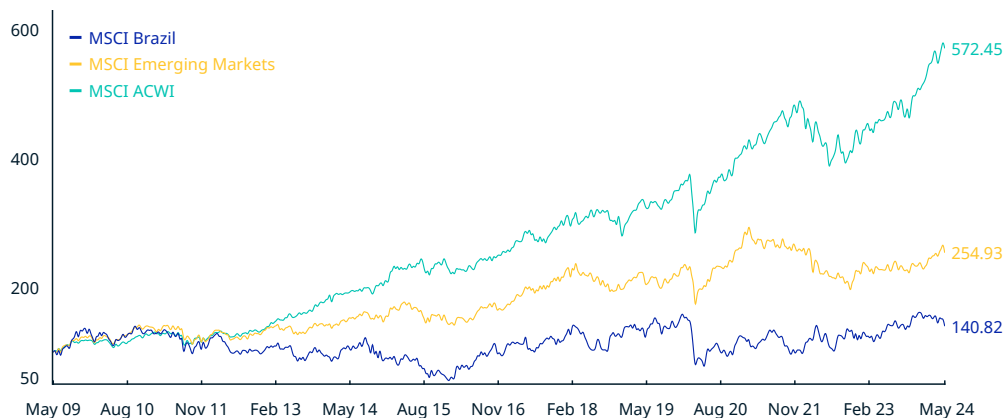


# MSCI Brazil Index (CAD)

The **MSCI Brazil Index** is designed to measure the performance of the large and mid cap segments of the Brazilian market. With 49 constituents, the index covers about 85% of the Brazilian equity universe.

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

## CUMULATIVE INDEX PERFORMANCE – GROSS RETURNS (CAD) (MAY 2009 – MAY 2024)



## ANNUAL PERFORMANCE (%)

Year	MSCI Brazil	MSCI Emerging Markets	MSCI ACWI
2023	29.80	7.31	19.51
2022	22.94	-13.90	-12.00
2021	-17.89	-3.06	18.02
2020	-20.29	16.61	14.77
2019	20.25	12.87	20.86
2018	8.84	-6.51	-0.73
2017	16.31	28.70	16.44
2016	60.98	7.74	4.73
2015	-29.46	2.42	17.72
2014	-5.97	7.03	14.14
2013	-10.15	4.29	31.72
2012	-1.88	16.00	14.21
2011	-19.65	-16.15	-4.56
2010	1.24	12.98	7.31

## INDEX PERFORMANCE – GROSS RETURNS (%) (MAY 31, 2024)

	1 Mo	3 Mo	1 Yr	YTD	ANNUALIZED				Since Dec 31, 1987
					3 Yr	5 Yr	10 Yr		
MSCI Brazil	-5.76	-10.04	12.00	-12.69	4.70	0.27	3.28	12.48	
MSCI Emerging Markets	-0.19	4.13	13.17	7.03	-1.99	4.12	5.42	9.64	
MSCI ACWI	3.31	4.47	24.48	12.80	9.96	12.40	11.46	8.40	

## FUNDAMENTALS (MAY 31, 2024)

Div Yld (%)	P/E	P/E Fwd	P/BV
7.54	8.27	7.29	1.43
2.75	15.54	12.02	1.70
1.94	20.87	17.42	3.03

## INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2024)

	Turnover (%) <sup>1</sup>	ANNUALIZED STD DEV (%) <sup>2</sup>			MAXIMUM DRAWDOWN	
		3 Yr	5 Yr	10 Yr	(%)	Period YYYY-MM-DD
MSCI Brazil	3.05	26.06	31.01	30.54	74.84	1989-04-28–1990-03-30
MSCI Emerging Markets	6.15	14.67	14.45	13.56	53.56	2007-12-06–2008-10-27
MSCI ACWI	2.57	12.97	12.88	11.57	46.85	2007-02-07–2009-03-09

<sup>1</sup> Last 12 months

<sup>2</sup> Based on monthly gross returns data

The MSCI Brazil Index was launched on Sep 30, 1988. 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

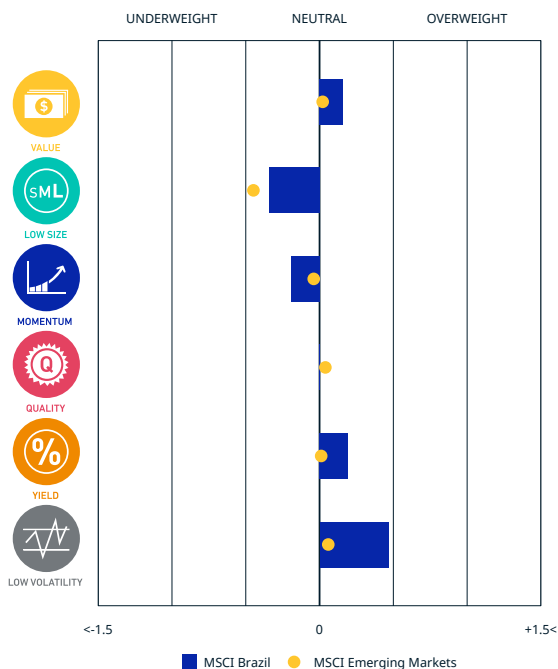
MSCI Brazil	
Number of Constituents	49
Mkt Cap (CAD Millions)	
Index	459,948.73
Largest	55,800.74
Smallest	1,069.42
Average	9,386.71
Median	4,748.75

TOP 10 CONSTITUENTS

	Float Adj Mkt Cap (CAD Billions)	Index Wt. (%)	Sector
VALE ON	55.80	12.13	Materials
PETROBRAS PN	47.91	10.42	Energy
PETROBRAS ON	39.28	8.54	Energy
ITAU UNIBANCO PN	39.00	8.48	Financials
BANCO BRADESCO PN	17.46	3.80	Financials
WEG ON	16.35	3.55	Industrials
B3	15.67	3.41	Financials
AMBEV ON (NEW)	14.17	3.08	Cons Staples
ITAUSA PN	13.69	2.98	Financials
BANCO BRASIL ON	12.09	2.63	Financials
Total	271.41	59.01	

FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN

MSCI FACTOR BOX



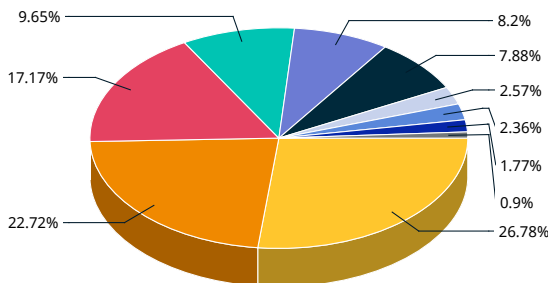
MSCI FaCS

- 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



- Financials 26.78%
- Energy 22.72%
- Materials 17.17%
- Utilities 9.65%
- Consumer Staples 8.2%
- Industrials 7.88%
- Health Care 2.57%
- Consumer Discretionary 2.36%
- Communication Services 1.77%
- Information Technology 0.9%

**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**

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