

Release Date: 12-31-2022

# Morgan Stanley VIF Emerging Markets Debt Portfolio — Class I

## Investment Strategy from investment's prospectus

The investment seeks high total return. The fund invests at least 80% of the fund's assets in debt securities of issuers located in emerging market or developing countries. It may invest, to a lesser extent, in securities denominated in currencies other than U.S. dollars. The fund may invest in fixed income securities that are rated below "investment grade" or are not rated, but are of equivalent quality. It may, but it is not required to, use derivative instruments for a variety of purposes, including hedging, risk management, portfolio management or to earn income. The fund is non-diversified.

Past name: Morgan Stanley UIF Emerg Mkts Debt I.

## Category Description: Emerging Markets Bond

Emerging-markets bond portfolios invest more than 65% of their assets in foreign bonds from developing countries. The largest portion of the emerging-markets bond market comes from Latin America, followed by Eastern Europe. Africa, the Middle East, and Asia make up the rest.

## Operations

Fund Inception Date	06-16-97
Initial Share Class Inception Date	06-16-97
Advisor	Morgan Stanley Investment Management, Inc.
Subadvisor	Morgan Stanley Investment Management Ltd

## Fees and Expenses as of 04-29-22

Gross Prospectus Expense Ratio	1.17%
Net Prospectus Expense Ratio	1.10%

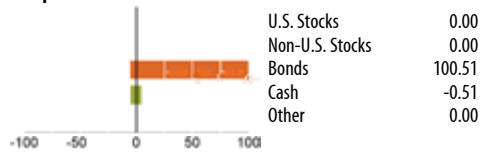
Waiver Data	Type	Exp.Date	%
Expense Ratio	Contractual	04-29-23	0.07

## Portfolio Manager(s)

Sahil Tandon. Since 2015.  
 Kyle Lee, CFA. B.A., Wesleyan University. Since 2022.

## Portfolio Analysis as of 09-30-22

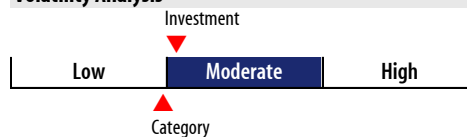
### Composition as of 09-30-22



### Top 20 Holdings as of 09-30-22

Security	% Assets
Us 5yr Note (Cbt) Dec22 Xcvt 20221230 12-30-22	7.52
Us 10yr Note (Cbt) Dec22 Xcvt 20221220 12-20-22	5.08
Us Ultra Bond Cbt Dec22 Xcvt 20221220 12-20-22	4.40
Us 10yr Ultra Fut Dec22 Xcvt 20221220 12-20-22	3.14
Morgan Stanley InstlLqdy TrsSecs Instl 12-31-30	2.86
Iraq (Republic Of) 5.8% 01-15-28	1.97
Us 2yr Note (Cbt) Dec22 Xcvt 20221230 12-30-22	1.94
Petroleos Mexicanos 6.7% 02-16-32	1.52
Us Long Bond(Cbt) Dec22 Xcvt 20221220 12-20-22	1.43
Philippines (Republic Of) 9.5% 02-02-30	1.41
Barbados (Government Of) 6.5% 10-01-29	1.39
Sinopec Group Overseas Development (2018) Limited 2.95% 11-12-29	1.36
Bahrain (Kingdom of) 7.5% 09-20-47	1.33
Suriname (Republic of) 9.25% 10-26-26	1.27
Vietnam (Socialist Republic of) 4.8% 11-19-24	1.24
South Africa (Republic of) 4.3% 10-12-28	1.22
Digicel Holdings Bermuda Ltd / Digicel International Finance Ltd 8.75% 05-25-24	1.20
Oman (Sultanate Of) 6.25% 01-25-31	1.15
Petroleos Mexicanos 7.69% 01-23-50	1.10
El Salvador (Republic of) 7.75% 01-24-23	1.06
Total Number of Stock Holdings	—
Total Number of Bond Holdings	202
Annual Turnover Ratio %	28.00
Total Fund Assets (\$mil)	103.89

## Volatility Analysis



In the past, this investment has shown a relatively moderate range of price fluctuations relative to other investments. This investment may experience larger or smaller price declines or price increases depending on market conditions. Some of this risk may be offset by owning other investments with different portfolio makeups or investment strategies.

## Morningstar Style Box™ as of 09-30-22



Average Effective Duration	7.34
Average Effective Maturity	12.55

## Risk Measures as of 12-31-22

Metric	Port Avg	BC Aggr	Category
3 Yr Std Dev	14.94	5.85	13.79
3 Yr Sharpe Ratio	-0.37	-0.58	-0.30
3 Yr Alpha	-0.12	—	0.05
3 Yr Beta	1.57	—	1.26
3 Yr R-squared	38.28	—	29.82

## Morningstar Sectors as of 09-30-22

Sector	%Fund	%Category
Government	77.53	66.95
Corporate	18.30	22.41
Securitized	0.00	0.03
Municipal	0.00	0.00
Cash and Equivalents	4.17	8.72
Other	0.00	1.89

## Credit Analysis as of 03-31-22

Rating	%Bonds
AAA	0
AA	8
A	8
BBB	24
BB	26
B	22
Below B	10
NR/NA	1

## Notes

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