

MSCI Brazil Enhanced Value Index (USD)

The **MSCI Brazil Enhanced Value Index** captures large and mid-cap representation across Brazilian markets exhibiting overall value style characteristics. The index is designed to represent the performance of securities that exhibit higher value characteristics relative to their peers within the corresponding GICS® sector. The value investment style characteristics for index construction are defined using three variables: Price-to-Book Value, Price-to-Forward Earnings and Enterprise Value-to-Cash flow from Operations.

For a complete description of the index methodology, please see [Index methodology - MSCI](#).

CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (USD) (MAR 2009 – MAR 2024)



ANNUAL PERFORMANCE (%)

Year	MSCI Brazil Enhanced Value	MSCI Brazil
2023	39.90	33.38
2022	17.29	14.61
2021	-3.69	-17.19
2020	-29.30	-18.87
2019	29.55	26.66
2018	7.39	-0.15
2017	23.21	24.48
2016	80.35	66.75
2015	-49.30	-41.18
2014	-17.34	-13.74
2013	-12.72	-15.79
2012	-5.04	0.34
2011	-24.96	-21.59
2010	3.88	6.81

INDEX PERFORMANCE – GROSS RETURNS (%) (MAR 29, 2024)

					ANNUALIZED			
	1 Mo	3 Mo	1 Yr	YTD	3 Yr	5 Yr	10 Yr	Since Nov 28, 1997
MSCI Brazil Enhanced Value	-2.91	-8.56	30.59	-8.56	15.81	3.53	2.73	9.23
MSCI Brazil	-1.78	-7.33	27.55	-7.33	9.21	2.18	2.11	7.13

FUNDAMENTALS (MAR 29, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
9.19	7.28	6.47	1.17
7.58	8.33	7.73	1.54

INDEX RISK AND RETURN CHARACTERISTICS (NOV 28, 1997 – MAR 29, 2024)

	Beta	Tracking Error (%)	Turnover (%) ¹	ANNUALIZED STD DEV (%) ²			SHARPE RATIO ^{2, 3}			Since Nov 28, 1997	MAXIMUM DRAWDOWN	
				3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr		(%)	Period YYYY-MM-DD
MSCI Brazil Enhanced Value	1.08	9.57	14.10	28.17	35.72	37.73	0.57	0.23	0.22	0.37	80.58	2011-04-08–2016-01-21
MSCI Brazil	1.00	0.00	3.05	29.01	34.54	34.57	0.36	0.19	0.19	0.32	75.79	2008-05-19–2016-01-21

¹ Last 12 months ² Based on monthly gross returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date

The MSCI Brazil Enhanced Value Index was launched on Feb 29, 2016. Data prior to the launch date is back-tested test (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 CHARACTERISTICS

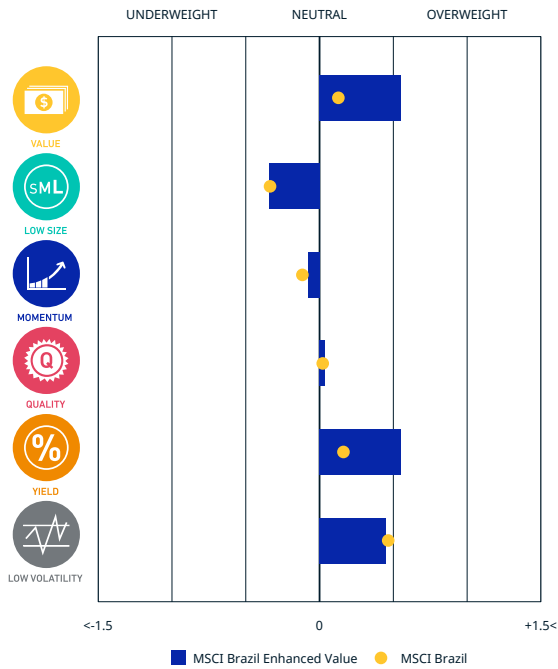
	MSCI Brazil Enhanced Value	MSCI Brazil
Number of Constituents	25	49
	Weight (%)	
Largest	12.31	10.99
Smallest	0.33	0.32
Average	4.00	2.04
Median	2.17	1.08

TOP 10 CONSTITUENTS

	Index Wt. (%)	Parent Index Wt. (%)	Sector
VALE ON	12.31	10.99	Materials
PETROBRAS PN	12.29	9.44	Energy
BANCO BRASIL ON	10.47	2.58	Financials
PETROBRAS ON	9.15	7.56	Energy
BANCO BRADESCO PN	8.05	4.02	Financials
JBS ON	7.06	0.89	Cons Staples
ITAUSA PN	5.74	3.02	Financials
ELETRON S.A. ON	5.29	2.68	Utilities
RUMO ON	4.40	1.53	Industrials
CCR ON	3.90	0.74	Industrials
Total	78.66	43.44	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



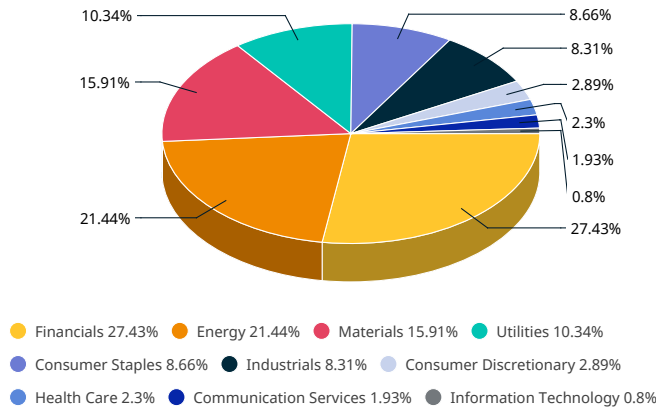
MSCI FaCS

- VALUE**
Relatively Inexpensive Stocks
- LOW SIZE**
Smaller Companies
- MOMENTUM**
Rising Stocks
- QUALITY**
Sound Balance Sheet Stocks
- YIELD**
Cash Flow Paid Out
- LOW VOLATILITY**
Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

Neutral factor exposure (FaCS = 0) represents MSCI ACWI IMI.

SECTOR WEIGHTS



MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology [here](#))

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

ABOUT MSCI

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 45 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit www.msci.com.

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