

# Intermediate Aggregate Fixed Income

First Quarter 2018

## Investment Philosophy

We believe that active sector rotation combined with disciplined risk management results in consistent, value-added returns.

- Formulate strategic intent of portfolio to meet client needs
- Team-driven strategy and execution
- Opportunistic to help provide competitive returns
- Seek to manage downside risk

## Investment Process

- 1. Formulate market outlook to derive:**
  - Interest-rate expectations
  - Yield curve positioning
  - Duration targets
- 2. Determine sector weightings based on:**
  - Macro view on asset classes
  - Relative value
  - Sector and subsector outlook
- 3. Conduct extensive analysis on each security**
  - Downside risk potential
  - Asymmetric risk perspective
  - Forward-looking fundamentals
- 4. Construct portfolio within strategic framework**
  - Sector and subsector weights based upon relative valuation
  - Security selection in support of portfolio risk/reward profile
  - Duration and yield curve management driven by macro outlook



## FIRM OVERVIEW

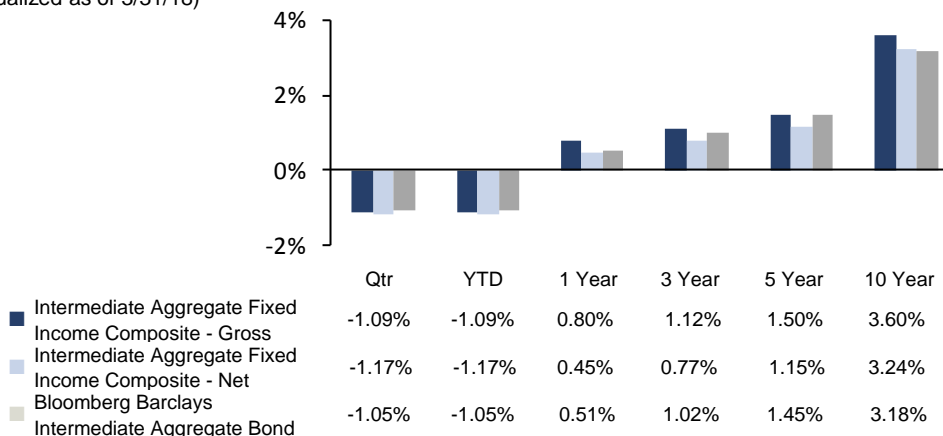
PNC Capital Advisors, LLC and its predecessors have provided institutional asset management services for over two decades. Our investment team approach allows portfolio managers to do what they do best – manage money. Each team follows a disciplined process with a focus on style purity, consistency, and risk management. The teams are supported by centralized sales, client service, performance measurement, and compliance capabilities. PNC Capital Advisors offers a comprehensive array of investment strategies across both equity and fixed income classes to serve the investment requirements of corporate, public, multi-employer, foundations, endowments, and other tax-exempt clients, as well as select individual clients.

## ASSETS UNDER MANAGEMENT<sup>2</sup>

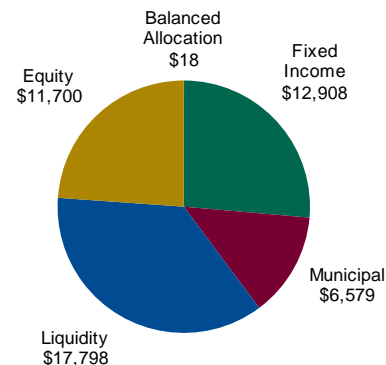
Total Firm:	\$49,003 million
Total Fixed Income:	\$30,706 million
Intermediate	
Aggregate Fixed	
Income:	\$444 million
Inception Date:	12/31/99

## Performance Summary<sup>1</sup>

(Annualized as of 3/31/18)



