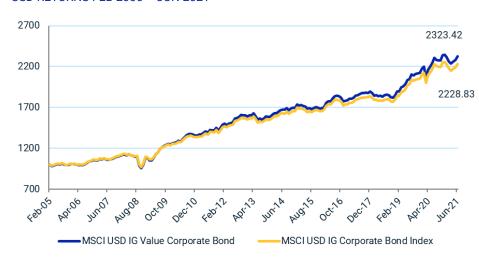
# **MSCI USD IG Value Corporate Bond Index**

#### The MSCI Fixed Income Value 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.
- are designed to represent the performance of companies that exhibit relatively higher value characteristics within the MSCI Corporate Bond Index.

#### **Cumulative index performance**

USD RETURNS FEB 2005 - JUN 2021



#### **Annual performance (%)**

	=	
Year	MSCI USD IG Value Corp Bond	MSCI USD IG Corporate Bond
2020	10.41	10.03
2019	15.07	14.41
2018	-2.45	-2.42
2017	6.18	5.96
2016	5.61	4.96
2015	-0.40	0.05
2014	6.79	6.64
2013	-1.06	-1.20
2012	10.74	10.26
2011	6.79	6.60
2010	8.68	7.78
2009	15.03	12.92
2008	-1.89	-1.47
2007	5.11	5.38
2006	4.62	4.50
2012 2011 2010 2009 2008 2007	6.79 8.68 15.03 -1.89 5.11	10.26 6.60 7.78 12.92 -1.47 5.38

#### **Index performance**

USD RETURNS (%) JUNE 30, 2021

					ANNUALIZED RETURN			
Index	1 Month	3 Months	1 Year	Year to Date	3 Years	5 Years	10 Years	Since Feb 28, 2005
MSCI USD IG Value Corporate Bond	1.82	3.79	3.65	-0.96	8.22	5.12	5.24	5.30
MSCI USD IG Corporate Bond	1.68	3.60	2.77	-1.32	7.82	4.73	4.99	5.03

#### Index risk and return characteristics

JUNE 30, 2021

			ANNUALIZED STD. DEVIATION (%)				
Index	Tracking Error	Turnover*	3 Years	5 Years	10 Years	Since	
	(%)	(%)				Feb 28, 2005	
MSCI USD IG Value Corporate Bond	0.36	137.28	6.59	5.57	5.01	5.93	
MSCI USD IG Corporate Bond	-	40.22	6.40	5.44	4.86	5.65	
Last 12 months							

The MSCI USD IG Value 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**

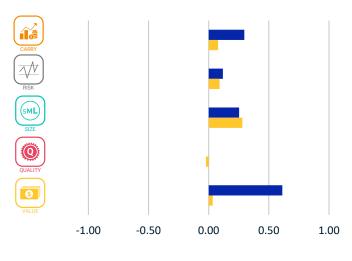
Maturity	# of securities	# of issuers	Market Weight (%)	Coupon*	Price*	Yield to Worst	Effective Duration	Effective Convexity	OAS** (bps)	Weighted Credit Rating
0-3 Years	616	277	16.26	2.98	104.39	0.61	1.80	0.03	39.53	A-
3-5 Years	601	290	17.91	3.05	106.86	1.17	3.59	0.16	55.22	BBB+
5-7 Years	413	234	11.80	3.29	108.55	1.70	5.20	0.32	72.30	BBB+
7-10 Years	512	284	16.22	3.68	110.92	2.17	7.16	0.61	85.00	BBB+
10+ Years	967	265	37.81	4.57	121.30	3.16	15.18	3.32	121.82	BBB+
Aggregate	3109	521	100.00	3.75	112.78	2.06	8.45	1.43	105.25	BBB+

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

## **Credit Rating Break Down**

#### AAA AA+ AA AA-A+ Α A-BBB+ BBB BBB-0 10 15 20 25 30 ■ MSCI USD IG Value Corporate Bond ■ MSCI USD IG Corporate Bond

## **Factor Exposures**



■ MSCI USD IG Value Corporate Bond ■ MSCI USD IG Corporate Bond

## **Top 5 Securities**

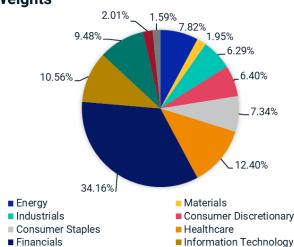
Security Name	Currency	Index Weight (%)	Parent Index Weight (%)	Sector	Security Credit Rating
GE 4.418 2035	USD	0.47	0.29	Industrials	BBB+
ABI 4.9 2046	USD	0.33	0.26	Consumer Staples	BBB+
CVS 4.78 2038	USD	0.32	0.13	Healthcare	BBB
T 3.55 2055	USD	0.30	0.16	Communication Services	BBB
CVS 5.05 2048	USD	0.28	0.22	Healthcare	BBB

## **Top 5 Issuers**

Issuer Name	Index Weight (%)	Parent Index Weight (%)	Sector
BANK OF AMERICA CORP	3.70	3.55	Financials
JPMORGAN CHASE & CO	3.05	3.22	Financials
AT&T INC	2.51	2.22	Communication Services
APPLE INC	2.25	1.98	Information Technology
VERIZON COMMUNICATIONS INC	2.13	2.20	Communication Services



#### **Sector Weights**



### **Index Methodology**

The MSCI Fixed Income Value 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 Value descriptor for each constituent is computed using bond level descriptors, namely OAS, log duration, credit rating and issuer size. It is calculated by finding out the residual of regression of a bond's OAS z-score with z-scores of other three bond level descriptors. The z-score for each of the four variables for each constituent is calculated using the mean and standard deviation of respective variables on a DTS relative basis. A Value z-score for each constituent is computed by standardizing the value descriptor within the parent universe. The z-score is then winsorized at +/- 3.

The MSCI Fixed Income Value Indexes are rebalanced on a quarterly basis, usually as of the close of the last business day of a month.

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