

# **Corporate Bond Ladders SMA**

## 12/31/23

### Firm overview

Federated Hermes, Inc. is a leading \$757.6 billion global investment manager (assets under management as of 12/31/23). Guided by our conviction that responsible investing is the best way to create wealth over the long term, Federated Hermes offers world-class investment management and engagement services. Our products span equity, fixed-income, alternative/private markets, multi-asset and liquidity management strategies and a range of separately managed account strategies, all distributed through a network of institutions and intermediaries worldwide.

### **Composites**

Federated Hermes Corporate 0-5 Year Ladder SMA

Federated Hermes Corporate 0-10 Year Ladder SMA

### Index 1

Bloomberg 1-5 Year US Treasury Index

### Index 2

Bloomberg US Intermediate Treasury Index

### Key investment team

Robert Ostrowski, CFA Denis Doherty, CFA Robert Schwartz

## Objective

The Corporate Bond Ladders SMAs seek to provide income that is relatively stable compared to interest rate movements.

## Philosophy

Ladders are appropriate for investors who seek regular income and prefer holding most bonds to maturity, thus reducing principle gains and losses.

### **Strategies**

- Corporate 0-5 Year Ladder
- Corporate 0-10 Year Ladder

## Goal: Buy and hold with credit oversight

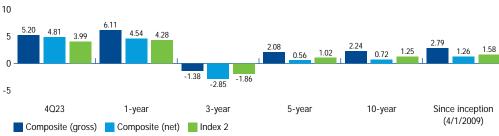
- Individual investment-grade credits and occasionally Treasury bonds
- May sell security if there is material deterioration of credit
- May realize principle loss
- Target 20-50 maturities
- \$250,000 minimum

## Target audience

- Seeks higher income (wants higher yield than Treasuries)
- Seeks predictable coupon income generated by ladder
- Prefers liquidity provided by regular maturities

### Annualized returns (%)





Data as of 12/31/23. Refer to the attached GIPS® report for additional information.

Total returns for periods of less than one year are cumulative.

While there is no assurance that the strategy will achieve its objective, the advisor endeavors to do so by selecting securities in the manner described in this document. Performance data quoted represents past performance, which is no guarantee of future results.

Corporate universe

Qualitative analysis

Quantitative analysis

Relative value analysis



## Corporate 0-5 Year Ladder

## Portfolio characteristics

	Portfolio	Index 1
Holdings	51	157
Effective duration (years)	1.87	2.63
Yield to maturity	4.79%	4.16%

## Portfolio quality (%)

	Portfolio
AAA	4.96
AA	21.31
A	53.14
BBB	20.58

## Top holdings (%)

	% of Portfolio
Microsoft Corporation 2.875% 06-feb-2024	2.87
Wells Fargo & Company 3.75% 24-jan-2024	2.59
Pepsico, Inc. 2.25% 19-mar-2025	2.30
Exxon Mobil Corporation 3.176% 15-mar-2024	2.17
Walt Disney Company 1.75% 13-jan-2026	2.15

## Calendar year returns (%)

	Composite (gross)	Composite (net)	Index 1
2014	1.58	0.07	1.17
2015	1.32	-0.19	0.92
2016	1.60	0.09	1.02
2017	1.65	0.14	0.68
2018	1.57	0.06	1.51
2019	5.45	3.88	4.25
2020	4.41	2.86	4.38
2021	-0.54	-2.02	-1.19
2022	-3.61	-5.05	-5.47
2023	4.94	3.39	4.37

# Corporate 0-10 Year Ladder

## Portfolio characteristics

	Portfolio	Index 2
Holdings	49	205
Effective duration (years)	3.92	3.68
Yield to maturity	4.63%	4.07%

