant revenue credit and administration fee	Q1 2017
Fund Action – Removed Huber Small Cap Value	Q2 2017
Fund action – Vanguard 2010 fund merger	Q2 2017
Annual Saturday Retirement 1:1 Seminar's	Q2 & Q3 2017
Fund action – Vanguard share class change	Q4 2017
Contract extension through 2019	Q4 2017

Employees have an increasingly diverse set of needs

Trends that we're seeing today



1. Fidelity Participant Marketing Analytics, Financial Wellness C&E Campaign, as of December 2016
2. My Fidelity Connection WI Participant Online Panel, Oct 2016, Survey response rate = 496.
3. Results from 2,000 respondents to the "Fidelity Investments Help and Advice" survey, April 2017. Data collection was completed by CMI Research. Fidelity Investments was not identified as the survey sponsor. CMI Research is an independent research firm not affiliated with Fidelity Investments
4. SHRM (Society for Human Resources Management), "Health Benefits take bigger bite out of paychecks," Sept. 2016. Comparison of 2015 vs. 2016 costs.
5. PhishMe, "2016 Enterprise Phishing Susceptibility and Resiliency Report"
6. SHRM (Society for Human Resources Management), 2017 Employee Benefits Report

They bring their financial stress to work with them

Resulting in significant impact to your bottom line



Productivity Loss

54% are less committed at work after periods of stress¹



Increased Absenteeism

1 in 5 left the job early, or missed work altogether, to resolve financial issues²



Recruitment & Training Cost

Replacing a salaried employee can cost an average of 6 to 9 months' salary³



Healthcare Claims

Health care costs are 46% higher for stressed vs. non-stressed employees⁴

1. Fidelity Investments Life Decisions Research online survey of more than 9,000 defined contribution plan participants recordkept by Fidelity and who are employed full-time (more than 30 hours per week). The research was completed in October 2016 by Greenwald & Associates, Inc., an independent third-party research firm. Fidelity also worked in collaboration with the Stanford Center on Longevity on the study.
2. EBN, Impact of Employee Financial Stress May Be Higher than Thought, April 2016.
3. Regina Corso Consulting, American Student Assistance Young Workers and Student Debt Survey, January 2017. n=502 young workers between the ages of 22 and 33.
4. Eastern Kentucky University, Burnt! Stress at the Workplace and How It's Reshaping America, 2017

East Bay Municipal Utility District

2017 Business Planning Report



Setting goals for a retirement program

Key indicators of healthy retirement program

Employee Participation Goal

95%

Implement plan design features to increase employee participation in the retirement program.



Total Savings Rates Goal

15%

Design the retirement program to achieve a 15% total (employee + employer) savings rate.



Asset Allocation Goal

85%

Develop an investment lineup to help achieve high levels of age appropriate asset allocation.



Employee Engagement Goal

80%

Achieve and maintain a high level of employee engagement in the retirement plan.



Executive Summary

As of Q4-2017



Plan Design

	Client	Best Practice
Auto Enroll (AE) Type & Default Rate	Not Enabled	All Eligible @ 6%
Auto Annual Increase Program (AIP) Cap Rate	Not Enabled	10%
EasyEnroll Design	8-12%	8-12%
DB / DC Core Contribution	DC Match Design	
	None	



Engagement

	Client	Best Practice
Engagement Rate ²	72%	80%
Retirement Planning & Advice Rate ¹	23%	25%
Permission to Call Participants		
E-Mail Coverage Percentage ¹	93%	85%
# of Key Campaigns Delivered ³	4/5	5/5
Deferral Tracking Enabled		



Retirement Readiness

	Client	Best Practice
% of Participants Contributing ¹	89%	95%
Average Total Savings Rates ¹	12%	15%
% Achieving a 15% Total Savings Rate ¹	22%	40%
Participant AIP Utilization Rate ¹	11%	80%
Age Appropriate AA % ⁴	59%	85%
Loan Utilization Rate ¹	21%	<10%

1. Fidelity record kept data as of 12/31/17 for active participants with a balance. Excludes terminated and zero balance participants.

2. Percent of active participants contacting Fidelity by phone or NetBenefits® in the twelve months prior to and including 12/17. Excludes terminated and zero balance participants.

3. Key campaigns are America Saves Week, Financial Wellness, Onboarding, Quarterly Check-In, and Trigger Campaigns

4. For asset allocation purposes the participant's current age and equity holdings are compared to a table containing an age-based equity holding percentages based on the equity glide path. See appendix for more information

Employee Participation

Implement plan design features to increase employee participation in the retirement program



Auto Enrollment



Enabled for all
Eligible Employees

0%

OF PEERS AUTO ENROLL ALL ELIGIBLE
EMPLOYEES



EasyEnroll



EasyEnroll
Enabled

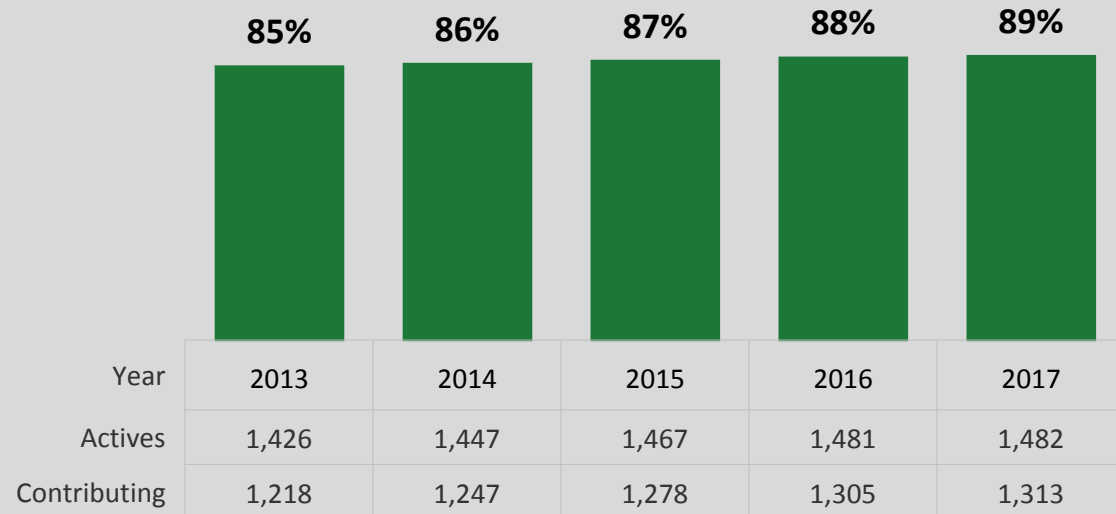
22%

OF PEERS UTILIZE EASYENROLL WITH
AN 8/10/12% PACKAGE OR BETTER

Percent of Active Participants Contributing¹

Trend and Assessment²

Needs Attention (0-61%) Fair (62-71%) Good (72-84%) On Target (+85%)



86%

PEER AVERAGE

98%

TOP PERFORMERS

Fidelity record kept data as of 12/31/17. Public Sector Peer Group

1. Fidelity record kept data as of 12/31/17 for active participants with a balance. Excludes terminated and zero balance participants.
2. Assessment grades based on Fidelity Tax Exempt Market Benchmarking and the Fidelity Retirement Plan Health Score Methodology. Implementing Auto Enrollment for all eligible employees at a 5-6% default rate is a best practice toward improving participation rates.

706485.10.0.



Total Savings Rates

Design the retirement program to achieve a 15% total (employee + employer) savings rate



Plan Auto AIP

Enabled



Auto AIP Cap Rate

N/A

3%

OF PEERS UTILIZE AN ANNUAL INCREASE PROGRAM WITH A CAP OF 10% OR MORE



Total Savings Rates

At Maximum Match

N/A

At AIP Cap

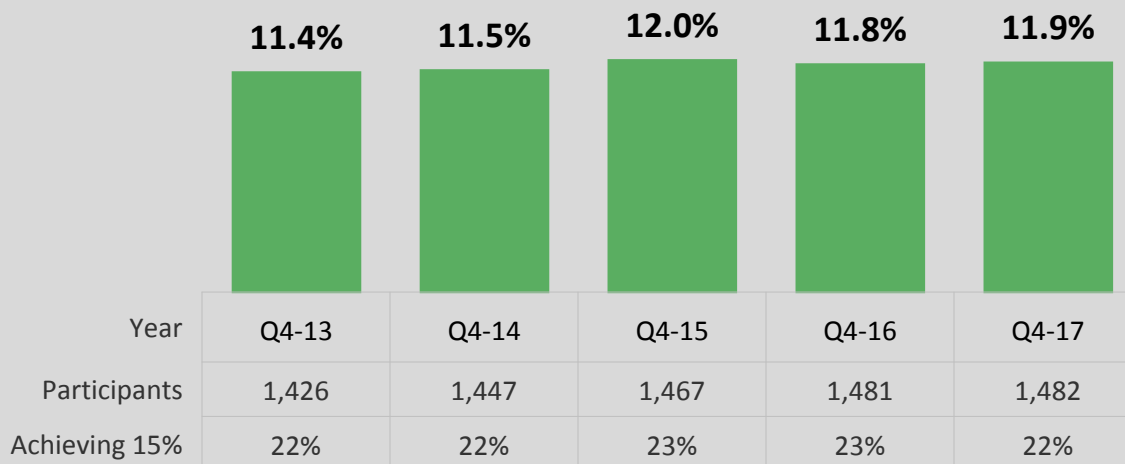
N/A

DESIGN THE RETIREMENT PROGRAM TO ACHIEVE A 15% TOTAL (EMPLOYEE + EMPLOYER) SAVINGS RATE

Total Savings Rates¹

Trend and Assessment²

Needs Attention (0-6%) Fair (7-9%) Good (10-12%) On Target (+13%)



13.1%

PEER AVERAGE

19.9%

TOP PERFORMERS

Fidelity record kept data as of 12/31/17. Public Sector Peer Group

1. Fidelity record kept data as of 12/31/17 for active participants with a balance. Excludes terminated and zero balance participants.
2. Assessment grades based on Fidelity Tax Exempt Market Benchmarking and the Fidelity Retirement Plan Health Score Methodology. Implementing Plan Auto AIP with a cap of 10% is a best practice toward improving average total savings rates.

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Asset Allocation

Develop an investment lineup to achieve high levels of age appropriate asset allocation.



Investment Lineup

TDF Default Utilized



Investment Options 17

92% OF PEERS UTILIZE A TARGET DATE FUND AS THEIR QDIA



Other Features

Managed Account



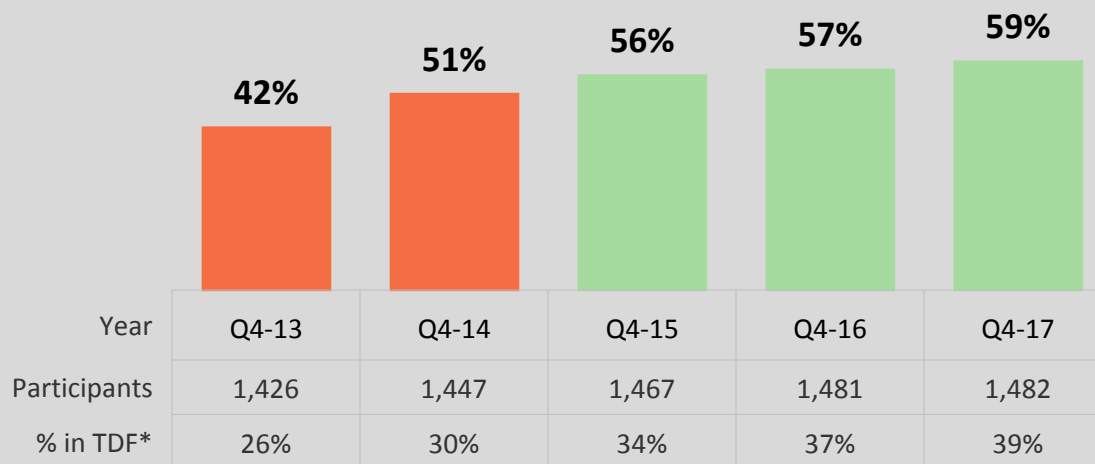
Self Directed Brokerage



49% OF PEERS HAVE A MANAGED ACCOUNT OPTION

Asset Allocation² Trend and Assessment³

Needs Attention (0-50%) Fair (51-60%) Good (61-65%) On Target (+66%)



66%
PEER AVERAGE

86%
TOP PERFORMERS

Fidelity record kept data as of 12/31/17. Public Sector Peer Group

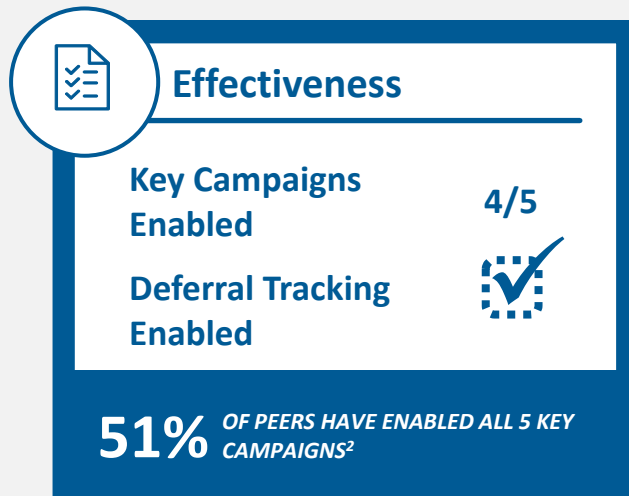
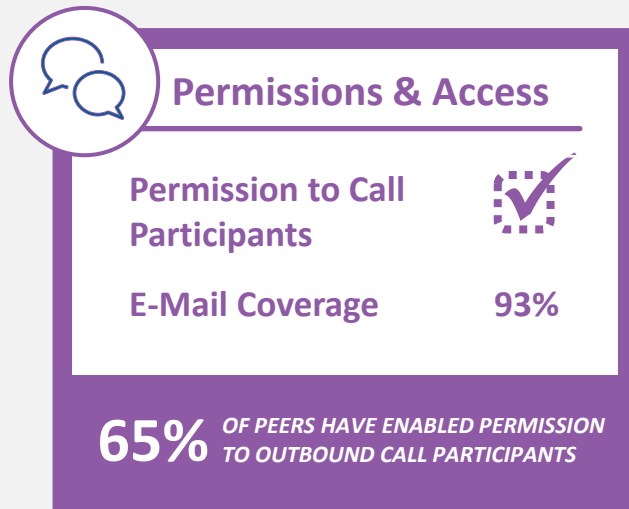
1. Fidelity record kept data as of 12/31/17 for active participants with a balance. Excludes terminated and zero balance participants.
2. For asset allocation purposes the participant's current age and equity holdings are compared to a table containing an age-based equity holding percentages based on the equity glide path. See appendix for more information
3. Assessment grades based on Fidelity Tax Exempt Market Benchmarking and the Fidelity Retirement Plan Health Score Methodology. Implementing a target date default fund and a managed account option are best practices toward improvements in age appropriate asset allocation.

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Employee Engagement

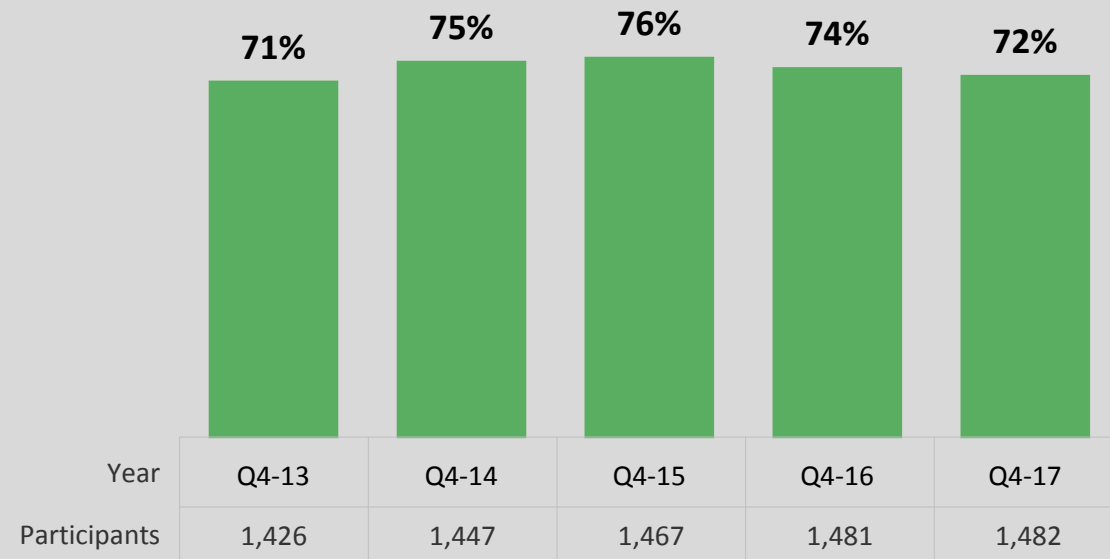
Achieve and maintain a high level of engagement in the retirement plan.



Engagement¹

Trend and Assessment²

Needs Attention (0-40%) Fair (41-54%) Good (55-76%) On Target (+77%)



65%

PEER AVERAGE

80%

TOP PERFORMERS

Fidelity record kept data as of 12/31/17. Public Sector Peer Group

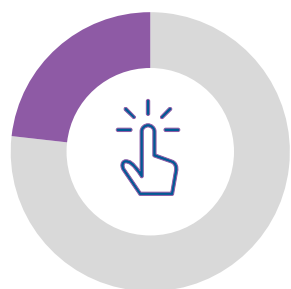
1. Fidelity record kept data as of 12/31/17 for active participants with a balance. Excludes terminated and zero balance participants.
2. Assessment grades based on Fidelity Tax Exempt Market Benchmarking and the Fidelity Retirement Plan Health Score Methodology. Implementing all 5 key campaigns (America Saves Week, Financial Wellness, Onboarding, Quarterly Check-In, Trigger Campaigns) and improving e-mail coverage rates are best practices to improving participant engagement.

706485.10.0.



Retirement Planning & Advice

Achieve and maintain a high level of engagement in the retirement plan.



Engaged in Help

23%

of unique participants have engaged in retirement planning or advice¹

18%

PEER AVERAGE

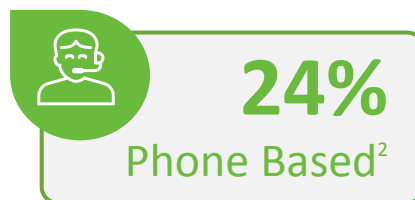
34%

TOP PERFORMERS

Engagement mix of use by channel (percent of total):



one on one engagers 77



phone engagers 102



online tool engagers 211



workshop engagers 27

Fidelity record kept data as of 12/31/17

1. Onsite days and appointments from 1/17 to 12/17 for all participants.
2. Phone and online guidance interactions from 1/17 to 12/17 for active participants as of 12/31/17. Excludes terminated and zero balance participants.
3. Workshop interactions from 1/17 to 12/17 for active participants as of 12/31/17. Excludes terminated and zero balance participants.

706485.10.0.

Retirement Plan Assessment

Suggestions to Improve Plan



Participation

Consider implementing Auto-Enrollment (AE) for all eligible employees, with a default deferral rate of 6%, as it is a best practice.



Total Savings Rates

Automatically enroll all participants in the Annual Increase Program, designed to increase 1% per year, with a cap at 10%, in order to improve employee Total Savings Rates.



Loan Activity

Consider reviewing loan policy to reduce the number of loans outstanding.



A more comprehensive assessment of the retirement plan can be provided through an Income Replacement Analysis

2018 Goals



Exciting new opportunities:

- 1 Goal – Increase Participation
- 2 Goal – Increasing Participant Engagement
- 3 Service Enhancement – Online Beneficiary Project
- 4 Plan Support – Plan Audit

Engagement through multiple channels



DIGITAL

Individual Learning

- NetBenefits learning tools
- Prelogin site
- Personalized NetBenefits engagers

Group Learning

- Live Web and On Demand Workshops
- Webcasts



IN PERSON

Individual Learning

- Personal consultations
- Fidelity Investor Center services

Group Learning

- Onsite workshops
- Department Meetings
- New hire orientation
- Special events
- Webcast viewing events
- Local investor center events



SPONSOR CHANNELS

Individual Learning

- Intranet postings
- HR emails
- Digital signage
- Newsletter

Group Learning

- Benefits Fair
- Wellness Fair/Events



FIDELITY "CUSTOM" COMMUNICATIONS

Individual Learning

- Targeted email communications
- Viewpoints
- Webcast invitations
- Targeted lifestage communications

Many ways to access education, serving different preferences



WEBCASTS

Broadcast & On-demand

- TV-style talk show
- Pre-retiree and lifestyle topics



WEBINARS

Live

- Interactive, with audio and slides



WEBINARS

On-demand

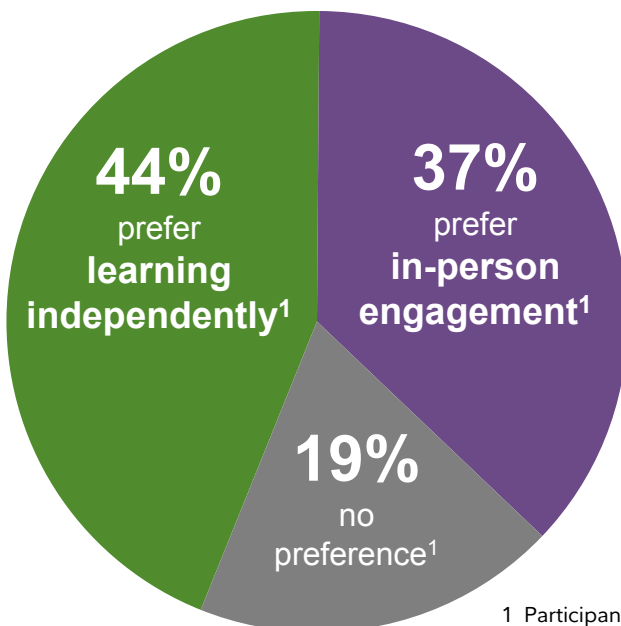
- Pre-recorded with audio and slides



WORKSHOPS

On-site

- Live, interactive sessions held at your locations



Workshop participants
4X
more likely
to take action
than non-attendees in their
workplace savings plan²

+70%
Virtual workshop
attendance
over the past 4 years³

¹ Participant Panel 9/2015

² Fidelity Customer Knowledge & Strategic Insights 3/17; on-demand and on-site workshop attendees

³ Tableau Workplace Education reporting, 2014-2016

Webcasts explore the financial and emotional sides of issues employees are facing every day

- **LIFE EVENT focus**, built around employees' questions
- **TALK-SHOW** format, featuring a range of speakers and specialists
- **CONVENIENT** to watch on-demand anywhere, anytime
- **MULTIPLE DATES & TIMES** offered for broadcast with register for replay only option
- **CLOSED CAPTION** for hearing impaired
- **1:1 HELP** call to action



[Play video](#)

Employees are responding to this format

100x

more viewers from 2014 to 2017 (200K)¹



97%

of attendees said they would take action²



up to **32%**

of attendees got planning help within 90 days³



¹ Intercall Webcast Report 2014-2017

² Intercall Webcast Survey 2016

³ Fidelity Customer Knowledge & Strategic Insights 2016

Expanding our reach with virtual learning

Virtual Events
Expand
Participant
Engagement
and
Increase
Learning and
Involvement



VIRTUAL EVENTS FOR YOUR PARTICIPANTS

Title	Channel	Timing
<u>Webinars</u>	Universal Web, Live, with recording playback	Scheduled several times
Create a Budget, Ditch Your Debt	Universal Web, Live, with recording playback	Day or night
Turn Your Savings Into Retirement Income	Universal Web, Live, with recording playback	Scheduled several times
Identify and Prioritize Your Savings Goals	Universal Web, Live, with recording playback	Day or night
<u>BRAINSHARKS</u> – On-Demand Learning	On demand Pre-login / NetBenefits	Anytime
Create a Budget, Ditch Your Debt, and Start Building for the Future	Pre-login / NetBenefits	Anytime
Get Started and Save for the Future You	Pre-login / NetBenefits	Anytime
Identify and Prioritize Your Savings Goals	Pre-login / NetBenefits	Anytime
Invest Confidently for Your Future	Pre-login / NetBenefits	Anytime
Make the Most of Your Retirement Savings	Pre-login / NetBenefits	Anytime
Take the First Step to Investing	Pre-login / NetBenefits	Anytime
THRIVE: Helping Women Make Financial Progress	Pre-login / NetBenefits	Anytime
Turn Your Savings Into Retirement Income	Pre-login / NetBenefits	Anytime





















49% of participants prefer online education¹

40% of on-demand workshop attendees call or use a planning tool post-event²

¹ Participant Panel 9-2015

² Fidelity Customer Knowledge & Strategic Insights 3-17

2018 Calendar

	January – March Q1	April – June Q2	July – September Q3	October – December Q4
Communications	<div> Financial Wellness (Jan)</div> <div> America Saves Week (Jan)</div> <div> Q1 Webcasts (Feb)</div> <div> Quarterly Check-in (Mar)</div>	<div> Q2 Webcasts (Apr)</div> <div> Quarterly Check-in (Jun)</div>	<div> Q3 Webcasts (Jul)</div> <div> Financial Wellness (Aug)</div> <div> Quarterly Check-in (Sep)</div>	<div> Q4 Webcasts (Oct)</div> <div> Financial Wellness (Oct)</div> <div> Quarterly Check-in (Dec)</div>
Select Audiences	<div> Separated Participant Distribution Options (Jan)</div> <div> Workplace Loans Program (Jan)</div>		<div> Separated Participant Retirement Income (Aug)</div>	<div> Separated Participant Annual Check-up (Oct)</div>
Events	<div> Engagement / Participation</div>	<div> Beneficiary Engagement/Update</div>	<div> Easy to Enroll</div>	<div> Webinars/Brainsharks</div>

Continuous **Triggered participant emails**. Packaged into a series of communications centered around moments that matter (Getting Ready to Retire series, formerly RTS; Millennial series; Investment series; Enrollment; Onboarding, etc.)
Also includes: **NetBenefits Homepage, Library and banners**; seasonal **social** content

Communication Type:



Next Steps

Follow up



Monthly EBMUD & Fidelity Service Team Meetings



Ongoing scheduling of onsite 1:1's and events



Quarterly Advisory Committee Meeting

Appendix



Peer Group Methodology

Peer Group	Description	# of Plans/ # of Participants
Public Sector	<ul style="list-style-type: none">• Dataset: Findings herein are derived primarily from data from Fidelity Investments' workplace investing and personal investing divisions.• Data gathered and analyzed include participant indicative data, contribution data, asset allocation data, loans and withdrawals data, participant retirement planning and advice data, and certain types of plan design data.• All plans in this dataset recordkept by Fidelity Investments as of 12/31/2017. Unless otherwise noted, findings and conclusions are based on data as of, or for the 12-month period ending, 12/31/2017.	66 Plans /64.0K Participants

Appendix: Benchmarking Definitions

Plan Participation Rates: The percentage of actively employed, point-in-time eligible employees who made employee pretax or post-tax contributions over the prior 12 months; This is based on NDT data and may be from previous plan year's non-discrimination test.

Voluntary Plan Contribution Rates: The percentage of active participants who made employee pretax or post-tax contributions over the prior 12 months in the voluntary plans.

Total Average Savings Rate (EE + ER): The overall average savings rate (Employee deferral % + Employer contribution %) for all active participants. All Active participants have been considered for the calculation of Total Average savings rate, including participants with a 0% employee deferral rate. Employer contribution % is calculated based on Employer Contribution dollars over a rolling 12-month period; therefore there might be differences from Employer contribution in Plan Design.

Automated Plan Design—Automated Plan Design—AE Default Deferral Rate: The deferral (savings) rate that auto-enrolled participants begin saving at once enrolled in the retirement plan.

Automated Plan Design—AIP Utilization Rates: The percentage of active participants who are enrolled in the Annual Increase Program (AIP) in plans that offer AIP.

Participant Asset Allocation: The percentage of participants whose DC plan assets are allocated within +/- 10% percentage points of the Fidelity Equity Glide Path, with a maximum of 95% equity exposure.

Participant Interactions: The percentage of participants contacting a Fidelity phone representative or Fidelity NetBenefits® over the last 12 months.

Retirement Planning & Advice Utilization: The percentage of Participants who used planning or advice tools during the 12 months ending 12/31/2017. Retirement planning & advice utilization includes both representative-led and self-directed interactions and is based on participants who reached the analysis or complete phase.

Investment Advise Tool Interaction: Participants who completed a representative-led Investment Advise Tool interaction in the prior 12 months ending 12/31/2017.

Distribution Advise Tool Interaction: Participants who completed a representative-led Distribution Advise Tool interaction in the prior 12 months ending 12/31/2017.

Action Taken: Participants who engaged during the 12 months ending 9/30/2017 and took action within 90 days. The dates for Retirement Planning & Advice Utilization and Action Rates are 90 days apart to account for the 90-day measurement period following an interaction.

Loans & Withdrawals: The percentage of participants who took a loan or withdrawal during the 12 months ending 12/31/2017.

For "Asset Allocation" purposes, age appropriate equity allocation is defined as the participant's current age and equity holdings in a retirement portfolio compared with an example table containing age-based equity holding percentages based on an equity glide path. The Fidelity Equity Glide Path is an example we use for this measure and is a range of equity allocations that may be generally appropriate for many investors saving for retirement and planning to retire around ages 65 to 67. It is designed to become more conservative as participants approach retirement and beyond. The glide path begins with 90% equity holdings within a retirement portfolio at age 25 continuing down to 24% equity holdings at age 93. Equities are defined as domestic equity, international equity, company stock, and the equity portion of blended investment options. Investors should allocate assets based on individual risk tolerance, investment time horizon, and personal financial situation. A particular asset allocation may be achieved by using different accounts or by using the same one across multiple accounts.

Asset allocation does not ensure a profit or guarantee against loss.

Unless otherwise disclosed to you, any investment recommendation in this document is not meant to be impartial investment advice or advice in a fiduciary capacity. Fidelity and its representatives have a financial interest in any investment alternatives or transactions described in this document. Fidelity receives compensation from Fidelity funds and products, certain third-party funds and products, and certain investment services. Fidelity may also receive compensation for services that are necessary to effect or execute transactions with respect to investment alternatives (such as trading commissions). The compensation that is received, either directly or indirectly, by Fidelity may vary based on such funds, products and services, which can create a conflict of interest for Fidelity and its representatives.

835931.1.0

EAST BAY MUNICIPAL UTILITY DISTRICT

DATE: March 8, 2018

MEMO TO: 401(k)/457 and 401(a) Advisory Committees

FROM: Lisa Sorani, Manager of Employee Services

SUBJECT: Staff Report

PARTICIPANT ACCOUNTS (Credits/Fees) (10/1/17 – 12/31/17):

	<u>401(k) Plan</u>	<u>457 Plan</u>	<u>401(a) Plan</u>	<u>Totals</u>
Credits to Participant Accounts	38,297	12,344	6,159	56,800
Fees from Participant Accounts	(31,997.14)	(10,899)	(5,226)	(48,122)

* Credits to participant accounts are the revenue sharing credits paid to Fidelity then allocated to participants invested in revenue sharing accounts.

PLAN ADMINISTRATION ACCOUNT ACTIVITY – collections of participant account fees (10/1/17 – 12/31/17):

	<u>2017 District \$105,500 Account</u>	<u>Revenue Share Credit Account</u>	<u>Participant Fees Account</u>	<u>Total</u>
Beginning Balances (9/30/17)	-	324,041	134,558	458,599
Inflows (Participant Account Fees)	-	-	48,122	48,122
Outflows (Expense Payments)	-	(11,500)	-	(11,500)
Ending Balances (12/31/17)	-	312,541	182,680	495,221

* Expected Inflows are District 105,500 annual contribution, and Participant Account Fees. There will be no new inflows to the Revenue Share Credit Account because those funds are now directed to participant accounts.

**Expected Outflows are all Plan Administration expenses. See 2018 Expected Revenue and Expenses report for examples.

Staff Report
March 8, 2018

Revision of 401k and 401A Plan Documents, Move forward with Online Beneficiary Project:

In 2016, Fidelity was updating its online portal pertaining to beneficiary data and informed staff of an error in the Plan and the Plan operations. Specifically, Fidelity discovered that the Plan language in 401(k) and 401(a) had erroneously required that married Plan participants take a Qualified Joint Survivor Annuity as the mandatory form of distribution, rather than an optional form. Staff investigated the Plan history and discovered that while the Plan document language mandated this form of distribution, the Plan had never operated the requirement. Staff further discovered that the erroneous language was drafted into the Plans in year 2000 but there was never intent to apply it, nor was it ever applied.

To avoid any tax liability, staff, with the assistance of the Office of the General Counsel and tax counsel, submitted the issue to the Internal Revenue Service Voluntary Compliance Program. As a corrective measure, the District proposed to amend the Plans to conform the language of the plan with the operations, specifically, that the QJSA was an optional form of distribution rather than mandatory. On January 29, 2018, the IRS informed the District that it accepted the District's proposed amendment as a way to correct the discrepancy between the plan language and actual operation of the plan and to ensure that the District's 401k and 401a remained compliant with all applicable tax laws and regulations. The plan amendments are intended to accurately reflect the plan's operations.

As such, in accordance with the requirements in the plan, the amendments to the 401k and 401a will be brought to the Board for approval at the April 10, 2018 meeting of the Board of Directors.

Once the documents are updated, staff will work with Fidelity to restart the online beneficiary project.

