

# Emerging Market Investment Grade Debt

December 31, 2021

## Inception Date

April 1, 2015

## Total Strategy Assets<sup>1</sup>

\$2.3 billion

## Portfolio Managers

Dominic Guillosoy, CFA  
Thomas Smith

## Strategy Vehicles

- Separately Managed Account

## Benchmark<sup>2</sup>

50% JP Morgan EMBI Global  
Diversified Investment Grade / 50%  
JP Morgan CEMBI Broad Diversified  
Investment Grade

## Typical Targets<sup>3</sup>

Alpha (bps)	100
Tracking Error (bps)	75 - 125
USD Sovereign / Quasi-Sovereign (%)	25 - 100
Corporates (%)	25 - 100
Non-U.S. Dollar EM (%)	0 - 10
Cash (%)	0 - 10

## OUR STRENGTHS

We believe our key competitive strengths are:

- **People** — Our platform is truly global. We have long-term experience in Emerging Markets, navigating through economic cycles and changing market conditions. Our global credit research team provides local coverage and knowledge of relevant emerging markets.
- **Philosophy** — We believe emerging markets securities are frequently mispriced based on their exposure to country, currency and credit risk.
- **Process** — The portfolio construction process blends a top-down country view with a focused bottom-up security selection. Fluid communication among team members facilitates continuous idea generation.
- **Size** — Our size ensures there is sufficient diversification at the portfolio level, combined with our ability to source new issue allocations around the globe, and remain sufficiently nimble to reposition the portfolio as market opportunities arise.

## PHILOSOPHY AND PROCESS

We believe emerging market securities are frequently mispriced based on their exposure to country, currency, and credit risk.

We seek to exploit inefficiencies in the market and provide clients with excess returns to the benchmark by:

- Conducting proprietary, in-depth fundamental sovereign and corporate research
- Focusing on global relative value across the credit spectrum
- Constructing diversified portfolios with attractive risk / reward characteristics
- Utilizing both US dollar and non-dollar securities

## ALPHA DRIVERS

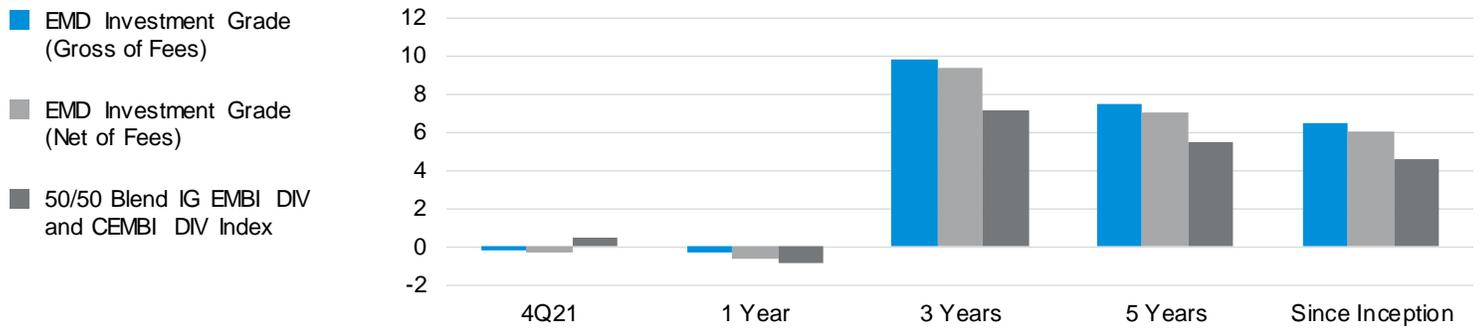
- Focus on security selection, currency selection and country selection as the primary sources of alpha.
- Seek to achieve excess returns to the benchmark by applying bottom-up security selection within a framework that provides a top-down macroeconomic overlay.
- Believe in the ability to turn the portfolio over to source new ideas at attractive levels and aim to exit positions with rich valuations.
- Find opportunities that are attractive on a global basis.

1. Stated at estimated fair value (unaudited). Emerging Market Investment Grade Debt is a strategy of public fixed income assets. Total Strategy Assets for Emerging Market Investment Grade Debt include all assets managed by MIM in the Emerging Market Investment Grade Debt strategy and may include certain assets that are not included in Composite Assets (as presented in GIPS® Composite Statistics and Performance table on the following page) for Emerging Market Investment Grade Debt.