## BY ASSET CLASS<sup>2</sup>

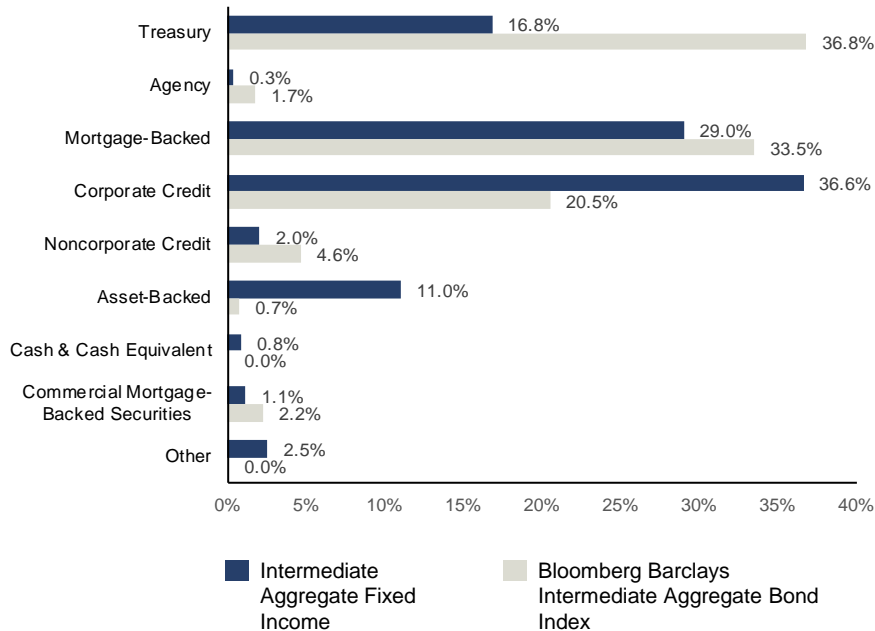


<sup>2</sup> AUM totals in millions for the period ending March 31, 2018.

<sup>1</sup> Data as of 3/31/18. Source: Advent Portfolio Exchange<sup>®</sup> (APX). Performance returns are presented gross and net of fees and include the reinvestment of all income. Gross of fee performance returns do not reflect the payment of investment advisory fees and other expenses. Actual returns will be reduced by advisory fees and other expenses that may be incurred in the management of the account. Net of fee performance reflect the deduction of 0.57% for the period prior to March 1, 2008, 0.40% from March 1, 2008 to June 30, 2010, and 0.35% thereafter, representing the maximum advisory fees charged to client accounts invested in the Intermediate Aggregate Fixed Income Composite during the respective periods. For information regarding the current investment advisory fees of PNC Capital Advisors, LLC, please refer to Form ADV, Part 2A, which is available at: <https://pnccapitaladvisors.com>. Please refer to our GIPS<sup>®</sup>-compliant presentation, which includes additional important disclosures and is located at the end of this presentation. **Past performance is no guarantee of future results.**

## Portfolio Characteristics & Allocations<sup>3</sup>

### Sector Allocation



### MANAGEMENT TEAM

Our Fixed Income investment team consists of experienced investment management professionals:

**Sean T. Rhoderick, CFA**  
 Chief Investment Officer  
 Taxable Fixed Income  
 23 years industry experience

**Total Fixed Income Investment Management Staff**  
 Portfolio Managers: 9  
 Risk Analysts: 5  
 Securities Analysts: 5  
 Average Experience: 18

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### Characteristics

	Intermediate Aggregate Fixed Income	Bloomberg Barclays Intermediate Aggregate Bond Index
Weighted Average Life (Years)	5.1	5.3
Effective Duration (Years)	4.1	4.3
Average Quality	Aa2	Aa1
Yield to Maturity	3.1%	3.0%
Turnover (12-month trailing)	59.3	N/A
Number of Holdings	155	7,752

### Duration Distribution

	Intermediate Aggregate Fixed Income	Bloomberg Barclays Intermediate Aggregate Bond Index
<1 Year	7.4%	0.2%
1-3 Years	24.8%	26.9%
3-4 Years	13.9%	16.6%
4-6 Years	38.3%	39.9%
6-8 Years	12.8%	14.2%
>8 Years	2.9%	2.2%

### Quality Allocation

	Intermediate Aggregate Fixed Income	Bloomberg Barclays Intermediate Aggregate Bond Index
AAA	63.6%	77.7%
AA	3.1%	2.7%
A	14.5%	9.0%
BBB	18.2%	10.6%
BB or Lower	0.6%	0.0%

<sup>3</sup> Supplemental information. Source: Analytics provided by The Yield Book® Software and Services. Sector and quality distributions for both the portfolio and the benchmark are calculated using the Bloomberg Barclays index methodology. Data reflect the characteristics of the representative portfolio managed under the fixed income investment style as of 3/31/18 and is for illustration purposes only. Characteristics are subject to change and should not be considered as investment recommendations. It should not be assumed that investment in the sectors listed and account quality ratings or duration ranges were or will prove profitable, or that investment decisions we make in the future will be profitable. Characteristics, sector weights, account quality ratings or duration ranges with regard to any particular client account may vary based on any investment restrictions applicable to the account. **Past performance is no guarantee of future results.**