LS/dd

Attachments: 4Q2017 Plan Administration Budget Cash Flow Sheets
Fund & Plan Changes – Committee decisions over past 12 months
Investment Options with Expense Ratio and Revenue Share
Plan & Investment Activity Reports including Loan and Hardship data

CASH FLOW \$105,500

EBMUD 401(k), 457, and 401(a) Deferred Compensation Plans

Year Begins: Jan-17

Accounting for District Annual \$105,500 toward Plan Administration Fees 12/30/17	Calendar Year Start	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Cash on Hand (beginning of month) \$105,500 annual	105,500	105,500	105,500	52,346	52,346	52,346	0	0	0	0	0	0	0

CASH RECEIPTS

(put any cash receipts on this line)													
TOTAL CASH RECEIPTS (none expected)	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Cash Available (before cash out)	105,500	105,500	105,500	52,346	52,346	52,346	0	0	0	0	0	0	0

CASH PAID OUT

Services_TPA - Fidelity Investments			41,654			40,846							
Services_ Investment Consultant - Hyas Group			11,500			11,500							
Services_ Fidelity Special Project - Fund Actions													
Services_ Fidelity Special Project - Communications													
Services_ Fidelity Special Project - Other Admin													
Training_conference or course fees													
Training_Travel													
RFP													
Legal Fees_Plan Document Legal Reviews													
Other expenses (specify)													
Other (specify)													
Other (specify)													
Miscellaneous													
TOTAL CASH PAID OUT	0	0	53,154	0	0	52,346	0	0	0	0	0	0	0
Cash Position (end of month)	105,500	105,500	52,346	52,346	52,346	0	0	0	0	0	0	0	0

EXPECETED / BUDGETED EXPENSES 2017[illegible]

CASH FLOW - Rev Share Credit

EBMUD 401(k), 457, and 401(a) Deferred Compensation Plans

Year Begins: Jan-17

Strawman Accounting of DC Plan Revenue Share Credit Account Cash Flow 12/30/17	Calendar Year Start	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Cash on Hand (beginning of month)	289,636	289,636	339,964	339,964	339,964	339,964	380,380	380,380	380,380	324,041	324,041	324,041	312,541

CASH RECEIPTS

(put any cash receipts on this line)		50,328				42,970							
TOTAL CASH RECEIPTS (adj quarterly)	0	50,328	0	0	0	42,970	0	0.00	0	0	0	0	0
Total Cash Available (before cash out)	289,636	339,964	339,964	339,964	339,964	382,934	380,380	380,380	380,380	324,041	324,041	324,041	312,541

CASH PAID OUT

Services_TPA - Fidelity Investments						2,554			44,839				
Services_ Investment Consultant - Hyas Group									11,500			11,500	
Services_ Fidelity Special Project - Fund Action													
Services_ Fidelity Special Project - Communications													
Services_ Fidelity Special Project - Other Admin													
Training_conference or course fees													
Training_Travel													
RFP													
Legal Fees _Plan Document Legal Reviews													
Other expenses (specify)													
Participant Revenue Credit Allocation													
Other (specify)													
Miscellaneous													
TOTAL CASH PAID OUT	0	0	0	0	0	2,554	0	0	56,339	0	0	11,500	0
Cash Position (end of month)	289,636	339,964	339,964	339,964	339,964	380,380	380,380	380,380	324,041	324,041	324,041	312,541	312,541

EXPECETED/ BUDGETED EXPENSES 2017[illegible]

CASH FLOW - Participant Fees

EBMUD 401(k), 457, and 401(a) Deferred Compensation Plans

Year Begins: Jan-17

Strawman Accounting of DC Plan Participant Fees Account Cash Flow as of 12/30/17	Calendar Year Start	Jan-17	Feb-17	Mar-17	Apr-17	May-17	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17
Cash on Hand (beginning of month)	0	0	0	0	43,599	43,599	43,599	88,438	88,438	88,438	134,558	134,558	134,558

CASH RECEIPTS

(put any cash receipts on this line)				43,599			44,839			46,120			48,122
TOTAL CASH RECEIPTS (adj quarterly)	0	0	0	43,599	0	0	44,839	0	0	46,120	0	0	48,122
Total Cash Available (before cash out)	0	0	0	43,599	43,599	43,599	88,438	88,438	88,438	134,558	134,558	134,558	182,680

CASH PAID OUT

Services_TPA - Fidelity Investments													
Services_ Investment Consultant - Hyas Group													
Services_ Fidelity Special Project - Fund Action													
Services_ Fidelity Special Project - Communications													
Services_ Fidelity Special Project - Other Admin													
Training_conference or course fees													
Training_Travel													
RFP													
Legal Fees _Plan Document Legal Reviews													
Other expenses (specify)													
Participant Revenue Credit Allocation													
Other (specify)													
Miscellaneous													
TOTAL CASH PAID OUT	0	0	0	0	0	0	0	0	0	0	0	0	0
Cash Position (end of month)	0	0	0	43,599	43,599	43,599	88,438	88,438	88,438	134,558	134,558	134,558	182,680

EXPECETED/ BUDGETED EXPENSES 2017[illegible]

FUND & PLAN CHANGES LOG

EBMUD 401(a), 401(k) and 457 Plans

Meeting Date	Effective Date	Fund Action	Fund Mapping	Other Significant Action
N/A	11/23/17			Scout Core Plus Bond changed to Carillon Reams Core Plus Bond Fund Class I
8/30/17	4Q2017			Allocate funds in the Settlement Account to participants on a pro rata basis.
5/31/17	9/25/17 9/22/17 9/25/17	CLOSE: Vanguard Target Retirement Fund Investor Class CLOSE: Vanguard Target Retirement 2010 Fund ADD: Vanguard Target Retirement 2065 Fund Institutional Class	MAP TO: Vanguard Target Retirement Fund Institutional Class MAP TO: Vanguard Target Retirement Income Fund	The fund share class change reduces the basis points from 15 to 10 or less and also results in the 2010 Fund being merged with the Retirement Income Fund.
12/7/16	5/4/17	ADD: DFA US Targeted Value Fund CLOSE: Huber Small Cap Value Fund	MAP TO: DFA US Targeted Value Fund	Extended Fidelity Recordkeeping Agreement by one year to December 31, 2018 and Staff to negotiate terms for current agreement. Adopted 2017 Plan Administration Budget.
8/30/16	8/30/16	WATCH: Huber Small Cap Value Fund		
5/18/16	1/1/2017			Adopted Hybrid Fee model to collect an equal percentage participant fee at 0.033% per year to be used toward Plan Administration costs (effective 1/1/2017).

EBMUD 401(k), 457, 401(a) PLANS	Expense Ratio	Revenue Share
American Funds EuroPacific Growth Fund Class R-6	0.50%	0.00%
Artisan Small Cap Institutional	1.01%	0.00%
Carillon Reams Core Plus Bond Class I	0.65%	0.10%
DFA US Targeted Value Portfolio Institutional Class	0.37%	0.00%
Dodge & Cox Stock Fund	0.52%	0.10%
Fidelity Balanced Fund - Class K	0.46%	0.20%
Fidelity Blue Chip Growth Fund - Class K	0.59%	0.20%
Fidelity Retirement Money Market	0.42%	0.20%
Hotchkis & Wiley Mid-Cap Value Fund Class I	1.03%	0.25%
MFS Mid Cap Growth - Class R4	0.99%	0.15%
T Rowe Price Stable Value Common Trust - Class A	0.30%	0.00%
Vanguard Target Retirement 2015	0.09%	0.00%
Vanguard Target Retirement 2020	0.09%	0.00%
Vanguard Target Retirement 2025	0.09%	0.00%
Vanguard Target Retirement 2030	0.09%	0.00%
Vanguard Target Retirement 2035	0.09%	0.00%
Vanguard Target Retirement 2040	0.09%	0.00%
Vanguard Target Retirement 2045	0.09%	0.00%
Vanguard Target Retirement 2050	0.09%	0.00%
Vanguard Target Retirement 2055	0.09%	0.00%
Vanguard Target Retirement 2060	0.09%	0.00%
Vanguard Target Retirement 2065	0.09%	0.00%
Vanguard Target Retirement Income	0.09%	0.00%
Vanguard Institutional Index I	0.04%	0.00%
Vanguard Total Bond Market Index Admiral	0.05%	0.00%
Vanguard Total International Stock Index Admiral	0.11%	0.00%
Vanguard Wellesley Income Fund Admiral	0.15%	0.00%
BrokerageLink® Accounts	various	N/A
Revenue Share Funds		

EBMUD Deferred Compensation Investment Options and Plan Activity - 4th Quarter of 2017

401(k) PLAN	Expense Ratio	Revenue Share	Number of Participants	9/30/2016	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017
American Funds EuroPacific Growth Fund Class R-6	0.50%	0.00%	398	9,930,415	9,430,216	10,014,403	10,917,008	11,115,715	11,810,729
Artisan Small Cap Institutional	1.01%	0.00%	215	2,133,305	2,193,702	2,337,532	2,622,516	2,765,170	3,060,312
Carillon Reams Core Plus Bond Fund Class I	0.65%	0.10%	287	13,061,197	12,005,867	11,884,660	11,983,722	11,688,384	11,411,225
DFA US Targeted Value Portfolio Institutional Class	0.37%	0.00%	294	-	-	-	6,826,869	6,936,940	7,299,280
Dodge & Cox Stock Fund	0.52%	0.10%	414	16,747,353	18,690,397	19,721,154	20,015,175	20,568,333	21,553,808
Fidelity Balanced Fund - Class K	0.46%	0.20%	282	11,572,303	11,278,498	11,696,550	12,166,362	12,470,497	13,491,318
Fidelity Blue Chip Growth Fund - Class K	0.59%	0.20%	574	24,677,181	23,285,643	26,024,429	27,862,873	30,100,200	31,209,168
Fidelity Retirement Money Market	0.42%	0.20%	206	2,032,359	2,798,634	3,153,057	2,684,872	4,195,375	4,613,902
Hotchkis & Wiley Mid-Cap Value Fund Class I	1.03%	0.25%	205	6,102,757	6,664,672	6,844,325	6,498,718	5,654,197	5,464,709
Huber Small Cap Value Institutional	N/A	N/A	0	7,109,048	7,146,147	6,874,107	-	-	-
MFS Mid Cap Growth - Class R4	0.99%	0.15%	194	4,637,437	4,467,085	4,594,949	4,969,155	5,348,362	5,547,671
T Rowe Price Stable Value Common Trust - Class A	0.30%	0.00%	356	19,146,583	20,454,282	20,063,566	19,576,827	19,473,519	19,432,480
Vanguard Target Retirement 2010	N/A	N/A	0	3,300,305	3,196,125	3,185,825	3,266,262	-	-
Vanguard Target Retirement 2015	0.09%	0.00%	84	8,203,285	7,995,367	8,244,794	7,759,046	7,973,211	8,796,496
Vanguard Target Retirement 2020	0.09%	0.00%	216	18,458,604	18,836,049	19,752,026	20,602,301	21,885,640	22,466,773
Vanguard Target Retirement 2025	0.09%	0.00%	144	7,696,501	8,469,570	8,994,095	10,133,889	11,147,492	11,427,994
Vanguard Target Retirement 2030	0.09%	0.00%	171	7,207,928	7,905,316	8,301,074	8,951,895	9,277,206	9,925,275
Vanguard Target Retirement 2035	0.09%	0.00%	115	2,942,905	3,014,026	3,520,998	3,783,670	3,877,620	4,324,028
Vanguard Target Retirement 2040	0.09%	0.00%	150	4,393,078	4,633,647	5,112,541	5,601,573	5,996,297	6,493,073
Vanguard Target Retirement 2045	0.09%	0.00%	88	1,567,275	1,619,793	2,005,493	2,153,578	2,324,458	2,540,323
Vanguard Target Retirement 2050	0.09%	0.00%	99	1,563,487	1,762,055	1,938,525	2,145,061	2,321,799	2,505,410
Vanguard Target Retirement 2055	0.09%	0.00%	46	273,039	306,930	365,810	470,588	533,721	626,863
Vanguard Target Retirement 2060	0.09%	0.00%	21	59,585	74,502	116,430	143,976	174,958	192,454
Vanguard Target Retirement 2065	0.09%	0.00%	0	-	-	-	-	-	-
Vanguard Target Retirement Income	0.09%	0.00%	85	1,218,435	1,048,081	1,035,246	1,060,152	4,430,567	4,444,756
ALL VANGUARD TARGET RET FUNDS *	N/A	N/A	1219	56,884,427	58,861,462	62,572,855	66,071,992	69,942,968	73,743,444
Vanguard Institutional Index I	0.04%	0.00%	603	36,187,260	37,252,211	39,634,971	40,479,971	41,195,873	43,390,649
Vanguard Total Bond Market Index Admiral	0.05%	0.00%	96	2,609,247	2,291,965	2,242,801	2,195,351	2,355,312	2,362,524
Vanguard Total International Stock Index Admiral	0.11%	0.00%	69	789,334	830,627	962,850	1,078,369	1,350,420	1,532,597
Vanguard Wellesley Income Fund Admiral	0.15%	0.00%	163	7,697,276	7,031,178	7,125,202	7,268,189	7,292,300	7,087,262
BrokerageLink® Accounts	various	N/A	194	23,247,505	24,332,835	24,932,307	24,755,232	25,364,959	26,646,905
Total			5769	244,564,988	249,015,421	260,679,719	267,973,200	277,818,523	289,657,981
Dollar Change				11,922,372	4,450,433	11,664,298	7,293,481	9,845,322	11,839,459
Percentage Change				5.12%	1.82%	4.68%	2.80%	3.67%	4.26%
Total Participants				1,768	1,794	1,801	1,817	1,821	1,841
Roth 401(k)			358	7,221,210	7,574,322	8,070,620	8,440,791	9,038,264	9,690,289
401(k) Loans			452	4,510,976	4,374,903	4,388,144	4,354,551	4,474,778	4,420,988
401(k) Hardship / Safe Harbor Withdrawals			5	1,900	28,500	7,898	104,796	68,422	120,630
Revenue Share Funds									

EBMUD Deferred Compensation Investment Options and Plan Activity - 4th Quarter of 2017

457 PLAN	Expense Ratio	Revenue Share	Number of Participants	9/30/2016	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017
American Funds EuroPacific Growth Fund Class R-6	0.50%	0.00%	161	2,961,514	2,832,028	3,057,422	3,258,069	3,548,713	3,785,406
Artisan Small Cap Institutional	1.01%	0.00%	104	828,170	897,140	974,573	1,055,035	1,114,236	1,195,720
Carillon Reams Core Plus BOND Fund Class I Core Plus BOND	0.65%	0.10%	132	4,383,366	4,270,194	3,988,646	3,938,454	3,836,973	3,820,784
DFA US Targeted Value Portfolio Institutional Class	0.37%	0.00%	113	-	-	-	2,098,049	2,062,607	2,136,057
Dodge & Cox Stock Fund	0.52%	0.10%	221	6,470,121	7,218,487	7,709,510	7,622,091	8,095,804	8,293,012
Fidelity Balanced Fund - Class K	0.46%	0.20%	134	4,078,837	3,945,196	4,183,735	4,374,749	4,646,843	5,354,311
Fidelity Blue Chip Growth Fund - Class K	0.59%	0.20%	243	5,057,149	4,816,059	5,539,003	5,985,046	6,757,485	7,310,036
Fidelity Retirement Money Market	0.42%	0.20%	61	1,202,635	1,759,956	1,911,454	1,733,860	2,175,696	2,388,805
Hotchkis & Wiley Mid-Cap Growth - Class I	1.03%	0.25%	79	1,946,433	2,253,446	2,281,622	1,944,453	1,722,840	1,652,100
Huber Small Cap Value Institutional	N/A	N/A	0	1,984,428	2,164,422	2,082,861	-	-	-
MFS Mid Cap Growth - Class R4	0.99%	0.15%	105	1,918,009	1,833,380	1,920,782	2,157,721	2,170,362	2,305,627
T Towe Price Stable Value Common Trust - Class A	0.30%	0.00%	211	8,995,289	9,099,138	9,235,955	9,266,766	8,977,529	9,259,809
Vanguard Target Retirement 2010	N/A	N/A	0	2,432,210	2,392,370	2,427,723	2,463,016	-	-
Vanguard Target Retirement 2015	0.09%	0.00%	37	3,137,113	3,014,941	3,142,237	3,255,427	3,339,008	3,382,480
Vanguard Target Retirement 2020	0.09%	0.00%	97	5,761,506	5,924,548	6,051,251	6,246,949	6,032,721	6,105,511
Vanguard Target Retirement 2025	0.09%	0.00%	70	2,850,753	2,923,867	2,978,436	3,295,055	3,511,322	3,712,295
Vanguard Target Retirement 2030	0.09%	0.00%	83	2,402,352	2,434,883	2,557,202	2,765,239	3,061,666	3,289,847
Vanguard Target Retirement 2035	0.09%	0.00%	73	791,796	812,210	944,452	1,029,936	1,126,422	1,209,884
Vanguard Target Retirement 2040	0.09%	0.00%	74	1,377,816	1,461,022	1,742,424	1,874,047	2,027,074	2,182,479
Vanguard Target Retirement 2045	0.09%	0.00%	51	698,942	741,852	894,073	978,868	1,060,850	1,161,636
Vanguard Target Retirement 2050	0.09%	0.00%	39	433,669	482,198	548,784	551,781	597,488	655,769
Vanguard Target Retirement 2055	0.09%	0.00%	20	102,692	118,510	139,930	205,054	236,780	275,138
Vanguard Target Retirement 2060	0.09%	0.00%	6	46,660	37,513	46,194	60,476	71,389	70,150
Vanguard Target Retirement 2065	0.09%	0.00%	0	-	-	-	-	-	-
Vanguard Target Retirement Income	0.09%	0.00%	65	535,539	525,094	514,414	526,629	3,189,780	3,240,900
ALL VANGUARD TARGET RET FUNDS *	N/A	N/A	615	20,571,046	20,869,008	21,987,123	23,252,475	24,254,500	25,286,089
Vanguard Institutional Index I	0.04%	0.00%	233	323,093	8,813,052	9,333,639	9,545,110	9,871,215	10,381,703
Vanguard Total Bond Market Index Admiral	0.05%	0.00%	64	8,994,845	845,461	910,310	933,644	1,038,040	1,031,915
Vanguard Total International Stock Index Admiral	0.11%	0.00%	44	819,226	392,298	425,859	488,075	525,824	588,256
Vanguard Wellesley Income Fund Admiral	0.15%	0.00%	84	4,565,239	4,141,627	3,991,495	4,214,525	3,921,673	3,590,961
BrokerageLink® Accounts	various	N/A	97	9,196,876	9,403,380	9,607,068	9,172,151	9,783,321	10,454,616
Total			2701	84,296,274	85,554,274	89,141,056	91,040,273	94,503,662	98,835,211
Dollar Change				3,936,735	1,258,000	3,586,782	1,899,217	3,463,390	4,33

EBMUD Deferred Compensation Investment Options and Plan Activity - 4th Quarter of 2017

401(a) PLAN	Expense Ratio	Revenue Share	Number of Participants	9/30/2016	12/31/2016	3/31/2017	6/30/2017	9/30/2017	12/31/2017
American Funds EuroPacific Growth Fund Class R-6	0.50%	0.00%	106	2,110,331	1,871,688	2,086,663	2,247,341	2,386,300	2,501,762
Artisan Small Cap Institutional	1.01%	0.00%	55	438,494	428,139	510,956	556,174	549,247	586,134
Carillon Reams Core Plus BOnd Fund Class I Core Plus Bd	0.65%	0.10%	93	2,666,105	2,260,137	2,237,136	2,330,829	2,275,042	2,265,204
DFA US Targeted Value Portfolio Institutional Class	0.37%	0.00%	63	-	-	-	1,270,462	1,281,076	1,254,319
Dodge & Cox Stock Fund	0.52%	0.10%	122	2,691,574	2,988,704	3,133,178	3,243,416	3,276,516	3,542,936
Fidelity Balanced Fund - Class K	0.46%	0.20%	76	1,445,069	1,541,131	1,657,286	1,707,236	1,667,708	1,741,123
Fidelity Blue Chip Growth Fund - Class K	59.00%	0.20%	158	3,815,039	3,562,868	3,952,750	4,235,079	4,737,524	4,835,723
Fidelity Retirement Money Market	0.42%	0.20%	31	367,491	712,182	829,057	626,746	852,442	889,694
Hotchkis & Wiley Mid-Cap Value Fund Class I	1.03%	0.25%	49	910,555	993,029	1,008,461	973,565	839,225	889,616
Huber Small Cap Value Institutional	N/A	N/A	0	1,057,310	1,293,794	1,282,831	-	-	-
MFS Mid Cap Growth - Class R4	0.99%	0.15%	60	1,081,814	863,053	934,944	1,013,478	1,052,965	1,198,137
T Rowe Price Stable Value Common Trust - Class A	0.30%	0.00%	78	2,143,932	2,351,385	2,365,094	2,546,696	2,305,557	2,372,826
Vanguard Target Retirement 2010	N/A	N/A	0	577,650	542,060	556,820	567,456	-	-
Vanguard Target Retirement 2015	0.09%	0.00%	16	780,472	735,842	764,784	787,974	812,878	1,220,141
Vanguard Target Retirement 2020	0.09%	0.00%	31	1,646,398	1,667,003	1,736,634	1,814,876	1,691,370	1,658,329
Vanguard Target Retirement 2025	0.09%	0.00%	32	1,729,824	1,831,785	1,751,764	1,857,714	2,200,283	2,334,248
Vanguard Target Retirement 2030	0.09%	0.00%	45	892,477	1,021,029	892,747	956,245	1,019,674	1,081,377
Vanguard Target Retirement 2035	0.09%	0.00%	41	1,121,983	1,164,166	1,264,137	1,349,734	1,439,885	1,553,014
Vanguard Target Retirement 2040	0.09%	0.00%	51	983,712	1,036,355	1,135,780	1,218,477	1,257,466	1,365,939
Vanguard Target Retirement 2045	0.09%	0.00%	36	318,025	345,987	389,683	413,065	435,363	490,737
Vanguard Target Retirement 2050	0.09%	0.00%	15	120,558	137,750	159,927	181,899	203,649	229,491
Vanguard Target Retirement 2055	0.09%	0.00%	11	22,360	27,818	33,456	39,285	84,146	95,296
Vanguard Target Retirement 2060	0.09%	0.00%	4	2,007	3,790	4,537	5,835	7,640	9,861
Vanguard Target Retirement 2065	0.09%	0.00%	0	-	-	-	-	-	-
Vanguard Target Retirement Income	0.09%	0.00%	29	335,016	310,718	312,330	323,003	913,508	927,217
ALL VANGUARD TARGET RET FUNDS *	N/A	N/A	311	8,530,483	8,824,303	9,002,599	9,515,563	10,065,863	10,965,650
Vanguard Institutional Index I	0.04%	0.00%	160	6,652,626	7,003,022	7,089,470	7,230,406	7,302,409	7,475,659
Vanguard Total Bond Market Index Admiral	0.05%	0.00%	37	801,737	576,059	635,987	626,995	637,072	604,478
Vanguard Total International Stock Index Admiral	0.11%	0.00%	27	96,449	132,227	180,035	239,468	298,355	323,915
Vanguard Wellesley Income Fund Admiral	0.15%	0.00%	58	1,081,840	942,986	995,560	1,111,001	1,124,037	1,144,129
BrokerageLink® Accounts	various	N/A	42	4,522,376	4,648,065	4,938,038	4,539,083	4,548,422	4,965,579
Total			1,526	40,413,224	40,992,773	42,840,042	44,013,537	45,199,759	47,556,884
Dollar Change				2,201,499	579,548	1,847,270	1,173,495	1,186,223	2,357,125
Percentage Change				5.76%	1.43%	4.51%	2.74%	2.70%	5.21%
Total Participants				475	476	474	479	478	483
401(a) Loans			65	626,189	682,373	722,914	739,337	747,321	727,114
Revenue Share Funds									



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4Q|2017: THE 457 PLAN FIDUCIARY ADVISOR

TAX REFORM ENACTED WITH NO DIRECT NEGATIVE IMPACTS TO DC PLANS - 401(k), 457(b) and other forms of defined contribution retirement plans will not suffer from new limitations on contributions or other changes under the tax reforms signed into law in late December. Indirectly, the new lower tax rates and higher standard deduction amount may make post-tax "Roth" contributions more attractive for many Plan participants. Plan sponsors may wish to evaluate this aspect and communicate to participants about selecting the contribution type that will most benefit them.

CONGRESS CONSIDERS NEW BILL ADDRESSING DC PLAN ISSUES

Retirement Plan issues remain a focus of Congress, as the newly proposed "Retirement Plan Simplification and Enhancement Act" tackles a list of DC plan issues, including loosening auto-increase rules, relaxing Required Minimum Distribution Requirements, and allowing more beneficiary roll-overs. Read about the proposed bill in this piece from *Plan Advisor* here: [Details of the 'Retirement Plan Simplification and Enhancement Act'](#)

THE FINANCIAL SERVICES INDUSTRY IS QUIETLY PREPARING A DEFENSE AGAINST CYBER ATTACKS ON RETIREMENT PLANS

- Some positive news on the cyber security front appeared recently, as documented in this report from *Bloomberg*: "U.S. financial firms plan to expand a secretive project protecting bank accounts against crippling cyber attacks ... The industry-led project, called Sheltered Harbor, already is known to back up data for savings and checking accounts. But quietly, it's wrapping in data on retail brokerage accounts at some of the nation's largest firms ... And ultimately, the goal is to expand it to an even heftier pool of 401(k) accounts and pension funds, whose breach could upend global markets." Read more here: [Wall Street Aims to Thwart a Hacking Nightmare for Your 401\(k\)](#)

TAKING A LONG, HARD LOOK AT DC RETIREMENT PLAN INCOME SOLUTIONS TODAY

- New "guaranteed income" solutions have appeared in the past few years, but none have gained much traction in the market place. This in-depth article from *Defined Contribution Insights* looks at the need, the recently introduced product types, and what has been happening - and not happening - in the industry: "When plan sponsors were asked to identify the top nine concerns about adding a retirement income guarantee product to the plan, they expressed fiduciary exposure the highest at (38.3% for all plans, however that number jumps to 56.9% for plans with more than 5,000 participants. Other concerns were high costs (33.3%), operational hurdles such as recordkeeping issues (32.9%), non-portability (28.9%) ..." Read the full article here: [DC In-Plan Retirement Income Solutions: Are We There Yet? \(PDF\)](#)

SOCIAL SECURITY ADMINISTRATION DECREASES THE MAXIMUM AMOUNT OF WAGES SUBJECT TO SOCIAL SECURITY PAYROLL TAX IN 2018 FROM FIRST PUBLISHED AMOUNT:

This change will likely impact some DC plans and payroll taxes for some individuals, as explained in this piece from *Plan Advisor*. “The Internal Revenue Service uses the Social Security Administration’s taxable maximum to determine the taxable wage base for permitted disparity in defined contribution plan contributions. Permitted disparity allows for larger contributions or benefits with respect to compensation in excess of the Social Security wage base”. [Read more >](#)

CONFUSION AND DENIAL REMAIN IN THE FIDUCIARY WORLD- “49% of plan sponsors surveyed, 39% of investment committee members and 22% of administrative committee members didn't understand that they are fiduciaries.... A clueless fiduciary may be: [1] Failing to monitor high plan fees ... [2] Putting plan investments in a 'set it and forget it' category ... [3] Not checking what the vendors are doing ... [4] Not picking the best outside advisers ... [5] Missing reporting deadlines or unaware that forms must be filed. [6] Engaging in prohibited transactions.” Read the report from the law firm **Cohen and Buckmann** here: [Ostrich Fiduciaries: Can We Get Their Heads Out of the Sand?](#)

THE CHANGING DEMOGRAPHIC OF STABLE VALUE INVESTORS AND WHY IT MATTERS- This White Paper from the Hyas Group looks at the proportion of stable value fund participants that are moving into retirement, and how their newfound freedom to rapidly transfer assets out of these important defined contribution plan investment vehicles may impact stable value funds in the future. Read the full paper here: [Stable Value Liquidity in a Changing DC Environment.](#)

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EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

December 31, 2017 Performance Report

TABLE OF CONTENTS

Section 1	Market Overview
Section 2	Account Review - 457
Section 3	Account Review – 401(a)
Section 4	Account Review – 401(k)
Section 5	Investment Performance Review
Section 6	Plan Fee/Revenue Review - 457
Section 7	Plan Fee/Revenue Review – 401(a)
Section 8	Plan Fee/Revenue Review – 401(k)
Section 9	Fund Attribution

Section 1



CRYPTOCURRENCIES

Monero, Ether, Ripple... and of course Bitcoin are gaining household recognition and prompting many to consider investing in cryptocurrencies. Bitcoin, in particular, has emerged as a leader in the controversial cryptocurrency market. Proponents of cryptocurrency cite this emergence as the natural evolution of currency in a global consumer market dominated by e-commerce. Critics will cite the trend as little more than the next speculative bubble, a slightly more creative high-tech Ponzi scheme. While we will not attempt to divine the crypto future in this commentary, we will seek to educate investors on the risks and attributes of these unique assets.

Contrary to popular opinion, cryptocurrencies are not new. Cryptocurrencies and the blockchain technology behind them have been around for nearly a decade. However, they remained largely in the realm of digital enthusiasts and darknet markets looking for alternative solutions to today's fiat (government sponsored) currencies. Unlike traditional money, no physical notes or coins are circulated and the money exists exclusively in the form of unique code made and stored digitally. It is also important to note that no central bank, regulator or nation stands behind the currency.

New currencies are brought to market in initial coin offerings (ICOs). ICOs are largely unregulated and bypass traditional listing and capital-raising processes faced by newly issued public companies. Herein lies one of the primary challenges to maintaining value in cryptocurrencies- new issues are largely uncontrolled. One of the key qualities of value for any asset and/or currency is scarcity of supply. While each cryptocurrency may limit its own issuance and thereby control supply, there are few restrictions on the issuance of new ICOs. The first ICO was held in 2013 with limited additional fundraising occurring in 2014. However, as these new currencies became embraced by the broader public, values and new issuance skyrocketed. By the end of 2017, issuance was averaging around 50 new ICOs per month.

The aggregate cryptocurrency market capitalization increased by a stunning 3,300% in 2017. Growth of this nature garners a lot of attention, not only from speculators, but from global governmental regulators as well. At present, around a half-dozen countries have fully banned cryptocurrencies. Many others are scrambling to regulate and/or restrict markets. The impact of future regulation provides for extreme uncertainty in the marketplace. This uncertainty and the subsequent price volatility is a major obstacle to mainstream adoption as a valid currency. At present, cryptocurrencies should be considered speculative assets, not currencies.

So how do we value these non-traditional assets? What makes traditional asset classes valuable is their claim on future income produced by the assets themselves. Unlike traditional investments in stocks, bonds or real estate, cryptocurrencies or fiat currencies for that matter, do not represent claims on specific future income streams. One could argue that fiat currencies are indirectly supported by future income streams from the sponsor's ability to tax citizens and

industry. This is not the case for today's cryptocurrencies. Hence, in the current form, cryptocurrencies derive their value purely from speculative demand. Beyond this early speculative stage, investors should ask themselves what would drive long-term appreciation if a cryptocurrency were able to make the transition to a universally accepted form of currency. Currencies have historically been designed to store and transfer wealth, not create it.

The ultimate question is what place, if any, should cryptocurrencies play in an investor's portfolio? The underlying blockchain and distributed ledger technology utilized to create and track cryptocurrencies has potentially significant implications for the future of banking and e-commerce. However, transitioning a new technology into a viable long-term investable asset is fraught with challenges. At the present time, cryptocurrencies neither meet the definition of a currency nor represent any claim to future streams of cashflow, the primary value proposition of traditional assets. They have no discernable fundamental value and are dependent on capital flows from new investors to drive any price appreciation. As with any speculative investment, risks and potential gains/losses are high. For those investors set on "not missing out" we have one very important caveat: invest only what you are prepared and can afford to lose should the investment not work out.

GLOBAL ECONOMIC LANDSCAPE

- Political concerns dominated global headlines of late. This included the US tax reform bill, Germany's efforts to form a coalition government and Saudi Arabia's crackdown on internal corruption.
- The US tax reform bill passed Congress in the late hours of 2017 and was signed into law.
- Current baseline expectations are for the US Federal Reserve to raise fed fund rates three times in 2018, placing rates in the 2%-2.25% range by the end of 2018.
- The European Central bank is widely expected to end bond purchases by the end of 2018 signaling a first rise in short-term rates in 2019.
- Shifts away from accommodative global central bank policies pose significant risks to markets and economies that have become accustomed to easy money policies.
- US fiscal expansion and increasingly synchronized global economic expansion would indicate rising risks of cyclical inflation.

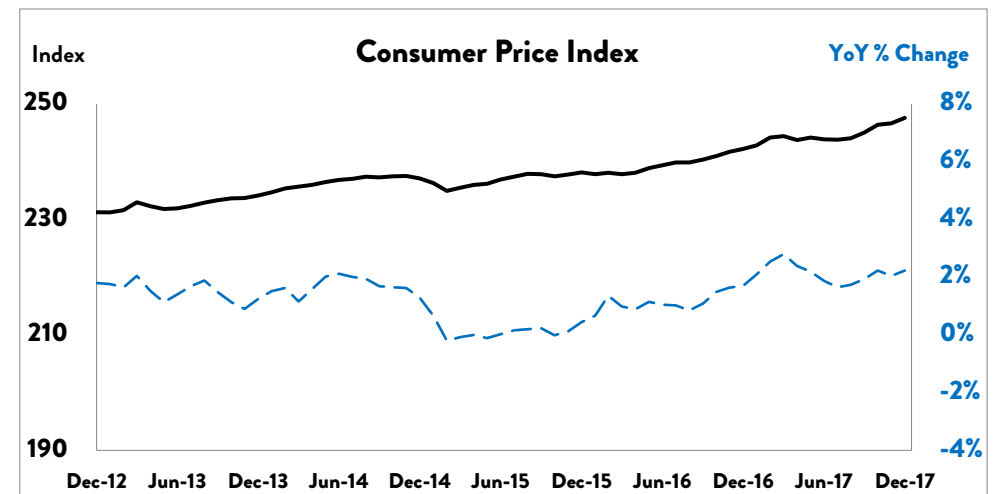
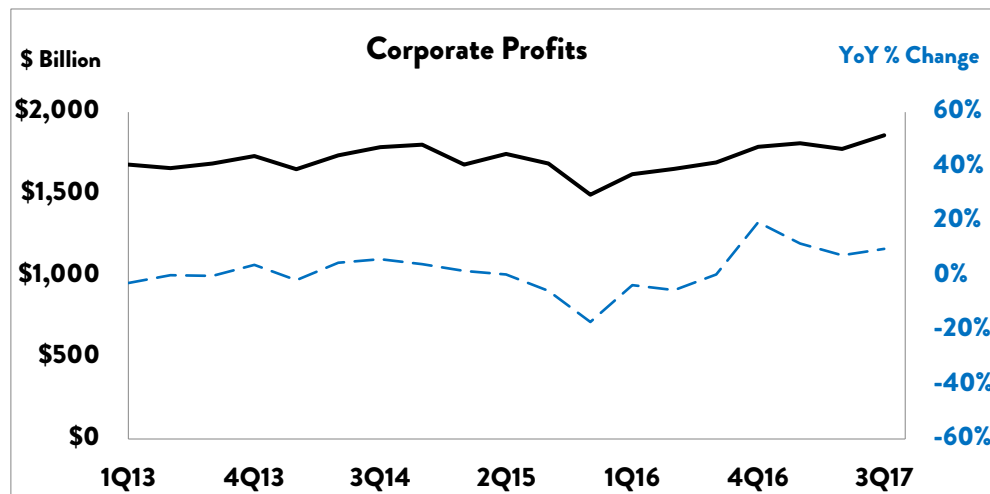
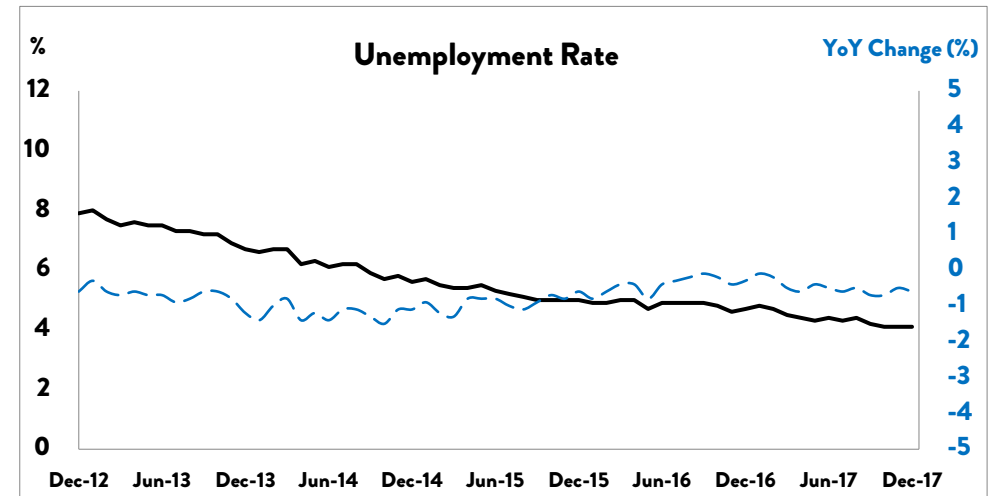
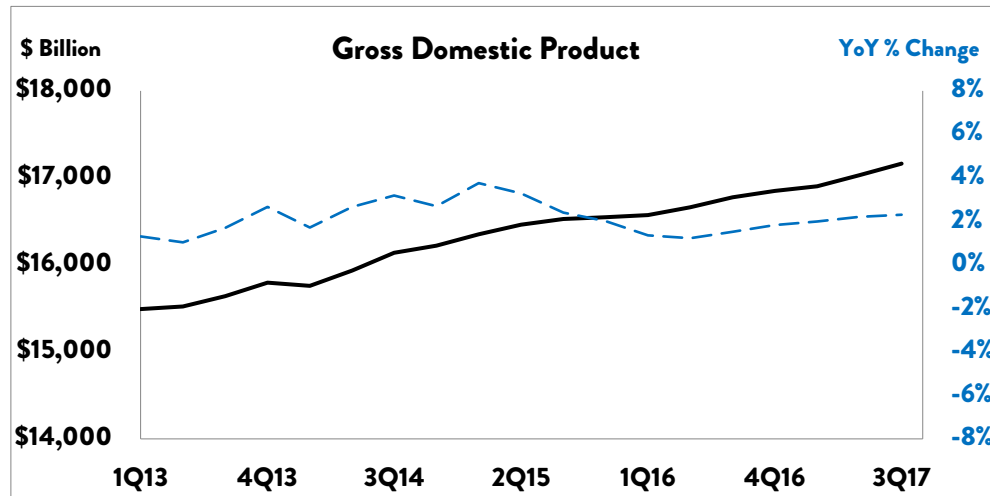
GLOBAL FINANCIAL MARKETS

- US equity market volatility reached all-time lows in 2017. The S&P 500 Index posted gains in each month of 2017, a first in the nearly 40-year history of the Index. In addition, the largest intra-year decline was a mere 3% versus a historical average of 14%.
- The US equity market became increasingly narrow in 2017. Large cap stocks dominated small cap stocks for the year, outperforming by over 7.0%. Even more striking was the narrow leadership by large cap technology stocks. Technology stocks within the S&P 500 Index rose nearly 40.0% for the year. Materials was the next best performing sector within the Index rising 23.8% while the broad Index returned 21.8%.
- Both emerging and developed market equities outside of the US outperformed the S&P 500 Index in dollar terms for the first time since 2012. This generally reflects investor expectations for improved economic growth prospects on a global basis.