2. Please see the full GIPS® disclosures at the end of this document.

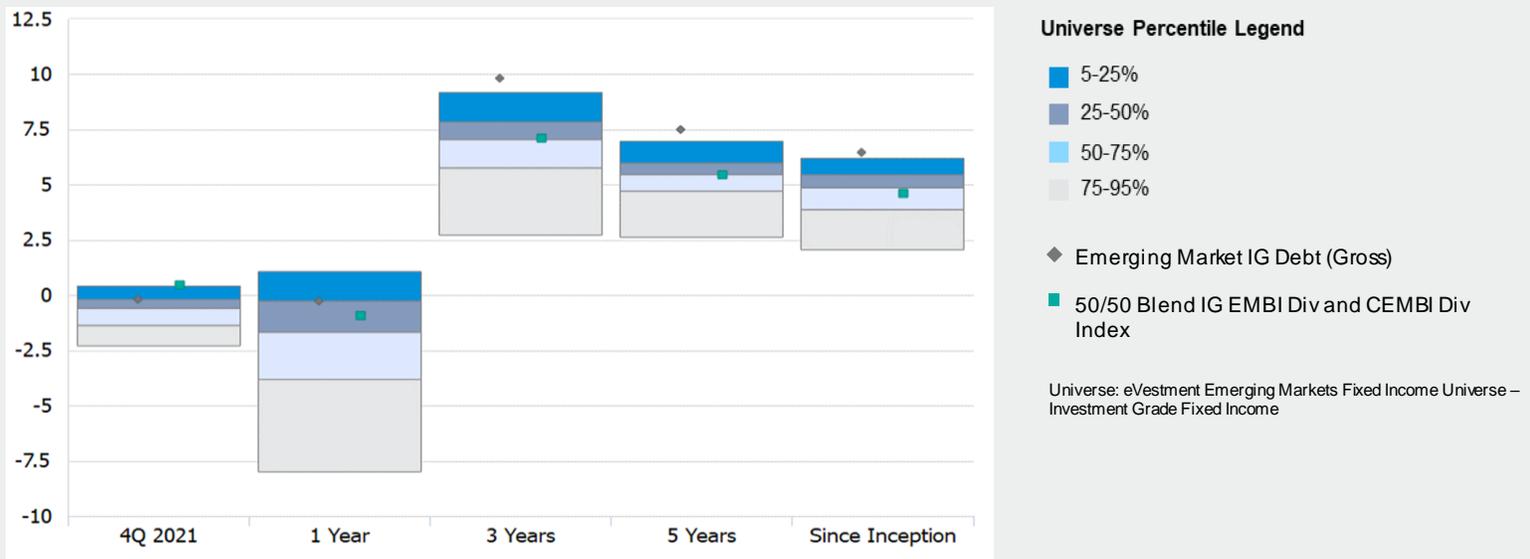
3. Any portfolio targets and/or limits are used to illustrate the Investment Manager's current intentions and may be subject to change without notice. Target Alpha is an investment objective and not a promise of future results or performance. This target is considered gross of fees and over a 3 to 5 year time horizon under normal market conditions. There can be no assurance that a portfolio will achieve its target alpha.

## COMPOSITE PERFORMANCE (%)<sup>1</sup>



	4Q21	1 Year	3 Years	5 Years	Since Inception
<b>EMD Investment Grade (Gross of fees)</b>	<b>-0.19</b>	<b>-0.27</b>	<b>9.82</b>	<b>7.50</b>	<b>6.46</b>
<b>EMD Investment Grade (Net of fees)</b>	<b>-0.30</b>	<b>-0.68</b>	<b>9.39</b>	<b>7.03</b>	<b>5.98</b>
50/50 Blend IG EMBI DIV and CEMBI DIV Index	0.46	-0.92	7.11	5.45	4.61

## RELATIVE PERFORMANCE (GROSS OF FEES)<sup>2</sup>



1. Past performance is not indicative of future results. Net of fee returns reflect the deduction of investment advisory fees and are calculated in the same manner as gross of fee returns. Net of fee returns are calculated using the highest fee rate disclosed in the Form ADV. Fees for separate accounts may be negotiable depending upon asset size and type of account.

