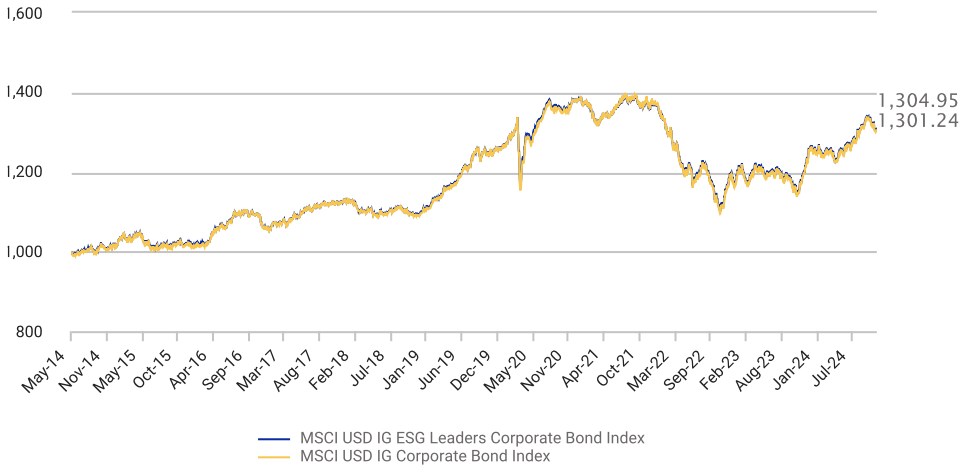


MSCI USD IG ESG Leaders Corporate Bond Index

The MSCI Fixed Income ESG Leaders Indexes are market value-weighted indexes designed to represent the performance of fixed income securities from issuers that are selected from an underlying index based on Environmental, Social and Governance (ESG) criteria.

Cumulative Index Performance

USD Returns May 2014 - Oct 2024



Annual Performance(%)

Year	MSCI USD IG ESG Leaders Corporate Bond Index	MSCI USD IG Corporate Bond Index
2023	8.12	8.31
2022	-14.76	-15.29
2021	-1.20	-1.07
2020	9.95	9.87
2019	13.84	14.13
2018	-1.98	-2.31
2017	6.08	6.16
2016	5.04	5.31
2015	-0.18	-0.44

Index Performance

USD returns (%) October 31, 2024

Index	ANNUALIZED RETURN (%)							
	1 Month	3 Months	1 Year	Year to Date	3 Years	5 Years	10 Years	Since May 30, 2014
MSCI USD IG ESG Leaders Corporate Bond Index	-2.14	1.25	13.30	3.23	-1.65	0.76	2.60	2.58
MSCI USD IG Corporate Bond Index	-2.18	1.26	13.46	3.21	-1.81	0.67	2.56	2.55

Index Risk and Return Characteristics

USD returns (%) October 31, 2024

Index	Tracking Error (%)	Turnover* (%)	ANNUALIZED STD. DEVIATION (%)				RISK RETURN RATIO				Max Drawdown (%)	Max Drawdown Period
			3 Years	5 Years	10 Years	Since May 30, 2014	3 Years	5 Years	10 Years	Since May 30, 2014		
MSCI USD IG ESG Leaders Corporate Bond Index	0.35	27.13	8.73	8.16	6.37	6.27	-0.19	0.09	0.41	0.41	20.95	2021-08-02 -- 2022-10-21
MSCI USD IG Corporate Bond Index	-	20.00	8.94	8.48	6.60	6.50	-0.20	0.08	0.39	0.39	21.54	2021-08-02 -- 2022-10-21

*Over rebalance of last 12 months

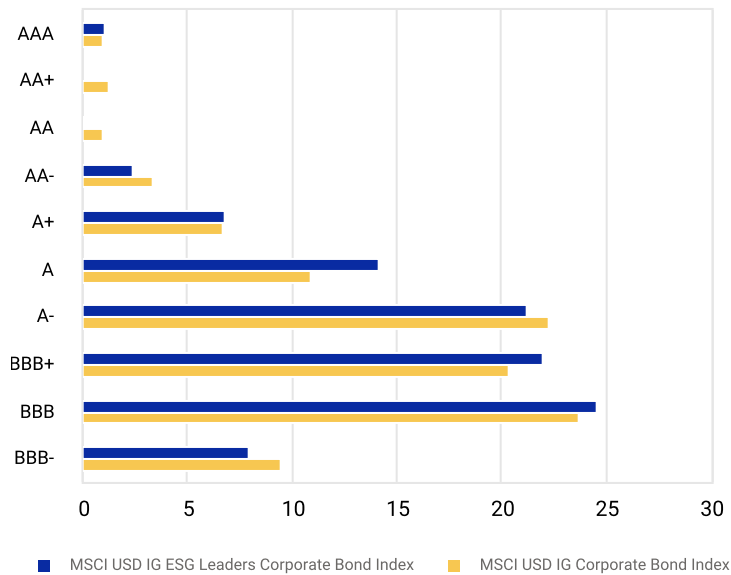
The MSCI USD IG ESG Leaders Corporate Bond Index was launched on November 08, 2023. Data prior to the launch date is back-tested data (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance 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	895	349	799,631	3.53	97.97	4.74	1.69	0.03	48	A-
3-5 Years	761	358	687,242	4.34	98.36	4.87	3.21	0.12	63	BBB+
5-7 Years	546	306	469,743	3.50	92.61	5.00	4.85	0.29	73	BBB+
7-10 Years	651	320	584,605	4.73	97.42	5.24	6.43	0.53	90	BBB+
10-20 Years	571	218	458,803	4.94	94.61	5.51	9.52	1.26	100	BBB+
20+ Years	1,003	268	753,041	4.38	83.60	5.64	13.53	2.81	98	A-
Aggregate	4,427	552	3,753,065	4.21	93.65	5.15	6.44	0.87	89	BBB+