## Portfolio quality (%)

	Portfolio
AAA	5.55
AA	27.10
A	52.61
BBB	14.74

## Top holdings (%)

	% of Portfolio
Exxon Mobil Corporation 3.176% 15-mar-2024	3.20
Walmart Inc. 3.7% 26-jun-2028	3.05
Johnson & Johnson 2.95% 03-mar-2027	2.92
Equinor Asa 3.7% 01-mar-2024	2.91
Microsoft Corporation 3.125% 03-nov-2025	2.64

## Calendar year returns (%)

	Composite (gross)	Composite (net)	Index 2
2014	4.39	2.84	2.57
2015	2.03	0.52	1.18
2016	2.20	0.68	1.06
2017	2.96	1.43	1.14
2018	0.48	-1.02	1.41
2019	8.23	6.63	5.22
2020	6.77	5.19	5.77
2021	-1.43	-2.90	-1.72
2022	-8.29	-9.67	-7.77
2023	6.11	4.54	4.28

### Schedule of rates of return and statistics

Composite Federated Hermes Corporate 0-5 Year Ladder SMA

Index Bloomberg 1-5 Year US Treasury Index

Periods ending 12/31/2023

#### Returns (%)

	Composite pure gross return^	Index	Net composite return (assuming maximum fee)		
Q4 23	3.01	3.21	2.62		
1 Year	4.94	4.37	3.39		
3 Years (Annizd)	0.20	-0.85	-1.29		
5 Years (Annizd)	2.07	1.18	0.55		
7 Years (Annizd)	1.94	1.16	0.42		
10 Years (Annizd)	1.80	1.12	0.29		
Jan 10 - Dec 23 (Annizd)^^	1.92	1.36	0.40		

	Composite pure gross return (%)^	Composite net return (%)	Benchmark return (%)	*Composite 3-yr std dev	*Benchmark 3-yr std dev	Number of portfolios	Dispersion**	Composite assets (\$mil)	Firm assets (\$bil)
2014	1.58	0.07	1.17	1.13	0.97	<5	N/A	27.8	349.3
2015	1.32	-0.19	0.92	1.16	1.14	<5	N/A	26.7	343.4
2016	1.60	0.09	1.02	1.18	1.43	<5	N/A	0.3	342.3
2017	1.65	0.14	0.68	1.07	1.39	<5	N/A	2.0	354.7
2018	1.57	0.06	1.51	1.10	1.47	<5	N/A	1.4	377.2
2019	5.45	3.88	4.25	1.11	1.44	<5	N/A	2.5	503.1
2020	4.41	2.86	4.38	1.59	1.74	7	0.01	4.1	585.7
2021	-0.54	-2.02	-1.19	1.63	1.69	5	0.00	3.0	634.2
2022	-3.61	-5.05	-5.47	2.42	2.52	8	0.05	7.9	627.4
2023	4.94	3.39	4.37	2.60	3.00	22	0.05	14.2	720.0

This composite is comprised of all separately managed account portfolios with the authority to invest in treasuries, agencies, and corporates that are managed in a laddered structure out to approximately five years on the ladder. Portfolios in this style are generally benchmarked against the Bloomberg 1-5 Year US Treasury Index. The Bloomberg 1-5 Year US Treasury lidex measures the performance of U.S. dollar-denominated, fixed-rate, nominal debt issued by the U.S. Treasury with remaining years to maturity between 1 and 5 years. Indexes are unmanaged and cannot be invested in directly. Accounts eligible for this composite must have wrapped or bundled fees, follow this style, and be fully discretionary. Accounts eligible for this composite generally are stand-alone portfolios and not part of a balanced portfolio. Wrap fee accounts make up 100% of this composite for all time periods. Separate accounts eligible for this composite generally have a minimum of \$250,000 at the time of opening. Effective 4Q2022, accounts deemed as non-U.S. investors are not permitted in this composite teffective 2Q2009, the significant cash flow policy in effect for this composite requires portfolios with a 10% or larger cash flow to be removed from the composite until it is invested in line with the model. Additional detail on this policy is available upon request. This composite was created in June 2009. Federated Hermes has managed portfolios in this investment style since July 2009. Federated Hermes claims compliance with the Global Investment Performance Standards ("GIPS®") and has prepared and presented this report in compliance with the GIPS® standards. Federated Hermes has been independently verified for the period of January 1, 1992, through September 30, 2023. The verification report is available upon request. A firm that claims compliance with the GIPS® standards must establish policies and procedures related to composite and pooled fund maintenance, as well as the calculation, presentation, and distribution of performance, h

<sup>^</sup>Pure gross returns are shown as supplemental and do not reflect the deduction of transaction costs.