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4Q2017 Economic Data



Labor Market Statistics (Monthly)					
Category	Recent	5-Yr High	5-Yr Low	5-Yr Avg.	Date
Jobs Added/Lost Monthly	148,000	344,000	38,000	205,133	Dec-17
Unemployment Rate	4.1%	8.0%	4.1%	5.6%	Dec-17
Median Unemployment Length (Weeks)	8.8	20.0	7.6	12.7	Dec-17
Average Hourly Earnings	\$26.63	\$26.63	\$23.76	\$25.09	Dec-17

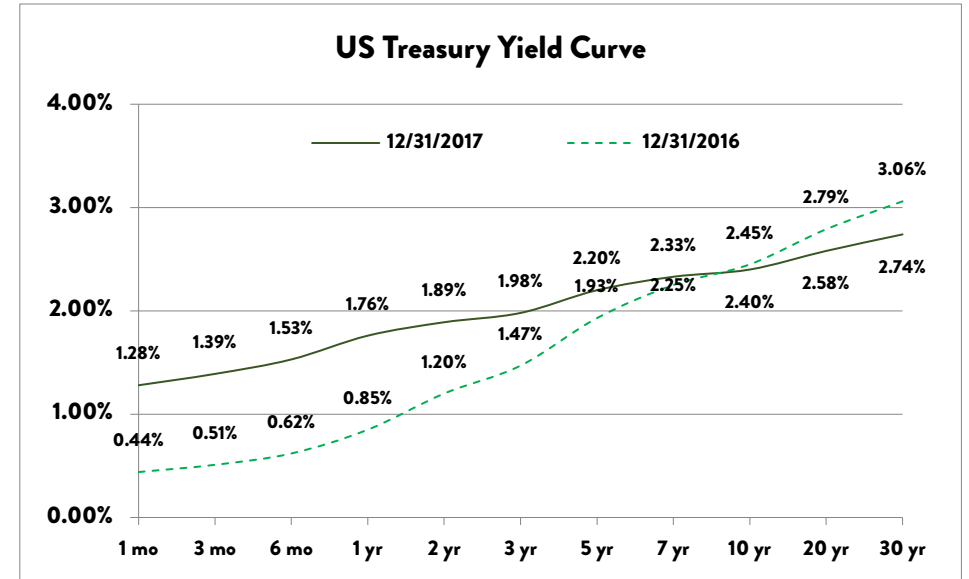
Source: Federal Reserve Bank of St. Louis and Bureau of Labor Statistics

Other Prices and Indexes (Monthly)					
Category	Recent	5-Yr High	5-Yr Low	% Off Peak	Date
Gas: Price per Gallon	\$2.51	\$3.71	\$1.79	-32.5%	Dec-17
Spot Oil	\$57.88	\$106.57	\$30.32	-45.7%	Dec-17
Case-Shiller Home Price Index	203.1	203.1	145.8	39.4%*	Oct-17
Medical Care CPI	479.7	479.7	421.1	13.9%*	Dec-17

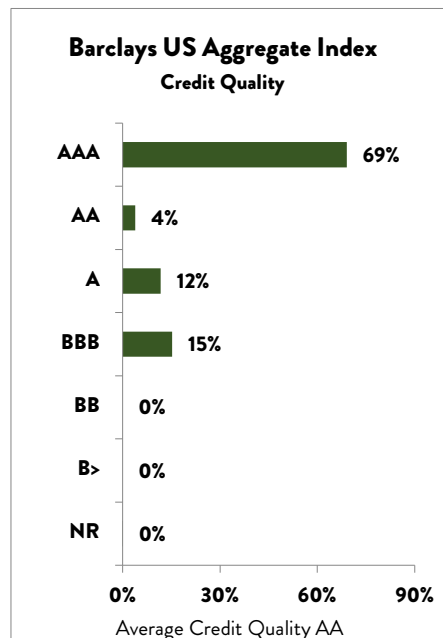
*% Off Low

4Q2017 Bond Market Data

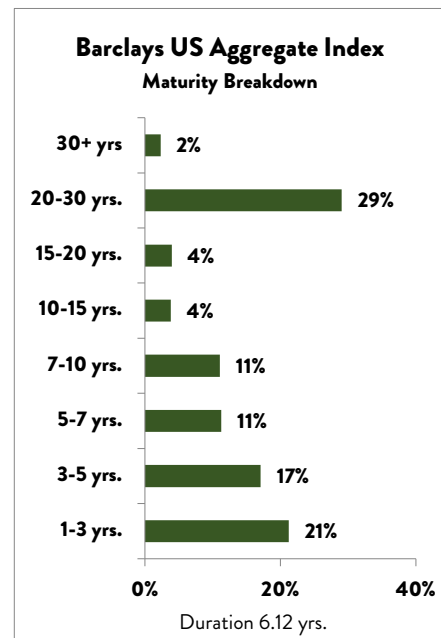
Index	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.
90-Day T-Bill	0.21%	0.71%	0.71%	0.33%	0.22%	0.38%
Barclays US Aggregate	0.39%	3.54%	3.54%	2.24%	2.10%	4.01%
Barclays Short US Treasury	0.23%	0.81%	0.81%	0.49%	0.34%	0.55%
Barclays Int. US Treasury	-0.41%	1.14%	1.14%	1.13%	0.91%	2.75%
Barclays Long US Treasury	2.37%	8.53%	8.53%	2.80%	3.48%	6.55%
Barclays US TIPS	1.26%	3.01%	3.01%	2.05%	0.13%	3.53%
Barclays US Credit	1.05%	6.18%	6.18%	3.63%	3.24%	5.42%
Barclays US Mortgage-Backed	0.15%	2.47%	2.47%	1.88%	2.04%	3.84%
Barclays US Asset-Backed	-0.01%	1.55%	1.55%	1.61%	1.28%	2.96%
Barclays US 20-Yr Municipal	1.78%	7.47%	7.47%	3.92%	3.93%	5.36%
Barclays US High Yield	0.47%	7.50%	7.50%	6.35%	5.78%	8.03%
Barclays Global	1.08%	7.39%	7.39%	2.02%	0.79%	3.09%
Barclays International	1.63%	10.51%	10.51%	1.77%	-0.20%	2.40%
Barclays Emerging Market	0.62%	8.17%	8.17%	6.38%	3.87%	7.01%



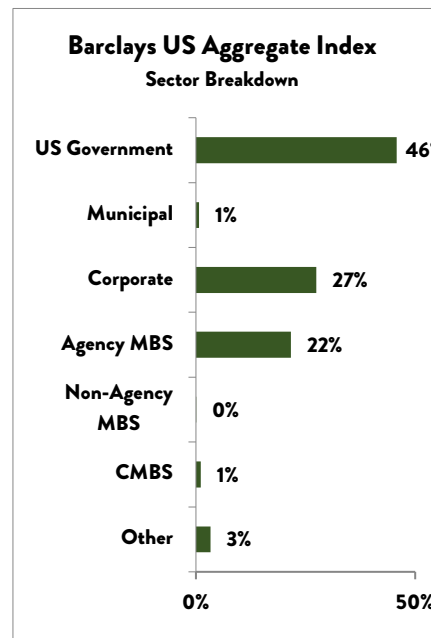
Source: Department of US Treasury



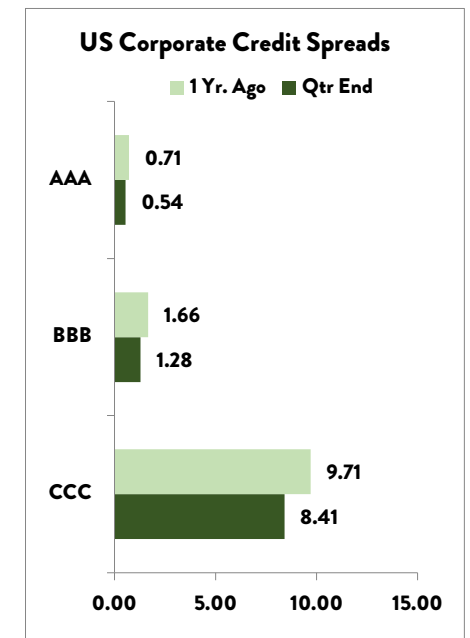
Source: Morningstar



Source: Morningstar



Source: Morningstar



Source: Federal Reserve / Bank of America

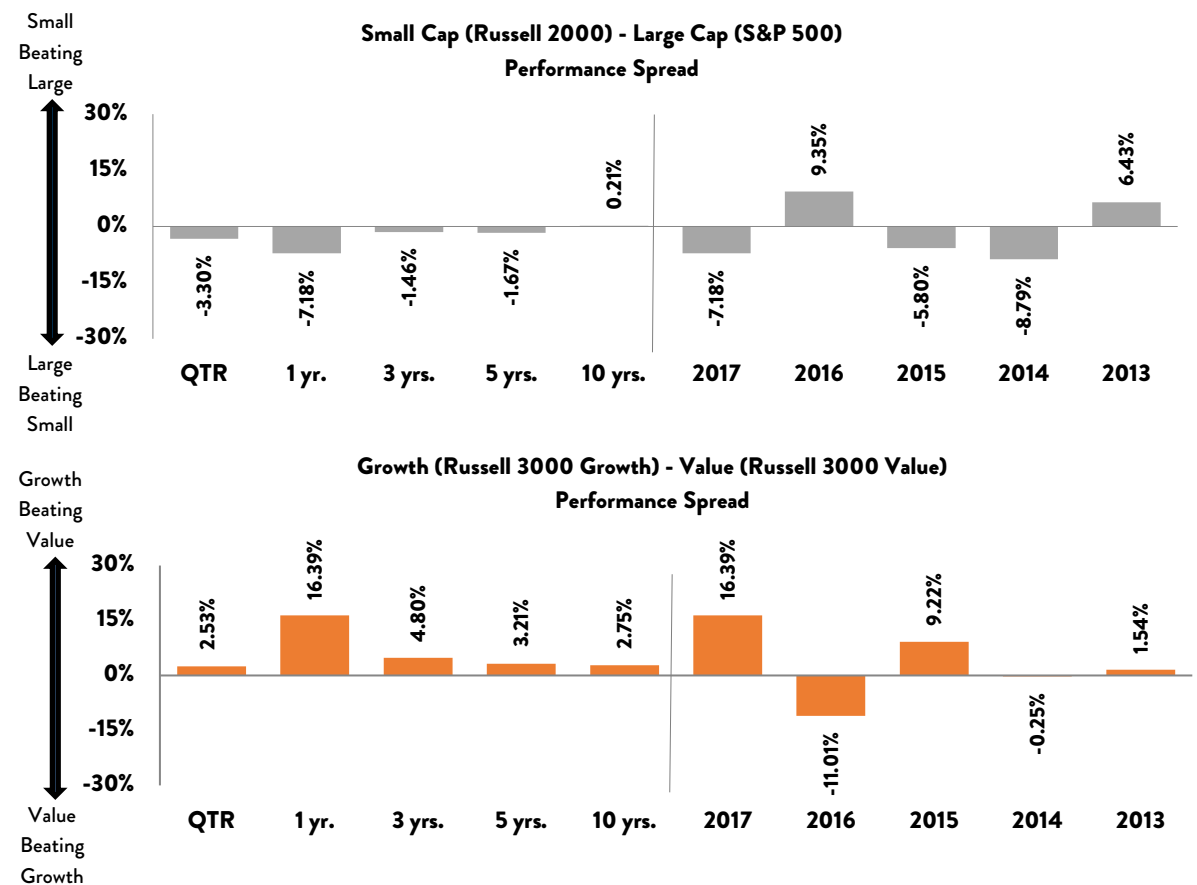
4Q2017 US Equity Market Data

Sectors Weights/Returns (ranked by quarter performance)

S&P 500 Index	Wgt.	Sector	QTR	YTD	1 Yr.
	12%	Consumer Discretionary	9.87%	22.98%	22.98%
	24%	Information Technology	9.01%	38.83%	38.83%
	15%	Financials	8.63%	22.18%	22.18%
	3%	Materials	6.93%	23.84%	23.84%
	8%	Consumer Staples	6.49%	13.49%	13.49%
	10%	Industrials	6.05%	21.03%	21.03%
	6%	Energy	6.02%	-1.01%	-1.01%
	2%	Telecom Services	3.61%	-1.25%	-1.25%
	3%	Real Estate	3.22%	10.85%	10.85%
	14%	Health Care	1.47%	22.08%	22.08%
	3%	Utilities	0.21%	12.11%	12.11%
S&P Midcap 400 Index	Wgt.	Sector	QTR	YTD	1 Yr.
	12%	Consumer Discretionary	10.00%	19.50%	19.50%
	4%	Energy	9.91%	-15.84%	-15.84%
	16%	Industrials	8.60%	23.54%	23.54%
	17%	Information Technology	6.50%	25.08%	25.08%
	17%	Financials	6.26%	13.96%	13.96%
	7%	Materials	6.12%	21.55%	21.55%
	4%	Consumer Staples	5.34%	3.28%	3.28%
	5%	Utilities	2.55%	11.09%	11.09%
	9%	Real Estate	2.30%	3.81%	3.81%
	8%	Health Care	1.95%	22.71%	22.71%
	0%	Telecom Services	-5.72%	-41.17%	-41.17%
S&P Smallcap 600 Index	Wgt.	Sector	QTR	YTD	1 Yr.
	16%	Consumer Discretionary	8.13%	17.13%	17.13%
	13%	Health Care	6.17%	34.71%	34.71%
	19%	Industrials	6.08%	17.21%	17.21%
	5%	Materials	5.21%	9.92%	9.92%
	3%	Consumer Staples	4.77%	9.30%	9.30%
	3%	Energy	4.31%	-26.42%	-26.42%
	17%	Financials	3.94%	6.74%	6.74%
	3%	Utilities	1.24%	19.04%	19.04%
	6%	Real Estate	-0.25%	6.08%	6.08%
	1%	Telecom Services	-1.12%	0.79%	0.79%
	14%	Information Technology	-2.91%	10.28%	10.28%

Index Performance Data

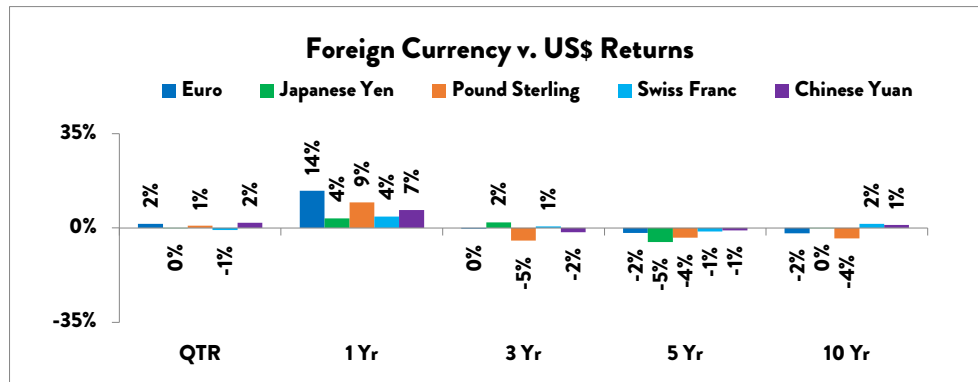
Index	QTR	YTD	1 yr.	Annualized		
				3 yrs.	5 yrs.	10 yrs.
S&P 500	6.64%	21.83%	21.83%	11.41%	15.79%	8.50%
Russell 1000 Value	5.33%	13.66%	13.66%	8.65%	14.04%	7.10%
Russell 1000 Growth	7.86%	30.21%	30.21%	13.79%	17.33%	10.00%
Russell Mid Cap	6.07%	18.52%	18.52%	9.58%	14.96%	9.11%
Russell Mid Cap Value	5.50%	13.34%	13.34%	9.00%	14.68%	9.10%
Russell Mid Cap Growth	6.81%	25.27%	25.27%	10.30%	15.30%	9.10%
Russell 2000	3.34%	14.65%	14.65%	9.96%	14.12%	8.71%
Russell 2000 Value	2.05%	7.84%	7.84%	9.55%	13.01%	8.17%
Russell 2000 Growth	4.59%	22.17%	22.17%	10.28%	15.21%	9.19%
Russell 3000	6.34%	21.13%	21.13%	11.12%	15.58%	8.60%
DJ US Select REIT	1.98%	3.76%	3.76%	4.97%	9.09%	7.07%



4Q2017 International Market Data

Index Performance Data (net)

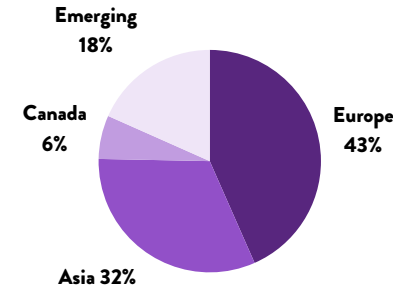
Index (US\$)	QTR	YTD	1 yr.	3 yrs.	5 yrs.	10 yrs.
MSCI ACWI ex-US	5.00%	27.19%	27.19%	7.83%	6.80%	1.84%
MSCI EAFE	4.23%	25.03%	25.03%	7.80%	7.90%	1.94%
Europe	2.21%	25.51%	25.51%	6.69%	7.37%	1.34%
United Kingdom	5.72%	22.30%	22.30%	4.14%	5.21%	1.55%
Germany	2.78%	27.70%	27.70%	8.78%	8.68%	1.79%
France	1.50%	28.75%	28.75%	10.49%	8.95%	1.05%
Pacific	7.99%	24.64%	24.64%	10.16%	9.00%	3.35%
Japan	8.49%	23.99%	23.99%	11.62%	11.16%	3.17%
Hong Kong	6.58%	36.17%	36.17%	11.47%	10.08%	5.31%
Australia	6.79%	19.93%	19.93%	6.37%	3.90%	2.75%
Canada	4.26%	16.07%	16.07%	3.12%	3.29%	1.39%
MSCI EM	7.44%	37.28%	37.28%	9.10%	4.35%	1.68%
MSCI EM Latin America	-2.34%	23.74%	23.74%	3.80%	-3.20%	-1.67%
MSCI EM Asia	8.36%	42.83%	42.83%	11.00%	7.91%	3.56%
MSCI EM Eur/Mid East	4.26%	15.86%	15.86%	6.31%	-3.96%	-5.02%
MSCI ACWI Value ex-US	4.23%	22.66%	22.66%	6.31%	5.58%	1.23%
MSCI ACWI Growth ex-US	5.77%	32.01%	32.01%	9.29%	7.97%	2.40%
MSCI ACWI Sm Cap ex-US	6.56%	31.65%	31.65%	11.96%	10.03%	4.69%



Exchange Rates	4Q17	3Q17	2Q17	1Q17	4Q16	3Q16
Japanese Yen	112.69	112.64	112.40	111.41	116.80	101.21
Euro	0.83	0.85	0.88	0.93	0.95	0.89
British Pound	0.74	0.75	0.77	0.80	0.81	0.77
Swiss Franc	0.97	0.97	0.96	1.00	1.02	0.97
Chinese Yuan	6.51	6.65	6.78	6.88	6.94	6.67

Regional Exposure

MSCI ACWI ex-USA

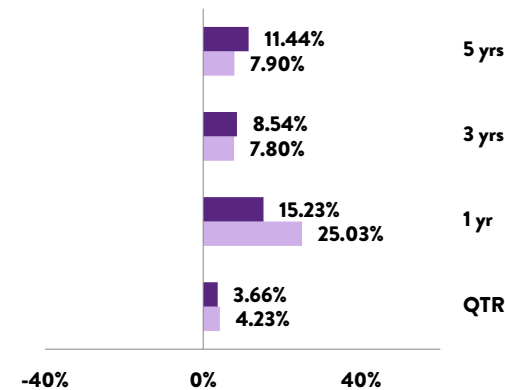


Top 10 Countries (MSCI AC World ex-USA)

Japan	17%
UK	11%
China	8%
France	7%
Canada	7%
Germany	7%
Switzerland	6%
Australia	5%
South Korea	4%
Hong Kong	3%

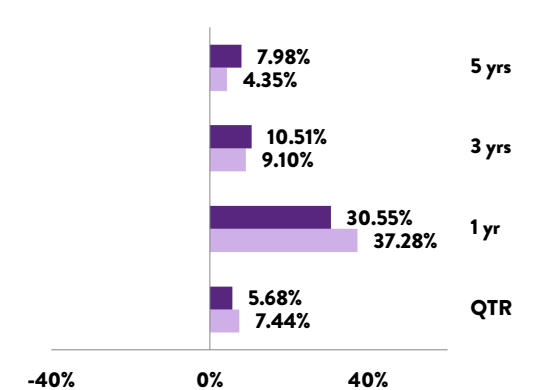
MSCI EAFE Index Return

Local US\$



MSCI Emerging Index Return

Local US\$



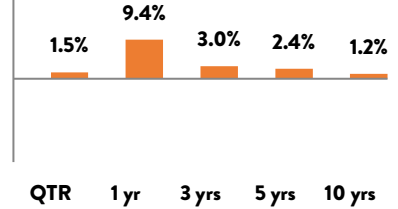
MSCI ACWI Ex US Large v. Small Cap Performance Spread

Small Beating Large
Large Beating Small



MSCI ACWI Ex US Value v. Growth Performance Spread

Growth Beating Value
Value Beating Growth



Historical Market Returns

Ranked by Performance

2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	4Q17
Emerging Markets 55.82%	Emerging Markets 25.55%	Emerging Markets 34.00%	Emerging Markets 32.14%	Emerging Markets 39.42%	US Bonds 5.24%	Emerging Markets 78.51%	Small Cap 26.85%	Core Real Estate 14.96%	Emerging Markets 18.22%	Small Cap 38.82%	Large Cap 13.68%	Core Real Estate 13.95%	Small Cap 21.30%	Emerging Markets 37.28%	Emerging Markets 7.44%
Small Cap 47.25%	Intl 20.91%	Commod. 21.36%	Intl 26.65%	Intl 16.65%	Global Bonds 4.79%	High Yield 58.21%	Mid Cap 25.48%	TIPS 13.56%	Mid Cap 17.28%	Mid Cap 34.76%	Mid Cap 13.21%	Large Cap 1.38%	High Yield 17.12%	Intl 27.19%	Large Cap 6.64%
Intl 40.83%	Mid Cap 20.22%	Core Real Estate 20.15%	Small Cap 18.37%	Commod. 16.23%	Cash 1.39%	Intl 41.45%	Emerging Markets 18.88%	US Bonds 7.84%	Intl 16.83%	Large Cap 32.39%	Core Real Estate 11.44%	US Bonds 0.55%	Mid Cap 13.79%	Large Cap 21.83%	Mid Cap 6.07%
Mid Cap 40.06%	Small Cap 18.33%	Intl 16.62%	Large Cap 15.79%	Core Real Estate 14.84%	TIPS -2.35%	Mid Cap 40.48%	Commod. 16.83%	Global Bonds 5.64%	Small Cap 16.35%	Intl 15.29%	US Bonds 5.97%	Cash 0.03%	Large Cap 11.95%	Mid Cap 18.52%	Intl 5.00%
High Yield 28.97%	Global Balanced 12.18%	Mid Cap 12.65%	Core Real Estate 15.27%	TIPS 11.64%	Core Real Estate -10.70%	Small Cap 27.17%	Core Real Estate 15.26%	High Yield 4.98%	Large Cap 16.00%	Global Balanced 14.46%	Small Cap 4.89%	TIPS -1.43%	Commod. 11.76	Global Balanced 15.87%	Commod. 4.71%
Large Cap 28.68%	Core Real Estate 12.00%	Large Cap 4.91%	Mid Cap 15.26%	Global Bonds 9.48%	Global Balanced -24.51%	Large Cap 26.46%	High Yield 15.12%	Large Cap 2.11%	High Yield 15.81%	Core Real Estate 12.95%	TIPS 3.64%	Global Balanced -1.45%	Emerging Markets 11.18%	Small Cap 14.65%	Global Balanced 3.69%
Global Balanced 24.27%	High Yield 11.13%	Small Cap 4.55%	Global Balanced 14.53%	Global Balanced 9.07%	High Yield -26.16%	Global Balanced 20.49%	Large Cap 15.06%	Cash 0.06%	Global Balanced 11.06%	High Yield 7.44%	Global Balanced 3.17%	Mid Cap -2.43%	Core Real Estate 7.76%	High Yield 7.50%	Small Cap 3.34%
Commod. 23.93%	Large Cap 10.88%	Global Balanced 4.16%	High Yield 11.85%	US Bonds 6.97%	Small Cap -33.79%	Commod. 18.91%	Intl 11.15%	Global Balanced -0.97%	Core Real Estate 9.76%	Cash 0.07%	High Yield 2.45%	Global Bonds -3.15%	Global Balanced 5.38%	Global Bonds 7.39%	Core Real Estate 1.64%
Global Bonds 12.51%	Global Bonds 9.27%	Cash 3.25%	Global Bonds 6.64%	Mid Cap 5.60%	Commod. -35.65%	TIPS 11.41%	Global Balanced 9.40%	Mid Cap -1.55%	TIPS 6.98%	US Bonds -2.02%	Global Bonds 0.59%	Small Cap -4.41%	TIPS 4.68%	Core Real Estate 4.72%	TIPS 1.26%
TIPS 8.40%	Commod. 9.15%	TIPS 2.84%	Cash 4.85%	Large Cap 5.49%	Large Cap -37.00%	Global Bonds 6.93%	US Bonds 6.54%	Small Cap -4.18%	Global Bonds 4.32%	Global Bonds -2.60%	Cash 0.04%	High Yield -4.46%	Intl 4.50%	US Bonds 3.54%	Global Bonds 1.08%
Core Real Estate 8.28%	TIPS 8.46%	High Yield 2.74%	US Bonds 4.33%	Cash 4.44%	Mid Cap -41.46%	US Bonds 5.93%	TIPS 6.31%	Commod. -13.32%	US Bonds 4.21%	Emerging Markets -2.60%	Emerging Markets -2.18%	Intl -5.66%	US Bonds 2.65%	TIPS 3.01%	High Yield 0.47%
US Bonds 4.10%	US Bonds 4.34%	US Bonds 2.43%	Commod. 2.07%	High Yield 1.87%	Intl -45.53%	Cash 0.16%	Global Bonds 5.54%	Intl -13.71%	Cash 0.08%	TIPS -8.61%	Intl -3.86%	Emerging Markets -14.90%	Global Bonds 2.09%	Commod. 1.70%	US Bonds 0.39%
Cash 1.03%	Cash 1.44%	Global Bonds -4.49%	TIPS 0.41%	Small Cap -1.57%	Emerging Markets -53.33%	Core Real Estate -30.40%	Cash 0.15%	Emerging Markets -18.42%	Commod. -1.06%	Commod. -9.52%	Commod. -17.00%	Commod. -24.60%	Cash 0.25%	Cash 0.71%	Cash 0.21%

Global Balanced is composed of 60% MSCI World Stock Index, 35% Barclays Global Aggregate Bond Index, and 5% US 90-Day T-Bills.

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Section 2

EAST BAY MUD

457 Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017

Fixed Income	Ticker	#Part	Assets	%
T. Rowe Price Stable Value A	-	211	\$9,259,809	9.4%
Carillon Reams Core Plus Bond Instl	SCPZX	132	\$3,820,784	3.9%
Vanguard Total Bond Market Index Adm	VBTLX	64	\$1,031,915	1.0%
Total			\$14,112,508	14.3%

Large Cap	Ticker	#Part	Assets	%
Dodge & Cox Stock	DODGX	221	\$8,293,012	8.4%
Vanguard Institutional Index Instl	VINIX	233	\$10,381,703	10.5%
Fidelity Blue Chip Growth K	FBGKX	243	\$7,310,036	7.4%
Total			\$25,984,751	26.3%

Mid Cap	Ticker	#Part	Assets	%
Hotchkis & Wiley Mid Value I	HWMIX	79	\$1,652,100	1.7%
MFS Mid Cap Growth R4	OTCJX	105	\$2,305,627	2.3%
Total			\$3,957,726	4.0%

Small Cap	Ticker	#Part	Assets	%
Artisan Small Cap Instl	APHSX	104	\$1,195,720	1.2%
DFA US Targeted Value I	DFFVX	113	\$2,136,057	2.2%
Total			\$3,331,777	3.4%

International	Ticker	#Part	Assets	%
American Funds EuroPacific Growth R6	RERGX	161	\$3,785,406	3.8%
Vanguard Total Intl Stock Index Adm	VTIAX	44	\$588,256	0.6%
Total			\$4,373,662	4.4%

Asset Allocation	Ticker	#Part	Assets	%
Vanguard Wellesley Income Adm	VWIAX	84	\$3,590,961	3.6%
Fidelity Balanced K	FBAKX	134	\$5,354,316	5.4%
Vanguard Instl Target Retirement Income Instl	VITRX	65	\$3,240,900	3.3%
Vanguard Instl Target Retirement 2015 Instl	VITVX	37	\$3,382,480	3.4%
Vanguard Instl Target Retirement 2020 Instl	VITWX	97	\$6,105,511	6.2%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	70	\$3,712,295	3.8%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	83	\$3,289,847	3.3%
Vanguard Instl Target Retirement 2035 Instl	VITFX	73	\$1,209,884	1.2%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	74	\$2,182,479	2.2%
Vanguard Instl Target Retirement 2045 Instl	VITLX	51	\$1,161,636	1.2%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	39	\$655,769	0.7%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	20	\$275,138	0.3%
Vanguard Instl Target Retirement 2060 Instl	VILVX	6	\$70,150	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	0	\$0	0.0%
Total			\$34,231,366	34.6%

Miscellaneous	Ticker	#Part	Assets	%
Brokerage Assets	-	97	\$10,454,616	10.6%
Fidelity Government Money Market Fund	SPAXX	61	\$2,388,805	2.4%
Total			\$12,843,421	13.0%

TOTAL PLAN ASSETS

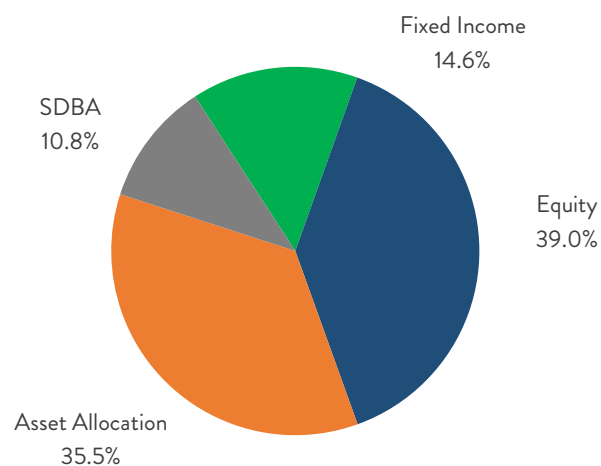
\$98,835,211

EAST BAY MUD

457 Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017



HISTORICAL PLAN ALLOCATION

Asset Class	4Q17	2016	2015	2014	2013	2012	2011	2010
Fixed Income	14.6%	17.0%	17.6%	17.9%	18.8%	24.4%	N/A	N/A
Large Cap	26.9%	24.9%	25.5%	26.0%	25.4%	21.6%	N/A	N/A
Mid Cap	4.1%	4.9%	5.5%	6.8%	6.4%	5.6%	N/A	N/A
Small Cap	3.5%	3.7%	3.9%	4.9%	6.1%	5.4%	N/A	N/A
International	4.5%	3.8%	4.4%	4.0%	4.2%	4.3%	N/A	N/A
Asset Allocation	35.5%	34.6%	32.7%	29.5%	27.3%	27.3%	N/A	N/A
SDBA	10.8%	11.2%	10.4%	10.9%	11.9%	11.4%	N/A	N/A

EQUITY STYLE*

Core Growth Value

4 Q 17	29.1%	38.8%	32.1%
2016	29.5%	33.2%	37.3%
2015	26.5%	37.6%	35.9%
2014	24.2%	34.3%	41.5%
2013	22.5%	36.4%	41.1%
2012	21.4%	38.5%	40.0%

BY EQUITY REGION*

US Non-US

4 Q 17	88.4%	11.6%
2016	89.7%	10.3%
2015	88.9%	11.1%
2014	90.4%	9.6%
2013	90.1%	9.9%
2012	88.4%	11.6%

ACTIVE V PASSIVE**

Active Passive

4 Q 17	76.8%	23.2%
2016	78.7%	21.3%
2015	81.1%	18.9%
2014	82.4%	17.6%
2013	83.9%	16.1%
2012	86.2%	13.9%

*Excludes Fixed Income, Asset Allocation, and Brokerage assets

**Excludes Asset Allocation and Brokerage assets

EAST BAY MUD

457 Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017

PLAN LEVEL CASH FLOWS

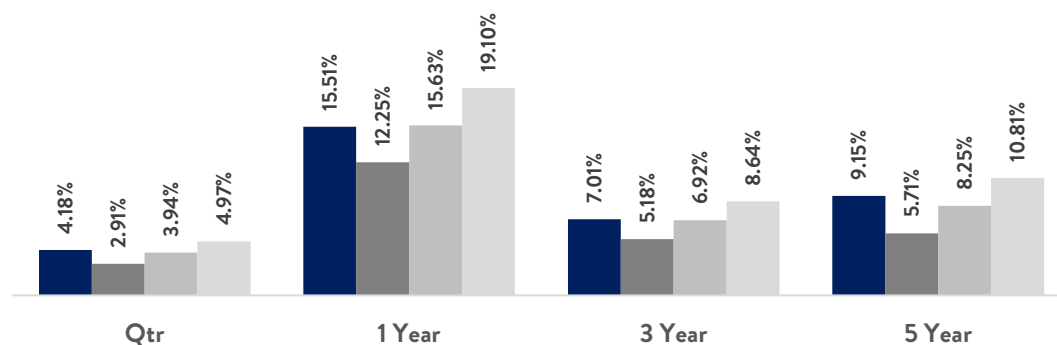
	Beginning Value	Cash Flow (+)	Cash Flow (-)	Transfer	Market Gain/Loss	Ending Value
Fixed Income	\$13,852,542	\$101,218	(\$148,777)	\$247,176	\$60,348	\$14,112,508
Large Cap	\$24,724,504	\$279,890	(\$78,773)	(\$527,639)	\$1,586,768	\$25,984,751
Mid Cap	\$3,893,202	\$38,030	(\$3,696)	(\$149,205)	\$179,396	\$3,957,726
Small Cap	\$3,176,843	\$35,826	(\$12,092)	(\$22,499)	\$153,699	\$3,331,777
International	\$4,074,536	\$41,738	(\$3,776)	\$83,056	\$178,107	\$4,373,662
Asset Allocation	\$32,823,016	\$562,020	(\$426,943)	\$87,383	\$1,185,890	\$34,231,366
SDBA	\$9,783,321	\$54,147	\$0	\$99,103	\$518,044	\$10,454,616
Total	\$92,327,966	\$1,112,869	(\$674,057)	(\$182,624)	\$3,862,251	\$96,446,406