# Intermediate Aggregate Fixed Income Composite

**Firm Description:** As of September 29, 2009, PNC Capital Advisors, Inc. and its affiliate Allegiant Asset Management Company each merged into and with PNC Capital Advisors, LLC ("PNC Capital Advisors" or "the Firm"). PNC Capital Advisors, a registered investment adviser and direct wholly owned subsidiary of The PNC Financial Services Group, Inc. ("PNC"), provides investment advice with respect to equity and fixed income securities for a variety of clients, including institutional accounts and registered investment companies.

For Global Investment Performance Standards (GIPS®) purposes, PNC Capital Advisors, LLC includes:

- 1) Assets under management of PNC Bank, N.A. that were previously attributed to a predecessor firm, Mercantile, which prior to September 14, 2007 was defined to include the assets of Mercantile-Safe Deposit and Trust Company and its subsidiary, Mercantile Capital Advisors, Inc. Effective September 14, 2007, Mercantile-Safe Deposit and Trust Company was merged into PNC Bank, N.A., and in conjunction with such merger, PNC Capital Advisors, Inc. became a subsidiary of PNC Bank, N.A. PNC Capital Advisors, Inc. commenced serving as subadvisor to certain clients of PNC Bank, N.A. effective February 11, 2008.
- 2) Assets under management of PNC Municipal Investment Group, formerly a part of PNC Bank, N.A., now a business unit of PNC Capital Advisors.
- 3) Assets under management of the Advantage Equity Portfolio Management Team, formerly a part of PNC Institutional Investment Group ("PNC IIG"), a part of PNC Bank, N.A., now a business unit of PNC Capital Advisors.
- 4) Wrap program assets managed by Allegiant Advisory Services, formerly a part of Allegiant Asset Management Company.
- 5) Assets under management of Allegiant Asset Management Company (excluding Allegiant Advisory Services), formerly a wholly owned subsidiary of National City Corporation, now an institutional subsidiary of the PNC Financial Services Group, Inc. and part of PNC Capital Advisors.

**Compliance Statement:** PNC Capital Advisors, LLC claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. PNC Capital Advisors, LLC has been independently verified by Ashland Partners & Company LLP for the period September 29, 2009 through December 31, 2016. Verification assesses whether (1) the firm has complied with all the composite construction requirements of the GIPS standards on a firm-wide basis and (2) the firm's policies and procedures are designed to calculate and present performance in compliance with the GIPS standards. The Intermediate Aggregate Fixed Income Composite has been examined by Ashland Partners & Company LLP for the period February 11, 2008 through December 31, 2016. The verification and performance examination reports are available upon request.

**Verification:** Compliance with the GIPS standards for the predecessor firm (PNC Capital Advisors, Inc.) was verified by Ashland Partners & Company LLC for the period February 11, 2008 through

September 29, 2009. Performance that may accompany this report for the period prior to February 11, 2008, occurred while the portfolio management team was with a predecessor firm, PNC Bank, N.A., which prior to September 14, 2007 was defined as the assets of Mercantile Capital Advisors, Inc., a part of Mercantile-Safe Deposit and Trust Company. PNC Bank N.A.'s compliance with the GIPS standards was verified for the period January 1, 1994 through December 31, 2007 by Ashland Partners & Company LLP. In addition, a performance examination was conducted on the Intermediate Aggregate Fixed Income Composite for the period January 1, 2000 through December

31, 2007, by Ashland Partners & Company LLP. Copies of the verification reports as well as policies for valuing portfolios, calculating performance, and preparing compliant presentations are available upon request. A list of composite descriptions is also available upon request.