<sup>^^</sup>Represents composite inception period. See additional notes to the schedule of rates of return and statistics.

<sup>\*</sup>Represents the 3-year annualized standard deviation for both the gross composite and the index returns. Statistic is used to measure volatility of composite returns.

<sup>\*\*</sup>Standard deviation is calculated using gross returns. Standard deviation is not applicable ("N/A") for any period if fewer than five accounts are in the composite for that period. (See footnote 5)

### Schedule of rates of return and statistics

Composite Federated Hermes Corporate 0-10 Year Ladder SMA

Index Bloomberg US Intermediate Treasury Index

Periods ending 12/31/2023

### Returns (%)

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	Composite pure gross return^	Index	Net composite return (assuming maximum fee)
Q4 23	5.20	3.99	4.81
1 Year	6.11	4.28	4.54
3 Years (Annizd)	-1.38	-1.86	-2.85
5 Years (Annizd)	2.08	1.02	0.56
7 Years (Annizd)	1.98	1.09	0.46
10 Years (Annizd)	2.24	1.25	0.72
Apr 09 - Dec 23 (Annizd)^^	2.79	1.58	1.26

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2014	4.39	2.84	2.57	2.41	1.78	<5	N/A	1.9	349.3
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2020	6.77	5.19	5.77	3.08	2.53	<5	N/A	2.2	585.7
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2023	6.11	4.54	4.28	5.36	4.18	<5	N/A	3.2	720.0

This composite is comprised of all separately managed accounts portfolios with the authority to invest in treasuries, agencies, and corporates that are managed in a laddered structure out to approximately ten years on the ladder. Portfolios in this style are generally benchmarked against the Bloomberg US Intermediate Treasury Index. The Bloomberg US Intermediate Treasury Index represents the public obligations of the US Treasury Index with a remaining of one year and less than ten years. Indexes are unmanaged and cannot be invested in directly. Accounts eligible for this composite must have wrapped or bundled fees, follow this style, and be fully discretionary. Accounts eligible for this composite generally are stand-alone portfolios and not part of a balanced portfolio. Wrap fee accounts make up 100% of this composite for all time periods. Separate accounts eligible for this composite generally have a minimum of \$250,000 at the time of opening. Effective 402022, accounts deemed as non-U.S. investors are not permitted in this composite. Effective 202009, the significant cash flow policy in effect for this composite requires portfolios with a 10% or larger cash flow to be removed from the composite until it is invested in line with the model. Additional detail on this policy is available upon request. This composite was created in March 2009. Federated Hermes has managed portfolios in this investment style since March 2009. Performance shown for 2009 is for a partial period starting on April 1, 2009. Federated Hermes claims compliance with the Global Investment Performance Standards ("GIPS®") and has prepared and presented this report in compliance with the GIPS® standards. Federated Hermes has been independently verified for the period of January 1, 1992, through March 31, 2023. The verification report is 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 pro

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<sup>\*</sup>Represents the 3-year annualized standard deviation for both the gross composite and the index returns. Statistic is used to measure volatility of composite returns.

