

TIAA-CREF FUNDS Equities | Foreign Institutional TIOIX 87245R631 Advisor TIOHX 87245R334 Premier TIOPX 87245R649 Retail TIOSX 87245R664 Retirement TIOTX 87245R656

TIAA-CREF International Opportunities Fund

Marketing communication | As of 31 Mar 2023

Average annualized total returns (%)

Inception date	1 year	3 years	5 years	Since inception
12 Apr 13	-8.82	13.18	3.66	5.50
04 Dec 15	-8.88	13.08	3.58	6.44
12 Apr 13	-8.90	13.07	3.56	5.36
12 Apr 13	-9.13	12.75	3.25	5.08
12 Apr 13	-8.90	13.09	3.53	5.29
	-5.07	11.80	2.47	4.05
	-5.62	10.63	3.93	
	date 12 Apr 13 04 Dec 15 12 Apr 13 12 Apr 13	date year 12 Apr 13 -8.82 04 Dec 15 -8.88 12 Apr 13 -8.90 12 Apr 13 -9.13 12 Apr 13 -8.90 -5.07	date year years 12 Apr 13 -8.82 13.18 04 Dec 15 -8.88 13.08 12 Apr 13 -8.90 13.07 12 Apr 13 -9.13 12.75 12 Apr 13 -8.90 13.09 -5.07 11.80	date year years years 12 Apr 13 -8.82 13.18 3.66 04 Dec 15 -8.88 13.08 3.58 12 Apr 13 -8.90 13.07 3.56 12 Apr 13 -9.13 12.75 3.25 12 Apr 13 -8.90 13.09 3.53 -5.07 11.80 2.47

Performance data shown represents past performance and does not predict or guarantee future results. Investment returns and principal value will fluctuate so that shares redeemed may be worth more or less than their original cost. Current performance may be higher or lower than the performance shown. Total returns for a period of less than one year are cumulative. Returns without sales charges would be lower if the sales charges were included. Returns assume reinvestment of dividends and capital gains. For performance current to the most recent month-end visit nuveen.com. Performance shown for benchmark since inception is as of the Fund's oldest share class.

Institutional Class shares are available for purchase directly from the Fund by certain eligible investors (which include employee benefit plans and financial intermediaries). Advisor Class shares are available for purchase through certain financial intermediaries and employee benefit plans. Premier Class and Retirement Class shares are generally available for purchase through employee benefit plans or other types of savings plans or accounts. Retail Class shares are available for purchase through certain financial intermediaries or by contacting the Fund directly at 800.752.8700 or nuveen.com.

Calendar year returns (%)

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023 YTD
Institutional	-8.09	1.67	-0.69	35.20	-17.30	30.32	32.66	3.33	-24.47	8.49
Advisor			-0.80	35.31	-17.45	30.30	32.49	3.28	-24.58	8.50
Premier	-8.26	1.59	-0.89	35.07	-17.47	30.23	32.48	3.26	-24.54	8.47
Retail	-8.48	1.44	-1.27	34.75	-17.71	29.90	32.06	2.87	-24.74	8.42
Retirement	-8.34	1.41	-0.94	34.89	-17.50	30.16	32.46	3.26	-24.58	8.52
MSCI All Country World Index ex USA	-3.87	-5.66	4.50	27.19	-14.20	21.51	10.65	7.82	-16.00	6.87
Morningstar Foreign Large Growth Average	-3.92	0.95	-2.14	30.87	-14.08	27.83	25.48	7.69	-25.29	9.60

Expense ratios (%)	Institutional	Advisor	Premier	Retail	Retirement
Gross	0.61	0.71	0.76	0.99	0.86
Net	0.61	0.71	0.76	0.99	0.86

A contractual arrangement is in place that limits certain fees and/or expenses. Had fees/expenses not been limited ("capped"), currently or in the past, returns would have been lower. Expense cap expiration date: 28 Feb 2023. Please see the prospectus for details.

Top ten positions (%)1

	Fund net assets
Novo Nordisk A	3.25
ASML Holding NV	2.89
Taiwan Semiconductor Manufacturing Co Ltd	2.56
Tencent Holdings Ltd	2.26
ING Groep NV	2.05
Alimentation Couche-Tard Inc	2.03
Ashtead Group PLC	2.03
Dollarama Inc	1.93
L'Oreal SA	1.84
Ferrari NV	1.80

Top 5 countries (%)

-	Fund net assets
United Kingdom	11.55
Canada	11.09
Japan	10.66
France	6.41
Netherlands	6.20

Sector allocation (%)²

	Fund net
	assets
Consumer Discretionary	22.02
Information Technology	15.81
Industrials	11.91
Financials	11.80
Consumer Staples	10.43
Health Care	9.27
Materials	8.53
Energy	5.20
Communication Services	2.26
Real Estate	0.63
Short-Term Investments, Other Assets	
& Liabilities, Net	2.14