HISTORICAL PLAN CASH FLOWS

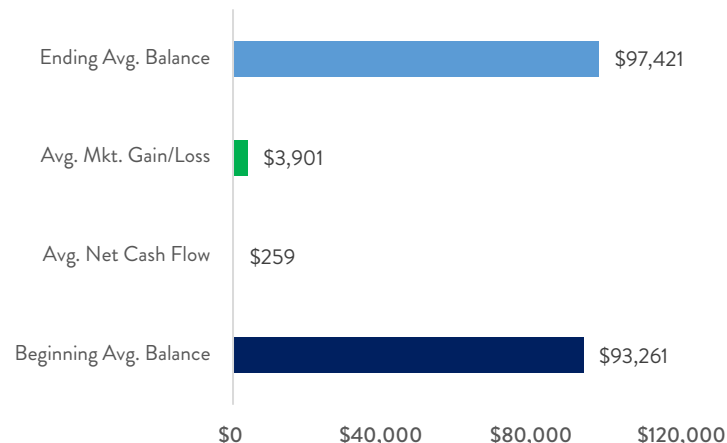
	Beginning Value	Net Cash Flow	Market Gain/Loss	Ending Value
4Q17	\$92,327,966	\$256,188	\$3,862,251	\$96,446,406
YTD	\$83,793,718	(\$295,907)	\$12,948,595	\$96,446,406
2016	\$78,254,283	(\$469,102)	\$6,008,537	\$83,793,718
2015	\$80,906,860	(\$1,440,382)	(\$1,212,196)	\$78,254,283
2014	\$75,284,761	\$1,068,546	\$4,553,554	\$80,906,860
2013	\$63,961,551	(\$975,132)	\$12,298,342	\$75,284,761
2012	N/A	N/A	N/A	\$63,961,551

Returns

■ East Bay MUD 457 Retirement Plan ■ 40 Equity/60 Fixed ■ 60 Equity/40 Fixed ■ 80 Equity/20 Fixed



Avg. Balance



Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 90 Day T-Bill, Barclays Global

Aggregate Bond (rebalanced quarterly)

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Section 3

EAST BAY MUD

401(a) Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017

Fixed Income	Ticker	#Part	Assets	%
T. Rowe Price Stable Value A	-	78	\$2,372,826	5.0%
Carillon Reams Core Plus Bond Instl	SCPZX	93	\$2,265,204	4.8%
Vanguard Total Bond Market Index Adm	VBTLX	37	\$604,478	1.3%
Total			\$5,242,509	11.0%

Large Cap	Ticker	#Part	Assets	%
Dodge & Cox Stock	DODGX	122	\$3,542,936	7.4%
Vanguard Institutional Index Instl	VINIX	160	\$7,475,659	15.7%
Fidelity Blue Chip Growth K	FBGKX	158	\$4,835,723	10.2%
Total			\$15,854,319	33.3%

Mid Cap	Ticker	#Part	Assets	%
Hotchkis & Wiley Mid Value I	HWMIX	49	\$889,616	1.9%
MFS Mid Cap Growth R4	OTCJX	60	\$1,198,137	2.5%
Total			\$2,087,752	4.4%

Small Cap	Ticker	#Part	Assets	%
Artisan Small Cap Instl	APHSX	55	\$586,134	1.2%
DFA US Targeted Value I	DFFVX	63	\$1,254,319	2.6%
Total			\$1,840,453	3.9%

International	Ticker	#Part	Assets	%
American Funds EuroPacific Growth R6	RERGX	106	\$2,501,762	5.3%
Vanguard Total Intl Stock Index Adm	VTIAX	27	\$323,915	0.7%
Total			\$2,825,677	5.9%

Asset Allocation	Ticker	#Part	Assets	%
Vanguard Wellesley Income Adm	VWIAX	58	\$1,144,129	2.4%
Fidelity Balanced K	FBKX	76	\$1,741,123	3.7%
Vanguard Instl Target Retirement Income Instl	VITRX	29	\$927,217	1.9%
Vanguard Instl Target Retirement 2015 Instl	VITVX	16	\$1,220,141	2.6%
Vanguard Instl Target Retirement 2020 Instl	VITWX	31	\$1,658,329	3.5%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	32	\$2,334,248	4.9%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	45	\$1,081,377	2.3%
Vanguard Instl Target Retirement 2035 Instl	VITFX	41	\$1,553,014	3.3%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	51	\$1,365,939	2.9%
Vanguard Instl Target Retirement 2045 Instl	VITLX	36	\$490,737	1.0%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	15	\$229,491	0.5%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	11	\$95,296	0.2%
Vanguard Instl Target Retirement 2060 Instl	VILVX	4	\$9,861	0.0%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	0	\$0	0.0%
Total			\$13,850,902	29.1%

Miscellaneous	Ticker	#Part	Assets	%
Brokerage Assets	-	42	\$4,965,579	10.4%
Fidelity Government Money Market Fund	SPAXX	31	\$889,694	1.9%
Total			\$5,855,273	12.3%

TOTAL PLAN ASSETS

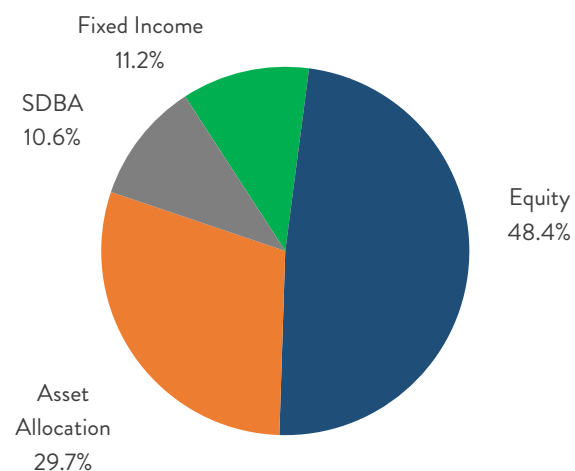
\$47,556,884

EAST BAY MUD

401(a) Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017



HISTORICAL PLAN ALLOCATION

Asset Class	4Q17	2016	2015	2014	2013	2012	2011	2010
Fixed Income	11.2%	12.9%	14.3%	13.0%	13.8%	18.4%	N/A	N/A
Large Cap	34.0%	33.7%	33.3%	31.8%	29.5%	26.7%	N/A	N/A
Mid Cap	4.5%	4.6%	5.6%	8.7%	8.7%	5.9%	N/A	N/A
Small Cap	3.9%	4.3%	4.1%	4.8%	6.5%	6.3%	N/A	N/A
International	6.1%	5.0%	6.0%	5.7%	6.1%	6.1%	N/A	N/A
Asset Allocation	29.7%	28.1%	25.8%	25.7%	24.8%	26.5%	N/A	N/A
SDBA	10.6%	11.5%	11.0%	10.4%	10.6%	10.0%	N/A	N/A

EQUITY STYLE*

■ Core ■ Growth ■ Value

4 Q17	34.5%	40.3%	25.2%
2016	37.3%	35.1%	27.6%
2015	33.5%	40.8%	25.7%
2014	30.9%	35.8%	33.3%
2013	29.5%	38.8%	31.7%
2012	31.6%	39.8%	28.6%

BY EQUITY REGION*

■ US ■ Non-US

4 Q17	87.5%	12.5%
2016	89.5%	10.5%
2015	87.7%	12.3%
2014	88.8%	11.2%
2013	88.0%	12.0%
2012	86.5%	13.5%

ACTIVE V PASSIVE**

■ Active ■ Passive

4 Q17	69.8%	30.2%
2016	67.1%	32.9%
2015	70.2%	29.8%
2014	74.2%	25.8%
2013	76.0%	24.0%
2012	76.0%	24.0%

*Excludes Fixed Income, Asset Allocation, and Brokerage assets

**Excludes Asset Allocation and Brokerage assets

EAST BAY MUD

401(a) Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017

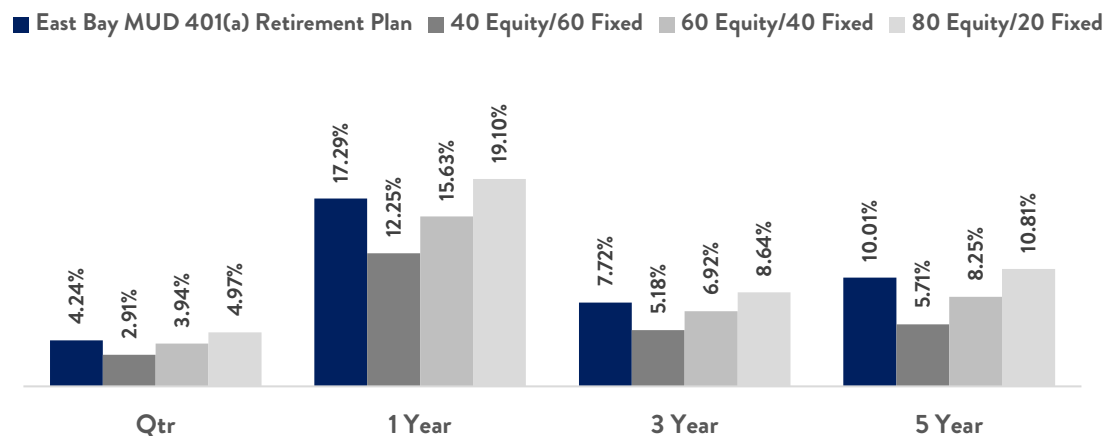
PLAN LEVEL CASH FLOWS

	Beginning Value	Cash Flow (+)	Cash Flow (-)	Transfer	Market Gain/Loss	Ending Value
Fixed Income	\$5,217,672	\$66,687	(\$18,193)	(\$44,630)	\$20,973	\$5,242,509
Large Cap	\$15,316,449	\$180,477	(\$54,564)	(\$596,989)	\$1,008,946	\$15,854,319
Mid Cap	\$1,892,190	\$32,249	(\$1,641)	\$72,091	\$92,863	\$2,087,752
Small Cap	\$1,830,322	\$26,729	(\$7,397)	(\$93,702)	\$84,502	\$1,840,453
International	\$2,684,655	\$26,063	(\$9,039)	\$8,278	\$115,720	\$2,825,677
Asset Allocation	\$12,857,608	\$305,823	(\$106,239)	\$300,161	\$493,549	\$13,850,902
SDBA	\$4,548,422	\$32,748	\$0	\$310,494	\$73,915	\$4,965,579
Total	\$44,347,318	\$670,775	(\$197,074)	(\$44,297)	\$1,890,468	\$46,667,190

HISTORICAL PLAN CASH FLOWS

	Beginning Value	Net Cash Flow	Market Gain/Loss	Ending Value
4Q17	\$44,347,318	\$429,405	\$1,890,468	\$46,667,190
YTD	\$40,280,591	(\$507,734)	\$6,894,333	\$46,667,190
2016	\$37,745,036	(\$232,686)	\$2,768,240	\$40,280,591
2015	\$37,603,485	\$409,088	(\$267,537)	\$37,745,036
2014	\$34,512,301	\$739,591	\$2,351,593	\$37,603,485
2013	\$28,878,138	(\$372,437)	\$6,006,600	\$34,512,301
2012	N/A	N/A	N/A	\$28,878,138

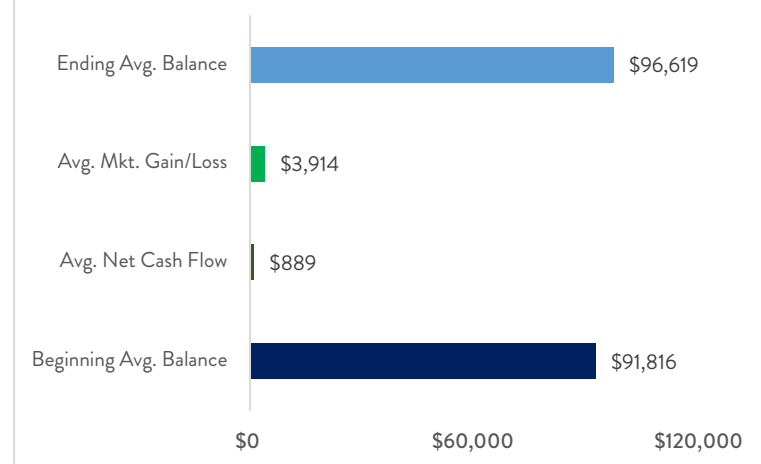
Returns



Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 90 Day T-Bill, Barclays Global

Aggregate Bond (rebalanced quarterly)

Avg. Balance



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Section 4

EAST BAY MUD
401(k) Retirement Plan

PLAN ASSET ALLOCATION
Fourth Quarter 2017

Fixed Income	Ticker	#Part	Assets	%
T. Rowe Price Stable Value A	-	356	\$19,432,480	6.7%
Carillon Reams Core Plus Bond Instl	SCPZX	287	\$11,411,224	3.9%
Vanguard Total Bond Market Index Adm	VBTLX	96	\$2,362,524	0.8%
Total			\$33,206,228	11.5%

Large Cap	Ticker	#Part	Assets	%
Dodge & Cox Stock	DODGX	414	\$21,553,808	7.4%
Vanguard Institutional Index Instl	VINIX	603	\$43,390,649	15.0%
Fidelity Blue Chip Growth K	FBGKX	574	\$31,209,168	10.8%
Total			\$96,153,624	33.2%

Mid Cap	Ticker	#Part	Assets	%
Hotchkis & Wiley Mid Value I	HWMIX	205	\$5,464,709	1.9%
MFS Mid Cap Growth R4	OTCJX	194	\$5,547,671	1.9%
Total			\$11,012,381	3.8%

Small Cap	Ticker	#Part	Assets	%
Artisan Small Cap Instl	APHSX	215	\$3,060,312	1.1%
DFA US Targeted Value I	DFFVX	294	\$7,299,280	2.5%
Total			\$10,359,592	3.6%

International	Ticker	#Part	Assets	%
American Funds EuroPacific Growth R6	RERGX	398	\$11,810,729	4.1%
Vanguard Total Intl Stock Index Adm	VTIAX	69	\$1,532,597	0.5%
Total			\$13,343,326	4.6%

Asset Allocation	Ticker	#Part	Assets	%
Vanguard Wellesley Income Adm	VWIAx	163	\$7,087,262	2.4%
Fidelity Balanced K	FBKX	282	\$13,491,318	4.7%
Vanguard Instl Target Retirement Income	VITRX	85	\$4,444,756	1.5%
Vanguard Instl Target Retirement 2015 Instl	VITVX	84	\$8,796,496	3.0%
Vanguard Instl Target Retirement 2020 Instl	VITWX	216	\$22,466,773	7.8%
Vanguard Instl Target Retirement 2025 Instl	VRIVX	144	\$11,427,994	3.9%
Vanguard Instl Target Retirement 2030 Instl	VTTWX	171	\$9,925,275	3.4%
Vanguard Instl Target Retirement 2035 Instl	VITFX	115	\$4,324,028	1.5%
Vanguard Instl Target Retirement 2040 Instl	VIRSX	150	\$6,493,073	2.2%
Vanguard Instl Target Retirement 2045 Instl	VITLX	88	\$2,540,323	0.9%
Vanguard Instl Target Retirement 2050 Instl	VTRLX	99	\$2,505,410	0.9%
Vanguard Instl Target Retirement 2055 Instl	VIVLX	46	\$626,863	0.2%
Vanguard Instl Target Retirement 2060 Instl	VILVX	21	\$192,454	0.1%
Vanguard Instl Target Retirement 2065 Instl	VSXFX	0	\$0	0.0%
Total			\$94,322,023	32.6%

Miscellaneous	Ticker	#Part	Assets	%
Brokerage Assets	-	194	\$26,606,978	9.2%
Fidelity Government Money Market Fund	SPAXX	206	\$4,613,902	1.6%
Total			\$31,220,879	10.8%

TOTAL PLAN ASSETS

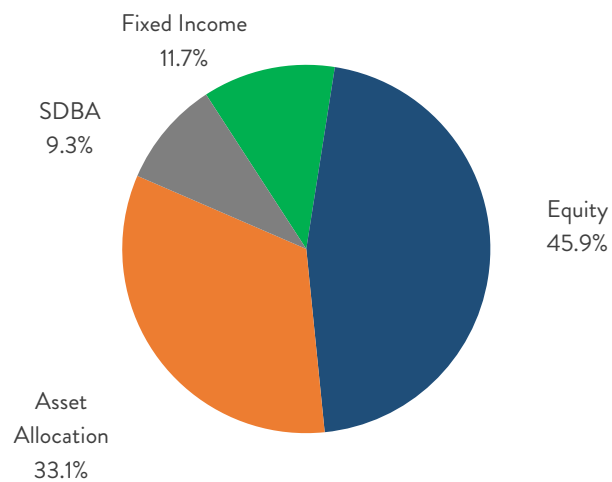
\$289,618,054

EAST BAY MUD

401(k) Retirement Plan

PLAN ASSET ALLOCATION

Fourth Quarter 2017



HISTORICAL PLAN ALLOCATION

Asset Class	4Q17	2016	2015	2014	2013	2012	2011	2010
Fixed Income	11.7%	14.1%	13.8%	14.5%	15.5%	20.3%	N/A	N/A
Large Cap	33.7%	32.2%	33.3%	33.3%	31.4%	28.1%	N/A	N/A
Mid Cap	3.9%	4.5%	5.0%	6.4%	6.3%	4.9%	N/A	N/A
Small Cap	3.6%	3.8%	4.2%	5.2%	6.7%	6.5%	N/A	N/A
International	4.7%	4.2%	4.8%	4.7%	4.9%	4.9%	N/A	N/A
Asset Allocation	33.1%	31.3%	29.4%	26.7%	25.3%	25.3%	N/A	N/A
SDBA	9.3%	9.9%	9.4%	9.2%	10.0%	10.0%	N/A	N/A

EQUITY STYLE*

■ Core ■ Growth ■ Value

4 Q 17	34.3%	39.5%	26.2%
2016	34.6%	35.8%	29.6%
2015	31.6%	40.2%	28.2%
2014	29.2%	36.3%	34.5%
2013	27.1%	38.6%	34.3%
2012	26.6%	40.4%	33.0%

BY EQUITY REGION*

■ US ■ Non-US

4 Q 17	89.8%	10.2%
2016	90.7%	9.3%
2015	89.8%	10.2%
2014	90.6%	9.4%
2013	90.0%	10.0%
2012	88.9%	11.1%

ACTIVE V PASSIVE**

■ Active ■ Passive

4 Q 17	71.2%	28.8%
2016	71.2%	28.8%
2015	73.2%	26.8%
2014	77.2%	22.8%
2013	78.6%	21.4%
2012	80.5%	19.5%

*Excludes Fixed Income, Asset Allocation, and Brokerage assets

**Excludes Asset Allocation and Brokerage assets

EAST BAY MUD

401(k) Retirement Plan

PLAN ASSET ALLOCATION

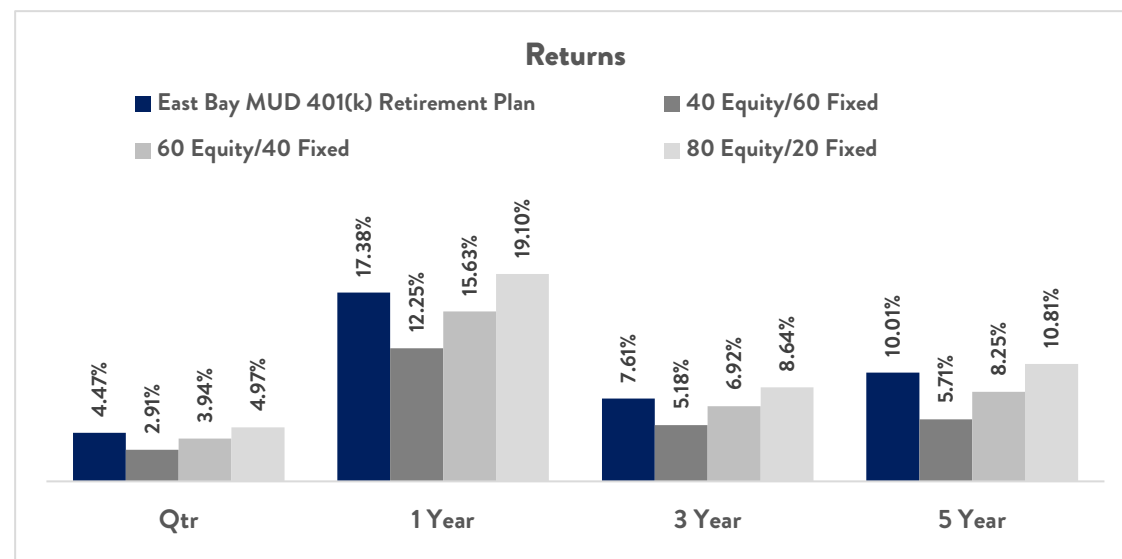
Fourth Quarter 2017

PLAN LEVEL CASH FLOWS

	Beginning Value	Cash Flow (+)	Cash Flow (-)	Transfer	Market Gain/Loss	Ending Value
Fixed Income	\$33,517,215	\$222,264	(\$525,332)	(\$147,630)	\$139,711	\$33,206,228
Large Cap	\$91,864,405	\$877,409	(\$520,170)	(\$2,106,056)	\$6,038,037	\$96,153,624
Mid Cap	\$11,002,559	\$108,581	(\$61,244)	(\$536,747)	\$499,231	\$11,012,381
Small Cap	\$9,702,110	\$89,438	(\$42,145)	\$137,186	\$473,004	\$10,359,592
International	\$12,466,135	\$117,664	(\$52,464)	\$269,293	\$542,698	\$13,343,326
Asset Allocation	\$89,705,764	\$1,625,398	(\$1,599,114)	\$1,256,698	\$3,333,277	\$94,322,023
SDBA	\$25,364,959	\$68,516	(\$40,101)	\$23,533	\$1,190,072	\$26,606,978
Total	\$273,623,148	\$3,109,270	(\$2,840,572)	(\$1,103,724)	\$12,216,030	\$285,004,152

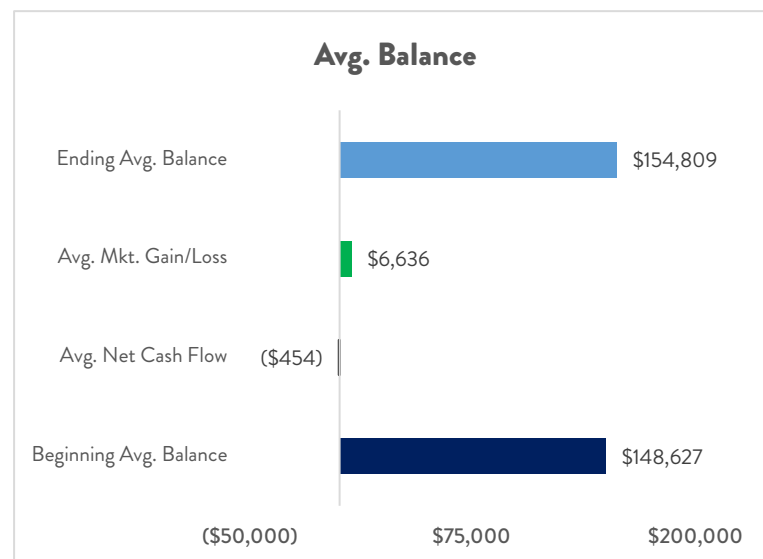
HISTORICAL PLAN CASH FLOWS

	Beginning Value	Net Cash Flow	Market Gain/Loss	Ending Value
4Q17	\$273,623,148	(\$835,025)	\$12,216,030	\$285,004,152
YTD	\$246,216,787	(\$3,734,794)	\$42,522,160	\$285,004,152
2016	\$226,661,725	\$3,025,369	\$16,529,693	\$246,216,787
2015	\$228,350,436	\$395,356	(\$2,084,067)	\$226,661,725
2014	\$212,103,392	\$1,888,303	\$14,358,741	\$228,350,436
2013	\$175,022,943	(\$9,809)	\$37,090,258	\$212,103,392
2012	N/A	N/A	N/A	\$175,022,943



Equity Indices: Russell 3000, MSCI ACWI ex USA; Fixed Indices: US Treasury 90 Day T-Bill, Barclays Global

Aggregate Bond (rebalanced quarterly)



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Section 5

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

INVESTMENT POLICY STATEMENT COMPLIANCE REPORT

Fourth Quarter 2017

Key: P Pass / ● Fail

Investment Policy Status

	Performance Factors	Qualitative Factors	On-Watch Date Initiated	Notes
T. Rowe Price Stable Value A	P	P	-	
Carillon Reams Core Plus Bond Instl	●	P	-	Trailing Benchmark and Peer Group for 5 year period.
Vanguard Total Bond Market Index Adm	P	P	-	
Dodge & Cox Stock	P	P	-	
Vanguard Institutional Index Instl	P	P	-	
Fidelity Blue Chip Growth K	P	P	-	
Hotchkis & Wiley Mid Value I	●	P	-	Trailing Benchmark and Peer Group for 5 year period.
MFS Mid Cap Growth R4	P	P	-	
Artisan Small Cap Instl	●	P	-	Trailing Benchmark and Peer Group for 5 year period.
DFA US Targeted Value I	P	P	-	
American Funds EuroPacific Growth R6	P	P	-	
Vanguard Total Intl Stock Index Adm	P	P	-	
Vanguard Wellesley Income Adm	P	P	-	
Fidelity Balanced K	P	P	-	
Vanguard Instl Target Retirement Income Instl	P	P	-	
Vanguard Instl Target Retirement 2015 Instl	P	P	-	
Vanguard Instl Target Retirement 2020 Instl	P	P	-	
Vanguard Instl Target Retirement 2025 Instl	P	P	-	
Vanguard Instl Target Retirement 2030 Instl	P	P	-	
Vanguard Instl Target Retirement 2035 Instl	P	P	-	
Vanguard Instl Target Retirement 2040 Instl	P	P	-	
Vanguard Instl Target Retirement 2045 Instl	P	P	-	
Vanguard Instl Target Retirement 2050 Instl	P	P	-	
Vanguard Instl Target Retirement 2055 Instl	P	P	-	
Vanguard Instl Target Retirement 2060 Instl	P	P	-	
Vanguard Instl Target Retirement 2065 Instl	P	P	-	

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

Fourth Quarter 2017

	<i>Annualized</i>												
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
T. Rowe Price Stable Value A	0.48	1.85	1.85	1.86	1.93	2.78	1.79	1.92	2.00	2.11	2.38	3.26	
5 Yr Constant Maturity US Treasury Yield	0.51	1.91	1.91	1.63	1.54	1.69	1.44	1.53	1.64	1.16	0.76	1.52	
US 90 Day T-Bill	0.30	0.93	0.93	0.43	0.28	0.32	0.32	0.05	0.03	0.06	0.08	0.06	
+/- Index	(0.03)	(0.06)	(0.06)	0.23	0.39	1.09	0.35	0.39	0.36	0.95	1.62	1.74	
US Stable Value	39	62	62	27	30	45	38	10	10	22	33	33	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Carillon Reams Core Plus Bond Instl	0.33	3.51	3.51	2.38	1.81	5.81	3.57	0.10	2.32	-0.36	9.85	8.28	
BBgBarc Capital US Aggregate Bond Index	0.39	3.54	3.54	2.24	2.10	4.01	2.65	0.55	5.97	-2.02	4.21	7.84	
+/- Index	(0.06)	(0.04)	(0.04)	0.14	(0.29)	1.80	0.92	(0.45)	(3.64)	1.67	5.63	0.44	
US Fund Intermediate-Term Bond	47	57	57	42	66	2	37	44	95	19	9	5	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Total Bond Market Index Adm	0.41	3.57	3.57	2.18	2.02	3.95	2.60	0.40	5.89	-2.15	4.15	7.69	
BBgBarc Capital US Aggregate Bond Index	0.39	3.54	3.54	2.24	2.10	4.01	2.65	0.55	5.97	-2.02	4.21	7.84	
+/- Index	0.02	0.02	0.02	(0.06)	(0.08)	(0.06)	(0.05)	(0.15)	(0.07)	(0.12)	(0.06)	(0.16)	
US Fund Intermediate-Term Bond	33	55	55	53	51	61	63	28	30	67	83	12	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Dodge & Cox Stock	5.75	18.33	18.33	11.08	16.29	7.71	21.28	-4.49	10.40	40.55	22.01	-4.08	
Russell 1000 Value Index	5.33	13.66	13.66	8.65	14.04	7.10	17.34	-3.83	13.45	32.53	17.51	0.39	
+/- Index	0.42	4.66	4.66	2.43	2.25	0.61	3.94	(0.66)	(3.05)	8.02	4.51	(4.47)	
US Fund Large Value	56	24	24	6	2	30	6	62	54	2	2	74	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Institutional Index Instl	6.63	21.79	21.79	11.38	15.76	8.50	11.93	1.37	13.65	32.35	15.98	2.09	
S&P 500 Index	6.64	21.83	21.83	11.41	15.79	8.50	11.96	1.38	13.69	32.39	16.00	2.11	
+/- Index	(0.01)	(0.04)	(0.04)	(0.03)	(0.03)	0.00	(0.03)	(0.01)	(0.04)	(0.04)	(0.02)	(0.02)	
US Fund Large Blend	42	29	29	14	13	21	27	20	18	42	35	17	

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

Fourth Quarter 2017

	QTR	YTD	1Yr	Annualized			2016	2015	2014	2013	2012	2011
				3Yr	5Yr	10Yr						
Fidelity Blue Chip Growth K	7.16	36.20	36.20	13.81	18.82	11.29	1.71	6.40	14.74	40.03	17.95	-2.56
Russell 1000 Growth Index	7.86	30.21	30.21	13.79	17.33	10.00	7.08	5.67	13.05	33.48	15.26	2.64
+/- Index	(0.70)	5.99	5.99	0.02	1.49	1.29	(5.37)	0.73	1.69	6.54	2.69	(5.20)
US Fund Large Growth	27	7	7	14	6	5	62	27	6	10	21	55
Hotchkis & Wiley Mid Value I	4.58	7.78	7.78	4.49	12.78	10.10	21.00	-12.53	12.18	42.55	31.09	-8.60
Russell Mid Cap Value Index	5.50	13.34	13.34	9.00	14.68	9.10	20.00	-4.78	14.75	33.46	18.51	-1.38
+/- Index	(0.92)	(5.56)	(5.56)	(4.51)	(1.90)	1.01	1.01	(7.75)	(2.57)	9.09	12.59	(7.22)
US Fund Mid-Cap Value	72	91	91	90	72	8	27	93	24	7	2	91
MFS Mid Cap Growth R4	4.99	26.28	26.28	11.33	15.56	7.32	4.58	4.48	8.90	37.15	16.46	-5.85
Russell Mid Cap Growth Index	6.81	25.27	25.27	10.30	15.30	9.10	7.33	-0.20	11.90	35.74	15.81	-1.65
+/- Index	(1.82)	1.01	1.01	1.03	0.26	(1.78)	(2.75)	4.68	(3.00)	1.41	0.65	(4.20)
US Fund Mid-Cap Growth	78	31	31	20	16	60	57	9	32	30	25	64
Artisan Small Cap Instl	5.66	27.09	27.09	10.57	13.98	8.98	5.76	0.58	-0.57	43.11	17.90	6.99
Russell 2000 Growth Index	4.59	22.17	22.17	10.28	15.21	9.19	11.32	-1.38	5.60	43.30	14.59	-2.91
+/- Index	1.08	4.93	4.93	0.29	(1.23)	(0.21)	(5.56)	1.96	(6.18)	(0.20)	3.32	9.90
US Fund Small Growth	30	20	20	40	51	37	84	21	80	39	13	2
DFA US Targeted Value I	4.50	9.59	9.59	9.44	14.05	9.28	26.86	-5.72	2.94	43.03	19.19	-6.29
Russell 2000 Value Index	2.05	7.84	7.84	9.55	13.01	8.17	31.74	-7.47	4.22	34.52	18.05	-5.50
+/- Index	2.46	1.75	1.75	(0.11)	1.05	1.10	(4.88)	1.75	(1.28)	8.50	1.14	(0.79)
US Fund Small Value	25	40	40	37	24	31	40	46	65	10	23	72

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

Fourth Quarter 2017

	QTR	YTD	1Yr	<i>Annualized</i>			2016	2015	2014	2013	2012	2011
American Funds EuroPacific Growth R6	4.23	31.17	31.17	9.66	9.21	3.90	1.01	-0.48	-2.29	20.58	19.64	-13.31
MSCI ACWI Ex-USA (Net) Index	5.00	27.19	27.19	7.83	6.80	1.84	4.50	-5.66	-3.87	15.29	16.83	-13.71
+/- Index	(0.78)	3.98	3.98	1.83	2.41	2.06	(3.48)	5.18	1.57	5.29	2.81	0.40
US Fund Foreign Large Blend	29	3	3	11	10	11	37	39	13	41	25	40
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011
Vanguard Total Intl Stock Index Adm	4.88	27.55	27.55	8.53	7.12	1.92	4.67	-4.26	-4.17	15.14	18.21	-14.52
Vanguard Total International Stock Index	5.36	27.41	27.41	8.49	7.39	1.95	4.72	-4.29	-3.39	15.76	17.04	-14.31
+/- Index	(0.48)	0.14	0.14	0.04	(0.27)	(0.03)	(0.05)	0.03	(0.79)	(0.62)	1.17	(0.22)
US Fund Foreign Large Blend	17	23	23	29	56	42	12	79	33	83	49	60
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011
Vanguard Wellesley Income Adm	3.11	10.26	10.26	6.52	7.39	7.19	8.16	1.35	8.15	9.27	10.10	9.74
US Conservative Index	2.89	10.61	10.61	5.92	7.51	6.18	6.35	1.03	9.02	10.85	9.01	6.12
+/- Index	0.22	(0.35)	(0.35)	0.60	(0.12)	1.00	1.81	0.32	(0.87)	(1.58)	1.09	3.62
US Fund Allocation--30% to 50% Equity	12	46	46	8	11	2	23	1	6	31	43	1
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011
Fidelity Balanced K	3.64	16.60	16.60	7.87	10.85	6.82	7.12	0.50	10.52	20.64	13.04	1.76
US Balanced Index	4.14	14.26	14.26	7.76	10.25	7.09	8.21	1.20	10.56	17.73	11.37	4.98
+/- Index	(0.50)	2.34	2.34	0.11	0.60	(0.26)	(1.10)	(0.70)	(0.04)	2.91	1.66	(3.22)
US Fund Allocation--50% to 70% Equity	40	10	10	9	5	16	43	12	5	14	28	24
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011
Vanguard Instl Target Retirement Income Instl	2.05	8.54	8.54	-	-	-	5.29	-0.13	5.58	5.91	8.27	5.29
Vanguard Retirement Income Index	2.14	8.67	8.67	4.65	5.15	4.99	5.35	0.12	5.76	6.03	8.42	5.30
+/- Index	(0.09)	(0.12)	(0.12)	-	-	-	(0.07)	(0.25)	(0.18)	(0.12)	(0.15)	(0.01)
US Fund Target-Date Retirement	48	59	59	-	-	-	40	7	19	56	67	9

