Invesco Investment Grade Corporate Bond SMA
Fourth quarter

Fact Sheet: Separately Managed Accounts
Dec. 31, 2023

Portfolio management team

23-member team
Average of 16 years
Experience spread throughout global financial centers

The main objective of the strategy is to provide current income with potential capital appreciation for total return, while seeking to outperform the Bloomberg U.S. Credit Index over a complete market cycle.

Current portfolio positioning

The fourth quarter saw positive developments after rates peaked over 5% in October. A disinflationary trend began, which could signal an end to the Federal Reserve's (Fed) battle to tame inflation that has run for over a year. At the end of the third quarter, there were concerns that major developed central banks would keep rates "higher for longer." This pushed the 5- and 10-year US Treasury yields to their highest levels since 2007 while the 30-year US Treasury yield was at its highest level since 2011. During the final quarter of the year, the US saw positive economic data and spread tightening as rates began their quarter-long descent.

Despite the positives, a few obstacles occurred throughout the quarter. Most notably, in November, long-end consumer inflation expectations increased in the US, as shown by the Michigan Survey of Consumers. Additionally, Moody's lowered its outlook on US debt, citing concerns that successive governments would not be able to reach a consensus on a fiscal plan to slow the decline in debt affordability. The Fed's pivot toward dovish messaging at its November meeting triggered a swift rate rally in December, with the 10-year Treasury yield ending 2023 at 3.88% , about 100 basis points off its high for the year.

Our base case has been centered on a soft-landing scenario, and it seems like the US economy will experience a bumpy landing as the disinflationary trend plays itself out. With that trend, we could see slow, but positive growth, along with a continued easing of labor market pressure and a weaker dollar. We continue to believe the US is likely to avoid a substantial broad-based recession and have not seen the probability of recession priced into the market.

The US investment grade corporate sector outperformed duration-matched Treasurys, generating 2.03% of excess return for the quarter and 8.50% on a total return basis. All three primary corporate fixed income sectors posted positive excess returns for the quarter: financials 2.06% , industrials 2.03% and utilities 1.94% . Corporate bonds with 1- to 3-year maturities generated positive returns but were outperformed by securities with intermediate- to long-dated maturities in the quarter.

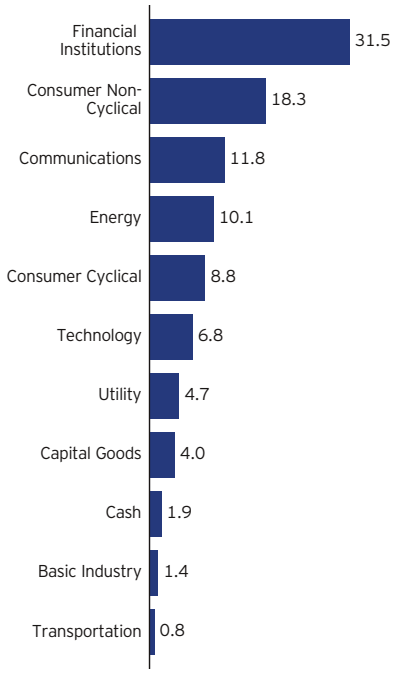
All three primary corporate sectors posted positive returns on a total return basis, and most corporate subsectors posted positive returns on a total return basis. Excess returns across credit ratings were all slightly positive, with AAA at 0.77% versus AA at 1.00% , A at 1.75% and BBB at 2.48% . The US high yield corporate bond market, as measured by the Bloomberg US Corporate High Yield Index, posted a total return of 7.16% for the quarter.

Gross and net performance for the Investment Grade Corporate Bond SMA was 7.99% and 7.60% , respectively, for the period. The benchmark returned 8.15% over the same period. An overweight to consumer staples and communications positively impacted performance for the quarter. Security selection within banking was a key driver of positive performance for the period. During the period, the portfolio maintained a slightly lower duration than the benchmark, which dragged on overall performance.

