

# Invesco Investment Grade Taxable Short Term SMA

## Why invest in this strategy

### 1 Targeted active management

We seek to enhance returns through an active approach to security selection and sector allocation, and a passive approach to managing interest rate risk.

### 2 Technology automation

Technology fuels our efficient, scalable portfolio management process; this leads to faster, more seamless trade execution.

### 3 Customization

We build portfolios that are customized to reflect clients' views, values, tax situation, and liquidity needs in a cost-efficient manner.

## What this strategy does

The strategy invests in a mix of investment grade corporate and taxable municipal bonds. It targets a weighted average portfolio duration of 2.5 years with individual bond maturities no greater than seven years. This short-duration strategy exhibits minimal sensitivity to changes in interest rates.

## Overview (as of 03/31/2024)

Composite AUM	\$30 mil
Strategy AUM	\$33 mil
Type/sub category	Fixed Income   Investment Grade
Inception date	6/30/2015
Separate account minimum	\$250 thousand
Average number of holdings	30
Portfolio manager (Industry start date)	Eddie Bernhardt (1999), Tim Benzel (2006), Matt Brill (2002), Ryan Watts (2002), Todd Schomberg (2010)
Investment Advisor	Invesco Managed Accounts, LLC
Benchmark <sup>1</sup>	70% ICE BofA 1-5 Year AAA-A U.S. Corporate Index 30% ICE BofA 1-5 Year U.S. Taxable Municipal Securities Index

## Portfolio characteristics<sup>2</sup>

	Strategy	Bench- mark
Yield to Worst (YTW)	5.05	5.05
Yield to Maturity	5.10	5.13
Weighted Average Maturity (Years)	2.79	2.95
Effective Duration (Years)	2.39	2.46
Average Coupon	3.18	3.83
Average Credit Quality <sup>3</sup>	A+	A2

## Quality breakdown

Net cash & equiv.	1.24
AAA	7.89
AA	31.20
A	49.08
BBB	10.59
BB	0.00

Source: Invesco, Investortools. These portfolio statistics are subject to change. Ratings source: Standard & Poor's, Moody's or Fitch, as applicable. If securities are rated differently by the rating agencies, the higher rating is applied. Data as of 3/31/24.

1. Please see Disclosure Statement for benchmark index description.

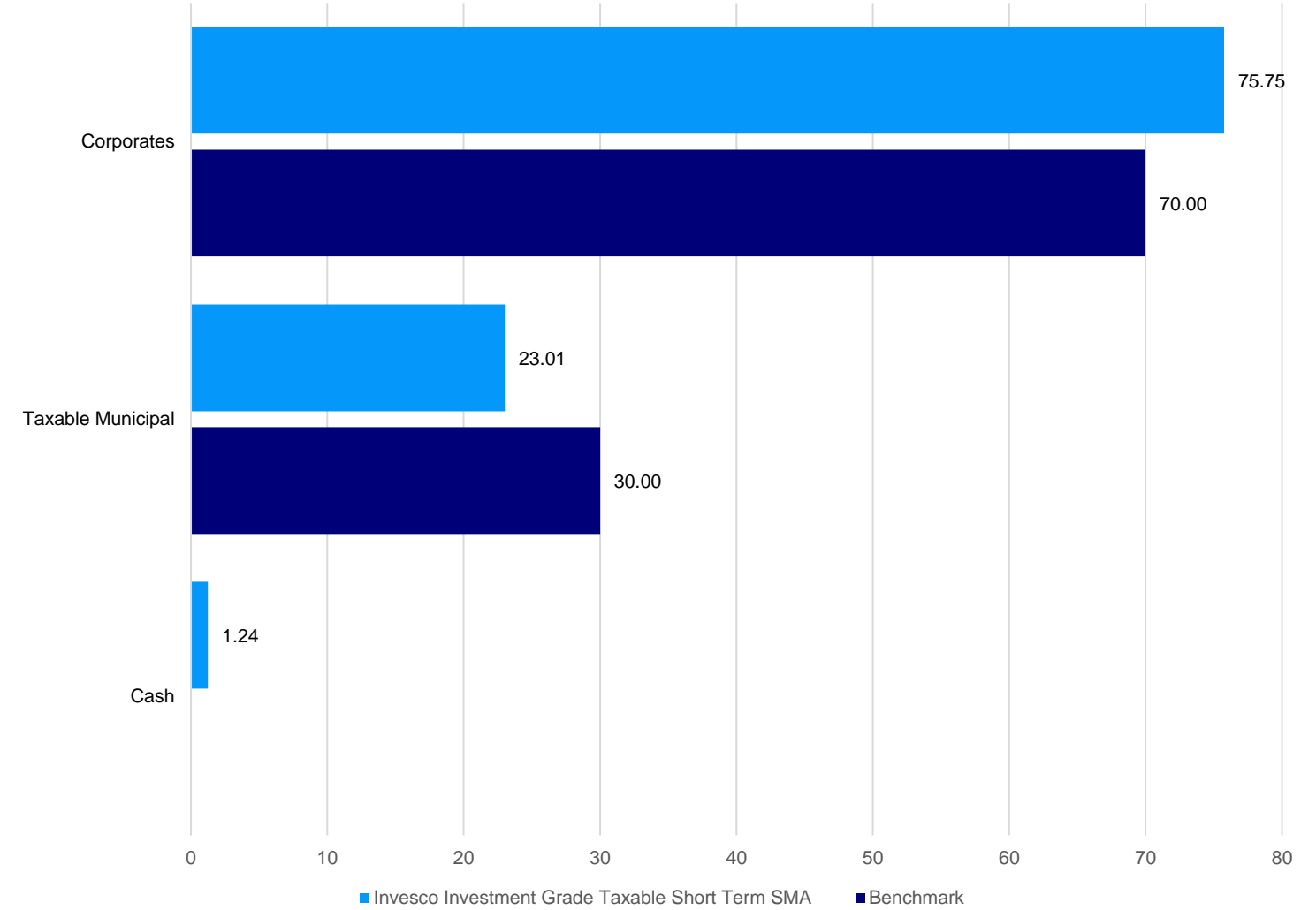
2. The portfolio characteristics are based on a representative account for the strategy and are subject to change without notice.