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

Fourth Quarter 2017

	<i>Annualized</i>												
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2015 Instl	2.73	11.50	11.50	-	-	-	6.27	-0.42	6.60	13.04	11.41	1.75	
Vanguard Retirement 2015 Index	2.84	11.61	11.61	5.82	7.46	5.29	6.40	-0.22	6.77	13.27	11.46	1.56	
+/- Index	(0.11)	(0.11)	(0.11)	-	-	-	(0.13)	(0.20)	(0.17)	(0.23)	(0.05)	0.19	
US Fund Target-Date 2015	38	47	47	-	-	-	51	11	3	21	34	19	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2020 Instl	3.40	14.13	14.13	-	-	-	7.04	-0.63	7.16	15.90	12.40	0.65	
Vanguard Retirement 2020 Index	3.52	14.22	14.22	6.83	8.75	5.76	7.17	-0.40	7.37	16.21	12.47	0.99	
+/- Index	(0.12)	(0.09)	(0.09)	-	-	-	(0.12)	(0.23)	(0.21)	(0.31)	(0.07)	(0.34)	
US Fund Target-Date 2020	17	15	15	-	-	-	25	28	1	22	39	43	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2025 Instl	3.81	15.94	15.94	-	-	-	7.56	-0.80	7.22	18.19	13.34	-0.32	
Vanguard Retirement 2025 Index	4.01	16.08	16.08	7.51	9.61	5.95	7.66	-0.58	7.45	18.52	13.39	0.07	
+/- Index	(0.20)	(0.14)	(0.14)	-	-	-	(0.10)	(0.22)	(0.23)	(0.33)	(0.05)	(0.39)	
US Fund Target-Date 2025	21	23	23	-	-	-	20	24	4	24	43	16	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2030 Instl	4.25	17.57	17.57	-	-	-	7.97	-0.97	7.23	20.55	14.30	-1.21	
Vanguard Retirement 2030 Index	4.41	17.65	17.65	8.06	10.40	6.08	8.11	-0.80	7.51	20.88	14.31	-0.89	
+/- Index	(0.16)	(0.09)	(0.09)	-	-	-	(0.14)	(0.17)	(0.28)	(0.33)	(0.01)	(0.32)	
US Fund Target-Date 2030	31	29	29	-	-	-	29	36	9	30	43	29	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2035 Instl	4.60	19.14	19.14	-	-	-	8.39	-1.21	7.29	22.87	15.21	-2.19	
Vanguard Retirement 2035 Index	4.81	19.24	19.24	8.61	11.18	6.33	8.55	-1.02	7.57	23.27	15.23	-1.86	
+/- Index	(0.21)	(0.11)	(0.11)	-	-	-	(0.16)	(0.19)	(0.28)	(0.40)	(0.02)	(0.33)	
US Fund Target-Date 2035	37	32	32	-	-	-	27	37	10	23	40	19	

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

Fourth Quarter 2017

	<i>Annualized</i>												
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2040 Instl	4.99	20.73	20.73	-	-	-	8.81	-1.52	7.22	24.44	15.63	-2.48	
Vanguard Retirement 2040 Index	5.22	20.87	20.87	9.16	11.80	6.65	8.98	-1.25	7.61	24.79	15.58	-2.11	
+/- Index	(0.23)	(0.13)	(0.13)	-	-	-	(0.17)	(0.27)	(0.39)	(0.35)	0.05	(0.37)	
US Fund Target-Date 2040	33	23	23	-	-	-	23	51	15	20	37	26	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2045 Instl	5.24	21.47	21.47	-	-	-	8.94	-1.51	7.22	24.43	15.64	-2.45	
Vanguard Retirement 2045 Index	5.42	21.54	21.54	9.41	11.95	6.72	9.13	-1.25	7.61	24.79	15.58	-2.11	
+/- Index	(0.18)	(0.07)	(0.07)	-	-	-	(0.18)	(0.26)	(0.39)	(0.36)	0.06	(0.34)	
US Fund Target-Date 2045	25	23	23	-	-	-	26	42	12	26	43	14	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2050 Instl	5.20	21.47	21.47	-	-	-	8.95	-1.51	7.25	24.41	15.65	-2.47	
Vanguard Retirement 2050 Index	5.42	21.54	21.54	9.41	11.95	6.72	9.13	-1.25	7.61	24.79	15.58	-2.11	
+/- Index	(0.22)	(0.07)	(0.07)	-	-	-	(0.18)	(0.25)	(0.36)	(0.38)	0.08	(0.36)	
US Fund Target-Date 2050	36	33	33	-	-	-	28	51	19	32	42	18	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2055 Instl	5.17	21.47	21.47	-	-	-	8.94	-1.66	7.25	24.39	15.64	-2.20	
Vanguard Retirement 2055 Index	5.42	21.54	21.54	9.41	11.95	-	9.13	-1.25	7.61	24.79	15.58	-2.11	
+/- Index	(0.25)	(0.06)	(0.06)	-	-	-	(0.18)	(0.41)	(0.36)	(0.40)	0.06	(0.09)	
US Fund Target-Date 2055	38	43	43	-	-	-	27	53	16	36	48	2	
	QTR	YTD	1Yr	3Yr	5Yr	10Yr	2016	2015	2014	2013	2012	2011	
Vanguard Instl Target Retirement 2060 Instl	5.16	21.42	21.42	-	-	-	8.94	-1.61	7.23	24.42	-	-	
Vanguard Retirement 2060 Index	5.42	21.54	21.54	9.41	11.95	-	9.13	-1.25	7.61	24.79	15.58	-	
+/- Index	(0.26)	(0.12)	(0.12)	-	-	-	(0.18)	(0.36)	(0.38)	(0.37)	-	-	
US Fund Target-Date 2060+	50	48	48	-	-	-	20	73	10	50	-	-	

EAST BAY MUD

457, 401(a), and 401(k) Retirement Plans

PERFORMANCE REVIEW

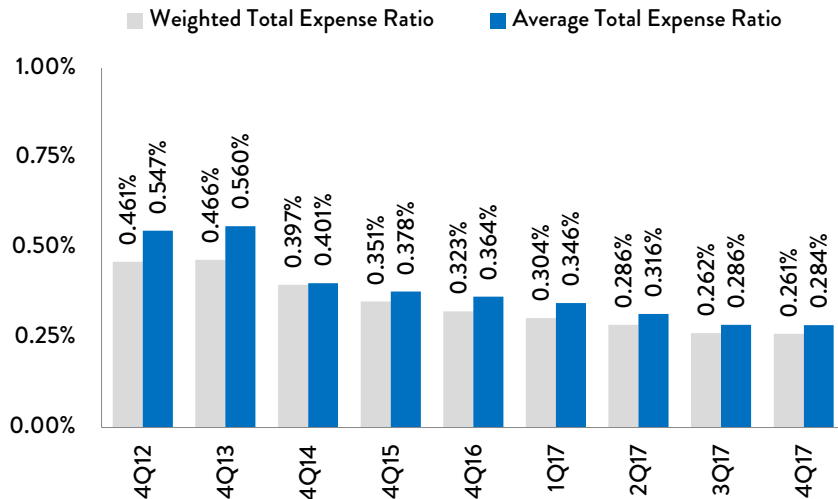
Fourth Quarter 2017

	QTR	YTD	1Yr	<i>Annualized</i>			2016	2015	2014	2013	2012	2011
Vanguard Instl Target Retirement 2065 Instl	5.23	-	-	-	-	-	-	-	-	-	-	-
Vanguard Retirement 2065 Index	5.42	-	-	-	-	-	-	-	-	-	-	-
+/- Index	(0.19)	-	-	-	-	-	-	-	-	-	-	-
US Fund Target-Date 2060+	39	-	-	-	-	-	-	-	-	-	-	-

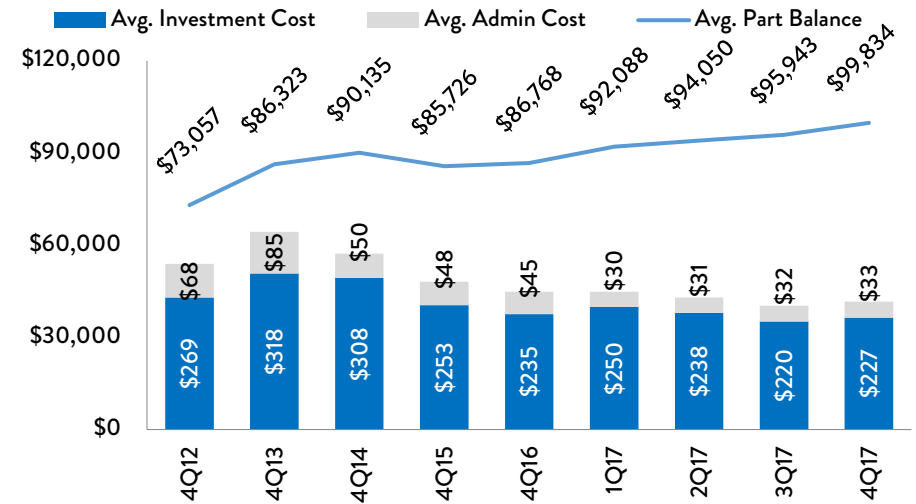
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Section 6

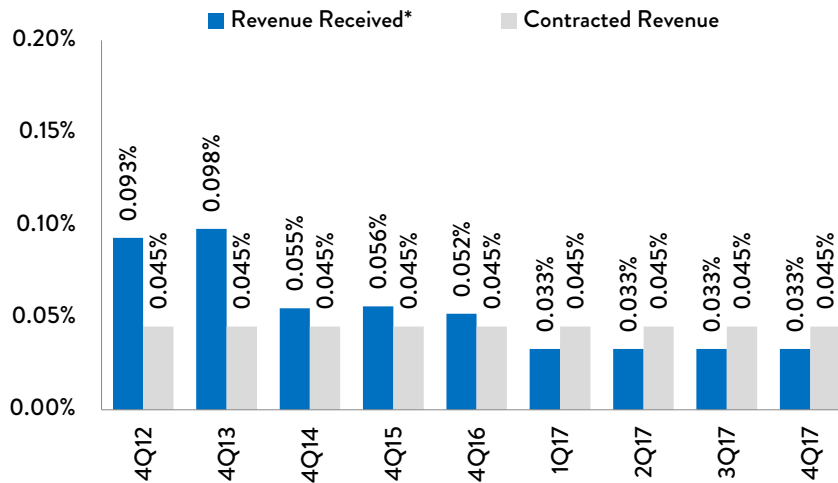
Annualized Plan Cost (%)



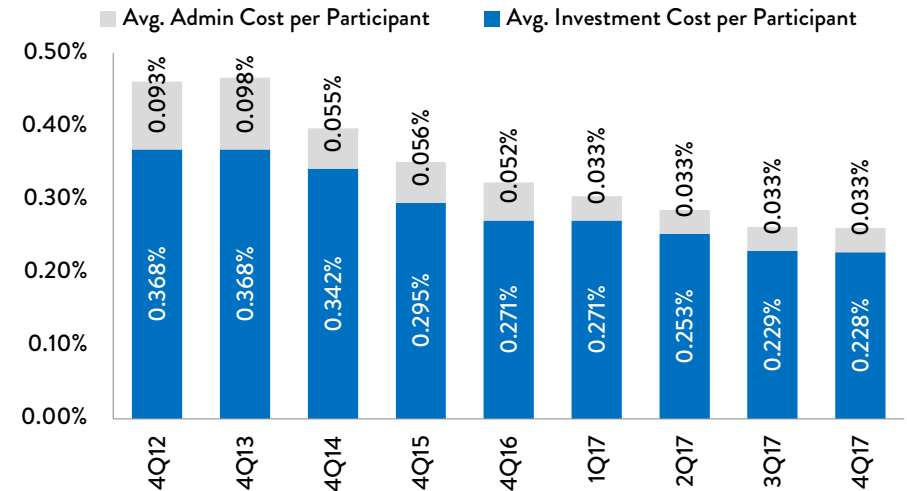
Average Participant Balance and Cost (\$)



Annualized Contracted Revenue v. Revenue Received (as a % of total assets)



Annualized Investment Cost Summary (as a % of total assets)



*As of 1Q15 East Bay MUD changed to the quarterly model

EAST BAY MUD

457 Retirement Plan

PLAN FEE ANALYSIS

Fourth Quarter 2017

Annualized

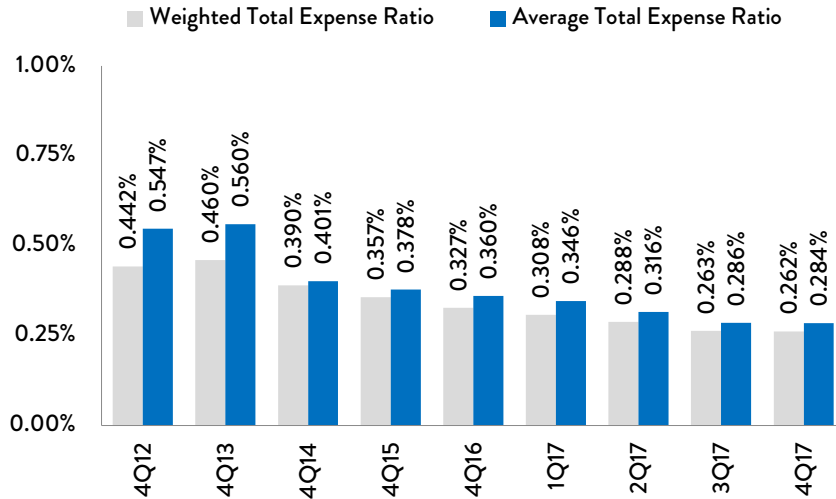
Fund	Ticker	Quarter End Assets	Expense Ratio	Admin Fee	Est. Total Invest. Cost	Est. Total Admin. Cost
T. Rowe Price Stable Value A	-	\$9,259,809	0.30%	0.033%	\$27,779	\$3,056
Carillon Reams Core Plus Bond Instl*	SCPZX	\$3,820,784	0.30%	0.033%	\$11,462	\$1,261
Vanguard Total Bond Market Index Adm	VBTLX	\$1,031,915	0.05%	0.033%	\$516	\$341
Dodge & Cox Stock*	DODGX	\$8,293,012	0.42%	0.033%	\$34,831	\$2,737
Vanguard Institutional Index Instl	VINIX	\$10,381,703	0.04%	0.033%	\$3,634	\$3,426
Fidelity Blue Chip Growth K*	FBGKX	\$7,310,036	0.39%	0.033%	\$28,509	\$2,412
Hotchkis & Wiley Mid Value I*	HWMIX	\$1,652,100	0.78%	0.033%	\$12,886	\$545
MFS Mid Cap Growth R4*	OTCJX	\$2,305,627	0.81%	0.033%	\$18,676	\$761
Artisan Small Cap Instl	APHSX	\$1,195,720	1.01%	0.033%	\$12,077	\$395
DFA US Targeted Value I	DFFVX	\$2,136,057	0.37%	0.033%	\$7,903	\$705
American Funds EuroPacific Growth R6	RERGX	\$3,785,406	0.50%	0.033%	\$18,927	\$1,249
Vanguard Total Intl Stock Index Adm	VTIAX	\$588,256	0.11%	0.033%	\$647	\$194
Vanguard Wellesley Income Adm	VWIAX	\$3,590,961	0.15%	0.033%	\$5,386	\$1,185
Fidelity Balanced K*	FBAKX	\$5,354,316	0.26%	0.033%	\$13,921	\$1,767
Vanguard Instl Target Retirement Income Instl	VITRX	\$3,240,900	0.09%	0.033%	\$2,917	\$1,069
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$3,382,480	0.09%	0.033%	\$3,044	\$1,116
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$6,105,511	0.09%	0.033%	\$5,495	\$2,015
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$3,712,295	0.09%	0.033%	\$3,341	\$1,225
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$3,289,847	0.09%	0.033%	\$2,961	\$1,086
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$1,209,884	0.09%	0.033%	\$1,089	\$399
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$2,182,479	0.09%	0.033%	\$1,964	\$720
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$1,161,636	0.09%	0.033%	\$1,045	\$383
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$655,769	0.09%	0.033%	\$590	\$216
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$275,138	0.09%	0.033%	\$248	\$91
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$70,150	0.09%	0.033%	\$63	\$23
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$0	0.09%	0.033%	\$0	\$0
Brokerage Assets	-	\$10,454,616	-	0.033%	-	\$3,450
Fidelity Government Money Market Fund*	SPAXX	\$2,388,805	0.22%	0.033%	\$5,255	\$788
TOTAL		\$98,835,211			\$225,168	\$32,616

Plan Administration Cost	Quarter	Annualized
Plan Generated Revenue (est):	\$8,154	\$32,616
Contracted Revenue (0.045%/year) (est):	\$11,119	\$44,476
Net Excess/(Deficit) (est):	(\$2,965)	(\$11,860)

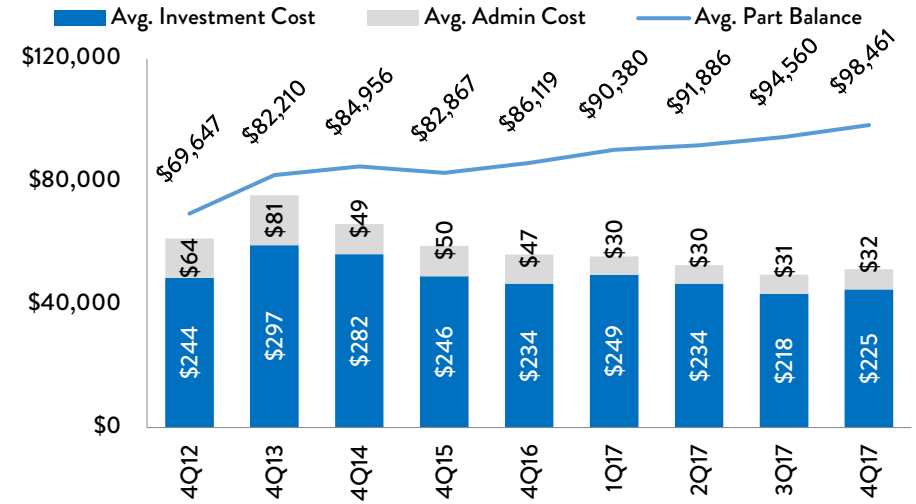
*Revenue derived from fund credited to participants accounts in which they are held. For fee reporting purposes, the credit has been used to offset the reported fund expense ratio.

Section 7

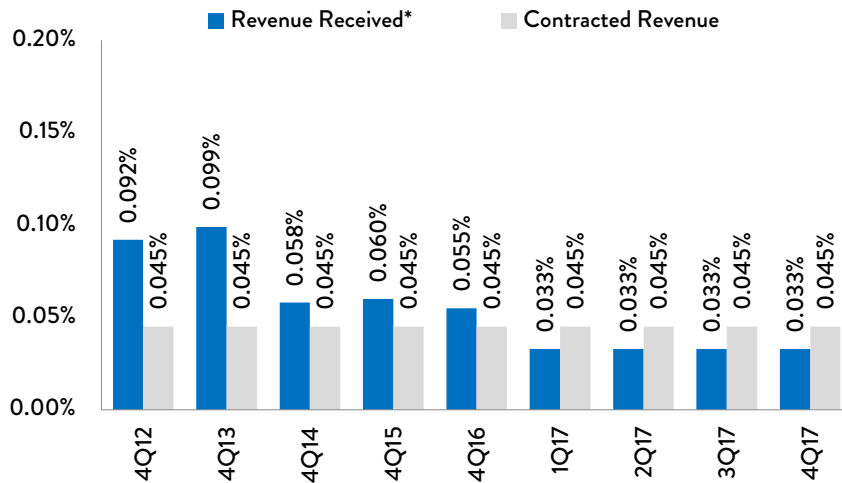
Annualized Plan Cost (%)



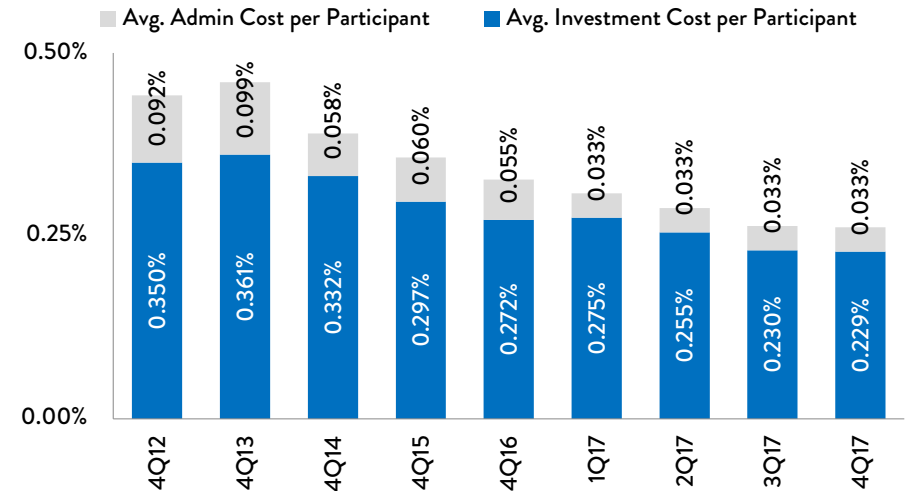
Average Participant Balance and Cost (\$)



Annualized Contracted Revenue v. Revenue Received (as a % of total assets)



Annualized Investment Cost Summary (as a % of total assets)



*As of 1Q15 East Bay MUD changed to the quarterly model.

EAST BAY MUD
401(a) Retirement Plan

PLAN FEE ANALYSIS
Fourth Quarter 2017

Annualized

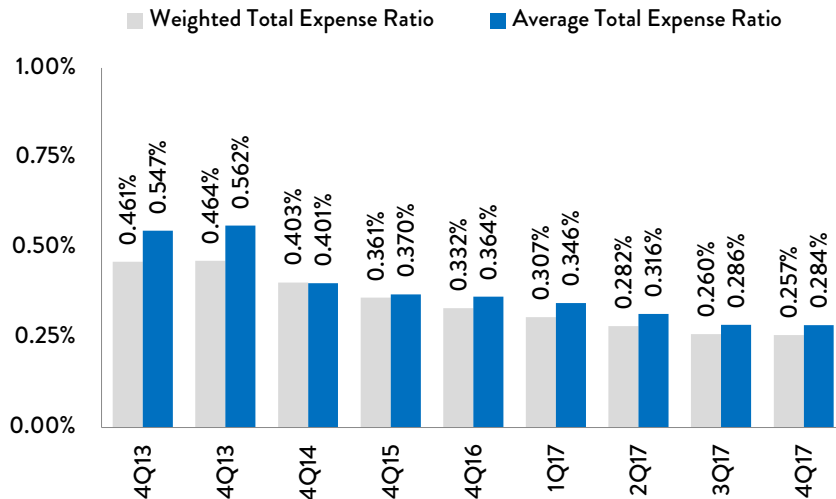
Fund	Ticker	Quarter End Assets	Expense Ratio	Admin Fee	Est. Total Invest. Cost	Est. Total Admin. Cost
T. Rowe Price Stable Value A	-	\$2,372,826	0.30%	0.033%	\$7,118	\$783
Carillon Reams Core Plus Bond Instl*	SCPZX	\$2,265,204	0.30%	0.033%	\$6,796	\$748
Vanguard Total Bond Market Index Adm	VBTLX	\$604,478	0.05%	0.033%	\$302	\$199
Dodge & Cox Stock*	DODGX	\$3,542,936	0.42%	0.033%	\$14,880	\$1,169
Vanguard Institutional Index Instl	VINIX	\$7,475,659	0.04%	0.033%	\$2,616	\$2,467
Fidelity Blue Chip Growth K*	FBGKX	\$4,835,723	0.39%	0.033%	\$18,859	\$1,596
Hotchkis & Wiley Mid Value I*	HWMIX	\$889,616	0.78%	0.033%	\$6,939	\$294
MFS Mid Cap Growth R4*	OTCJX	\$1,198,137	0.81%	0.033%	\$9,705	\$395
Artisan Small Cap Instl	APHSX	\$586,134	1.01%	0.033%	\$5,920	\$193
DFA US Targeted Value I	DFFVX	\$1,254,319	0.37%	0.033%	\$4,641	\$414
American Funds EuroPacific Growth R6	RERGX	\$2,501,762	0.50%	0.033%	\$12,509	\$826
Vanguard Total Intl Stock Index Adm	VTIAX	\$323,915	0.11%	0.033%	\$356	\$107
Vanguard Wellesley Income Adm	VWIAX	\$1,144,129	0.15%	0.033%	\$1,716	\$378
Fidelity Balanced K*	FBAKX	\$1,741,123	0.26%	0.033%	\$4,527	\$575
Vanguard Instl Target Retirement Income Instl	VITRX	\$927,217	0.09%	0.033%	\$834	\$306
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$1,220,141	0.09%	0.033%	\$1,098	\$403
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$1,658,329	0.09%	0.033%	\$1,492	\$547
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$2,334,248	0.09%	0.033%	\$2,101	\$770
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$1,081,377	0.09%	0.033%	\$973	\$357
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$1,553,014	0.09%	0.033%	\$1,398	\$512
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$1,365,939	0.09%	0.033%	\$1,229	\$451
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$490,737	0.09%	0.033%	\$442	\$162
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$229,491	0.09%	0.033%	\$207	\$76
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$95,296	0.09%	0.033%	\$86	\$31
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$9,861	0.09%	0.033%	\$9	\$3
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$0	0.09%	0.033%	\$0	\$0
Brokerage Assets	-	\$4,965,579	-	0.033%	-	\$1,639
Fidelity Government Money Market Fund*	SPAXX	\$889,694	0.22%	0.033%	\$1,957	\$294
TOTAL		\$47,556,884			\$108,712	\$15,694

Plan Administration Cost	Quarter	Annualized
Plan Generated Revenue (est):	\$3,923	\$15,694
Contracted Revenue (0.045%/year) (est):	\$5,350	\$21,401
Net Excess/(Deficit) (est):	(\$1,427)	(\$5,707)

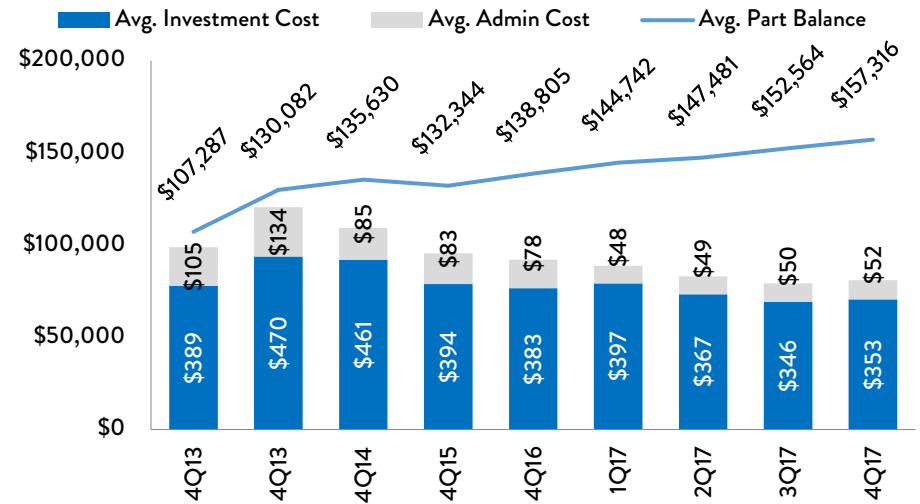
*Revenue derived from fund credited to participants accounts in which they are held. For fee reporting purposes, the credit has been used to offset the reported fund expense ratio.

Section 8

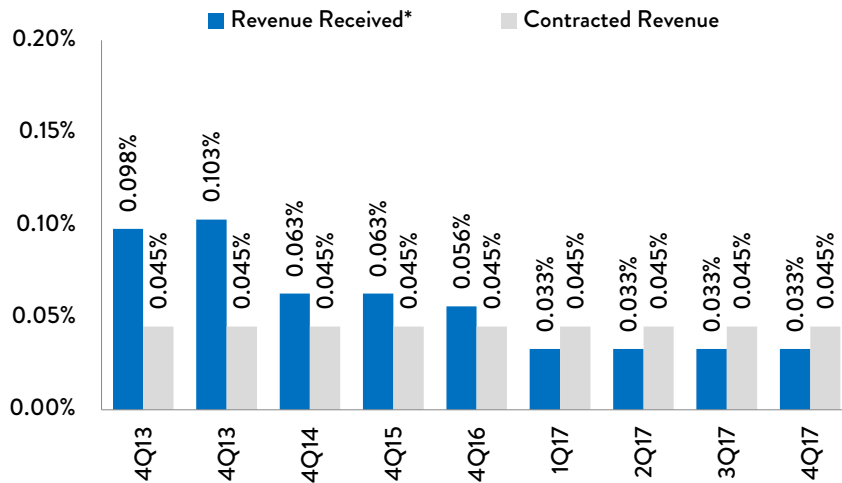
Annualized Plan Cost (%)



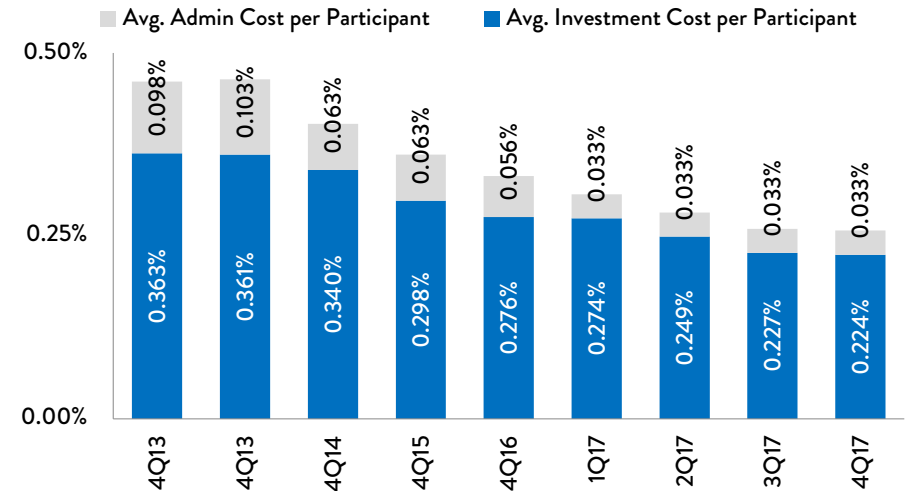
Average Participant Balance and Cost (\$)



Annualized Contracted Revenue v. Revenue Received (as a % of total assets)



Annualized Investment Cost Summary (as a % of total assets)



*As of 1Q15 East Bay MUD changed to the quarterly model.

EAST BAY MUD
401(k) Retirement Plan

PLAN FEE ANALYSIS
Fourth Quarter 2017

Annualized

Fund	Ticker	Quarter End Assets	Expense Ratio	Admin Fee	Est. Total Invest. Cost	Est. Total Admin. Cost
T. Rowe Price Stable Value A	-	\$19,432,480	0.30%	0.033%	\$58,297	\$6,413
Carillon Reams Core Plus Bond Instl*	SCPZX	\$11,411,224	0.30%	0.033%	\$34,234	\$3,766
Vanguard Total Bond Market Index Adm	VBTLX	\$2,362,524	0.05%	0.033%	\$1,181	\$780
Dodge & Cox Stock*	DODGX	\$21,553,808	0.42%	0.033%	\$90,526	\$7,113
Vanguard Institutional Index Instl	VINIX	\$43,390,649	0.04%	0.033%	\$15,187	\$14,319
Fidelity Blue Chip Growth K*	FBGKX	\$31,209,168	0.39%	0.033%	\$121,716	\$10,299
Hotchkis & Wiley Mid Value I*	HWMIX	\$5,464,709	0.78%	0.033%	\$42,625	\$1,803
MFS Mid Cap Growth R4*	OTCJX	\$5,547,671	0.81%	0.033%	\$44,936	\$1,831
Artisan Small Cap Instl	APHSX	\$3,060,312	1.01%	0.033%	\$30,909	\$1,010
DFA US Targeted Value I	DFFVX	\$7,299,280	0.37%	0.033%	\$27,007	\$2,409
American Funds EuroPacific Growth R6	RERGX	\$11,810,729	0.50%	0.033%	\$59,054	\$3,898
Vanguard Total Intl Stock Index Adm	VTIAX	\$1,532,597	0.11%	0.033%	\$1,686	\$506
Vanguard Wellesley Income Adm	VWIAX	\$7,087,262	0.15%	0.033%	\$10,631	\$2,339
Fidelity Balanced K*	FBAKX	\$13,491,318	0.26%	0.033%	\$35,077	\$4,452
Vanguard Instl Target Retirement Income Instl	VITRX	\$4,444,756	0.09%	0.033%	\$4,000	\$1,467
Vanguard Instl Target Retirement 2015 Instl	VITVX	\$8,796,496	0.09%	0.033%	\$7,917	\$2,903
Vanguard Instl Target Retirement 2020 Instl	VITWX	\$22,466,773	0.09%	0.033%	\$20,220	\$7,414
Vanguard Instl Target Retirement 2025 Instl	VRIVX	\$11,427,994	0.09%	0.033%	\$10,285	\$3,771
Vanguard Instl Target Retirement 2030 Instl	VTTWX	\$9,925,275	0.09%	0.033%	\$8,933	\$3,275
Vanguard Instl Target Retirement 2035 Instl	VITFX	\$4,324,028	0.09%	0.033%	\$3,892	\$1,427
Vanguard Instl Target Retirement 2040 Instl	VIRSX	\$6,493,073	0.09%	0.033%	\$5,844	\$2,143
Vanguard Instl Target Retirement 2045 Instl	VITLX	\$2,540,323	0.09%	0.033%	\$2,286	\$838
Vanguard Instl Target Retirement 2050 Instl	VTRLX	\$2,505,410	0.09%	0.033%	\$2,255	\$827
Vanguard Instl Target Retirement 2055 Instl	VIVLX	\$626,863	0.09%	0.033%	\$564	\$207
Vanguard Instl Target Retirement 2060 Instl	VILVX	\$192,454	0.09%	0.033%	\$173	\$64
Vanguard Instl Target Retirement 2065 Instl	VSXFX	\$0	0.09%	0.033%	\$0	\$0
Brokerage Assets	-	\$26,606,978	-	0.033%	-	\$8,780
Fidelity Government Money Market Fund*	SPAXX	\$4,613,902	0.22%	0.033%	\$10,151	\$1,523
TOTAL		\$289,618,054			\$649,586	\$95,574

Plan Administration Cost	Quarter	Annualized
Plan Generated Revenue (est):	\$23,893	\$95,574
Contracted Revenue (0.045%/year) (est):	\$32,582	\$130,328
Net Excess/(Deficit) (est):	(\$8,689)	(\$34,754)

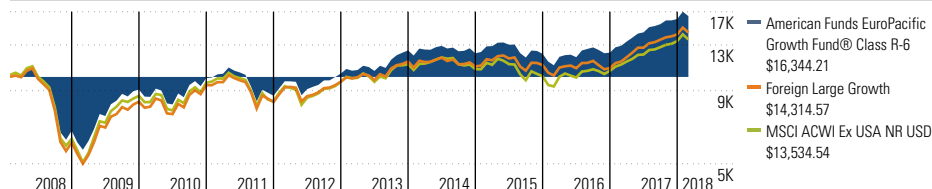
*Revenue derived from fund credited to participants accounts in which they are held. For fee reporting purposes, the credit has been used to offset the reported fund expense ratio.

