



### Invesco Managed Accounts: High Quality, Tax-Efficient and Tailored Fixed Income

- High Quality**
- Primarily hold A-rated or better
  - Maximum 30% BBB-rated bonds
  - Ongoing rigorous credit analysis
  - Historically, never had bond default

### Tax-Efficient

- Strategy offerings for all tax profiles
- State of residence
- Tax loss harvesting opportunities
- Inherited portfolio transitioning

### Tailored

- After-tax yield objective
- State of residence
- Duration objective
- Reoccurring distribution schedules
- Impact/ESG objective

### Investment Philosophy

We believe consistent outperformance can be achieved via active sector allocation and security selection while neutralizing duration, identifying high quality securities that maximize income potential and actively managing portfolio risks and mitigating the downside.

### Strategy Asset Class

Municipal Bond

### Tax-Free Strategy AUM

\$1,908 million

### Portfolio Manager

Eddie Bernhardt, CFA  
Tim Benzel, CFA  
Mark Paris

### Composite Inception

March 31, 2006

### Composite Benchmark<sup>1</sup>

ICE BofAML 1-5 Year U.S. Municipal Securities Index

### Available Vehicles

Separate Account

### Separate Account Minimum

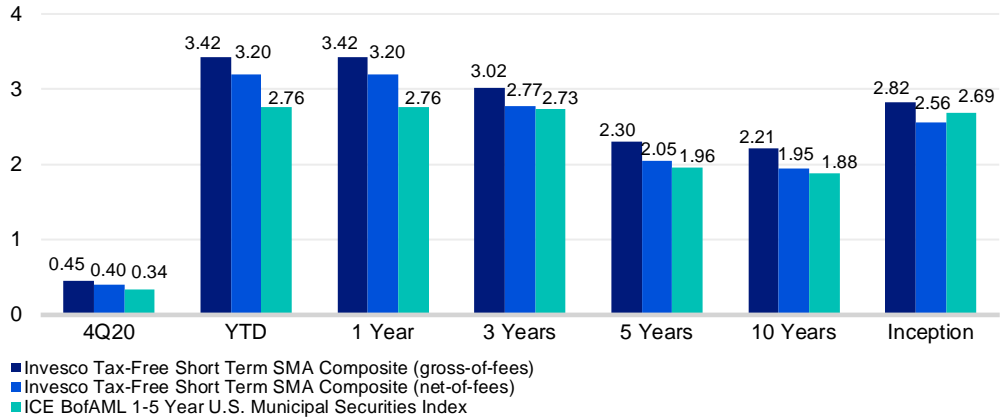
\$250 thousand

### About the Team

Our investment team, solely focused on managing high quality, tax-efficient separate account portfolios for high net worth and institutional investors, averages 17 years of industry experience and has a proven track record of generating consistent, risk-adjusted outperformance with benchmark-like levels of volatility.

For additional information, please visit our website at [www.invesco.com/IMA](http://www.invesco.com/IMA).

### Composite Performance (%)



### Portfolio Statistics (annualized)

	3-Year
Information Ratio	1.05
Sharpe Ratio	0.85
Beta	1.04
Tracking Error	0.28
Standard Deviation	1.72

### Sector Breakdown

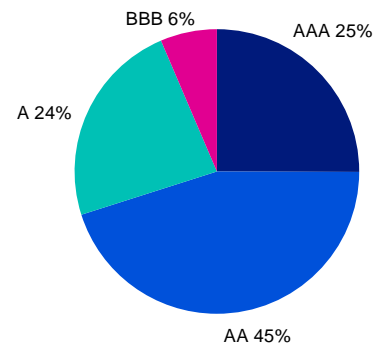
	Strategy (%)	Benchmark (%)
Airport	0.00	2.06
Appropriation	11.19	4.70
Dedicated Tax	7.59	9.81
Health Care	9.67	1.66
Higher Education	0.48	2.69
Housing	10.23	0.99
IDR/Corporate	2.95	2.42
Local GO	24.01	10.97
Other	0.00	0.87
Pre-refunded	1.65	26.25
Public Power	12.66	4.99
State GO	12.41	20.21
Toll Roads	1.06	2.87
Transportation	1.22	6.20
Water & Sewer	4.88	3.32

### Portfolio Characteristics

	Strategy	Benchmark
Targeted number of holdings	20	-
Yield to Worst (YTW)	0.48	0.43
Weighted Average Maturity (Years)	3.07	2.74
Option Adjusted Duration (Years)	2.51	2.44
Average Coupon	3.74	4.80
Average Credit Quality	AA	AA-

### Credit Rating

Strategy (%)
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1. Please see Disclosure Statements for benchmark index description.

The strategy assets under management displayed above reflects multiple composites. Please refer to the GIPS Presentation at the end of this report for additional information.

Ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest); ratings are subject to change without notice. If securities are rated differently by the rating agencies, the higher rating is applied. Not Rated indicates the debtor was not rated and should not be interpreted as indicating low quality. For more information on the rating methodology, please visit [www.standardandpoors.com](http://www.standardandpoors.com) and select 'Understanding Ratings' under Rating Resources on the homepage; [www.moodys.com](http://www.moodys.com) and select 'Rating Methodologies' under Research and Ratings on the homepage; [www.fitchratings.com](http://www.fitchratings.com) and select 'Ratings Definitions' on the homepage.

Past performance is not a guarantee of future results.

## Invesco Tax-Free Short Term SMA Composite

Year	Gross Return (%)	Net Return (%)	ICE BofAML 1-5 Year U.S. Municipal Securities Index Return (%)	Composite Dispersion (%)	Composite 3-Year Annualized Standard Deviation (%)	Benchmark 3-Year Annualized Standard Deviation (%)	Number of Accounts	Composite Assets (\$ millions)	Total Firm Assets (\$ billions)
2019	4.05	3.78	3.65	0.20	1.14	1.21	21	47	826
2018	1.62	1.36	1.79	0.22	1.46	1.42	19	49	214
2017	2.31	2.04	1.46	0.22	1.44	1.38	15	32	249
2016	0.14	-0.10	0.16	0.16	1.33	1.20	15	30	216
2015	1.53	1.28	1.20	0.12	1.17	0.96	20	71	216
2014	2.09	1.85	1.30	0.29	1.19	0.90	29	66	236
2013	0.66	0.40	1.24	0.27	1.27	1.00	35	69	230
2012	2.17	1.92	1.63	0.35	1.26	1.11	35	49	194
2011	4.15	3.88	3.66	0.52	1.81	1.67	33	58	166
2010	2.04	1.78	1.85	0.56	2.68	2.65	69	112	180

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- Invesco Worldwide claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. Invesco Worldwide has been independently verified for the periods January 1, 2003 through December 31, 2019. The legacy firms that constitute Invesco Worldwide have been verified since 2001 or earlier. The verification reports are available upon request. 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. Verification does not ensure the accuracy of any specific composite presentation.
- A complete list and description of Firm composites and performance results is available upon request. Additional information regarding policies for calculating and reporting returns is available upon request. All returns are expressed in U.S. dollars and are gross of nonreclaimable withholding tax, if applicable.
- The Invesco Tax-Free Short Term SMA Composite (formerly named SNW Municipal Short Composite) includes every fully representative portfolio managed in the strategy. The composite includes portfolios that generally hold at least 80% of assets in securities that are exempt from federal taxes. All portfolios are actively managed with tax efficient considerations with regard to any state and local income taxes. All holdings within the portfolios are investment grade and dollar denominated. Eligible securities include those in the municipal, U.S. Treasury, government-related, and corporate sectors of the investment-grade bond market. The weighted average duration of the portfolios included in the composite is between two and three years, and the weighted average credit rating of member portfolios is single A or above. The composite is managed in comparison to, not duplication of the benchmark. The composite inception date was 3/31/2006. The composite was created in January 2012.
- The Composite gross-of-fee returns reflect the reinvestment of income and the impact of transaction costs, but do not include the deduction of investment advisory fees, distribution expenses or any other account expenses, such as custodial fees. Composite net-of-fee returns are calculated by deducting actual management fees from the underlying portfolios' gross returns. Annual fees for the Invesco Tax-Free Short Term SMA product range up to 0.75% of the market value of the assets under management. Minimum account size is \$250,000. Actual fees may vary depending on, among other things, the vehicle type, applicable fee schedule and portfolio size.
- The ICE Bank of America Merrill Lynch 1-5 Year U.S. Municipal Securities Index is an unmanaged index that is a subset of the ICE Bank of America Merrill Lynch U.S. Municipal Securities Index including all securities with a remaining term to final maturity less than 5 years. For comparison purposes the index is fully invested, which includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs.
- The dispersion of annual returns is measured by the equal-weighted standard deviation of account returns included in the composite for the full year. For periods with five or fewer accounts included for the entire year, dispersion is not presented as it is not considered meaningful.
- The three-year annualized ex-post standard deviation measures the variability of the monthly returns of the composite and the benchmark over the preceding 36 months. The standard deviation is not presented where there is less than 36 months of performance history.
- Prior to September 1, 2019, performance represents results achieved by the respective investment team while it was part of OppenheimerFunds, Inc. Invesco acquired Massachusetts Mutual Life Insurance Company's asset management affiliate OppenheimerFunds on May 24, 2019. Composite assets and returns prior to August 2019 represent results while it was part of OppenheimerFunds. OFI Global was GIPS verified by KPMG through December 31, 2018. Effective December 31, 2019, the composite name changed from the SNW Municipal Short Composite to the Invesco Tax-Free Short Term SMA Composite.

**Past performance is not indicative of future results. As with any investment vehicle there is always the potential for gains as well as the possibility of losses.**

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