

# **MSCI USD Investment Grade Size High Exposure Corporate Bond Index**

The MSCI Fixed Income Size Indexes are categorized as a part of the MSCI Fixed Income Factor Indexes, which are designed to reflect the systematic elements of a particular investment styles or strategies. The indexes are designed to represent the performance of companies that exhibit relatively lower size characteristics within the MSCI Corporate Bond Index.





Year	MSCI USD Investment Grade Size High Exposure Corporate Bond Index	MSCI USD Investment Grade Corporate Bond Index
2022	-14.72	-14.89
2021	-0.95	-1.25
2020	9.86	10.03
2019	13.57	14.41
2018	-2.30	-2.42
2017	6.38	5.96
2016	5.92	4.96
2015	-1.43	0.05
2014	6.67	6.64
2013	-2.21	-1.20

#### **Index Performance**

USD returns (%) May 31, 2023

					ANNUALIZED RETURN (%)			
Index	1 Month	3 Months	1 Year	Year to Date	3 Years	5 Years	10 Years	Since Feb 28, 2005
MSCI USD Investment Grade Size High Exposure Corporate Bond Index	-1.27	2.01	-1.41	2.48	-2.49	1.58	2.13	4.04
MSCI USD Investment Grade Corporate Bond Index	-1.20	2.26	-1.37	2.75	-2.90	1.75	2.29	3.71

## **Index Risk and Return Characteristics**

USD returns (%) May 31, 2023

.,,,,		1	ANNUALIZED STD. DEVIATION (%)				RISK RETURN RATIO				Max	Max
Index	Tracking Error (%)	Turnover*	3 Years	5 Years	10 Years	Since Feb 28, 2005	3 Years	5 Years	10 Years	Since Feb 28, 2005	Drawdown (%)	Drawdown Period
MSCI USD Investment Grade Size High Exposure Corporate Bond Index	2.28	18.98	7.73	8.29	6.46	6.05	-0.32	0.19	0.33	0.67	20.86	2021-08-02 2022-10-21
MSCI USD Investment Grade Corporate Bond Index	-	20.91	7.99	7.65	5.96	6.15	-0.36	0.23	0.38	0.60	21.14	2021-08-02 2022-10-21

<sup>\*</sup>Over rebalance of last 12 months

The MSCI USD Investment Grade Size High Exposure Corporate Bond Index was launched on Dec 16, 2019. Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance — whether actual or back-tested — is no indication or guarantee of future performance.

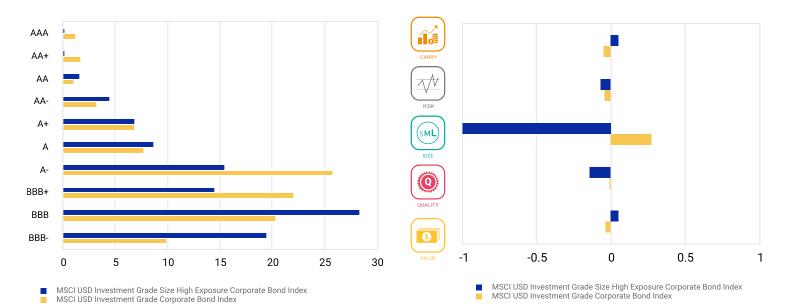


#### **Index Profile**

Maturity	# of Securities	# of Issuers	Market Value USD (MM)	Coupon*	Price*	Yield To Worst	Effective Duration	Effective Convexity	OAS**(bps)	Weighted Credit Rating
0-3 Years	237	174	227,028	3.17	95.60	5.63	1.72	0.04	97	BBB+
3-5 Years	197	159	198,174	3.32	93.74	5.18	3.37	0.14	118	BBB+
5-7 Years	167	139	153,453	3.60	91.41	5.18	5.17	0.32	138	BBB+
7-10 Years	166	141	151,665	3.34	87.57	5.27	6.52	0.51	149	BBB+
10-20 Years	99	83	101,008	4.99	94.13	5.53	10.16	1.45	154	A-
20+ Years	258	165	228,898	4.19	81.15	5.70	12.71	2.62	156	A-
Aggregate	1,124	396	1,060,226	3.69	89.90	5.43	6.40	0.86	146	BBB+