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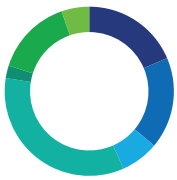
Sector weightings (%)



Portfolio characteristics	Portfolio
Number of Holdings	78
Yield-to-Worst (YTW)	5.07
Weighted Average Maturity (Years)	9.97
Weighted Average Life-to-Worst	9.64
Modified Duration (Years)	6.62
Effective Duration (Years)	6.56

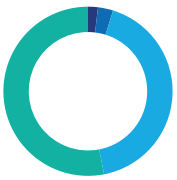
Portfolio characteristics are based on a representative account for the strategy and are subject to change.

Effective duration (%)



0-2 Year	18.6
2-4 Years	17.5
4-6 Years	7.3
6-8 Years	34.1
8-10 Years	2.4
10-15 Years	14.8
15-20 Years	5.3

Credit quality (%)



Cash/Cash Equivalent	1.9
AA	2.9
A	42.2
BBB	53.1

Maturity (%)



0-2 Year	13.6
2-4 Years	15.9
4-6 Years	12.9
6-8 Years	6.4
8-10 Years	18.3
10-15 Years	12.0
15-20 Years	0.8
20+ Years	20.1

Figures may not add up to 100% due to rounding. Cash and equivalents is deemed to have a 0% Maturity and Duration.

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All data as of Dec. 31, 2023

Source: Invesco ■ Ratings source: Standard & Poor's, Moody's or Fitch, as applicable. A credit rating is an assessment provided by a nationally recognized statistical rating organization (NRSRO) of the creditworthiness of an issuer with respect to debt obligations, including specific securities, money market instruments or other debts. Ratings are measured on a scale that generally ranges from AAA (highest) to D (lowest); ratings are subject to change without notice. NR indicates the debtor was not rated, and should not be interpreted as indicating low quality. ■ Weighted average maturity is a measure, as estimated by the portfolio managers, of the length of time the average security in a bond will mature or be redeemed by the issuer. It takes into account mortgage payments, puts, adjustable coupons and potential call dates. ■ Modified duration is a duration calculated which incorporates the expected duration-shortening effect of an issuer's embedded call provision. ■ Effective duration is a measure of the sensitivity of a bond's price to changes in interest rates. ■ Yield to worst is a measure of the lowest possible yield that can be received on a bond with an early retirement provision. ■ Weighted average life (WAL) to worst represents the weighted average number of years for which each dollar of unpaid principal on a fixed-income security remains outstanding.

Sample portfolio

Top 10 holdings

Security	Coupon	Maturity	Weight
1. Wells Fargo & Company	5.557	7/25/2034	3.28
2. Jpmorgan Chase & CO	5.350	6/1/2034	2.40
3. Broadcom Crp / Caymn Fi	3.875	1/15/2027	1.95
4. Williams Companies Inc	5.650	3/15/2033	1.67
5. Lowe's Cos Inc	5.150	7/1/2033	1.66
6. Centene Corp	2.500	3/1/2031	1.65
7. Morgan Stanley	5.449	7/20/2029	1.64
8. T-Mobile USA Inc	5.050	7/15/2033	1.62
9. General Mills Inc	4.950	3/29/2033	1.61
10. General Motors Finl CO	5.250	3/1/2026	1.60