**Composite Description:** The investment objective of the Intermediate Aggregate Fixed Income Composite is to provide current income and preservation of capital by investing primarily in a portfolio of high- and medium- grade fixed income securities, with portfolio duration and structure characteristics benchmarked to the Bloomberg Barclays Intermediate Aggregate Bond Index. For comparison purposes this composite is measured against the Bloomberg Barclays Intermediate Aggregate Bond Index. Effective February 17, 2015, Sean Rhoderick, CFA, assumed the role of Chief Investment Officer for Taxable Fixed Income from Andrew Harding. Mr. Harding had served as Chief Investment Officer for Taxable Fixed Income of PNC Capital Advisors, LLC, and its predecessor firms since 2000. Results from all accounts have been continuous from the first full month under management to present or last full month under management. The Intermediate Aggregate Fixed Income Composite was created December 31, 2006. Prior to December 31, 2009, the Intermediate Aggregate Fixed Income Composite was known as Intermediate Aggregate Bond Composite.

**Benchmark:** The benchmark for the composite is the Bloomberg Barclays Intermediate Aggregate Bond Index.

**Minimum Account Size:** All discretionary accounts in excess of \$5 million have been included in the composite. Effective July 1, 2010, the minimum account size is \$10 million.

**Calculation of Results:** Accounts are valued using trade date accounting and are denominated in U.S. dollars. Performance results reflect the reinvestment of interest, dividends, and realized capital gains and include cash, cash equivalents, convertible securities, and preferred securities, if applicable. Dividends and interest are recorded on an accrual basis and are net of all applicable foreign withholding taxes, if any.

Performance results are presented on a gross and net basis and include the reinvestment of all income. The net results reflect the deduction of 0.57% for the period prior to March 1, 2008; 0.40% for the period March 1, 2008, to June 30, 2010; and 0.35% thereafter, representing the maximum advisory fees charged to client accounts during the respective periods in the Intermediate Aggregate Fixed Income Composite. The actual fees paid by a client may vary based on assets under management and other factors. Past performance is no guarantee of future results.

**Significant Cash Flows:** As of January 1, 2012, PNC Capital Advisors, LLC defines a significant cash flow for the portfolios of the Intermediate Aggregate Fixed Income Composite as one or more external cash flows during the month equaling an absolute value greater than 10% of the portfolio's assets at the beginning of the month.

**Dispersion:** The dispersion of annual return is measured by the standard deviation across asset-weighted portfolio returns represented within the composite for a full year. Prior to October 1, 2009, the dispersion of annual return was calculated across equal-weighted portfolio returns. For periods during which five or fewer accounts were included in the composite for a full year, standard deviation is not disclosed because it is not considered meaningful.

**Fee Schedule:** The management fee schedule is as follows: 0.35% on first \$15 million, 0.30% on next \$35 million, 0.25% on next \$50 million, 0.20% on next \$100 million, and 0.15% on anything over \$200 million. The actual fees paid by a client may vary based on assets under management and other factors.

## PNC Capital Advisors Intermediate Aggregate Fixed Income Composite

Composite Inception Date: December 31, 1999

Composite Creation Date: December 31, 2006

Year	Gross of Fees Return %	Net of Fees Return %	3 Yr Ex-Post Std Dev Comp %	Benchmark Return %	3 Yr Ex-Post Std Dev Benchmark %	Number of Portfolios (Year-end)	Composite Dispersion (Std Dev %)	Composite Assets (\$ millions)	Firm Assets (\$ millions)
2016	2.39	2.03	1.94	1.97	2.13	15	0.46	552.4	48,659
2015	0.60	0.25	1.90	1.21	2.10	14	0.21	557.4	41,592
2014	3.85	3.49	1.88	4.12	1.96	15	0.04	560.6	41,062
2013	(0.54)	(0.88)	2.01	(1.02)	2.00	11	0.27	474.1	36,882
2012	5.02	4.66	1.86	3.56	1.87	6	0.34	410.0	34,425
2011	4.67	4.31	2.39	5.97	2.29	9	0.18	448.8	35,113
2010	6.80	6.48		6.15		8	0.31	388.1	33,318
2009	9.94	9.51		6.47		8	1.84	372.8	32,318
2008	4.52	4.08		4.86		N/A	N/A	190.3	13,190
2007	7.10	6.53		7.01		N/A	N/A	140.0	

# Intermediate Aggregate Fixed Income Composite

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PNC Capital Advisors, LLC is an SEC-registered investment adviser, offering an array of investment strategies. Registration with the SEC does not imply any level of skill or training. PNC Capital Advisors, LLC is an indirect subsidiary of The PNC Financial Services Group, Inc. PNC Capital Advisor's strategies and the investment risks and advisory fees associated with each strategy can be found within Part 2A of the firm's Form ADV, which is available at <https://pnccapitaladvisors.com>.

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