* Par Weighted

** Effective Duration Weighted

Credit Rating Breakdown

ESG Metrics

	MSCI USD IG ESG Leaders Corporate Bond Index	MSCI USD IG Corporate Bond Index
ESG score	7.66	6.70
Environmental Pillar Score	6.64	6.18
Fossil Fuel Reserves (%)	4.18	5.73
WACI (Scope 1+2)*	203.34	234.73
WACI (Scope 1+2+3)*	752.75	868.84
Green Revenues (%)	4.33	3.62
Green Bonds (%)	1.53	1.25
Social Pillar Score	5.26	4.83
Controversial Weapons (%)	0.00	0.00
Tobacco (%)	0.15	1.28
Very Severe Controversies (%)	0.00	0.08
Governance Pillar Score	6.15	5.88

*(t CO2e/\$M Sales)

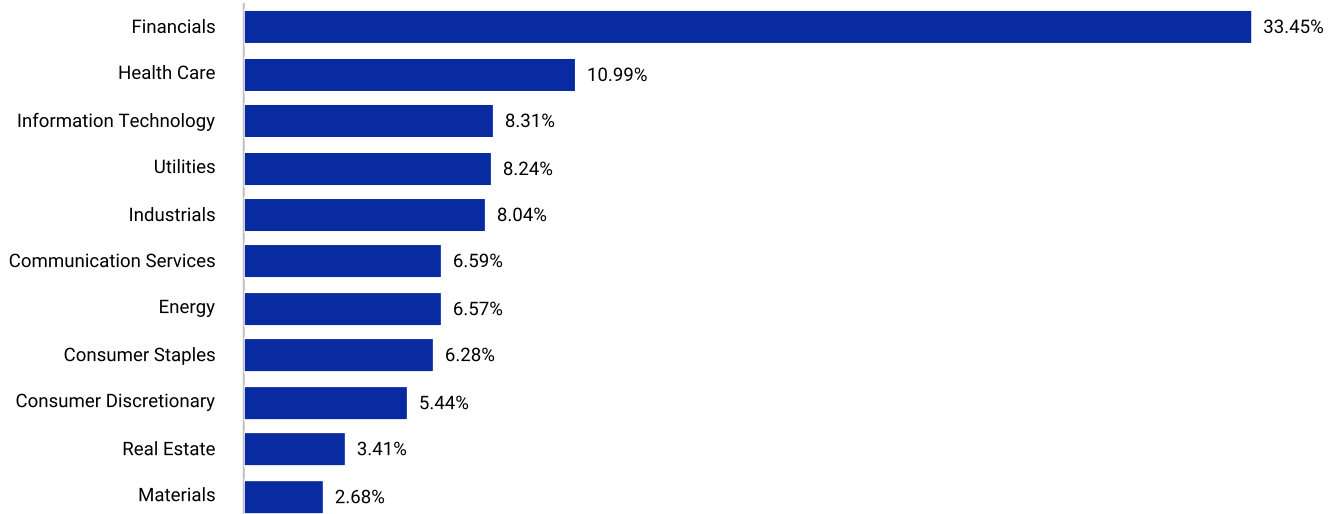
Top 5 Securities

Security Name	ISIN	Currency	Sector	Country of Domicile	Security Credit Rating	Index Weight (%)	Parent Index Weight (%)
PFE 5.3 2053	US716973AG71	USD	Health Care	Singapore	A	0.16	0.08
BAC 3.419 2028	US06051GHD43	USD	Financials	USA	A-	0.15	0.08
BAC 1.734 2027	US06051GJS93	USD	Financials	USA	A-	0.15	0.08
T 3.5 2053	US00206RKJ04	USD	Communication Services	USA	BBB	0.14	0.07
T 3.55 2055	US00206RLJ94	USD	Communication Services	USA	BBB	0.14	0.07

Top 5 Issuers

Issuer Name	Index Weight (%)	Parent Index Weight (%)	Sector
BANK OF AMERICA CORP	4.21	2.17	Financials
MORGAN STANLEY	3.35	1.73	Financials
AT&T INC	2.11	1.09	Communication Services
VERIZON COMMUNICATIONS INC	2.00	1.03	Communication Services
UNITEDHEALTH GROUP INC	1.87	0.96	Health Care


Sector Weights



Country Weights



Index Framework

The MSCI Fixed Income ESG Leaders Indexes are derived from underlying MSCI Corporate Bond Indexes ("Parent Indexes") and aim to achieve sector weights that reflect the sector weights of the corresponding Parent Indexes. Index construction criteria excludes constituents based on involvement in specific business activities as well as exposure to ESG controversies. The Indexes target 50% coverage of each Global Industry Classification Standard (GICS ) sector by selecting constituents primarily based on criteria including the ESG rating, the trend in that rating and the company's industry adjusted ESG score. The Indexes are rebalanced on a monthly basis to coincide with the monthly index review of the MSCI Corporate Bond Indexes. The pro forma Indexes are in general announced three business days prior to the effective date of rebalancing.

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 [Index methodology - MSCI](#).

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