2. The eVestment Universe ranking is calculated by eVestment using investment performance returns gross of fees and strategy descriptions self-reported by participating investment managers and are not verified or guaranteed by eVestment. eVestment defines each Universe and selects the participating managers for the Universe it determines have similar investment strategies. The Universe ranking uses gross performance as manager fees may vary so that returns will be reduced when advisory fees are deducted. Performance returns for periods greater than one year are annualized. Additional information regarding net performance rankings is available upon request. The reports of the Universe percentile ranks were sourced on January 26, 2022 and represents 78% of the reported eVestment All Emerging Markets Fixed Income Universe – Investment Grade Fixed Income as of that date. MIM has not verified and cannot verify the information from outside sources.

## QUARTERLY PERFORMANCE ATTRIBUTION

The EM IG Blend strategy underperformed the benchmark during the fourth quarter, weakened by corporate security selection. China names were hurt, as they continue to struggle with finding short term funding options for their capital needs. Brazilian transportation names weighed on performance as the variant caused re-opening concerns in November. Also detracting were overweights to Colombian and Brazilian assets given the social and political tensions. Pressure from the electricity reform bill in Mexico weighed on holdings. Despite a healthy underweight to Russia sovereign, security selection within corporates weighed on performance. In the sovereign space, exposure to high yield names weighed on returns as risk-off sentiment returned to the market in November, driven by fears of slowing global growth and Omicron lockdowns, and bonds were not able to fully reverse losses during the December strength.

To offset some of these detractors, exposure to the quasi-sovereign announced a liability management transaction supported by capitalization from the government. The weakness in China spilled into the overall region which has historically traded rich, causing asset prices to decline. Consequently, underweights in the region also contributed positively to performance. Higher beta investment grade names in Chile followed the risk-on sentiment to end the quarter. Exposure within Peru saw a nice rally to start the quarter following a cabinet shuffle and reappointment of the Central Bank governor pointing towards more political moderation than initial expected under Castillo.

## STRATEGY

The EM IG Blend strategy underperformed the benchmark during the fourth quarter, weakened by corporate security selection. Positioning in the China property sector underperformed, as the space continues to struggle with finding short term funding options for their capital needs. Latin American transportation names weighed on performance as the variant caused re-opening concerns in November. Also detracting were overweight to Latin American assets impacted by social and political tensions. Pressure from the electricity reform bill in Mexico weighed on select holdings. Despite underweight exposure to Eastern European countries, security selection lessened returns the countries face pressure with the building Russia/Ukraine conflict. In the sovereign space, exposure to high yield names weighed on returns as risk-off sentiment returned to the market in November, driven by fears of slowing global growth and Omicron lockdowns, and bonds were not able to fully reverse losses during the December strength.

To offset some of these detractors, exposure to a quasi-sovereign which announced a liability management transaction supported by capitalization from the government positively contributed. The weakness in China spilled into the overall region which has historically traded rich, causing asset prices to decline. Consequently, underweights in the overall region also contributed positively to performance. Some investment grade Latin American corporates followed the risk-on rally to end the quarter. Select off-index local exposure in Latin America saw a nice rally to start the quarter following political shuffles pointing towards more moderation than initially expected under the new regime.

The views presented above are MIM's and are subject to change over time. There can be no assurance that the views expressed above will prove accurate and should not be relied upon as a reliable indicator of future events.

## STRATEGY CHARACTERISTICS<sup>1</sup>

	Yield To Maturity (%)	Effective Duration (years)	Average Credit Quality
<b>EMD Investment Grade</b>	<b>3.53</b>	<b>7.73</b>	<b>Baa1 / BBB+</b>
50/50 Blend IG EMBI DIV and CEMBI DIV Index	2.63	7.50	A3 / BBB+

## SECTOR POSITIONING<sup>1</sup>

REGIONS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
NORTH AMERICA	9.4	8.5
EMERGING EUROPE	4.7	-5.4
LATIN AMERICA	35.1	12.3
ASIA	21.4	-18.8
MIDDLE EAST / AFRICA	29.5	2.3

REGIONS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
EMBI	34.20	-15.80
CEMBI	57.43	7.43
NON-DOLLAR	0.66	0.66
CASH	2.38	2.38
Other (Treasury)	5.34	5.34

## CREDIT QUALITY DISTRIBUTION<sup>1</sup>

RATINGS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
AAA/Cash	7.7	7.6
AA	7.1	-3.3
A	17.1	-14.6
BBB	50.6	-7.1
BB & Below	17.5	17.4