3. Average credit quality (ACQ) is an internal measurement calculated by taking the highest rating of the three major rating agencies (S&P, Moody's & Fitch) at a security level. It is then changed into a numerical value, asset weighted and then calculated to be shown at the portfolio level in Moody's format. Non-rated securities are not included in the average quality calculation. Information on non-rated securities is provided in the Quality Distribution chart, if applicable. ACQ calculations may vary across the industry and should not be the only factor in analyzing a portfolio. Please review all information carefully before investing. 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.

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.



Sector breakdown (% of total net assets)



Portfolio statistics (annualized)

	3 Years
Information Ratio	0.70
Sharpe Ratio	-0.71
Beta	0.93
Tracking Error	0.37
Standard Deviation	3.16

Information is based on a representative account of the composite.

Standardized performance (%) as of March 31, 2024

	QTD	YTD	1 Year	3 Years	5 Years	10 Years	Since inception (06/30/2015)
Invesco Investment Grade Taxable Short Term SMA (gross)	0.64	0.64	4.55	0.45	1.99	-	2.22
Invesco Investment Grade Taxable Short Term SMA (net)	0.56	0.56	4.20	0.11	1.63	-	1.89
Benchmark	0.55	0.55	4.35	0.18	1.79	-	2.06

Benchmark: 70% ICE BofA 1-5 Year AAA-A U.S. Corporate Index, 30% ICE BofA 1-5 Year U.S. Taxable Municipal Securities Index  
Performance returns less than one year are not annualized.

Past performance is not indicative of future results. An investment cannot be made directly in an index.

## Invesco Investment Grade Taxable Short Term SMA

Year	Gross return (%)	Net return (%)	Benchmark Return (%)	Composite dispersion (%)	Composite 3-Year annualized standard deviation (%)	Benchmark 3-Year annualized standard deviation (%)	Number of accounts	Composite assets (\$ millions)	Total firm assets (1) (\$ billions)
2023	5.59	5.25	5.77	0.20	3.14	3.35	60	31	900
2022	-4.80	-5.12	-5.51	0.36	3.35	3.23	43	25	865
2021	-0.46	-0.83	-0.31	0.16	2.53	2.17	43	26	975
2020	5.69	5.35	5.15	0.21	3.20	3.42	17	16	876
2019	5.80	5.34	5.96	0.16	1.32	1.28	6	4	826
2018	1.65	1.26	1.47	N/A	1.34	1.25	<5	2	N/A
2017	2.54	2.30	2.20	N/A	N/A	N/A	<5	8	N/A
2016	2.53	2.30	2.48	N/A	N/A	N/A	<5	7	N/A
2015*	0.71	0.59	0.73	N/A	N/A	N/A	<5	7	N/A

\*Returns less than one year are not annualized. Returns for the period from June 30, 2015 (inception) through December 31, 2015.

Benchmark: 70% ICE BofA 1-5 Year AAA-A U.S. Corporate Index, 30% ICE BofA 1-5 Year U.S. Taxable Municipal Securities Index

## Annualized Compound Rates of Return Ending December 31, 2023

Period	Gross return (%)	Net return (%)	Benchmark Return (%)
1 Year	5.59	5.25	5.77
3 Year	0.02	-0.32	-0.13
5 Year	2.27	1.91	2.11
Since Inception (06/30/2015)	2.21	1.88	2.05