Section 9

American Funds EuroPacific Growth Fund® Class R-6 RERGX

Morningstar Analyst Rating
Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
57.48	↓-0.15 -0.26	1.08	168	Open	\$250	None	0.50%	★★★★	Foreign Large Growth	Large Growth Growth

Growth of 10,000 02-21-2008 - 02-21-2018

Investment Strategy

The investment seeks long-term growth of capital. The fund invests primarily in common stocks of issuers in Europe and the Pacific Basin that the investment adviser believes have the potential for growth. Growth stocks are stocks that the investment adviser believes have the potential for above-average capital appreciation. It normally will invest at least 80% of its net assets in securities of issuers in Europe and the Pacific Basin. The fund may invest a portion of its assets in common stocks and other securities of companies in emerging markets.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,239	9,716	12,647	12,836	15,610	16,337
Fund	2.39	-2.84	26.47	8.68	9.32	5.03
+/- MSCI ACWI Ex USA NR USD	1.10	0.81	4.58	1.85	2.68	2.13
+/- Category	0.85	0.75	1.28	1.05	0.94	1.07
% Rank in Cat	24	21	35	29	24	—
# of Funds in Cat	425	425	402	326	292	208

* Currency is displayed in USD

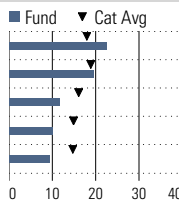
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Samsung Electronics Co Ltd	3.25	— USD	-1.10 ↓	1,885,000.00 - 2,876,000.00
⊕ AIA Group Ltd	2.62	63.00 USD	-2.10 ↓	48.05 - 69.15
⊕ British American Tobacco PLC	2.54	— USD	-3.28 ↓	2,879.89 - 17,365.43
⊖ Taiwan Semiconductor Manufacturing Co Ltd	2.04	239.50 USD	-1.24 ↓	183.00 - 266.00
⊖ Alibaba Group Holding Ltd ADR	2.03	188.71 USD	0.09 ↑	101.30 - 206.20
% Assets in Top 5 Holdings	12.47			

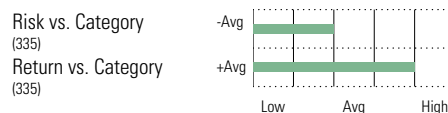
⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 12-31-2017

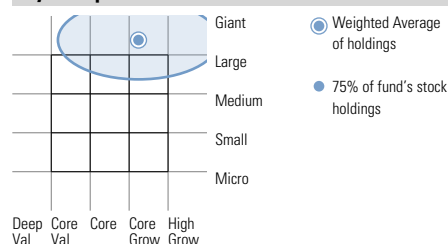
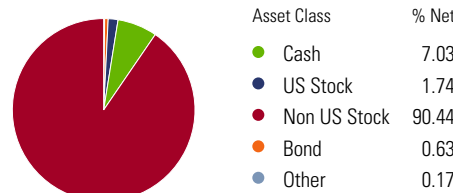
	Fund	3 Yr High	3 Yr Low	Cat Avg
Technology	22.50	22.50	16.40	17.04
Financial Services	19.55	20.32	18.98	17.96
Consumer Cyclical	11.55	12.76	11.19	15.16
Consumer Defensive	9.94	9.94	9.39	13.98
Industrials	9.39	10.58	9.39	13.81


Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-21-2017	55.70	1.1693	0.0000	0.0000	0.5026	1.6719
06-14-2017	51.95	0.9630	0.0000	0.0000	0.1654	1.1284
12-22-2016	44.95	0.0000	0.0000	0.0000	0.7373	0.7373
12-23-2015	45.72	0.5900	0.0000	0.0000	0.9665	1.5565
12-26-2014	47.56	0.0000	0.0000	0.0000	0.8240	0.8240

3 Year Average Morningstar Risk Measures

Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	★★★★ Gold

Style Map

Asset Allocation

Management

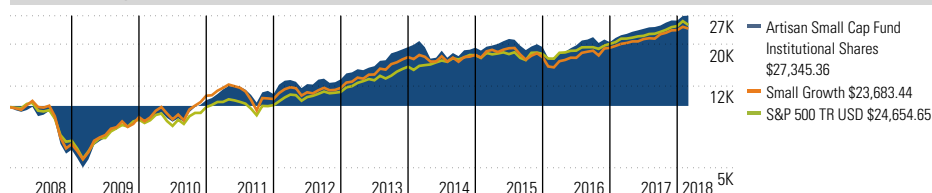
	Start Date
Mark E. Denning	12-31-1991
Carl M. Kawaja	06-01-2001
Nicholas J. Grace	06-01-2002
Sung Lee	06-01-2002
Jesper Lyckeus	06-01-2004
Jonathan Knowles	06-01-2006
Andrew B. Suzman	06-01-2007
Christopher M. Thomsen	06-01-2008
Lawrence Kymisis	06-01-2014

Artisan Small Cap Fund Institutional Shares APHSX

Morningstar Analyst Rating
Silver

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
32.71	↑0.07 0.21	0.00	1.4	Limited	\$1 mil	None	1.01%	★★★	Small Growth	Mid Growth

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks maximum long-term capital growth. The fund invests no less than 80% of its net assets plus any borrowings for investment purposes at market value at the time of purchase in the common stocks of small companies. It defines a small company as one with a market capitalization less than three times the weighted average market capitalization of companies in the Russell 2000® Index.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,565	10,058	12,288	14,003	19,141	27,832
Fund	5.65	0.58	22.88	11.88	13.87	10.78
+/- S&P 500 TR USD	4.35	4.28	6.39	1.01	-0.95	1.20
+/- Category	3.89	3.32	5.97	2.60	0.89	0.81
% Rank in Cat	4	4	16	17	36	—
# of Funds in Cat	718	718	666	590	528	397

* Currency is displayed in USD

Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊖ Teledyne Technologies Inc	3.90	190.52 USD	-0.69 ↓	121.58 - 201.40
⊖ BWX Technologies Inc	3.39	63.49 USD	-0.27 ↓	41.98 - 65.06
⊖ John Bean Technologies Corp	3.38	121.60 USD	1.50 ↑	80.70 - 122.00
⊖ Guidewire Software Inc	3.15	80.96 USD	-0.82 ↓	54.34 - 83.52
⊖ Proofpoint Inc	3.04	105.97 USD	0.81 ↑	70.30 - 107.76
% Assets in Top 5 Holdings	16.85			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

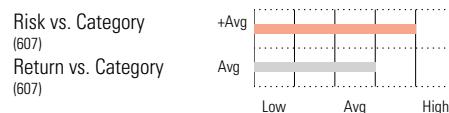
Top Sectors 12-31-2017

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Technology	48.87	48.87	45.32	24.53	■ Fund ▼ Cat Avg
Industrials	14.21	15.13	12.62	17.36	
Consumer Cyclical	10.42	16.03	10.42	12.99	
Healthcare	8.14	18.27	8.14	16.54	
Financial Services	7.91	7.91	0.00	11.14	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
11-21-2017	31.10	4.9660	0.0000	0.0000	0.0000	4.9660
11-17-2016	29.46	0.3289	0.0000	0.0000	0.0000	0.3289
11-19-2015	27.44	2.7134	0.0000	0.0000	0.0000	2.7134

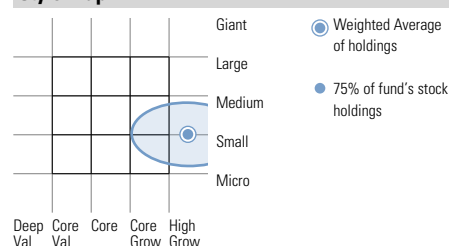
3 Year Average Morningstar Risk Measures



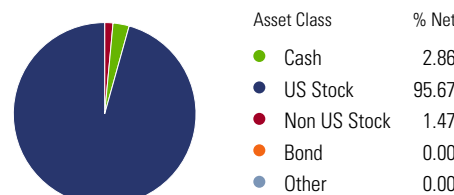
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊖ Neutral
Rating	Silver

Style Map



Asset Allocation



Management

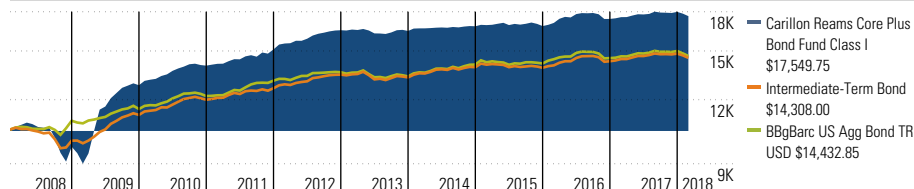
	Start Date
Craig A. Cepukenas	09-27-2004
James D. Hamel	10-01-2009
Matthew H. Kamm	01-13-2010
Jason L. White	01-28-2011

Carillon Reams Core Plus Bond Fund Class I SCPZX

Morningstar Analyst Rating
Silver

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Mil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
31.07	↓-0.10 -0.32	1.64	713.3	Open	\$100,000	None	0.40%	★★★★	Intermediate-Term Bond	

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks a high level of total return consistent with the preservation of capital. Under normal circumstances, the fund invests at least 80% of its net assets in bonds of varying maturities, including mortgage- and asset-backed securities. The bonds in which the fund may invest also include other fixed income instruments such as debt securities, to-be-announced securities and other similar instruments issued by various U.S. and non-U.S. public- or private-sector entities.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,793	9,880	10,090	10,502	10,696	17,398
Fund	-2.07	-1.20	0.90	1.65	1.36	5.69
+/- BBgBarc US Agg Bond TR USD	0.38	0.33	0.32	0.41	-0.36	2.03
+/- Category	-0.01	0.15	-0.03	0.30	-0.34	1.86
% Rank in Cat	40	26	48	32	72	2
# of Funds in Cat	1,023	1,023	965	829	762	540

* Currency is displayed in USD

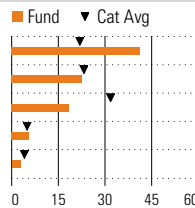
Top Holdings 12-31-2017

	Weight %	Maturity Date	Amount Mil	Value Mil
✱ Euro BUND Future Mar18	-13.79	03-08-2018	0.00	-104.76
US Treasury Note 1.25%	12.18	10-31-2021	95.51	92.52
⊕ US Treasury Note 1.625%	10.75	10-31-2023	84.59	81.65
✱ FNMA	10.11	—	76.93	76.84
✱ US Treasury Note 2.25%	8.31	11-15-2027	64.07	63.15
% Assets in Top 5 Holdings	27.56			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 12-31-2017

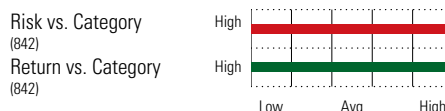
	Fund	BMark	Cat Avg
U.S. Treasury	41.29	—	20.63
Agency MBS Pass-Through	22.62	—	21.96
Corporate Bond	18.44	—	30.52
Agency MBS CMO	5.65	—	3.67
Commercial MBS	2.81	—	2.82



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
02-01-2018	31.34	0.0000	0.0000	0.0000	0.0335	0.0335
12-28-2017	31.73	0.0000	0.0000	0.0000	0.0696	0.0696
12-01-2017	31.71	0.0000	0.0000	0.0000	0.0416	0.0416
10-31-2017	31.74	0.0000	0.0000	0.0000	0.0440	0.0440
09-29-2017	31.81	0.0000	0.0000	0.0000	0.0399	0.0399

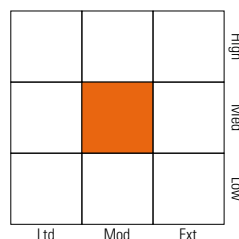
3 Year Average Morningstar Risk Measures



Pillars

Process	+	Positive
Performance	+	Positive
People	+	Positive
Parent	+	Neutral
Price	+	Positive
Rating		Silver

Style Map 06-30-2017



Bond Statistics

	Value
Average Effective Duration	5.30
Average Effective Maturity (Years)	6.90
Average Credit Quality	A
Average Weighted Coupon	2.38
Average Weighted Price	99.28

Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
● Cash	20.50	0.00	20.50	—	-2.65
● US Stock	0.00	0.00	0.00	—	-0.03
● Non US Stock	0.00	0.00	0.00	—	0.00
● Bond	79.50	13.79	93.29	—	102.04
● Other	0.00	0.00	0.00	—	0.64

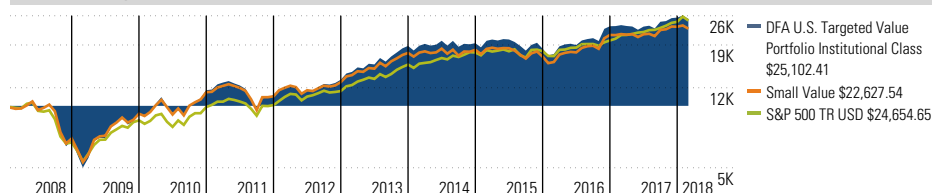
Management

	Start Date
Mark M. Egan	11-25-1996
Thomas M. Fink	12-31-2000
Todd C. Thompson	07-01-2001
Stephen T. Vincent	10-30-2009
Clark W. Holland	10-31-2014

DFA U.S. Targeted Value Portfolio Institutional Class DFFVX

Morningstar Analyst Rating
Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
24.55	↑0.01 0.04	1.12	10.8	Open	—	None	0.37%	★★★★	Small Value	Small Value

Growth of 10,000 02-21-2008 - 02-21-2018

Investment Strategy

The investment seeks long-term capital appreciation. The fund, using a market capitalization weighted approach, purchases a broad and diverse group of the readily marketable securities of U.S. small and midcap companies that the Advisor determines to be value stocks. It may purchase or sell futures contracts and options on futures contracts for U.S. equity securities and indices, to adjust market exposure based on actual or expected cash inflows to or outflows from the fund. The fund does not intend to sell futures contracts to establish short positions in individual securities or to use derivatives for purposes of speculation or leveraging investment returns.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,863	9,403	10,456	12,593	17,587	25,523
Fund	-1.37	-5.97	4.56	7.99	11.95	9.82
+/- S&P 500 TR USD	-2.67	-2.28	-11.92	-2.88	-2.86	0.24
+/- Category	0.72	-0.43	0.81	0.75	1.74	1.15
% Rank in Cat	31	71	43	43	24	26
# of Funds in Cat	415	418	394	343	296	205

* Currency is displayed in USD

Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
HollyFrontier Corp	0.93	44.49 USD	0.14 ↑	23.46 - 53.21
✱ S+p500 Emini Fut Mar18 Xcme 20180316	0.80	—	—	—
⊖ Toll Brothers Inc	0.78	46.80 USD	0.26 ↑	33.42 - 52.73
⊖ PulteGroup Inc	0.76	29.43 USD	0.29 ↑	21.31 - 35.21
Arrow Electronics Inc	0.74	81.79 USD	0.36 ↑	69.67 - 87.26
% Assets in Top 5 Holdings	4.01			

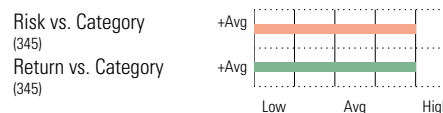
⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 12-31-2017

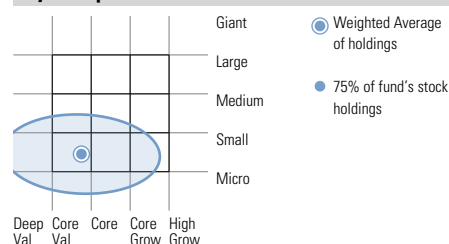
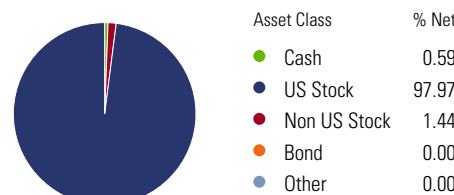
	Fund	3 Yr High	3 Yr Low	Cat Avg
Financial Services	24.09	28.54	24.09	25.92
Industrials	20.57	20.57	19.54	17.25
Consumer Cyclical	16.41	16.41	12.55	13.68
Technology	11.61	13.91	11.61	10.42
Energy	9.88	9.88	6.80	5.54

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-15-2017	24.49	1.0264	0.0641	0.0000	0.1045	1.1950
09-28-2017	24.95	0.0000	0.0000	0.0000	0.0710	0.0710
06-29-2017	23.78	0.0000	0.0000	0.0000	0.0610	0.0610
03-30-2017	23.99	0.0000	0.0000	0.0000	0.0608	0.0608
12-15-2016	24.26	0.7368	0.0422	0.0000	0.0701	0.8491

3 Year Average Morningstar Risk Measures

Pillars

Process	+	Positive
Performance	+	Positive
People	+	Positive
Parent	+	Positive
Price	+	Positive
Rating		Gold

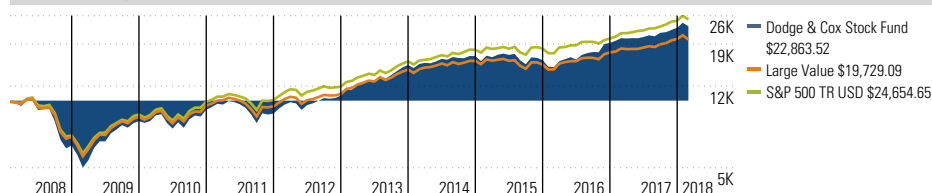
Style Map

Asset Allocation

Management

	Start Date
Joseph H. Chi	02-28-2012
Jed S. Fogdall	02-28-2012
Joel P. Schneider	07-21-2015

Dodge & Cox Stock Fund DODGX

Morningstar Analyst Rating
Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
206.93	↓-0.87 -0.42	1.38	74.8	Open	\$2,500	None	0.52%	★★★★	Large Value	Large Blend

Growth of 10,000 02-21-2008 - 02-21-2018

Investment Strategy

The investment seeks long-term growth of principal and income; a secondary objective is to achieve a reasonable current income. The fund invests primarily in a diversified portfolio of equity securities. It will invest at least 80% of its total assets in equity securities, including common stocks, depository receipts evidencing ownership of common stocks, preferred stocks, securities convertible into common stocks, and securities that carry the right to buy common stocks. The fund may invest up to 20% of its total assets in U.S. dollar-denominated securities of non-U.S. issuers traded in the United States that are not in the S&P 500.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,163	9,581	11,343	13,768	20,342	23,123
Fund	1.63	-4.19	13.43	11.25	15.26	8.74
+/- S&P 500 TR USD	0.32	-0.49	-3.06	0.38	0.45	-0.84
+/- Category	2.21	0.64	3.09	3.49	3.41	1.09
% Rank in Cat	5	21	18	3	1	22
# of Funds in Cat	1,312	1,313	1,226	1,054	942	670

* Currency is displayed in USD

Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊖ Charles Schwab Corp	3.89	52.42 USD	0.21 ↑	37.16 - 56.25
⊖ Capital One Financial Corp	3.76	98.11 USD	0.73 ↑	76.05 - 106.50
⊕ Wells Fargo & Co	3.73	59.97 USD	0.35 ↑	49.27 - 66.31
⊖ Bank of America Corporation	3.68	32.04 USD	0.47 ↑	22.07 - 32.67
⊕ Comcast Corp Class A	3.20	39.34 USD	0.85 ↑	34.78 - 44.00
% Assets in Top 5 Holdings	18.26			

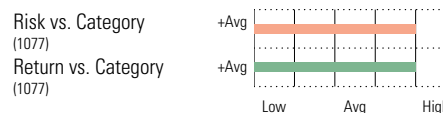
⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 12-31-2017

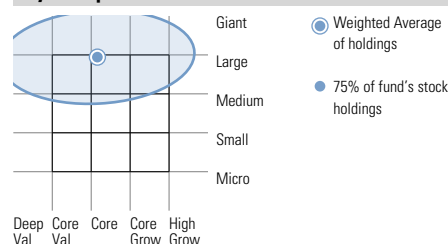
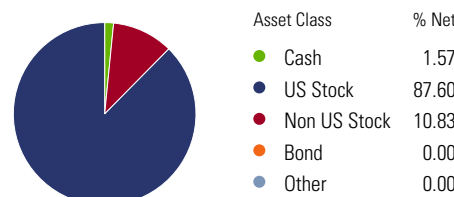
	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	28.47	30.33	26.99	23.24	■ Fund ▼ Cat Avg
Healthcare	22.75	22.75	16.87	13.25	
Technology	19.26	25.07	18.90	11.65	
Energy	7.94	9.45	7.48	10.16	
Communication Services	7.50	8.09	7.50	4.22	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-19-2017	202.77	7.5700	0.3850	0.0000	0.4500	8.4050
09-26-2017	198.55	0.0000	0.0000	0.0000	1.3300	1.3300
06-27-2017	191.25	0.0000	0.0000	0.0000	0.6000	0.6000
03-28-2017	188.88	2.6030	0.1410	0.0000	0.7300	3.4740
12-20-2016	187.44	6.2230	0.1530	0.0000	0.6300	7.0060

3 Year Average Morningstar Risk Measures

Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	★★★★ Gold

Style Map

Asset Allocation

Management

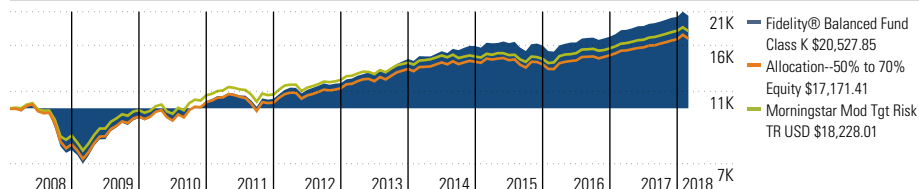
	Start Date
C. Bryan Cameron	01-01-1992
Charles F. Pohl	01-01-1992
Wendell W. Birkhofer	01-01-2002
David C. Hoeft	01-01-2002
Diana S. Strandberg	01-01-2005
Steven C. Voorhis	05-01-2006
Philippe Barret	02-28-2013
Kathleen G. McCarthy	01-31-2016

Fidelity® Balanced Fund Class K FBAKX

Morningstar Analyst Rating
Bronze

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.94	↓-0.09 -0.38	1.50	33.8	Open	—	None	0.46%	★★★★★	Allocation--50% to 70% Equity	Large Growth

Growth of 10,000 02-21-2008 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,088	9,736	11,180	12,349	16,396	20,627
Fund	0.88	-2.64	11.80	7.29	10.40	7.51
+/- Morningstar Mod Tgt Risk TR USD	1.15	0.14	1.56	1.12	3.06	1.32
+/- Category	1.21	0.41	2.90	2.23	2.97	1.40
% Rank in Cat	10	25	15	7	4	—
# of Funds in Cat	782	784	741	655	609	436

* Currency is displayed in USD

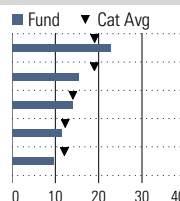
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
✳ Fidelity Cent Invnt Portfolios	2.18	—	—	—
Alphabet Inc C	1.91	— USD	0.33 ↑	803.37 - 1,186.89
⊖ Amazon.com Inc	1.55	— USD	0.47 ↑	833.50 - 1,503.49
⊕ Bank of America Corporation	1.54	32.05 USD	0.50 ↑	22.07 - 32.67
⊕ Autodesk Inc	1.35	113.76 USD	1.26 ↑	81.75 - 131.10
% Assets in Top 5 Holdings	8.52			

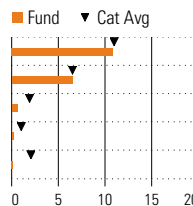
⊕ Increase ⊖ Decrease ✳ New to Portfolio

Top Sectors 12-31-2017

	Fund	3 Yr High	3 Yr Low	Cat Avg
Technology	22.67	22.67	17.98	18.15
Financial Services	15.39	15.39	13.92	18.10
Healthcare	14.07	16.51	13.89	13.13
Consumer Cyclical	11.50	15.06	11.50	11.35
Industrials	9.48	9.50	8.97	11.18



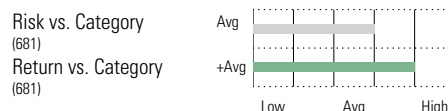
	Fund	BMark	Cat Avg
Government	10.85	13.81	10.55
Agency Mortgage-Backed	6.53	13.92	6.09
Government-Related	0.63	1.15	1.49
Commercial MBS	0.18	0.00	0.59
Asset-Backed	0.18	0.00	1.64



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-08-2017	23.57	0.2400	0.1070	0.0000	0.0990	0.4460
10-13-2017	23.59	0.9580	0.1950	0.0000	0.1020	1.2550
07-07-2017	23.68	0.0000	0.0000	0.0000	0.0970	0.0970
04-07-2017	23.13	0.0000	0.0000	0.0000	0.0960	0.0960
12-09-2016	22.17	0.1080	0.0120	0.0000	0.0980	0.2180

3 Year Average Morningstar Risk Measures



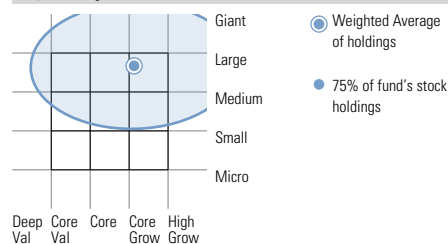
Pillars

Process	Neutral
Performance	Neutral
People	Positive
Parent	Positive
Price	Positive
Rating	Bronze

Investment Strategy

The investment seeks income and capital growth consistent with reasonable risk. The fund invests approximately 60% of assets in stocks and other equity securities and the remainder in bonds and other debt securities, including lower-quality debt securities (those of less than investment-grade quality, also referred to as high yield debt securities or junk bonds), when its outlook is neutral. It invests at least 25% of total assets in fixed-income senior securities (including debt securities and preferred stock).

Style Map




Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	4.34	0.00	4.34	0.97	4.84
US Stock	61.97	0.00	61.97	38.87	45.54
Non US Stock	3.86	0.00	3.86	22.79	14.44
Bond	25.40	0.00	25.40	37.26	33.30
Other	4.44	0.00	4.44	0.11	1.88

Fidelity® Balanced Fund Class K FBAKX

Morningstar Analyst Rating
 Bronze

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.94	↓-0.09 -0.38	1.50	33.8	Open	—	None	0.46%	★★★★★	Allocation--50% to 70% Equity	 Large Growth

Management

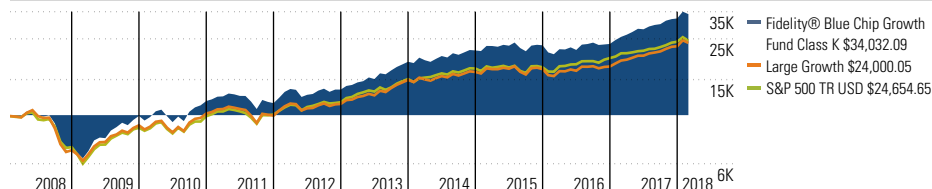
	Start Date
Steven Kaye	09-30-2008
Robert Lee	09-30-2008
Douglas Simmons	09-30-2008
Pierre Sorel	09-30-2008
Robert E. Stansky	09-30-2008
Brian Lempel	04-25-2013
Jonathan Kasen	07-16-2013
Ford E. O'Neil	07-31-2015
John Mirshekari	10-31-2016
Nicola Stafford	08-03-2017
Richard Malnight	11-17-2017

Fidelity® Blue Chip Growth Fund Class K FBGKX

Morningstar Analyst Rating
Bronze

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
92.59	↓-0.23 -0.25	0.16	25.3	Open	—	None	0.59%	★★★★★	Large Growth	Large Growth

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks growth of capital over the long term. The fund invests primarily in common stocks of well-known and established companies. It normally invests at least 80% of assets in blue chip companies. The fund invests in companies that Fidelity Management & Research Company (FMR) believes have above-average growth potential (stocks of these companies are often called "growth" stocks). It invests in securities of domestic and foreign issuers. The fund uses fundamental analysis of factors such as each issuer's financial condition and industry position, as well as market and economic conditions, to select investments.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,538	9,845	13,044	14,729	23,813	34,396
Fund	5.38	-1.55	30.44	13.78	18.95	13.15
+/- S&P 500 TR USD	4.08	2.14	13.95	2.91	4.13	3.57
+/- Category	1.25	0.59	7.20	2.94	3.78	3.27
% Rank in Cat	30	33	12	14	7	—
# of Funds in Cat	1,418	1,418	1,344	1,184	1,084	769

* Currency is displayed in USD

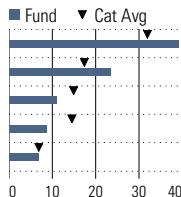
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
Apple Inc	7.09	173.28 USD	1.30 ↑	135.28 - 180.10
Alphabet Inc A	6.42	— USD	0.27 ↑	824.30 - 1,198.00
Amazon.com Inc	5.85	— USD	0.47 ↑	833.50 - 1,503.49
Facebook Inc A	4.20	178.33 USD	0.21 ↑	133.46 - 195.32
NVIDIA Corp	2.60	242.50 USD	0.38 ↑	95.17 - 251.97
% Assets in Top 5 Holdings	26.16			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 12-31-2017

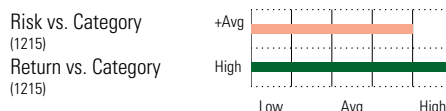
	Fund	3 Yr High	3 Yr Low	Cat Avg
Technology	39.05	39.05	31.81	31.02
Consumer Cyclical	23.39	25.65	23.39	16.46
Healthcare	10.99	18.24	10.99	13.99
Financial Services	8.58	8.58	6.33	13.59
Consumer Defensive	6.80	10.91	6.80	5.95



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-08-2017	87.23	1.9950	0.0000	0.0000	0.0630	2.0580
09-15-2017	84.09	1.6880	0.0000	0.0000	0.0970	1.7850
12-09-2016	68.26	1.6570	0.0460	0.0000	0.0940	1.7970
09-16-2016	69.18	0.8730	0.0000	0.0000	0.1730	1.0460
12-11-2015	67.71	0.1870	0.0000	0.0000	0.0000	0.1870

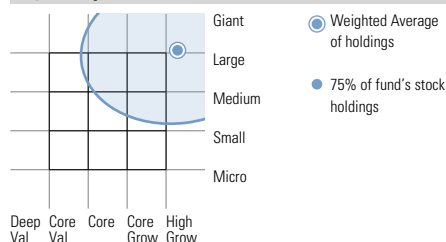
3 Year Average Morningstar Risk Measures



Pillars

Process	Neutral
Performance	Positive
People	Positive
Parent	Positive
Price	Positive
Rating	Bronze

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	0.08	0.02	0.10	0.00	1.42
US Stock	85.29	0.00	85.29	98.89	92.81
Non US Stock	12.40	0.00	12.40	1.11	5.50
Bond	0.00	0.00	0.00	0.00	0.15
Other	2.23	0.00	2.23	0.00	0.13

Management

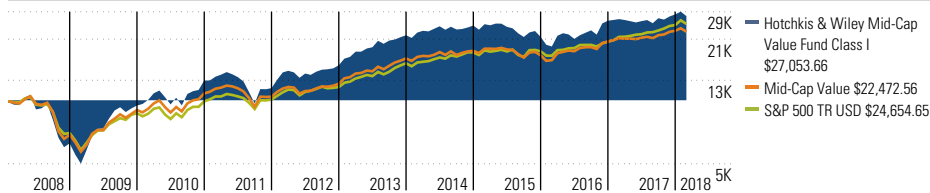
Sonu Kalra	Start Date 07-01-2009
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Hotchkis & Wiley Mid-Cap Value Fund Class I HWMIX

Morningstar Analyst Rating
Bronze

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
36.84	↓ -0.27 -0.73	0.37	1.8	Open	\$250,000	None	1.03%	★★	Mid-Cap Value	Mid Value

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks capital appreciation. The fund normally invests at least 80% of its net assets plus borrowings for investment purposes in equity securities of mid-capitalization companies. Hotchkis & Wiley Capital Management, LLC (the "Advisor") currently considers mid-cap companies to be those with market capitalizations like those found in the Russell Midcap® Index.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,803	9,261	10,079	11,014	16,397	27,521
Fund	-1.97	-7.39	0.79	3.27	10.40	10.65
+/- S&P 500 TR USD	-3.28	-3.69	-15.69	-7.59	-4.42	1.07
+/- Category	-0.85	-2.64	-6.07	-3.52	-1.03	2.03
% Rank in Cat	68	99	94	91	81	8
# of Funds in Cat	425	425	395	354	302	216

* Currency is displayed in USD

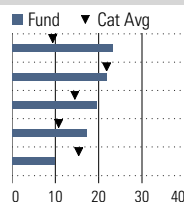
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
Hewlett Packard Enterprise Co	5.03	16.57 USD	2.03 ↑	12.71 - 17.07
Popular Inc	4.93	42.44 USD	-0.73 ↓	32.04 - 46.83
Whiting Petroleum Corp	3.93	28.40 USD	25.94 ↑	15.88 - 47.00
ARRIS International PLC	3.73	24.71 USD	0.12 ↑	22.60 - 30.79
LM Ericsson Telephone Co ADR Class B	3.71	6.67 USD	0.00 ↓	5.52 - 7.47
% Assets in Top 5 Holdings	21.32			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 12-31-2017

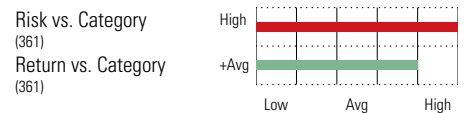
	Fund	3 Yr High	3 Yr Low	Cat Avg
Energy	23.22	23.22	16.40	8.49
Financial Services	21.75	28.61	21.75	20.92
Consumer Cyclical	19.59	19.59	14.94	13.59
Technology	17.21	20.61	17.21	9.84
Industrials	9.91	9.91	7.34	14.47



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-14-2017	36.19	2.3646	0.0084	0.0000	0.1519	2.5248
12-09-2016	38.00	0.2942	0.1638	0.0000	0.1145	0.5725
12-11-2015	30.93	3.7290	0.7045	0.0000	0.1552	4.5887
12-12-2014	38.90	3.5981	0.3744	0.0000	0.2666	4.2391
12-13-2013	38.99	0.0000	0.0000	0.0000	0.1255	0.1255

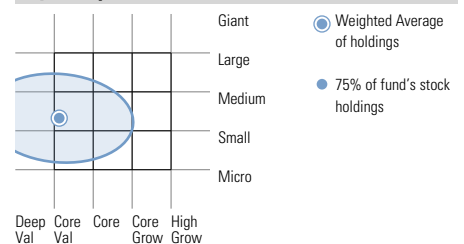
3 Year Average Morningstar Risk Measures



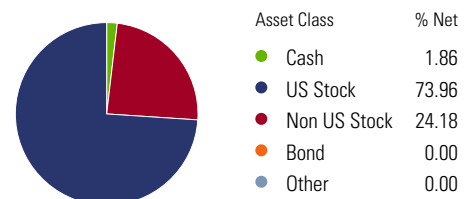
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊖ Negative
Rating	Bronze

Style Map



Asset Allocation



Management

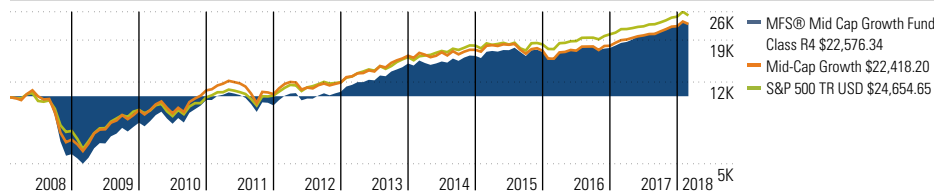
	Start Date
Stanley Majcher	12-31-1997
James B. Miles	01-02-1997
George H. Davis	12-31-1997

MFS® Mid Cap Growth Fund Class R4 OTCJX

Morningstar Analyst Rating
Bronze

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
17.21	↓-0.05 -0.29	0.00	2.7	Open	—	None	0.96%	★★★★	Mid-Cap Growth	Mid Growth

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks capital appreciation. The fund invests at least 80% of the fund's net assets in issuers with medium market capitalizations. MFS generally defines medium market capitalization issuers as issuers with market capitalizations similar to those of issuers included in the Russell Midcap® Growth Index over the last 13 months at the time of purchase.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,424	9,834	12,363	13,730	20,243	22,909
Fund	4.24	-1.66	23.63	11.15	15.15	8.64
+/- S&P 500 TR USD	2.93	2.04	7.14	0.28	0.33	-0.94
+/- Category	1.78	1.33	5.23	2.53	2.07	-0.43
% Rank in Cat	14	19	16	16	16	62
# of Funds in Cat	619	620	599	542	472	347

* Currency is displayed in USD

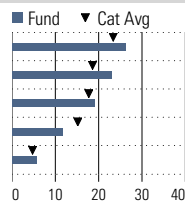
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Bright Horizons Family Solutions Inc	2.97	96.82 USD	0.17 ↑	68.11 - 98.84
⊕ PerkinElmer Inc	2.37	76.34 USD	0.13 ↑	53.97 - 84.49
⊕ AMETEK Inc	2.25	77.01 USD	0.83 ↑	52.42 - 78.51
⊖ NVIDIA Corp	2.00	242.50 USD	0.38 ↑	95.17 - 251.97
⊖ SBA Communications Corp	1.96	173.03 USD	2.10 ↑	110.16 - 177.67
% Assets in Top 5 Holdings	11.55			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 12-31-2017

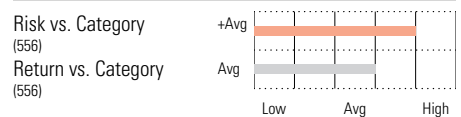
	Fund	3 Yr High	3 Yr Low	Cat Avg
Technology	26.09	26.09	14.07	22.43
Industrials	23.01	23.01	19.15	17.67
Consumer Cyclical	19.04	24.22	19.04	16.80
Healthcare	11.76	14.32	11.76	14.26
Basic Materials	5.72	5.72	4.29	3.82



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-14-2017	16.33	1.0520	0.3544	0.0000	0.0000	1.4065
12-15-2016	14.35	0.7837	0.0000	0.0000	0.0000	0.7837
12-15-2015	14.19	0.3976	0.0000	0.0000	0.0000	0.3976
12-16-2014	13.45	0.9793	0.0000	0.0000	0.0000	0.9793

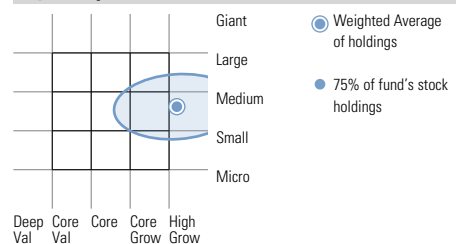
3 Year Average Morningstar Risk Measures



Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊖ Neutral
Rating	Bronze

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
● Cash	1.57	0.40	1.97	0.00	2.02
● US Stock	93.70	0.00	93.70	99.15	93.83
● Non US Stock	4.73	0.00	4.73	0.85	3.75
● Bond	0.00	0.00	0.00	0.00	0.14
● Other	0.00	0.00	0.00	0.00	0.27

Management

	Start Date
Eric B. Fischman	11-20-2008
Paul J. Gordon	05-26-2011
Matthew D. Sabel	04-30-2014



PORTFOLIO UPDATE

Stable Value Common Trust Fund (Class A)

As of December 31, 2017

Portfolio Manager:	Managed Strategy Since:	Joined Firm:
Robert A. Madore	2001	2001
Antonio L. Luna	2003	1996

INVESTMENT OBJECTIVE

The Trust seeks to provide maximum current income while maintaining stability of principal.