## TOP 5 CORPORATE SECTORS<sup>1</sup>

SECTORS	Market Value (%)	
	EMD Investment Grade	Active Weight vs. 50/50 Blend IG EMBI DIV and CEMBI DIV Index
UTILITIES	14.4	7.4
OIL & GAS	10.9	4.8
METALS & MINING	3.0	1.2
INDUSTRIAL	6.4	1.1
TMT	5.4	1.0

1. The characteristics displayed are for a representative account for this investment strategy. Actual account characteristics may differ. The benchmark data is that of the 50% JP Morgan EMBI Global Diversified Investment Grade / 50% JP Morgan CEMBI Broad Diversified Investment Grade Index. All data above is provided for illustrative purposes only. This data is supplemental to the information required in a GIPS® compliant document. Credit ratings reflect the index provider's credit quality methodology. Average quality excludes cash and securities that are not rated.

## COMPOSITE STATISTICS AND PERFORMANCE

Year	Gross-of-fee Return	Net-of-fee RETURN	Benchmark Return <sup>1</sup>	Number Of Portfolios	Dispersion Stdv <sup>2</sup>	Composite 3 Yr Stdv <sup>3</sup>	Benchmark 3 Yr Stdv <sup>3</sup>	Composite Assets	% Total Firm Assets
<b>4/1/2015 (Inception) to 12/31/2015</b>	-2.11%	-2.48%	-2.33%	≤ 5	N/A	N/A	N/A	\$98,657,761	<1%
<b>2016</b>	8.60%	8.06%	6.43%	≤ 5	N/A	N/A	N/A	\$107,137,617	<1%
<b>2017</b>	9.76%	9.22%	7.73%	≤ 5	N/A	N/A	N/A	\$117,471,594	<1%
<b>2018</b>	-1.25%	-1.75%	-1.50%	≤ 5	N/A	4.10%	4.00%	\$116,254,216	<1%
<b>2019</b>	18.00%	17.51%	14.59%	≤ 5	N/A	3.43%	3.47%	\$137,052,703	<1%
<b>2020</b>	12.54%	12.15%	8.24%	≤ 5	N/A	9.32%	6.89%	\$154,256,659	<1%
<b>2021</b>	-0.30%	-0.30%	-0.92%	≤ 5	N/A	9.35%	6.88%	\$280,942,564	<1%

Past performance is not indicative of future results. The information presented is only available for institutional client use.

1. The performance benchmark for the Emerging Market Investment Grade Debt composite is a 50/50 blend of the JP Morgan Emerging Markets Bond Index Global Diversified Investment Grade Index and the JP Morgan Corporate Emerging Market Bond Index Broad Diversified Investment Grade Index. The Emerging Market Investment Grade Debt strategy does not invest in all regions or sectors within the benchmark. It is not possible to invest directly in an unmanaged index. All index returns presented are provided to represent the investment environment existing during the time periods shown and will not be covered by the future report of independent verifiers. For comparison purposes, the index is fully invested and includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs.
2. The dispersion of annual returns is measured by the standard deviation among asset-weighted portfolio returns represented in the composite for the full year. "N/A" is an indication that the information is not statistically meaningful due to an insufficient number of portfolios (five or fewer) in the composite for the entire year. Standard deviation is only presented for accounts managed for a full calendar year.
3. The three-year annualized standard deviation measures the variability of the composite and the benchmark returns over the preceding 36 month period. It is not presented for quarter-ends and periods when 36 monthly composite returns were not available.

For purposes of the Global Investment Performance Standards ("GIPS") compliance, the "Firm" is defined as MetLife Investment Management ("MIM"). MIM is MetLife, Inc.'s institutional investment management business. The Firm is defined to include all accounts captured in MetLife's Assets Under Management. On September 15, 2017, MetLife, Inc. ("MetLife") acquired Logan Circle Partners ("LCP") and the Firm was redefined as of July 1, 2019 to include LCP in the MIM assets.

MetLife Investment Management claims compliance with the Global Investment Performance Standards (GIPS®) and has prepared and presented this report in compliance with the GIPS standards. MetLife Investment Management has been independently verified for periods **January 1, 2011 through June 30, 2019**. 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. **The Emerging Market Investment Grade Debt composite has had a performance examination for the periods April 1, 2015 through June 30, 2019.** The verification and performance examination reports are available upon request.