## **Credit Rating Breakdown**

# **Factor Exposures**



## **Top 5 Securities**

ISIN	Currency	Sector	Country of Domicile	Security Credit Rating	Index Weight (%)	Parent Index Weight (%)
US25156PAC77	USD	Communication Services	Netherlands	BBB+	0.37	0.10
US35177PAL13	USD	Communication Services	France	BBB+	0.36	0.07
US111021AE12	USD	Communication Services	United Kingdom	BBB	0.34	0.08
US82481LAD10	USD	Health Care	Ireland	BBB	0.33	0.06
US62854AAN46	USD	Health Care	USA	BBB-	0.31	0.05
	US25156PAC77 US35177PAL13 US111021AE12 US82481LAD10	US25156PAC77 USD US35177PAL13 USD US111021AE12 USD US82481LAD10 USD	US25156PAC77 USD Communication Services US35177PAL13 USD Communication Services US111021AE12 USD Communication Services US82481LAD10 USD Health Care	US25156PAC77 USD Communication Services Netherlands US35177PAL13 USD Communication Services France US111021AE12 USD Communication Services United Kingdom US82481LAD10 USD Health Care Ireland	US25156PAC77 USD Communication Services Netherlands BBB+ US35177PAL13 USD Communication Services France BBB+ US111021AE12 USD Communication Services United Kingdom BBB US82481LAD10 USD Health Care Ireland BBB	US25156PAC77 USD Communication Services Netherlands BBB+ 0.37 US35177PAL13 USD Communication Services France BBB+ 0.36 US111021AE12 USD Communication Services United Kingdom BBB 0.34 US82481LAD10 USD Health Care Ireland BBB 0.33

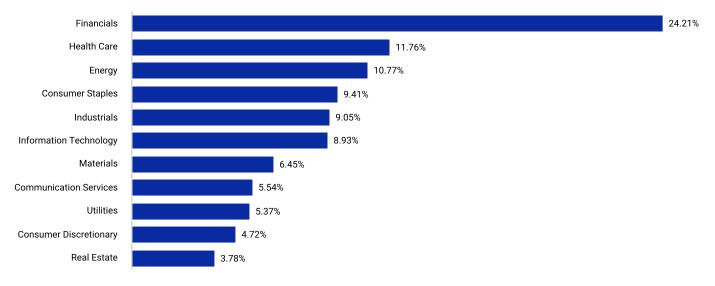
<sup>\*</sup> Par Weighted \*\* Effective Duration Weighted



#### Top 5 Issuers

Issuer Name	Index Weight (%)	Parent Index Weight (%)	Sector
FISERV INC	0.80	0.30	Financials
HP INC	0.77	0.21	Information Technology
GE HEALTHCARE TECHNOLOGIES INC	0.74	0.19	Health Care
TELEFONICA EMISIONES SAU	0.71	0.19	Communication Services
CELANESE US HOLDINGS LLC	0.67	0.17	Materials

#### **Sector Weights**



## **Country Weights**





#### **Index Framework**

The MSCI Fixed Income Size Indexes are constructed by using the constituents of an underlying MSCI parent index with the aim of providing an opportunity set with sufficient liquidity and capacity. The Size descriptor for each constituent is computed using the log aggregate amount of debt outstanding by the respective issuer. A Size z-score for each constituent is computed by standardizing the Size descriptor within the parent universe. The score is then winsorized at +/- 3. This index is constructed to give a high exposure by selecting subset of constituents within parent index and constructing with a fixed number of securities approach. The MSCI Fixed Income Size Indexes are rebalanced on a quarterly basis, usually as of the close of the last business day of a month, coinciding with monthly Index Reviews of the MSCI Parent Index.

This summary is provided for illustrative purposes only and does not include all material elements of the index or its methodology. For a complete description of the index methodology, please see <a href="Index methodology">Index methodology</a> - MSCI.

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