TRUST INFORMATION

Inception Date of Trust	September 12, 1988
Benchmark	Citigroup 3-Month Treasury Bill
Trustee Fee*	0.3%
Fiscal Year End	December 31

*Figure is equivalent to the annual Operating Expense ratio. The Trust incurs investment-related expenses for the SICs and SACs that it holds (i.e., fees paid to issuers of SICs and SACs and custody fees on underlying assets). These fees are paid from underlying assets of the SIC or SAC and reduce the respective contract's crediting rate, thereby reducing interest income earned by the Trust. Based on available information for the current quarter, these fees are estimated to be 0.197% on an annualized basis (with fees to wrap issuers of approximately 0.197% and custody fees of less than 0.00%). The Trust's average annual returns shown are net of these fees. Consistent with their accounting as a reduction of income, these fees are not included in computing the Trust's annual operating expense ratio.

PERFORMANCE

(NAV, total return)

	One Month	Three Months	One Year	Annualized			
				Three Years	Five Years	Ten Years	Fifteen Years
Stable Value Common Trust Fund (Class A)	0.17%	0.48%	1.85%	1.86%	1.93%	2.78%	3.29%
Citigroup 3-Month Treasury Bill	0.10	0.28	0.84	0.38	0.24	0.34	1.21
Hueler Analytics Pooled Fund Universe	0.17	0.51	1.95	1.84	1.81	2.48	3.19

Performance figures reflect the deduction of the applicable annual trustee fee, which is used primarily to pay normal operating expenses of the Trust, including custodial, accounting and investment management fees. Figures include any changes in principal and reinvested dividends. All returns are historical and do not represent future performance. When assessing performance, investors should consider both short-term and long-term returns. The offering circular contains complete information on the Trust's objective, investment program, and other information, and plan sponsors should read it carefully before deciding to include the Trust as an investment option for plan participants.

The Hueler Pooled Fund Universe ("Universe") is provided by Hueler Analytics, a Minnesota-based consulting firm, which has developed the Universe for use as a comparative database to evaluate collective trust funds and other pooled vehicles with investments in GICs and other stable value instruments. The Universe is comprised of pooled stable value funds with common investment objectives of stability of principal; the number of participating funds in the Universe may vary over the different historic periods. Total return performance is calculated by taking the straight average of the monthly returns of the funds participating in the Universe during each month which are then linked to derive the index returns for all other time periods. Universe rates of return are reported gross of management fees.

The Citigroup 3 Month Treasury Bill Index provides a monthly return based on a rolling three-month average of U.S. Treasury bills.

Investors should note that if interest rates rise significantly from current levels, total returns will decline and may even turn negative in the short term.

The Trust is subject to risks of fixed income investing, including interest rate risk and credit risk.

MARKET COMMENTARY

The U.S. investment-grade fixed income market rebounded in December and posted positive returns for the month. The contribution from U.S. Treasuries, however, was mixed as yields rose at the front end of the curve but fell at the long end. This partially reflected a move by the FOMC to raise policy rates at its December meeting. The yield curve flattened further as the market reacted to the Fed's upwardly revised median GDP forecast of 2.5% for 2018 and projections for three more rate hikes in 2018 in order to maintain stability in labor market conditions.

Nonfarm payrolls rose by 228,000 in November, topping consensus estimates as the labor market continued to rebound following a weak September jobs report. After weeks of speculation, new tax reform legislation passed both houses of Congress, and President Trump signed the Tax Cuts and Jobs Act into law. Among the major changes are a reduction in the corporate tax rate from 35% to 21% and a territorial system for taxing foreign earnings.

After underperforming in November, investment-grade corporate bonds recovered as spreads grinded tighter to levels last seen in 2007 before the financial crisis. Similar to much of 2017, strong demand contributed to corporate outperformance. Flows into the sector continued, and new supply was oversubscribed. Lower overall tax rates for corporations in the new tax reform legislation aided the sector, but persistent M&A headlines led to some divergence in performance with investors preferring issuers with better credit fundamentals.

Mortgage-backed securities (MBS) and commercial mortgage-backed securities (CMBS) both performed in line with U.S. Treasuries on a total return basis but underperformed corporate bonds as spreads for securitized sectors were largely unchanged. New issuance for CMBS was higher than expected, but investor interest remained strong going into year-end amid relatively stable commercial real estate fundamentals. Asset-backed securities (ABS) posted flat returns for the period as investors looked to higher-yielding sectors.

TOP HOLDINGS

	Trust
Reserves	4.3%
Separate Account Contracts (SACs)	15.8
Synthetic Investment Contracts (SICs)	80.0

Holdings may not be representative of the Trust's current or future investments, and are subject to change.

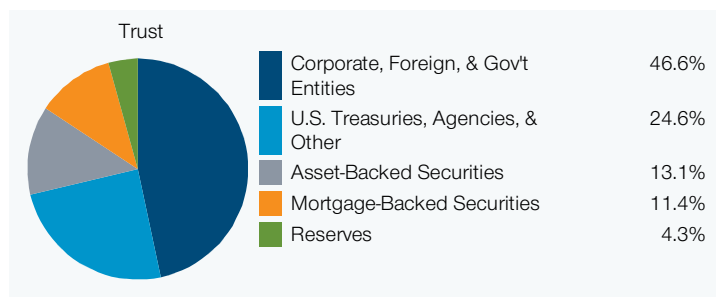
PORTFOLIO CHARACTERISTICS

	Stable Value Common Trust Fund (Class A)
Number of Holdings	12
Weighted Average Maturity	3.12 years
Weighted Average Effective Duration	3.11 years
30-Day Effective Yield	1.93%
Market to Book	99.4
Percent of Portfolio in Cash	4.3%
Total Trust Assets	14,903,513,846

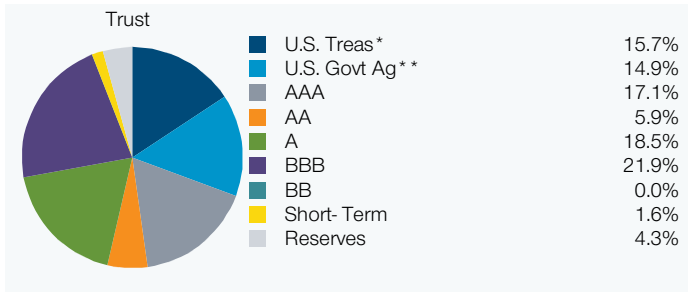
MATURITY DIVERSIFICATION

	0-1 Years	2-3 Years	3-4 Years
Stable Value Common Trust Fund (Class A)	4.3%	13.9%	81.9%

ASSET DIVERSIFICATION



CREDIT QUALITY DIVERSIFICATION



*U.S. Treasury securities are issued by the U.S. Treasury and are backed by the full faith and credit of the U.S. government. The ratings of U.S. Treasury securities are derived from the ratings on the U.S. government.

**U.S. government agency securities are issued or guaranteed by a U.S. government agency, and may include conventional pass-through securities and collateralized mortgage obligations; unlike Treasuries, government agency securities are not issued directly by the U.S. government and are generally unrated but may have credit support from the U.S. Treasury (e.g., FHLMC and FNMA issues) or a direct government guarantee (e.g., GNMA issues). Therefore, this category may include rated and unrated securities.

Definitions

Weighted Average Effective Duration is a calculation that seeks to measure the price sensitivity of a bond Trust to changes in interest rates. In general, the longer the average duration, the greater the Trust's sensitivity to interest rates.

Additional Disclosures

The T. Rowe Price Stable Value Common Trust Fund (the "Trust") is not a mutual fund. It is a common trust fund established by T. Rowe Price Trust Company under Maryland banking law, and its units are exempt from registration under the Securities Act of 1933. Investments in the Trust are not deposits or obligations of, or guaranteed by, the U.S. government or its agencies, or T. Rowe Price Trust Company. You could lose money by investing in the Trust. Although the Trust seeks to preserve the value of your investment at \$1.00 per unit, it cannot guarantee to do so.

T. Rowe Price uses a custom structure for diversification reporting on this product.

Diversification exhibits may not add to 100% due to exclusion or inclusion of cash.

Sources for credit quality: Moody's Investors Service; if Moody's does not rate a security, then Standard & Poor's (S&P) is used as a secondary source. When available, T. Rowe Price will use Fitch for securities that are not rated by Moody's or S&P. T. Rowe Price does not evaluate these ratings, but simply assigns them to the appropriate credit quality category as determined by the rating agency. T. Rowe Price uses the rating of the underlying investment vehicle for credit default swaps.

Source for Maturity Diversification: T. Rowe Price.

Certain numbers in this report may not equal stated totals due to rounding. All data is accurate as of the report production date.

Unless indicated otherwise the source of all data is T. Rowe Price.

The Stable Value Fund (SVF) imposes a 90-day "equity wash" provision on exchanges to competing funds. The SVF is interest rate sensitive; therefore, direct exchanges from the SVF to money market funds and certain short-term bond funds are not permitted. "Permissible" or "eligible" investment options include most common stock funds and any fixed-income fund with a duration that is equal to or greater than three years. Exchanges from the SVF must remain invested in eligible investment options for at least 90 days before exchanging into a competing fund.

Portfolio holdings are historical and subject to change. This material should not be deemed a recommendation to buy or sell any securities mentioned.

This material should not be deemed a recommendation to buy or sell any of the securities mentioned.

The views contained herein are as of the date of this report and are subject to change without notice; these views may differ from those of other T. Rowe Price associates.

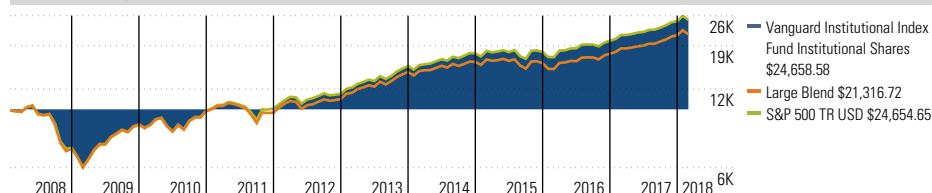
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2016-US-23797 201801-347927

Vanguard Institutional Index Fund Institutional Shares VINIX

Morningstar Analyst Rating
Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
246.63	↓-1.36 -0.55	1.72	241	Open	\$5	None	0.04%	★★★★	Large Blend	Large Blend

Growth of 10,000 02-21-2008 - 02-21-2018

Investment Strategy

The investment seeks to track the performance of a benchmark index that measures the investment return of large-capitalization stocks. The fund employs an indexing investment approach designed to track the performance of the Standard & Poor's 500 Index, a widely recognized benchmark of U.S. stock market performance that is dominated by the stocks of large U.S. companies. The advisor attempts to replicate the target index by investing all, or substantially all, of its assets in the stocks that make up the index, holding each stock in approximately the same proportion as its weighting in the index.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,130	9,630	11,645	13,616	19,924	24,971
Fund	1.30	-3.70	16.45	10.84	14.78	9.58
+/- S&P 500 TR USD	-0.01	0.00	-0.04	-0.03	-0.03	0.00
+/- Category	0.31	0.21	1.41	1.74	1.57	0.94
% Rank in Cat	35	37	32	13	13	20
# of Funds in Cat	1,488	1,492	1,369	1,185	1,046	781

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
Apple Inc	3.56	173.32 USD	1.33 ↑	135.28 - 180.10
Microsoft Corp	3.03	92.00 USD	0.54 ↑	63.62 - 96.07
Amazon.com Inc	2.40	— USD	0.47 ↑	833.50 - 1,503.49
Facebook Inc A	1.84	178.35 USD	0.23 ↑	133.46 - 195.32
JPMorgan Chase & Co	1.66	116.21 USD	0.88 ↑	81.64 - 117.45
% Assets in Top 5 Holdings	12.49			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

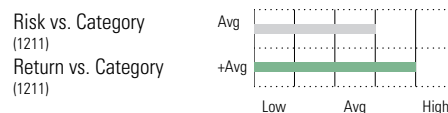
Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg
Technology	21.57	21.57	18.58	20.29
Financial Services	16.99	16.99	16.21	17.32
Healthcare	14.13	14.13	13.75	13.99
Consumer Cyclical	11.50	11.50	10.97	11.58
Industrials	10.70	11.03	10.70	11.53

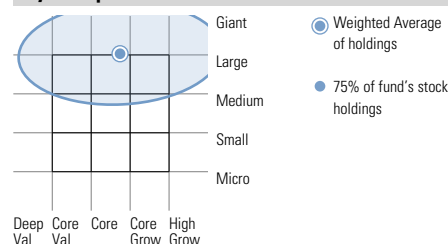
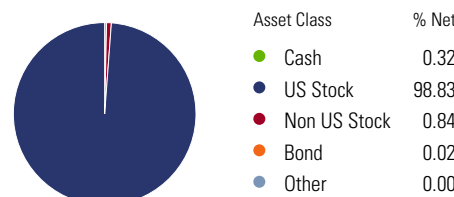
0 10 20 30 40

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-22-2017	244.26	0.0000	0.0000	0.0000	1.2258	1.2258
09-21-2017	227.68	0.0000	0.0000	0.0000	1.2030	1.2030
06-22-2017	221.73	0.0000	0.0000	0.0000	0.9740	0.9740
03-28-2017	214.71	0.0000	0.0000	0.0000	1.0330	1.0330
12-23-2016	206.04	0.5913	0.0000	0.0000	1.2620	1.8533

3 Year Average Morningstar Risk Measures

Pillars

Process	Positive
Performance	Positive
People	Positive
Parent	Positive
Price	Positive
Rating	Gold

Style Map

Asset Allocation

Management

	Start Date
Donald M. Butler	12-31-2000
Michelle Louie	11-30-2017

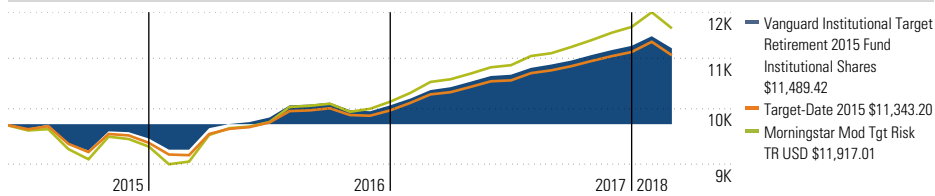
Vanguard Institutional Target Retirement 2015 Fund Institutional Shares VITVX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
21.89	↓-0.06 -0.27	2.00	8	Open	\$100	None	0.09%		Target-Date 2015	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,955	9,777	10,794	—	—	—
Fund	-0.45	-2.23	7.94	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	-0.19	0.55	-2.29	—	—	—
+/- Category	0.17	0.13	0.61	—	—	—
% Rank in Cat	46	29	38	—	—	—
# of Funds in Cat	144	144	130	100	72	41

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Bond Market II Idx Inv	32.52	10.41 USD	-0.38 ↓	10.41 - 10.86
⊖ Vanguard Total Stock Market Idx I	25.25	67.49 USD	-0.47 ↓	58.20 - 71.52
⊖ Vanguard Total Intl Stock Index Inv	16.91	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Intl Bd Idx Admiral™	13.89	21.56 USD	0.00 ↓	21.42 - 22.06
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	11.42	24.36 USD	-0.04 ↓	24.35 - 24.90
% Assets in Top 5 Holdings	100.00			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.42	18.44	18.16	18.29	■ Fund ▼ Cat Avg
Technology	16.86	16.96	14.53	17.59	
Industrials	11.73	11.96	11.69	11.29	
Consumer Cyclical	11.59	11.59	11.50	11.45	
Healthcare	11.07	11.21	11.07	11.79	

	Fund	BMark	Cat Avg	
Government	33.03	30.52	23.76	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	6.89	10.07	7.12	
Government-Related	3.63	0.62	2.12	
Covered Bond	0.71	0.00	0.20	
Commercial MBS	0.32	0.00	0.74	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	22.01	0.0138	0.0143	0.0000	0.4489	0.4770
12-28-2016	20.11	0.0045	0.0059	0.0000	0.3810	0.3914
12-29-2015	19.47	0.0000	0.0010	0.0000	0.1520	0.1530

3 Year Average Morningstar Risk Measures

Risk vs. Category (102)	None				
Return vs. Category (102)	None				
	Low	Avg	High		

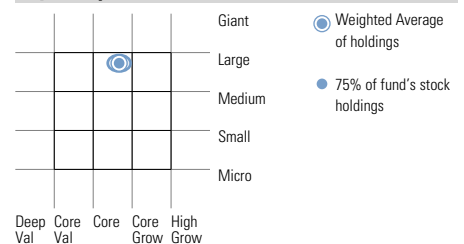
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2015. As of September 30, 2017, its asset allocation among the underlying funds was as follows: Vanguard Total Bond Market II Index Fund 32.1%; Vanguard Total Stock Market Index Fund 26.1%; Vanguard Total International Stock Index Fund 17.4%; Vanguard Total International Bond Index Fund 13.4%; Vanguard Short-Term Inflation-Protected Securities Index Fund 11.0%.

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	2.22	0.00	2.22	3.13	3.99
US Stock	25.08	0.00	25.08	30.61	27.76
Non US Stock	16.38	0.00	16.38	13.64	15.00
Bond	55.40	0.00	55.40	50.25	49.66
Other	0.93	0.00	0.93	2.38	3.59

Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

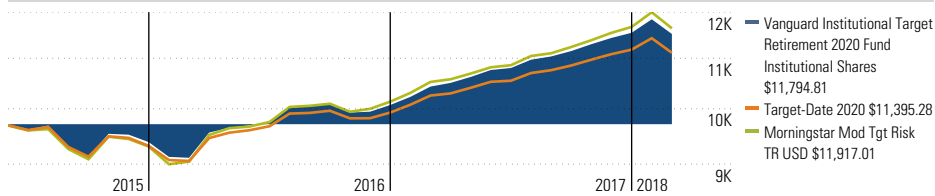
Vanguard Institutional Target Retirement 2020 Fund Institutional Shares VITWX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
22.48	↓-0.07 -0.31	1.94	20	Open	\$100	None	0.09%		Target-Date 2020	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,978	9,736	11,000	—	—	—
Fund	-0.22	-2.64	10.00	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.04	0.15	-0.23	—	—	—
+/- Category	0.35	-0.08	1.76	—	—	—
% Rank in Cat	34	56	12	—	—	—
# of Funds in Cat	262	262	243	197	159	93

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	32.63	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Bond Market II Idx Inv	28.94	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Stock Index Inv	21.81	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Intl Bd Idx Admiral™	12.29	21.56 USD	0.00 ↓	21.42 - 22.06
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	4.34	24.36 USD	-0.04 ↓	24.35 - 24.90
% Assets in Top 5 Holdings	99.99			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.16	18.22	■ Fund ▼ Cat Avg
Technology	16.87	17.00	14.53	17.45	
Industrials	11.73	11.96	11.69	11.26	
Consumer Cyclical	11.59	11.59	11.50	11.69	
Healthcare	11.07	11.24	11.07	11.38	

	Fund	BMark	Cat Avg	
Government	23.72	26.10	19.48	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	6.13	8.92	8.13	
Government-Related	3.22	0.60	1.59	
Covered Bond	0.63	0.00	0.01	
Commercial MBS	0.29	0.00	0.91	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	22.56	0.0022	0.0054	0.0000	0.4484	0.4560
12-28-2016	20.11	0.0044	0.0054	0.0000	0.3910	0.4008
12-29-2015	19.36	0.0010	0.0010	0.0000	0.1620	0.1640

3 Year Average Morningstar Risk Measures

Risk vs. Category (197)	None				
Return vs. Category (197)	None				
	Low	Avg	High		

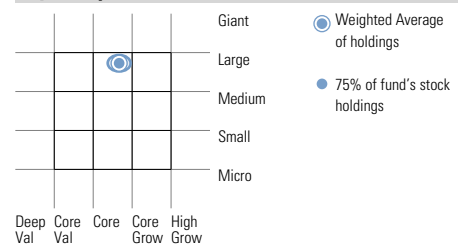
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2020. As of September 30, 2017, its asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 33.3%; Vanguard Total Bond Market II Index Fund 28.8%; Vanguard Total International Stock Index Fund 22.0%; Vanguard Total International Bond Index Fund 12.1%; Vanguard Short-Term Inflation-Protected Securities Index Fund 3.8%.

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	1.94	0.00	1.94	2.32	5.95
US Stock	32.40	0.00	32.40	34.03	30.50
Non US Stock	21.12	0.00	21.12	16.20	15.40
Bond	43.60	0.00	43.60	44.98	44.49
Other	0.95	0.00	0.95	2.46	3.66

Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

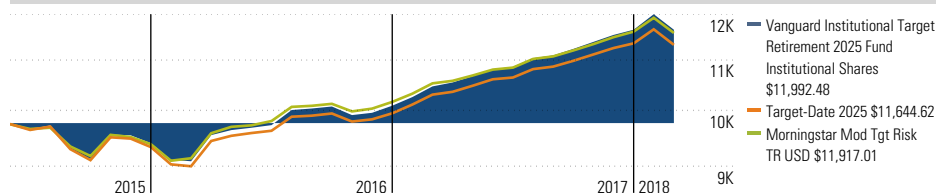
Vanguard Institutional Target Retirement 2025 Fund Institutional Shares VRIVX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
22.86	↓-0.08 -0.35	1.92	25.5	Open	\$100 mil	None	0.09%		Target-Date 2025	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,000	9,707	11,145	—	—	—
Fund	0.00	-2.93	11.45	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.26	-0.14	1.22	—	—	—
+/- Category	0.32	-0.08	1.44	—	—	—
% Rank in Cat	32	58	18	—	—	—
# of Funds in Cat	228	228	211	168	134	61

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	37.97	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Bond Market II Idx Inv	25.82	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Stock Index Inv	25.28	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Intl Bd Idx Admiral™	10.92	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.99			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg
Financial Services	18.41	18.42	18.16	18.14
Technology	16.88	17.00	14.53	17.61
Industrials	11.73	11.96	11.69	11.23
Consumer Cyclical	11.59	11.59	11.50	11.78
Healthcare	11.07	11.23	11.07	11.33

	Fund	BMark	Cat Avg
Government	17.40	20.73	13.28
Agency Mortgage-Backed	5.47	7.34	6.35
Government-Related	2.87	0.54	1.09
Covered Bond	0.56	0.00	0.02
Commercial MBS	0.26	0.00	0.83

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	22.90	0.0011	0.0033	0.0000	0.4517	0.4561
12-28-2016	20.08	0.0037	0.0046	0.0000	0.3920	0.4003
12-29-2015	19.27	0.0000	0.0010	0.0000	0.1650	0.1660

3 Year Average Morningstar Risk Measures

Risk vs. Category (170)	None				
Return vs. Category (170)	None				
	Low	Avg	High		

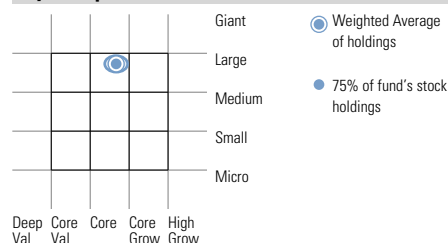
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2025 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 38.7%; Vanguard Total International Stock Index Fund 25.4%; Vanguard Total Bond Market II Index Fund 25.4%; Vanguard Total International Bond Index Fund 10.5%.

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	1.73	0.00	1.73	1.55	4.34
US Stock	37.70	0.00	37.70	38.78	36.65
Non US Stock	24.49	0.00	24.49	19.72	19.72
Bond	35.12	0.00	35.12	37.41	34.44
Other	0.95	0.00	0.95	2.54	4.86

Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

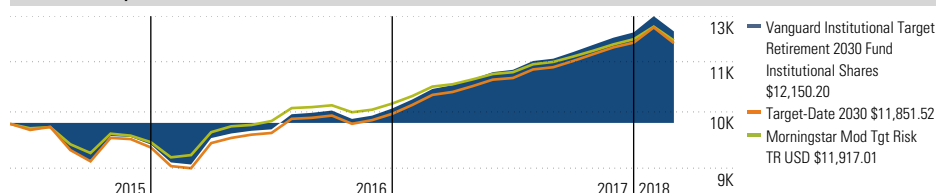
Vanguard Institutional Target Retirement 2030 Fund Institutional Shares VTTWX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.17	↓-0.07 -0.30	1.88	23.0	Open	\$100 mil	None	0.09%		Target-Date 2030	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,022	9,691	11,276	—	—	—
Fund	0.22	-3.09	12.76	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.48	-0.31	2.53	—	—	—
+/- Category	0.33	0.05	1.20	—	—	—
% Rank in Cat	37	39	30	—	—	—
# of Funds in Cat	251	251	233	187	149	83

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	42.43	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	28.32	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	20.58	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	8.68	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	100.00			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.15	18.01	■ Fund ▼ Cat Avg
Technology	16.87	17.00	14.54	17.27	
Industrials	11.73	11.96	11.69	11.27	
Consumer Cyclical	11.59	11.59	11.50	11.78	
Healthcare	11.07	11.23	11.07	11.12	

	Fund	BMark	Cat Avg	
Government	13.85	14.61	9.33	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	4.36	5.36	4.78	
Government-Related	2.28	0.42	0.73	
Covered Bond	0.44	0.00	0.01	
Commercial MBS	0.20	0.00	0.63	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.16	0.0008	0.0024	0.0000	0.4496	0.4528
12-28-2016	20.02	0.0028	0.0035	0.0000	0.3930	0.3993
12-29-2015	19.16	0.0000	0.0010	0.0000	0.1630	0.1640

3 Year Average Morningstar Risk Measures

Risk vs. Category (187)	None				
Return vs. Category (187)	None				
	Low	Avg	High		

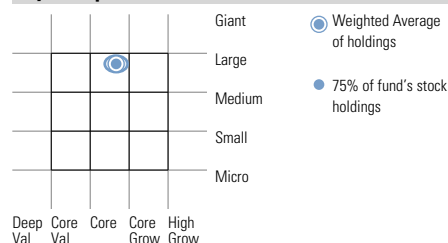
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

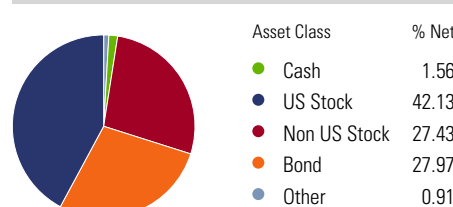
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2030 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 43.1%; Vanguard Total International Stock Index Fund 28.3%; Vanguard Total Bond Market II Index Fund 20.3%; Vanguard Total International Bond Index Fund 8.3%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

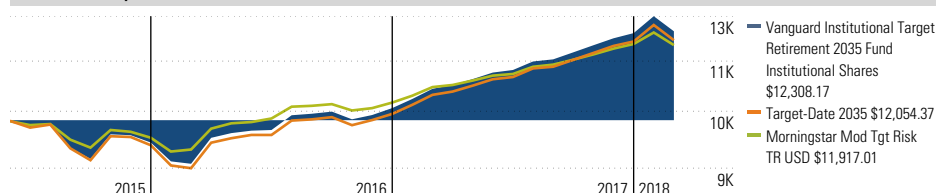
Vanguard Institutional Target Retirement 2035 Fund Institutional Shares VITFX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.47	↓-0.08 -0.34	1.87	21.2	Open	\$100 mil	None	0.09%		Target-Date 2035	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,043	9,666	11,406	—	—	—
Fund	0.43	-3.34	14.06	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.69	-0.55	3.83	—	—	—
+/- Category	0.16	-0.03	0.82	—	—	—
% Rank in Cat	43	47	33	—	—	—
# of Funds in Cat	223	223	206	163	129	56

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	46.94	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	31.35	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	15.26	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	6.44	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.98			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.43	18.16	17.34	■ Fund ▼ Cat Avg
Technology	16.87	16.99	14.53	16.82	
Industrials	11.73	11.96	11.69	10.96	
Consumer Cyclical	11.59	11.59	11.50	11.55	
Healthcare	11.07	11.23	11.07	10.92	

	Fund	BMark	Cat Avg	
Government	10.28	9.05	6.65	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	3.24	3.44	3.26	
Government-Related	1.69	0.29	0.58	
Covered Bond	0.33	0.00	0.01	
Commercial MBS	0.15	0.00	0.39	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.42	0.0006	0.0030	0.0000	0.4545	0.4581
12-28-2016	19.98	0.0019	0.0026	0.0000	0.3940	0.3985
12-29-2015	19.06	0.0000	0.0000	0.0000	0.1640	0.1640

3 Year Average Morningstar Risk Measures

Risk vs. Category (165)	None				
Return vs. Category (165)	None				
	Low	Avg	High		

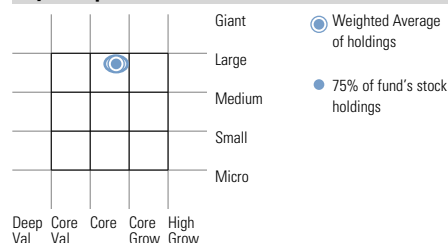
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

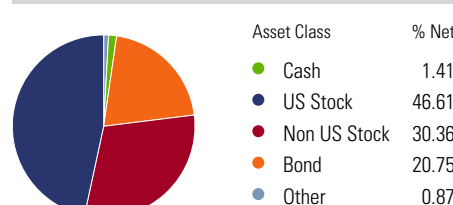
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2035 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 47.6%; Vanguard Total International Stock Index Fund 31.2%; Vanguard Total Bond Market II Index Fund 15.1%; Vanguard Total International Bond Index Fund 6.1%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

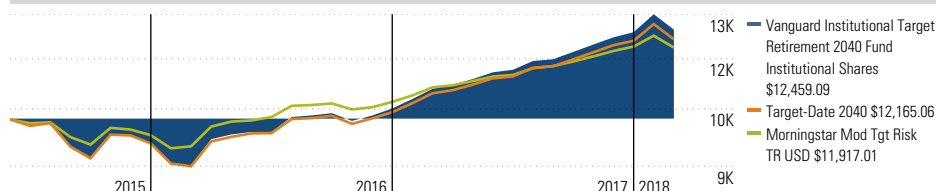
Vanguard Institutional Target Retirement 2040 Fund Institutional Shares VIRSX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.77	↓-0.08 -0.34	1.83	18	Open	\$100	None	0.09%		Target-Date 2040	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,064	9,643	11,531	—	—	—
Fund	0.64	-3.57	15.31	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.90	-0.78	5.08	—	—	—
+/- Category	0.29	-0.07	1.24	—	—	—
% Rank in Cat	42	56	21	—	—	—
# of Funds in Cat	251	251	233	187	149	83

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	51.46	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	34.33	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	10.02	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	4.19	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	100.00			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.39	17.08	■ Fund ▼ Cat Avg
Technology	16.87	16.99	14.46	16.49	
Industrials	11.73	11.73	11.69	10.92	
Consumer Cyclical	11.59	11.59	11.50	11.44	
Healthcare	11.07	11.23	11.07	10.76	

	Fund	BMark	Cat Avg	
Government	6.73	5.31	4.19	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	2.12	2.10	1.95	
Government-Related	1.11	0.19	0.31	
Covered Bond	0.21	0.00	0.00	
Commercial MBS	0.10	0.00	0.24	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.68	0.0005	0.0025	0.0000	0.4525	0.4555
12-28-2016	19.92	0.0011	0.0015	0.0000	0.3930	0.3956
12-29-2015	18.96	0.0000	0.0000	0.0000	0.1610	0.1610

3 Year Average Morningstar Risk Measures

Risk vs. Category (187)	None				
Return vs. Category (187)	None				
	Low	Avg	High		

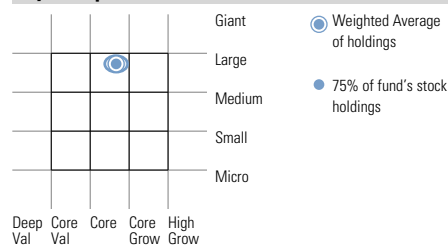
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

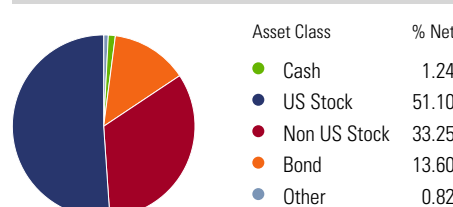
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2040 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 52.4%; Vanguard Total International Stock Index Fund 33.9%; Vanguard Total Bond Market II Index Fund 9.8%; Vanguard Total International Bond Index Fund 3.9%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