Other sample holdings

Abbvie Inc	4.450	5/14/2046
Altria Group Inc	5.800	2/14/2039
Amazon.Com Inc	2.500	6/3/2050
American Express CO	4.420	8/3/2033
Amgen Inc	2.300	2/25/2031
Amgen Inc	5.250	3/2/2033
Anheuser-Busch Inbev Fin	4.900	2/1/2046
Apple Inc	4.850	5/10/2053
AT&T Inc	2.250	2/1/2032
AT&T Inc	4.750	5/15/2046
Bank of America Corp	3.846	3/8/2037
Bank of America Corp	5.288	4/25/2034
Bank of America Corp	3.593	7/21/2028
Bat Capital Corp	2.726	3/25/2031
Berkshire Hathaway Energ	4.500	2/1/2045
Boeing CO	2.196	2/4/2026
Bristol-Myers Squibb CO	6.250	11/15/2053
Capital One Financial CO	3.800	1/31/2028
Charter Comm Opt Llc/Cap	4.908	7/23/2025
Cigna Group/the	4.900	12/15/2048
Citigroup Inc	4.450	9/29/2027
Citigroup Inc	4.650	7/30/2045
Comcast Corp	4.400	8/15/2035
Comcast Corp	3.950	10/15/2025
Commonwealth Edison CO	4.350	11/15/2045
Conocophillips Company	5.550	3/15/2054
Dollar General Corp	3.500	4/3/2030
Duke Energy Corp	5.000	8/15/2052

Other sample holdings (continued)

Enbridge Inc	3.700	7/15/2027
Energy Transfer Lp	4.200	4/15/2027
Enterprise Products Oper	3.700	2/15/2026
Eog Resources Inc	3.150	4/1/2025
Equinix Inc	3.200	11/18/2029
Fifth Third Bancorp	4.337	4/25/2033
Gilead Sciences Inc	5.250	10/15/2033
Glaxosmithkline Cap Inc	3.875	5/15/2028
Goldman Sachs Group Inc	3.750	5/22/2025
Goldman Sachs Group Inc	2.383	7/21/2032
Hca Inc	5.250	4/15/2025
Healthpeak Op Llc	3.500	7/15/2029
Home Depot Inc	3.900	12/6/2028
Intercontinentalexchange	4.950	6/15/2052
Jpmorgan Chase & CO	3.540	5/1/2028
Kraft Heinz Foods CO	4.625	1/30/2029
Mcdonald's Corp	4.600	9/9/2032
Meta Platforms Inc	3.850	8/15/2032
Micron Technology Inc	4.185	2/15/2027
Morgan Stanley	2.484	9/16/2036
Oracle Corp	6.900	11/9/2052
Oracle Corp	2.950	5/15/2025
Pfizer Investment Enter	4.750	5/19/2033
Physicians Realty Lp	4.300	3/15/2027
Pioneer Natural Resource	1.900	8/15/2030
Pnc Financial Services	5.582	6/12/2029
Rtx Corp	6.100	3/15/2034
Sherwin-Williams CO	4.500	6/1/2047
Trane Tech Fin Ltd	3.550	11/1/2024
Truist Financial Corp	7.161	10/30/2029
United Air 2020-1 a Ptt	5.875	10/15/2027
Unitedhealth Group Inc	3.750	7/15/2025
Unitedhealth Group Inc	4.750	5/15/2052
Verizon Communications	2.625	8/15/2026
Verizon Communications	2.875	11/20/2050
Virginia Elec & Power CO	4.625	5/15/2052
Walmart Inc	4.500	4/15/2053
Walt Disney Company/the	3.350	3/24/2025
Zoetis Inc	4.500	11/13/2025

This table illustrates the composition of a model portfolio as of the date listed and should not be considered as a recommendation to purchase or sell a particular security; additionally, there is no assurance that the securities purchased remain in the portfolio or that securities sold have not been repurchased. Past performance does not guarantee future results. Holdings may vary depending on program sponsor restrictions or specific client guidelines. To obtain a list of all recommendations made by Invesco Managed Accounts, LLC. in this investment style during the last year, please contact Invesco Managed Accounts, LLC. at 866 769 2773.

Quarterly returns

Period	"Pure" gross return* (%)	Net return (%)	Bloomberg U.S. Credit Index Total Return (%)
YTD	8.36	6.76	8.18
4Q23	7.99	7.60	8.15
3Q23	-2.64	-3.01	-3.01
2Q23	-0.13	-0.50	-0.31
1Q23	3.19	2.81	3.45

Annualized compound returns **as of Dec. 31, 2023**

Period	"Pure" gross return* (%)	Net return (%)	Bloomberg U.S. Credit Index Total Return (%)
1 Year	8.36	6.76	8.18
3 Year	-2.16	-3.62	-3.21
5 Year	3.32	1.81	2.45
Since Inception (01/01/16)	3.11	1.41	2.71

Returns less than one year are not annualized.