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The creation date of the Emerging Market Investment Grade Debt Composite is January 14, 2016 and the inception date is April 1, 2015.

The Emerging Market Investment Grade Debt strategy seeks to generate current income and total return over changing market conditions by investing in bonds issued by corporations and sovereign entities across the global emerging markets using credit research and focusing on country and security selection across the credit spectrum. Derivatives make up a part of the composite strategy and the Firm utilizes futures, forwards and interest rate swaps. Effective January 1, 2019, the composite name was changed from Emerging Markets Debt to Emerging Market Investment Grade Debt. Effective March 1, 2021 the Emerging Market Investment Grade Debt composite contains fully discretionary, fee-paying fixed income accounts with assets exceeding \$50 million, managed in accordance with the applicable composite strategy except as otherwise excluded herein. Prior to March 21, 2021 there was no minimum account size for the Emerging Market Investment Grade Debt composite. The composite includes all portfolios managed on a discretionary basis according to the applicable composite strategy except as otherwise excluded herein. The Firm maintains a complete list and description of composites, which are available upon request. Policies for valuing portfolios, calculating performance and preparing compliant presentations are available upon request.

The performance benchmark is a 50/50 blend of the JP Morgan Emerging Markets Bond Index ("EMBI") Global Diversified Investment Grade Index and the JP Morgan Corporate Emerging Market Bond Index ("CEMBI") Broad Diversified Investment Grade Index. The benchmark is rebalanced daily, and is an unmanaged portfolio constructed to mirror the emerging markets debt market. The JP Morgan EMBI Global Diversified Investment Grade Index includes Investment Grade US dollar-denominated Brady bonds, Eurobonds, and traded loans issued by sovereign and quasi-sovereign entities. JP Morgan defines investment grade as a credit rating of BBB or above, based on the middle rating of the S&P, Moody's and Fitch ratings. The EMBI Global Diversified Index limits the current face amount allocations of the bonds in the Index and caps the maximum weight of countries at 10%. The JP Morgan CEMBI Broad Diversified Investment Grade Index is a global benchmark for Investment Grade US-dollar corporate emerging market bonds and includes a specific set of emerging markets countries. JP Morgan defines investment grade as a credit rating of BBB or above, based on the middle rating of the S&P, Moody's and Fitch ratings. JP Morgan CEMBI Broad Diversified Investment Grade Index limits the weights of those index countries with larger corporate debt stocks by only including a specified portion of these countries' eligible current face amounts of debt outstanding, effectively capping country weightings at 10% of the total index. The Emerging Market Investment Grade Debt strategy does not invest in all regions or sectors within the benchmark. It is not possible to invest directly in an unmanaged index. All index returns presented are provided to represent the investment environment existing during the time periods shown and will not be covered by the future report of independent verifiers. For comparison purposes, the index is fully invested and includes the reinvestment of income. The returns for the index do not include any transaction costs, management fees or other costs.

Returns are based on fully discretionary accounts under management and may include terminated accounts. The dispersion of annual returns is measured by the standard deviation among asset-weighted portfolio returns represented within the Emerging Market Investment Grade Debt composite for the full year. Dispersion is not calculated for composites with five or fewer accounts for the whole period.

Performance returns are presented gross and net of fees, include the reinvestment of all income and are calculated in U.S. dollars. Dividend income has been recorded before the deduction of applicable withholding taxes. Returns calculated gross of fees do not reflect the deduction of our investment management fees. Net returns have been calculated by reducing the monthly gross returns by the highest stated ADV fee for the strategy. The investment management fee schedule for the Emerging Market Investment Grade Debt composite is 0.35% on the first \$50 million, 0.30% on amounts from \$50 million to \$150 million and 0.25% on amounts over \$150 million. From inception date to June 30, 2019, the highest fee used to calculate monthly net returns was 0.50%. From July 1, 2019 to the present the highest stated ADV fee is 0.35%. Investment management fees are described in Part 2A of the Firm's Form ADV. 100% of the composite assets are comprised of non-fee-paying portfolios for the periods presented. Individual client returns will be reduced by investment management fees and other expenses that the account may incur. Fees have a compounding effect on cumulative results. Actual investment management fees incurred by clients may vary.

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