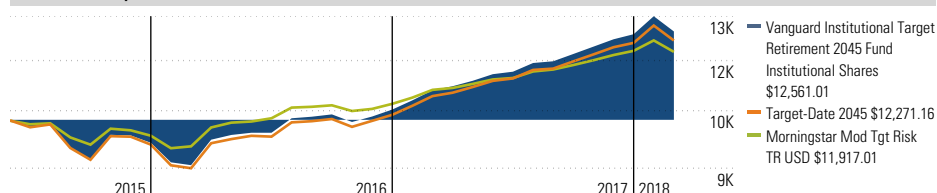
Vanguard Institutional Target Retirement 2045 Fund Institutional Shares VITLX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
23.97	↓-0.09 -0.37	1.82	15	Open	\$100	None	0.09%		Target-Date 2045	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,071	9,630	11,595	—	—	—
Fund	0.71	-3.70	15.95	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	0.98	-0.91	5.72	—	—	—
+/- Category	0.12	-0.12	0.94	—	—	—
% Rank in Cat	44	53	27	—	—	—
# of Funds in Cat	223	223	206	163	129	56

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	53.96	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	35.98	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	7.09	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	2.95	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.98			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg
Financial Services	18.41	18.42	18.16	16.80
Technology	16.87	17.00	14.53	16.70
Industrials	11.73	11.96	11.69	10.72
Consumer Cyclical	11.59	11.59	11.50	11.54
Healthcare	11.07	11.23	11.07	10.90

	Fund	BMark	Cat Avg
Government	4.75	3.57	2.89
Agency Mortgage-Backed	1.50	1.46	1.17
Government-Related	0.78	0.14	0.18
Covered Bond	0.15	0.00	0.01
Commercial MBS	0.07	0.00	0.12

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.86	0.0003	0.0035	0.0000	0.4541	0.4579
12-28-2016	19.95	0.0010	0.0013	0.0000	0.3890	0.3913
12-29-2015	18.96	0.0000	0.0000	0.0000	0.1620	0.1620

3 Year Average Morningstar Risk Measures

Risk vs. Category (165)	None	Low	Avg	High
Return vs. Category (165)	None	Low	Avg	High

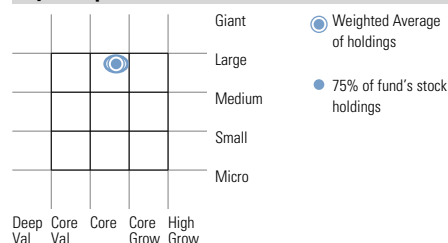
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

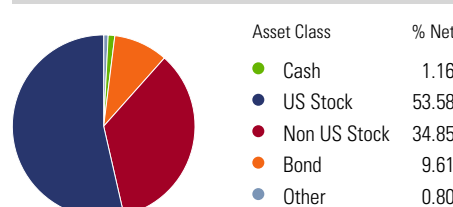
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2045 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.2%; Vanguard Total International Stock Index Fund 35.8%; Vanguard Total Bond Market II Index Fund 7.1%; Vanguard Total International Bond Index Fund 2.9%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

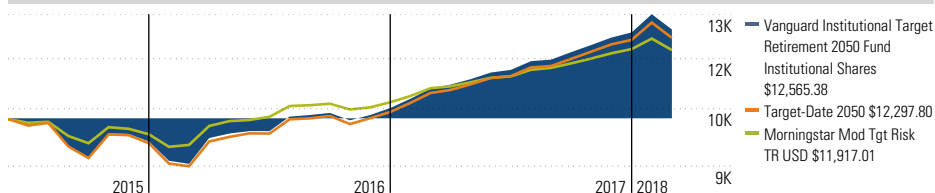
Vanguard Institutional Target Retirement 2050 Fund Institutional Shares VTRLX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
24.00	↓-0.08 -0.33	1.78	10.1	Open	\$100 mil	None	0.09%		Target-Date 2050	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,076	9,635	11,594	—	—	—
Fund	0.76	-3.65	15.94	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	1.02	-0.87	5.71	—	—	—
+/- Category	0.26	0.03	0.91	—	—	—
% Rank in Cat	41	46	33	—	—	—
# of Funds in Cat	247	247	229	182	143	55

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	53.96	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	35.98	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	7.09	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	2.95	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.97			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.15	17.22	■ Fund ▼ Cat Avg
Technology	16.87	17.00	14.54	16.62	
Industrials	11.73	11.96	11.69	10.93	
Consumer Cyclical	11.59	11.59	11.50	11.50	
Healthcare	11.07	11.23	11.07	11.16	

	Fund	BMark	Cat Avg	
Government	5.54	3.34	2.97	■ Fund ▼ Cat Avg
Corporate	2.29	2.48	2.14	
Securitized	1.77	1.14	1.53	
Cash & Equivalents	1.17	0.00	3.60	
Municipal	0.05	0.00	0.04	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.88	0.0003	0.0046	0.0000	0.4452	0.4501
12-28-2016	19.96	0.0009	0.0012	0.0000	0.3800	0.3821
12-29-2015	18.96	0.0000	0.0000	0.0000	0.1600	0.1600

3 Year Average Morningstar Risk Measures

Risk vs. Category (182)	None				
Return vs. Category (182)	None				
	Low	Avg	High		

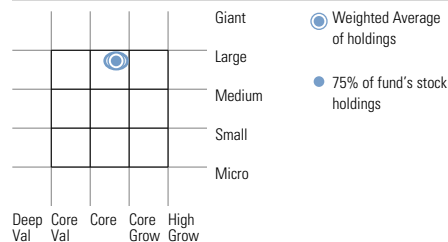
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

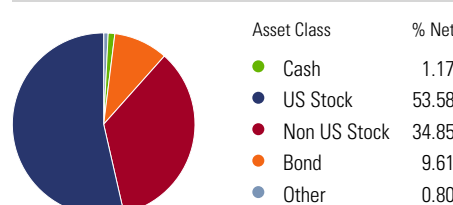
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2050 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.3%; Vanguard Total International Stock Index Fund 35.8%; Vanguard Total Bond Market II Index Fund 7.0%; Vanguard Total International Bond Index Fund 2.9%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

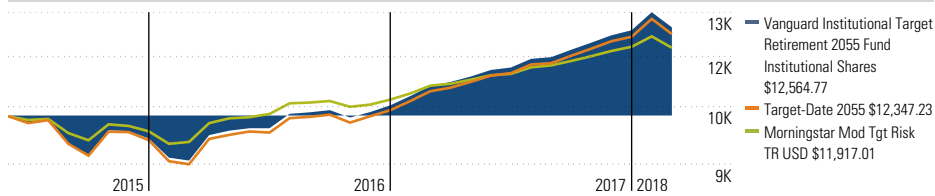
Vanguard Institutional Target Retirement 2055 Fund Institutional Shares VIVLX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
24.04	↓-0.08 -0.33	1.72	4.1	Open	\$100 mil	None	0.09%		Target-Date 2055	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,075	9,631	11,595	—	—	—
Fund	0.75	-3.69	15.95	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	1.02	-0.90	5.72	—	—	—
+/- Category	0.08	-0.04	0.47	—	—	—
% Rank in Cat	45	53	40	—	—	—
# of Funds in Cat	223	223	204	158	101	3

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	53.95	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	36.00	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	7.05	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	2.96	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.96			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.16	17.45	■ Fund ▼ Cat Avg
Technology	16.87	16.99	14.53	16.44	
Industrials	11.73	11.96	11.69	10.79	
Consumer Cyclical	11.59	11.59	11.50	11.32	
Healthcare	11.07	11.23	11.07	11.11	

	Fund	BMark	Cat Avg	
Government	4.74	3.15	3.00	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	1.49	0.83	0.91	
Government-Related	0.78	0.13	0.28	
Covered Bond	0.15	0.00	0.04	
Commercial MBS	0.07	0.00	0.07	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.93	0.0002	0.0061	0.0000	0.4297	0.4360
12-28-2016	19.99	0.0005	0.0010	0.0000	0.3600	0.3615
12-29-2015	18.97	0.0000	0.0010	0.0000	0.1580	0.1590

3 Year Average Morningstar Risk Measures

Risk vs. Category (158)	None				
Return vs. Category (158)	None				
	Low	Avg	High		

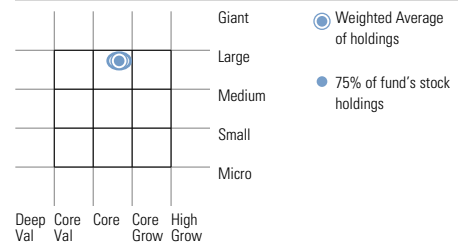
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

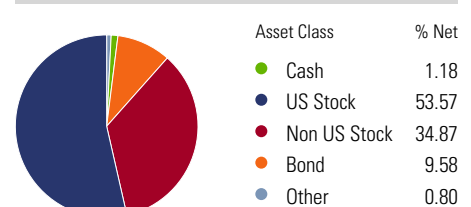
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2055 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.4%; Vanguard Total International Stock Index Fund 35.7%; Vanguard Total Bond Market II Index Fund 7.0%; Vanguard Total International Bond Index Fund 2.9%.

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

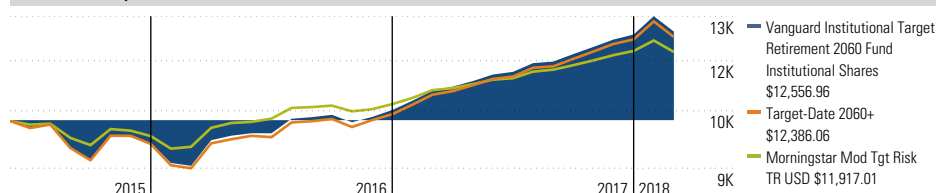
Vanguard Institutional Target Retirement 2060 Fund Institutional Shares VILVX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
24.04	↓-0.09 -0.37	1.63	1	Open	\$100	None	0.09%		Target-Date 2060+	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,075	9,631	11,590	—	—	—
Fund	0.75	-3.69	15.90	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	1.02	-0.90	5.67	—	—	—
+/- Category	0.15	0.03	0.26	—	—	—
% Rank in Cat	49	46	47	—	—	—
# of Funds in Cat	200	200	155	40	1	0

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Market Idx I	53.92	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Total Intl Stock Index Inv	35.93	18.40 USD	-0.16 ↓	15.49 - 19.62
⊕ Vanguard Total Bond Market II Idx Inv	7.13	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Admiral™	2.95	21.56 USD	0.00 ↓	21.42 - 22.06
% Assets in Top 5 Holdings	99.92			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.41	18.42	18.15	17.77	■ Fund ▼ Cat Avg
Technology	16.87	16.99	14.53	16.82	
Industrials	11.73	11.96	11.69	11.22	
Consumer Cyclical	11.59	11.59	11.50	11.53	
Healthcare	11.07	11.23	11.07	11.11	

	Fund	BMark	Cat Avg	
Government	5.55	3.31	3.87	■ Fund ▼ Cat Avg
Corporate	2.30	2.52	1.90	
Securitized	1.78	0.71	1.41	
Cash & Equivalents	1.22	0.00	2.95	
Municipal	0.05	0.00	0.03	

Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	23.93	0.0002	0.0036	0.0000	0.4088	0.4126
12-28-2016	19.97	0.0003	0.0011	0.0000	0.3590	0.3604
12-29-2015	18.95	0.0000	0.0010	0.0000	0.1650	0.1660

3 Year Average Morningstar Risk Measures

Risk vs. Category (36)	None				
Return vs. Category (36)	None				
	Low	Avg	High		

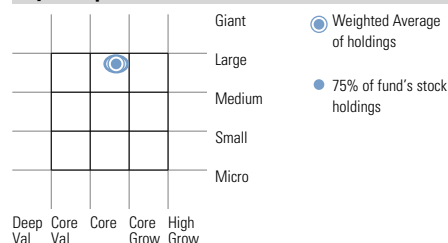
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

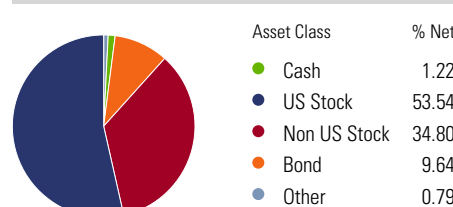
Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2060 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Stock Market Index Fund 54.1%; Vanguard Total International Stock Index Fund 36.0%; Vanguard Total Bond Market II Index Fund 7.0%; Vanguard Total International Bond Index Fund 2.9%.

Style Map



Asset Allocation



Management

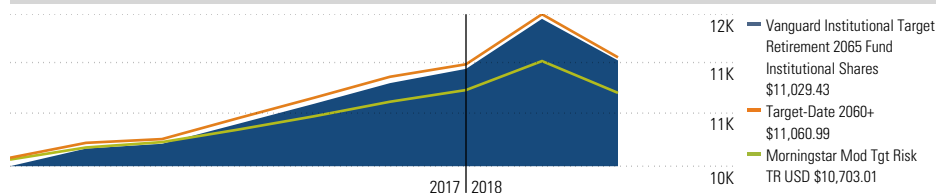
	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

Vanguard Institutional Target Retirement 2065 Fund Institutional Shares VSXFX

Morningstar Analyst Rating

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Mil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
21.89	↓-0.08 -0.36	—	29.3	Open	\$100 mil	None	0.09%		Target-Date 2060+	Large Blend

Growth of 10,000 07-12-2017 - 02-21-2018



3 Year Average Morningstar Risk Measures

Risk vs. Category (36)	None									
Return vs. Category (36)	None									
	Low	Avg	High							

Pillars

Process	—	—
Performance	—	—
People	—	—
Parent	—	—
Price	—	—
Rating	—	—

Investment Strategy

The investment seeks to provide capital appreciation and current income consistent with its current asset allocation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors planning to retire and leave the workforce in or within a few years of 2065 (the target year). As of September 30, 2017, the fund's asset allocation among the underlying funds is as follows: Vanguard Total Stock Market Index Fund 53.9%; Vanguard Total International Stock Index Fund 36.1%; Vanguard Total Bond Market II Index Fund 7.0%; Vanguard Total International Bond Index Fund 3.0%.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,078	9,639	—	—	—	—
Fund	0.78	-3.61	—	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	1.04	-0.82	—	—	—	—
+/- Category	0.18	0.10	—	—	—	—
% Rank in Cat	43	37	—	—	—	—
# of Funds in Cat	200	200	155	40	1	0

* Currency is displayed in USD

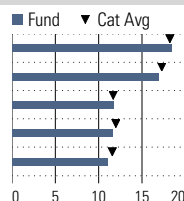
Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Stock Mkt Idx Instl Pls	53.38	126.57 USD	-0.47 ↓	109.13 - 134.12
⊕ Vanguard Total Intl Stock Idx Instl Pls	35.79	123.10 USD	-0.15 ↓	103.67 - 131.24
⊕ Vanguard Total Bond Market II Idx I	6.97	10.41 USD	-0.38 ↓	10.41 - 10.86
⊕ Vanguard Total Intl Bd Idx Institutional	2.98	32.36 USD	0.03 ↑	32.15 - 33.11
% Assets in Top 5 Holdings	99.12			

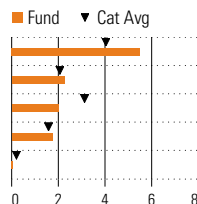
⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 12-31-2017

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.42	18.42	18.42	17.76	
Technology	16.86	16.86	16.86	16.82	
Industrials	11.73	11.73	11.73	11.21	
Consumer Cyclical	11.59	11.59	11.59	11.52	
Healthcare	11.06	11.06	11.06	11.11	



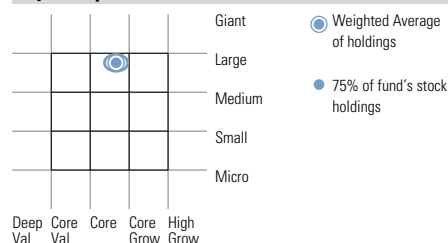
	Fund	BMark	Cat Avg	
Government	5.50	3.31	3.87	
Corporate	2.26	2.52	1.90	
Cash & Equivalents	2.01	0.00	2.95	
Securitized	1.74	0.71	1.41	
Municipal	0.05	0.00	0.03	



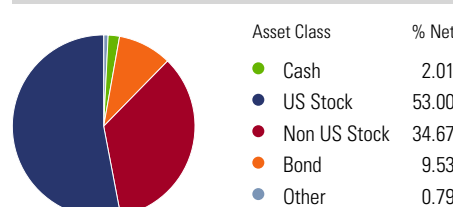
Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	21.78	0.0000	0.0032	0.0000	0.1648	0.1680

Style Map



Asset Allocation



Management

	Start Date
William A. Coleman	07-12-2017
Walter Nejman	07-12-2017

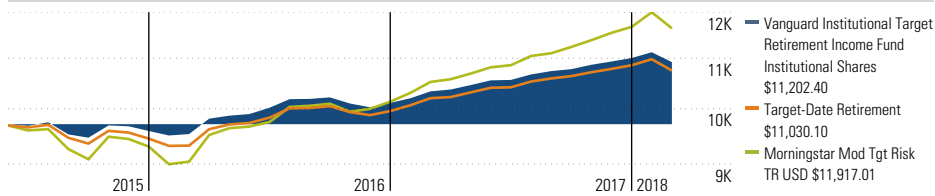
Vanguard Institutional Target Retirement Income Fund Institutional Shares VITRX

Morningstar Analyst Rating

Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
21.34	↓-0.05 -0.23	2.05	5.5	Open	\$100 mil	None	0.09%		Target-Date Retirement	Large Blend

Growth of 10,000 06-26-2015 - 02-21-2018



Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,926	9,816	10,565	—	—	—
Fund	-0.74	-1.84	5.65	—	—	—
+/- Morningstar Mod Tgt Risk TR USD	-0.48	0.95	-4.58	—	—	—
+/- Category	0.26	0.23	0.40	—	—	—
% Rank in Cat	35	33	41	—	—	—
# of Funds in Cat	196	196	183	158	131	82

* Currency is displayed in USD

Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Vanguard Total Bond Market II Idx Inv	37.31	10.41 USD	-0.38 ↓	10.41 - 10.86
⊖ Vanguard Total Stock Market Idx I	18.07	67.49 USD	-0.47 ↓	58.20 - 71.52
⊕ Vanguard Shrt-Term Infl-Prot Sec Idx Adm	16.62	24.36 USD	-0.04 ↓	24.35 - 24.90
⊕ Vanguard Total Intl Bd Idx Admiral™	15.86	21.56 USD	0.00 ↓	21.42 - 22.06
⊖ Vanguard Total Intl Stock Index Inv	12.15	18.40 USD	-0.16 ↓	15.49 - 19.62
% Assets in Top 5 Holdings	100.00			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

Top Sectors 01-31-2018

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Financial Services	18.42	18.42	18.16	17.88	■ Fund ▼ Cat Avg
Technology	16.86	16.99	14.53	16.95	
Industrials	11.73	11.96	11.69	11.41	
Consumer Cyclical	11.59	11.59	11.50	11.67	
Healthcare	11.06	11.23	11.06	11.26	

	Fund	BMark	Cat Avg	
Government	41.24	39.38	28.24	■ Fund ▼ Cat Avg
Agency Mortgage-Backed	7.91	11.88	8.67	
Government-Related	4.16	0.55	2.85	
Covered Bond	0.81	0.00	0.20	
Commercial MBS	0.37	0.00	0.96	

3 Year Average Morningstar Risk Measures

Risk vs. Category (158)	None				
Return vs. Category (158)	None				
	Low	Avg	High		

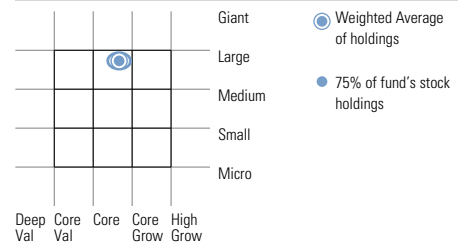
Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

Investment Strategy

The investment seeks to provide current income and some capital appreciation. The fund invests in other Vanguard mutual funds according to an asset allocation strategy designed for investors currently in retirement. As of September 30, 2017, the fund's asset allocation among the underlying funds was as follows: Vanguard Total Bond Market II Index Fund 37.7%; Vanguard Total Stock Market Index Fund 18.1%; Vanguard Short-Term Inflation-Protected Securities Index Fund 16.7%; Vanguard Total International Bond Index Fund 15.5%; Vanguard Total International Stock Index Fund 12.0%.

Style Map



Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
Cash	2.49	0.00	2.49	5.29	8.19
US Stock	17.95	0.00	17.95	25.36	20.93
Non US Stock	11.76	0.00	11.76	9.53	10.93
Bond	66.86	0.00	66.87	57.67	57.22
Other	0.93	0.00	0.93	2.14	2.74


Management

	Start Date
William A. Coleman	06-26-2015
Walter Nejman	06-26-2015

Vanguard Institutional Target Retirement Income Fund Institutional Shares VITRX

Morningstar Analyst Rating

 Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$ Bil	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
21.34	↓-0.05 -0.23	2.05	5.5	Open	\$100 mil	None	0.09%		Target-Date Retirement	 Large Blend

Dividend and Capital Gains Distributions

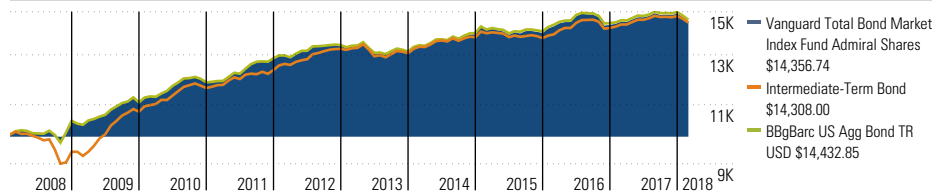
Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-28-2017	21.51	0.0016	0.0022	0.0000	0.2018	0.2056
09-21-2017	21.24	0.0000	0.0000	0.0000	0.0770	0.0770
06-27-2017	20.97	0.0000	0.0000	0.0000	0.0970	0.0970
03-28-2017	20.64	0.0000	0.0000	0.0000	0.0690	0.0690
12-28-2016	20.19	0.0025	0.0065	0.0000	0.1550	0.1640

Vanguard Total Bond Market Index Fund Admiral Shares VBTX

Morningstar Analyst Rating
Silver

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
10.45	↓-0.03 -0.28	2.57	196	Open	\$10,000	None	0.05%	★★★	Intermediate-Term Bond	

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks the performance of Bloomberg Barclays U.S. Aggregate Float Adjusted Index. Bloomberg Barclays U.S. Aggregate Float Adjusted Index represents a wide spectrum of public, investment-grade, taxable, fixed income securities in the United States-including government, corporate, and international dollar-denominated bonds, as well as mortgage-backed and asset-backed securities-all with maturities of more than 1 year. All of its investments will be selected through the sampling process, and at least 80% of its assets will be invested in bonds held in the index.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,758	9,854	10,051	10,354	10,847	14,256
Fund	-2.43	-1.46	0.51	1.17	1.64	3.61
+/- BBG US Agg Bond TR USD	0.02	0.06	-0.07	-0.07	-0.07	-0.06
+/- Category	-0.37	-0.12	-0.42	-0.18	-0.06	-0.22
% Rank in Cat	77	61	64	59	54	65
# of Funds in Cat	1,023	1,023	965	829	762	540

* Currency is displayed in USD

Top Holdings 01-31-2018

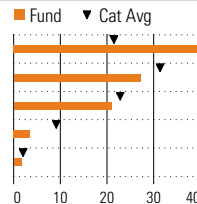
	Weight %	Maturity Date	Amount Mil	Value Mil
⊕ US Treasury Note 2.25%	0.58	11-15-2027	1,210.87	1,162.24
US Treasury Note 2.125%	0.47	05-15-2025	976.90	941.03
⊕ US Treasury Note 2.125%	0.44	12-31-2022	899.28	882.70
US Treasury Note 2.625%	0.43	11-15-2020	853.68	861.29
US Treasury Note 1.375%	0.42	02-15-2020	858.02	844.48

% Assets in Top 5 Holdings 2.35

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 01-31-2018

	Fund	BMark	Cat Avg
U.S. Treasury	39.76	—	20.63
Corporate Bond	27.18	—	30.52
Agency MBS Pass-Through	20.97	—	21.96
Other Government Related	3.56	—	8.26
U.S. Agency	1.70	—	1.15



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
01-31-2018	10.61	0.0000	0.0000	0.0000	0.0233	0.0233
12-29-2017	10.75	0.0000	0.0000	0.0000	0.0238	0.0238
12-22-2017	10.71	0.0049	0.0000	0.0000	0.0000	0.0049
11-30-2017	10.73	0.0000	0.0000	0.0000	0.0224	0.0224
10-31-2017	10.77	0.0000	0.0000	0.0000	0.0230	0.0230

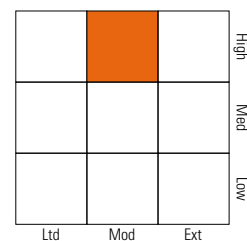
3 Year Average Morningstar Risk Measures

Risk vs. Category (842)	Avg			
Return vs. Category (842)	Avg			
		Low	Avg	High

Pillars

Process	⊕ Positive
Performance	⊖ Neutral
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Silver

Style Map 12-31-2017



Bond Statistics

	Value
Average Effective Duration	6.11
Average Effective Maturity (Years)	8.40
Average Credit Quality	AA
Average Weighted Coupon	3.09
Average Weighted Price	102.03

Asset Allocation

	% Net	% Short	% Long	Bench mark	Cat Avg
● Cash	2.34	0.00	2.34	—	-2.65
● US Stock	0.00	0.00	0.00	—	-0.03
● Non US Stock	0.00	0.00	0.00	—	0.00
● Bond	97.62	0.03	97.64	—	102.04
● Other	0.05	0.00	0.05	—	0.64

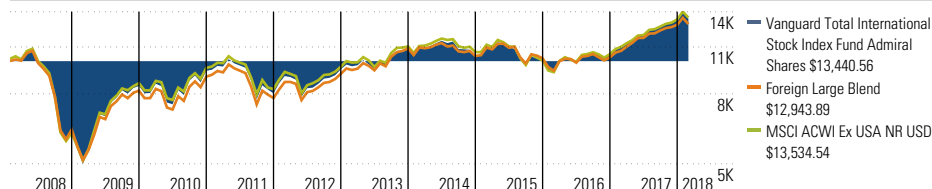
Management

	Start Date
Joshua C. Barrickman	02-22-2013

Vanguard Total International Stock Index Fund Admiral Shares VTIAX Morningstar Analyst Rating **Gold**

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
30.78	↓ -0.04 -0.13	2.59	351	Open	\$10,000	None	0.11%	★★★	Foreign Large Blend	Large Blend

Growth of 10,000 02-21-2008 - 02-21-2018



Investment Strategy

The investment seeks to track the performance of a benchmark index that measures the investment return of stocks issued by companies located in developed and emerging markets, excluding the United States. The fund employs an indexing investment approach designed to track the performance of the FTSE Global All Cap ex US Index, a float-adjusted market-capitalization-weighted index designed to measure equity market performance of companies located in developed and emerging markets, excluding the United States. The index includes approximately 5,800 stocks of companies located in over 45 countries.

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	10,085	9,565	12,079	12,233	14,045	13,448
Fund	0.85	-4.35	20.79	6.95	7.03	3.01
+/- MSCI ACWI Ex USA NR USD	-0.44	-0.70	-1.09	0.12	0.39	0.10
+/- Category	0.31	-0.12	1.19	0.99	0.06	0.14
% Rank in Cat	39	55	39	23	53	—
# of Funds in Cat	804	806	741	587	518	339

* Currency is displayed in USD

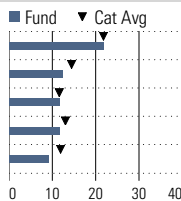
Top Holdings 01-31-2018

	Weight %	Last Price	Day Chg %	52 Week Range
⊕ Tencent Holdings Ltd	1.17	446.40 USD	-2.53 ↓	204.20 - 476.60
⊕ Nestle SA	1.00	75.60 USD	0.75 ↑	73.80 - 86.40
⊕ Samsung Electronics Co Ltd	0.82	— USD	-1.10 ↓	1,885,000.00 - 2,876,000.00
⊕ HSBC Holdings PLC	0.80	727.43 USD	-2.66 ↓	518.17 - 798.60
⊕ Taiwan Semiconductor Manufacturing Co Ltd	0.75	239.50 USD	-1.24 ↓	183.00 - 266.00
% Assets in Top 5 Holdings	4.53			

⊕ Increase ⊖ Decrease ✱ New to Portfolio

Top Sectors 01-31-2018

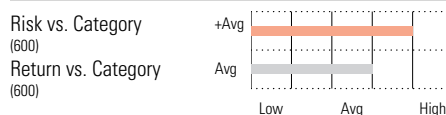
	Fund	3 Yr High	3 Yr Low	Cat Avg
Financial Services	21.71	21.71	21.18	20.88
Industrials	12.26	12.26	12.13	13.52
Technology	11.59	11.59	9.36	10.67
Consumer Cyclical	11.55	11.62	11.55	12.10
Consumer Defensive	9.23	9.68	9.23	10.99



Dividend and Capital Gains Distributions

Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-20-2017	30.06	0.0000	0.0000	0.0000	0.2896	0.2896
09-19-2017	29.52	0.0000	0.0000	0.0000	0.1600	0.1600
06-20-2017	27.73	0.0000	0.0000	0.0000	0.2990	0.2990
03-23-2017	26.56	0.0000	0.0000	0.0000	0.0860	0.0860
12-19-2016	24.48	0.0000	0.0000	0.0000	0.2090	0.2090

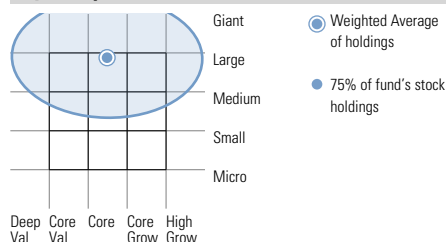
3 Year Average Morningstar Risk Measures



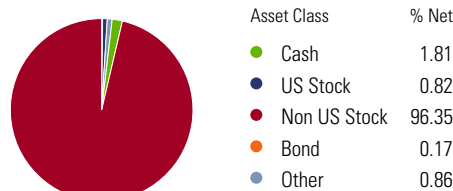
Pillars

Process	⊕ Positive
Performance	⊖ Neutral
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	Gold

Style Map



Asset Allocation



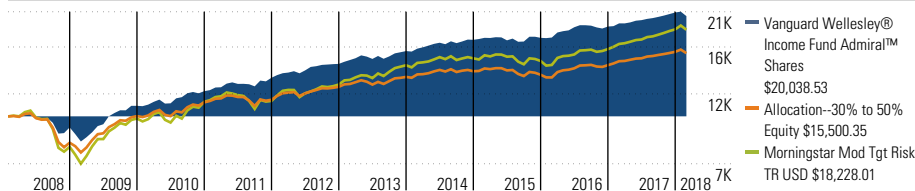
Management

	Start Date
Michael Perre	08-05-2008
Christine D. Franquin	11-30-2017

Vanguard Wellesley® Income Fund Admiral™ Shares VWIAX

Morningstar Analyst Rating
Gold

NAV \$	NAV Day Change %	Yield TTM %	Total Assets \$	Status	Min. Inv.	Load	Expenses	Morningstar Rating™	Category	Investment Style
63.67	↓-0.30 -0.47	2.87	56	Open	\$50,000	None	0.15%	★★★★★	Allocation--30% to 50% Equity	Large Value

Growth of 10,000 02-21-2008 - 02-21-2018

Performance 02-21-2018

	YTD	1 Mo	1 Yr	3Yr Ann	5Yr Ann	10Yr Ann
Growth of 10,000	9,750	9,687	10,562	11,684	13,657	20,023
Fund	-2.50	-3.13	5.62	5.33	6.43	7.19
+/- Morningstar Mod Tgt Risk TR USD	-2.23	-0.35	-4.61	-0.85	-0.90	1.00
+/- Category	-1.60	-0.65	-0.35	1.55	1.29	2.18
% Rank in Cat	97	88	63	11	14	3
# of Funds in Cat	527	527	489	403	346	253

* Currency is displayed in USD

Top Holdings 12-31-2017

	Weight %	Last Price	Day Chg %	52 Week Range
⊖ Microsoft Corp	2.14	91.99 USD	0.53 ↑	63.62 - 96.07
⊖ JPMorgan Chase & Co	1.72	116.21 USD	0.88 ↑	81.64 - 117.45
US Treasury Note 1.25%	1.32	—	—	—
⊖ Philip Morris International Inc	1.28	104.49 USD	0.70 ↑	96.66 - 123.55
⊖ Johnson & Johnson	1.26	130.54 USD	0.51 ↑	119.25 - 148.32
% Assets in Top 5 Holdings	7.72			

⊕ Increase ⊖ Decrease ☆ New to Portfolio

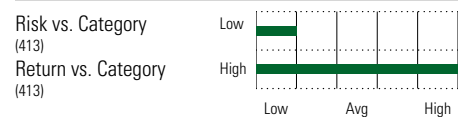
Top Sectors 12-31-2017

	Fund	3 Yr High	3 Yr Low	Cat Avg	
Technology	15.14	15.14	14.23	16.74	■ Fund ▼ Cat Avg
Healthcare	13.99	14.66	13.38	11.94	
Energy	13.99	13.99	11.40	7.22	
Financial Services	13.44	15.70	13.44	17.07	
Consumer Defensive	12.93	13.40	12.93	8.06	

	Fund	BMark	Cat Avg	
Government	9.17	23.39	15.04	■ Fund ▼ Cat Avg
Government-Related	1.50	1.72	3.56	
Asset-Backed	1.21	0.00	3.36	
Covered Bond	0.53	0.01	0.13	
Agency Mortgage-Backed	0.45	18.92	8.85	

Dividend and Capital Gains Distributions

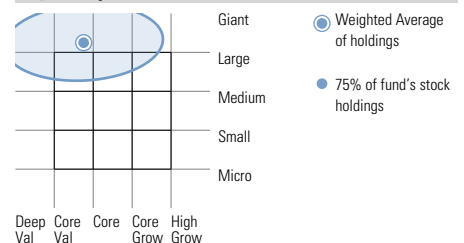
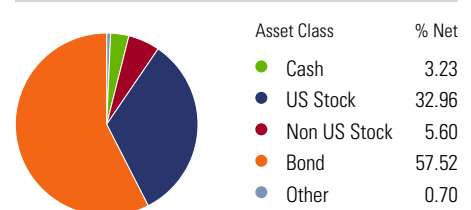
Distribution Date	Distribution NAV	Long-Term Capital Gain	Short-Term Capital Gain	Return of Capital	Dividend Income	Distribution Total
12-18-2017	65.23	0.6891	0.0595	0.0000	0.5306	1.2792
09-21-2017	64.45	0.0000	0.0000	0.0000	0.4790	0.4790
06-22-2017	63.88	0.0000	0.0000	0.0000	0.4720	0.4720
03-28-2017	62.64	0.0000	0.0000	0.0000	0.4240	0.4240
12-23-2016	61.67	0.6279	0.0228	0.0000	0.5570	1.2077

3 Year Average Morningstar Risk Measures

Pillars

Process	⊕ Positive
Performance	⊕ Positive
People	⊕ Positive
Parent	⊕ Positive
Price	⊕ Positive
Rating	★★★★★ Gold

Investment Strategy

The investment seeks to provide long-term growth of income and a high and sustainable level of current income, along with moderate long-term capital appreciation. The fund invests approximately 60% to 65% of its assets in investment-grade fixed income securities, including corporate, U.S. Treasury, and government agency bonds, as well as mortgage-backed securities. The remaining 35% to 40% of fund assets are invested in common stocks of companies that have a history of above-average dividends or expectations of increasing dividends.

Style Map

Asset Allocation

Management

	Start Date
John C. Keogh	02-14-2008
W. Michael Reckmeyer	01-01-2007
Loren L. Moran	01-27-2017
Michael E. Stack	01-27-2017