* "Pure" gross of fees returns do not reflect the deduction of trading costs or any other expenses, and are supplemental to net returns. See note 5 on page 4.

Invesco Investment Grade Corporate Bond SMA Wrap composite as of Dec. 31, 2022

Year	"Pure" gross return* (%)	Net return (%)	Bloomberg U.S. Credit Index total 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)	% wrap assets
2022	-12.87	-14.18	-15.26	0.00	8.76	8.93	12	6	865	100
2021	-0.80	-2.28	-1.08	N/A	6.98	6.58	<5	0.27	975	100
2020	9.51	8.02	9.35	N/A	6.86	6.41	<5	0.27	876	100
2019	14.80	13.11	13.80	N/A	3.72	3.53	<5	0.25	826	100
2018	-2.74	-4.18	-2.11	N/A	3.68	3.57	<5	0.22	579	100
2017	6.09	4.53	6.18	N/A	N/A	N/A	<5	0.22	660	100
2016	5.17	2.07	5.63	N/A	N/A	N/A	<5	0.21	599	100

Annualized compound returns **as of Dec. 31, 2022**

Period	"Pure" gross return* (%)	Net return (%)	Bloomberg U.S. Credit Index Total Return (%)
1 Year	-12.87	-14.18	-15.26
3 Year	-1.81	-3.24	-2.86
5 Year	1.11	-0.37	0.42
Since Inception (01/01/16)	2.38	0.67	1.96

Returns less than one year are not annualized.
* "Pure" gross of fees returns do not reflect the deduction of trading costs or any other expenses, and are supplemental to net returns. See note 5.

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2. 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.
3. 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.
4. The Invesco Investment Grade Corporate Bond SMA Composite (formerly named Invesco Investment Grade Credit SMA Wrap Composite) includes all discretionary accounts styled after the Invesco Investment Grade Credit SMA Model Portfolio, which seeks to provide current income with potential capital appreciation for total return by investing primarily in corporate debt securities. For all periods, the composite was composed of 100% non-fee paying discretionary wrap accounts. The composite is managed in comparison to, not duplication of, the benchmark. The composite was created in January 2016.
5. "Pure" gross of fees returns do not reflect the deduction of trading costs or any other expenses, and are supplemental to net returns. Performance results are presented both net and gross of total wrap fees. For periods beginning January 1, 2017, the net returns reflect the deduction of the maximum total wrap fee, which is currently 1.50% per annum. On a monthly basis approximately 0.125% (based on the geometric calculation) is reduced from the "pure" gross return. A model fee is the highest wrap fee a client could pay (1.50% annually as charged by the program sponsor). Prior to January 1, 2017, the net returns reflect the deduction of the maximum total wrap fee of 3.00% per annum or 0.25% monthly, from the "pure" gross return. The total wrap fee includes all charges for trading costs, portfolio management, custody and other administrative fees. The standard wrap fee schedule currently in effect is as follows: 1.50% on total assets. Actual fees may vary depending on, among other things, the applicable fee schedule and portfolio size.
6. The Bloomberg U.S. Credit Index Total Return (TR) is an unmanaged index considered representative of publicly issued, SEC-registered U.S. corporate and specified foreign debentures and secured notes. The benchmark is used for comparative purposes only and generally reflects the risk or investment style of the product. 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.
7. 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.
8. 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. Effective June 30, 2021, the composite name changed from the Invesco Investment Grade Credit SMA Wrap Composite to the Invesco Investment Grade Corporate Bond 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.

FOR PUBLIC USE All data as of Dec. 31, 2023

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