- For purposes of compliance with Global Investment Performance Standards (GIPS®), "Invesco Worldwide" refers collectively to all direct or indirect subsidiaries of Invesco Ltd. that provide discretionary investment advice with the exception of the following entities: Invesco Investment Management Ltd., Invesco Investment Advisers LLC, Invesco Asset Management Australia (Holdings) Ltd., Invesco Global Real Estate Asia Pacific, Inc., IRE (Cayman) Ltd., Invesco Senior Secured Management, Inc., Invesco Private Capital, Inc., and Invesco Capital Management LLC. Invesco Great Wall Fund Management Company Limited is compliant with GIPS but is not part of Invesco Worldwide.
- 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 1st January 2003 through 31st December 2022. The verification reports are available upon request. A firm that claims compliance with the GIPS standards must establish policies and procedures for complying with all the applicable requirements of the GIPS standards. Verification provides assurance on whether the firm's policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, have been designed in compliance with the GIPS standards and have been implemented on a firm-wide basis. Verification does not provide assurance on the accuracy of any specific performance report. GIPS® is a registered trademark of CFA Institute. CFA Institute does not endorse or promote this organization, nor does it warrant the accuracy or quality of the content contained herein.
- A complete list and description of Firm composites, limited distribution pooled funds, broad distribution pooled funds 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 Investment Grade Taxable Short Term SMA Composite (formerly named SNW Credit Short Composite) includes every fully representative portfolio managed in the strategy. The composite includes portfolios that generally hold at least 80% of assets in corporate or taxable municipal securities. All portfolios included in the composite are actively managed. 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 6/30/2015. The composite was created in July 2016.
- 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 Investment Grade Taxable 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 Custom Benchmark is an unmanaged index that is a custom-weighted blend of 70% of the ICE Bank of America Merrill Lynch 1-5 Year AAA-A U.S. Corporate Index (a subset of the ICE BofA Merrill Lynch U.S. Corporate Index including all securities with a remaining term to final maturity less than 5 years and rated AAA through A3, inclusive; ICE acquired BofAML's indexes in October 2017) and 30% of the ICE Bank of America Merrill Lynch 1-5 Year U.S. Taxable Municipal Securities Index (a subset of the ICE Bank of America Merrill Lynch U.S. Taxable Municipal Securities Index including securities with a remaining term to final maturity less than 5 years). The custom benchmark is calculated by weighting the respective index returns on a monthly basis. 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.

---

9. 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 another firm through December 31, 2018. Effective December 31, 2019, the composite name changed from the SNW Credit Short Composite to the Invesco Investment Grade Taxable 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.**

---

#### Definitions

**Beta** (cash adjusted) is a measure of relative risk and the slope of regression.

**Information Ratio** measures the risk-adjusted returns of a financial asset or portfolio relative to a certain benchmark.

**Sharpe Ratio** is a risk-adjusted measure calculated using standard deviation and excess return to determine reward per unit of risk. A higher Sharpe ratio indicates better risk-adjusted performance.

**Standard Deviation** measures a fund's range of total returns and identifies the spread of a fund's short-term fluctuations.

**Tracking Error** is defined as the expected standard deviation of a portfolio's excess returns over the benchmark index return.

---

For Public distribution in the US

All material presented is compiled from sources believed to be reliable and current, but accuracy cannot be guaranteed. This is not to be construed as an offer to buy or sell any financial instruments and should not be relied upon as the sole factor in an investment making decision. As with all investments there are associated inherent risks. This should not be considered a recommendation to purchase any investment product. This does not constitute a recommendation of any investment strategy for a particular investor. Investors should consult a financial professional before making any investment decisions if they are uncertain whether an investment is suitable for them. Please obtain and review all financial material carefully before investing.

This portfolio is actively managed. Portfolio holdings and characteristics are subject to change. It should not be assumed that an investment in the securities identified was or will be profitable. Actual holdings will vary for each client and there is no guarantee that a particular client's account will hold any or all of the securities listed. Past performance is no guarantee of future results.

The opinions expressed are based on current market conditions and are subject to change without notice. These opinions may differ from those of other Invesco investment professionals.

Nothing in this document is intended to constitute an offer or solicitation to sell or a solicitation of an offer to buy any product or service (nor shall any product or service be offered or sold to any person) in any jurisdiction in which either (a) Invesco Managed Accounts, LLC is not licensed to conduct business, and/or (b) an offer, solicitation, purchase or sale would be unavailable or unlawful. Invesco Managed Accounts LLC provides investment advisory services and does not sell securities. It is an indirect, wholly owned subsidiary of Invesco Ltd.

The Investment Advisers Act of 1940 requires investment advisory firms, such as Invesco Managed Accounts, LLC, to file and keep current with the Securities and Exchange Commission a registration statement of Form ADV. Part II of Form ADV contains information about the background and business practices of Invesco Managed Accounts, LLC. Under the Commission's rules, we are required to offer to make available annually Part II of Form ADV to our clients along with our privacy policy. Accordingly, if you would like to receive a copy of this material, please write to Invesco Managed Accounts, LLC, Managed Accounts Client Service Department, 2001 6th Ave, Suite 2310, Seattle, WA 98121.

**Invesco Managed Accounts, LLC is the investment adviser for this separately managed account (SMA); it provides investment advisory services to individual and institutional clients and does not sell securities. It is an indirect, wholly owned subsidiary of Invesco Ltd.**