MSCI USA Agriculture & Food Chain Index (USD)

The MSCI USA Agriculture & Food Chain Index captures the global opportunity set of listed companies engaged in the production of agricultural products. Constituents are selected from the equity universe of MSCI USA, the parent index, which covers mid and large cap securities of the US markets. All index constituents are categorized in one of four sub-industries according to the Global Industry Classification Standard (GICS®): agricultural products, fertilizers, agricultural chemicals, packaged foods & meats, and food distributors.

For a complete description of the index methodology, please see Index methodology - MSCI.

CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (APR 2009 – APR 2024)

- MSCI USA Agriculture & Food Chain - MSCI USA 400 200 Apr 09 Jul 10 Oct 11 Jan 13 Apr 14 Jul 15 Oct 16 Jan 18 Apr 19 Jul 20 Oct 21 Jan 23 Apr 24

ANNUAL PERFORMANCE (%)

Year	MSCI USA Agriculture & Food Chain	MSCI USA
2023	-11.01	26.49
2022	11.50	-19.85
2021	16.79	26.45
2020	4.14	20.73
2019	26.67	30.88
2018	-12.74	-5.04
2017	3.63	21.19
2016	11.55	10.89
2015	2.02	0.69
2014	11.58	12.69
2013	27.48	31.79
2012	13.50	15.33
2011	6.44	1.36
2010	9.04	14.77

INDEX PERFORMANCE — NET RETURNS (%) (APR 30, 2024)

FUNDAMENTALS (APR 30, 2024)

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr _D	Since ec 31, 1998	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI USA Agriculture & Food Chain	-1.80	2.68	-12.57	0.98	1.71	6.16	5.60	6.54	2.81	14.63	15.33	2.21
MSCI USA	-4.15	4.12	22.76	5.72	6.86	12.61	11.73	7.01	1.42	25.06	20.31	4.60

INDEX RISK AND RETURN CHARACTERISTICS (DEC 31, 1998 - APR 30, 2024)

				ANNUALIZED STD DEV (%) 2		SHARPE RATIO 2,3				MAXIMUM DRAWDOWN		
	Beta	Tracking Error (%)	Turnover (%) ¹	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since Dec 31, 1998	(%)	Period YYYY-MM-DD
MSCI USA Agriculture & Food Chain	0.54	13.55	1.65	15.39	16.02	13.94	0.01	0.32	0.35	0.37	39.28	2008-06-05-2009-03-09
MSCI USA	1.00	0.00	2.00	17.85	18.80	15.46	0.31	0.62	0.70	0.38	55.36	2007-10-09-2009-03-09
	¹ Last 12 months ² Based on monthly net returns data ³ Based on NY FED Overnight SOFR from Sep 1 2021 & on ICE LIBOR 1M prior that date											

The MSCI USA Agriculture & Food Chain Index was launched on Mar 17, 2009. 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.



APR 30, 2024 Index Factsheet

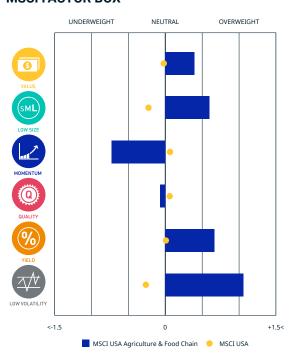
INDEX CHARACTERISTICS

	MSCI USA Agriculture & Food Chain	MSCI USA				
Number of	20	612				
Constituents						
	Weight (%)					
Largest	20.74	6.23				
Smallest	1.43	0.01				
Average	5.00	0.16				
Median	3.28	0.06				

TOP 10 CONSTITUENTS

	Wt. (%)	Parent Index Wt. (%)	Sector
MONDELEZ INTERNATIONAL A	20.74	0.22	Cons Staples
GENERAL MILLS	8.48	0.09	Cons Staples
CORTEVA	8.08	0.09	Materials
SYSCO CORP	7.94	0.08	Cons Staples
KRAFT HEINZ CO	7.02	0.08	Cons Staples
ARCHER-DANIELS-MIDLAND	6.63	0.07	Cons Staples
HERSHEY CO (THE)	6.16	0.07	Cons Staples
MCCORMICK & CO NV	4.05	0.04	Cons Staples
TYSON FOODS A	3.68	0.04	Cons Staples
KELLANOVA	3.36	0.04	Cons Staples
Total	76.12	0.81	

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



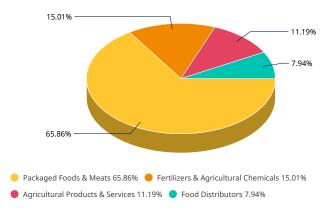
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a

broad global index - MSCI ACWI IMI.

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

SUB-INDUSTRY WEIGHTS





APR 30, 2024 Index Factsheet

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.

The information contained herein (the "Information") may not be reproduced or redisseminated in whole or in part without prior written permission from MSCI. The Information may not be used to verify or correct other data, to create indexes, risk models, or analytics, or in connection with issuing, offering, sponsoring, managing or marketing any securities, portfolios, financial products or other investment vehicles. Historical data and analysis should not be taken as an indication or guarantee of any future performance, analysis, forecast or prediction. None of the Information or MSCI index or other product or service constitutes an offer to buy or sell, or a promotion or recommendation of, any security, financial instrument or product or trading strategy. Further, none of the Information or any MSCI index is intended to constitute investment advice or a recommendation to make (or refrain from making) any kind of investment decision and may not be relied on as such. The Information is provided "as is" and the user of the Information assumes the entire risk of any use it may make or permit to be made of the Information. NONE OF MSCI INC. OR ANY OF ITS SUBSIDIARIES OR ITS OR THEIR DIRECT OR INDIRECT SUPPLIERS OR ANY HIRD PARTY INVOLVED IN THE MAKING OR COMPILING OF THE INFORMATION (EACH, AN "MSCI PARTY") MAKES ANY WARRANTIES OR REPRESENTATIONS AND, TO THE MAXIMUM EXTENT PERMITTED BY LAW, EACH MSCI PARTY HEREBY EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.WITHOUT LIMITING ANY OF THE FOREGOING AND TO THE MAXIMUM EXTENT PERMITTED BY LAW, IN NO EVENT SHALL ANY OF THE MSCI PARTY LABILITY OF SUCH DAMAGES. The foregoing shall not exclude or limit any liability that may not by applicable law be excluded or limited.

© 2024 MSCI Inc. All rights reserved.