<sup>\*\*</sup>Standard deviation is calculated using gross returns. Standard deviation is not applicable ("N/A") for any period if fewer than five accounts are in the composite for that period. (See footnote 5)

### Notes to the schedule of rates of return and statistics

- 1. Federated Hermes is a global, independent, multi-strategy investment management firm. For GIPS® purposes, Federated Hermes is defined to include the assets of registered investment companies that are advised or sub-advised by the various Federated Hermes advisory companies. Effective September 30, 2020, for GIPS® purposes the name of the firm was officially changed to Federated Hermes. Firm assets on this report exclude assets affiliated with Hermes GPE and the advisory-only, model-based assets that may be included in other reports providing total firm
- Interest income and dividends are recognized on an accrual basis. Returns include the reinvestment of all income.
- 3. All market values and performance information are valued in USD unless currency is denoted in composite description.
- 4. Annual composite dispersion is measured and presented using the asset weighted standard deviation of the gross returns of all of the portfolios included in the composite over the entire year. Prior to January 2023, annual dispersion for the CW Henderson composites was measured using the equal weighted standard deviation of the returns of all the portfolios included in the composite over the entire year. Effective January 2023 this was changed to asset weighted. Prior to March 2020 with regard to Federated Clover Investment Advisors composites, annual dispersion was measured using the equal weighted standard deviation of the returns of all the portfolios included in the composite over the entire year.
- 5. Composite dispersion does not measure the risk of the product presented; it simply measures the return variance among portfolios managed in a similar fashion. This variance can be affected by variations in cash flow or specific client parameters among the portfolios comprising the composites, as well as by execution of strategy across accounts.

- 6. See the composite description language for a discussion on appropriate fees currently applied to calculate composite performance. With regard to the institutional composites not managed by the MDT Advisers and Federated Hermes London office teams, for the period July 1, 1992 through September 30, 2009, net of fee performance was calculated monthly by reducing the gross composite return by the highest actual fee of any account in the composite for that month, regardless of investment vehicle. Prior to July 1992, the maximum management fee for third quarter 1992 was used to calculate net of fee performance historically to inception of the composite. For those composites managed by the Federated Hermes London office investment team, net composite results are based off model fees using the stated fee schedule. In addition, further fee information can be obtained from the firm's respective Forms ADV Part 2 Brochure Item 5.
- Additional information regarding the policies for valuing investments, calculating performance, and preparing GIPS® reports, as well as a complete list and description of the firm's composites and pooled funds is available upon request.
- 8. Past performance is not indicative of future results.
- 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.
- See disclosures on the Schedule of Rates of Return and Statistics Reports for additional information.

The characteristics are based on a portfolio which is used as a guide for cloning (or managing) underlying accounts to a particular strategy. Taking into consideration individual investor circumstances could cause deviation from this guide (e.g. restrictions, tax requests, etc.). Portfolio characteristics are as of 12/31/23 and are based on individual securities in the portfolio on that date. Securities in the portfolio are subject to change.

Since this is a managed portfolio and market conditions can fluctuate suddenly and frequently, the portfolio holdings and investment mix will change.

**Effective duration:** A measure of a security's price sensitivity to changes in interest rates. One of the methods of calculating the risk associated with interest rate changes on securities such as bonds.

Yield to maturity (YTM): Used to determine the rate of return an investor would receive if a long-term, interest-bearing investment, such as a bond, is held to its maturity date. It takes into account purchase price, redemption value, time to maturity, coupon yield and the time between interest payments.

Index descriptions (An index is unmanaged and has no expenses, and it is not possible to invest directly in an index.)

**Bloomberg 1-5 Year US Treasury Index:** Includes all publicly issued, U.S. Treasury securities that have a remaining maturity of greater than or equal to one year and less than five years, are rated investment grade and have \$250 million or more of outstanding face value. In addition, the securities must be denominated in U.S. dollars and must be fixed rate and non-convertible.

**Bloomberg US Intermediate Treasury Index:** Includes all publicly issued, U.S. Treasury securities that have a remaining maturity of greater than or equal to one year and less than 10 years, are rated investment grade and have \$250 million or more of outstanding face value.

#### Risk considerations

Bond prices are sensitive to changes in interest rates and a rise in interest rates can cause a decline in their prices.