- 1 The holdings are subject to change and may not be representative of the Fund's current or future investments. The holdings listed includes the Fund's long-term investments and excludes any temporary cash investments and equity index products. Top holdings by issuer (for other than fixed income securities) includes the underlying ordinary shares combined with any depositary receipts, preferred shares, contract for differences (CFDs), rights, options and warrants. The holdings listed should not be considered a recommendation to buy, sell or hold a particular security.
- 2 Securities lending may be utilized, and in such cases the collateral is included in the Short-Term assets shown

TIAA-CREF International Opportunities Fund As of 31 Mar 2023

Fund description

The Fund seeks a favorable long-term total return, mainly through capital appreciation, primarily from equity securities of foreign issuers. It normally invests in equity securities of issuers in developed and emerging markets located around the world but outside of the United States. The Fund anticipates investing in a number of foreign markets, but at a minimum it will invest in at least three countries outside the United States. The Fund's management team looks for companies of any capitalization size that it believes can demonstrate positive and sustainable structural change. Management also focuses on companies in the early stages of a structural growth opportunity driven by differentiated products and/or services that maintain strong barriers to entry, continue to outgrow peers and demonstrate accelerating top-line growth with margin expansion.

Portfolio management

Jason Campbell | 25 years industry experience

Dan Roberts | 27 years industry experience

Morningstar rankings and percentiles

Morningstar Foreign Large Growth Category

	1 Year		3 Years		5 Years		
	Rank	%	Rank	%	Rank	%	
Institutional	358/449	81	38/404	15	141/350	51	
Advisor	359/449	81	46/404	18	151/350	53	
Premier	360/449	81	47/404	18	152/350	53	
Retail	374/449	83	63/404	22	180/350	59	
Retirement	362/449	81	44/404	18	153/350	53	

Momingstar ranking/number of funds in category displays the Fund's actual rank within its Momingstar Category based on average annual total return and number of funds in that Category. The returns assume reinvestment of dividends and do not reflect any applicable sales charge. Absent expense limitation, total return would be less. Momingstar percentile rankings are the Fund's total return rank relative to all the funds in the same Morningstar Category, where 1 is the highest percentile rank and 100 is the lowest percentile rank.

Portfolio statistics

	Fund	Benchmark
Portfolio net assets	\$2.38 Billion	
Number of positions	94	_
Weighted average market cap (\$b)	\$33.44	\$45.67
P/E ratio (1 year forecast)	22.94	16.02
Standard deviation (3 years)	21.97	17.34
Beta (3 years)	1.17	_
Turnover ratio (as of 31 Oct 22)	15%	_

This data relates to the portfolio and the underlying securities held in the portfolio. It should not be construed as a measure of performance for the Fund itself.

Risk statistics are calculated based on the Institutional Class and may vary for other classes.

For more information contact: 800.752.8700 or visit nuveen.com

Important information on risk

Mutual fund investing involves risk; principal loss is possible. There is no guarantee the Fund's investment objectives will be achieved. **Non-U.S. investments** involve risks such as currency fluctuation, political and economic instability, lack of liquidity and differing legal and accounting standards. These risks are magnified in **emerging markets**. These and other risk considerations, such as active management and issuer risks, are described in detail in the Fund's prospectus.

This material is not intended to be a recommendation or investment advice, does not constitute a solicitation to buy, sell or hold a security or an investment strategy, and is not provided in a fiduciary capacity. The information provided does not take into account the specific objectives or circumstances of any particular investor, or suggest any specific course of action. Investment decisions should be made based on an investor's objectives and circumstances and in consultation with his or her financial professional.

Glossary

Beta is a measure of the volatility of a portfolio relative to the overall market. A beta less than 1.0 indicates lower risk than the market; a beta greater than 1.0 indicates higher risk than the market. **P/E ratio** of a stock is calculated by dividing the current price of the stock by its forecasted 12 months' earnings per share. The average of the price/earnings ratio of a fund is a weighted harmonic average of all the current P/E ratios (excluding

negatives) of the stocks in the Fund's portfolio. This should not be construed as a forecast of the Fund's performance. **Standard deviation** is a statistical measure of the historical volability of a mutual fund or portfolio; the higher the number the greater the risk. **Turnover ratio** is calculated by dividing the lesser of purchases or sales by the average value of portfolio assets during a period. Turnover is based on the portfolio's fiscal year end and is not annualized if the reporting period covers less than 12 months. **Weighted average market capitalization** is the portfolio-weighted mean capitalizations of all equity securities.

MSCI All Country World Index ex USA is a free float-adjusted market capitalization weighted index that is designed to measure the equity market performance of developed and emerging market nations, excluding the United States. It is not possible to invest directly in an index.

Before investing, carefully consider fund investment objectives, risks, charges and expenses. For this and other information that should be read carefully, please request a prospectus or summary prospectus from your financial professional or Nuveen at 800.752.8700 or visit nuveen.com.

The investment advisory services, strategies and expertise of TIAA Investments, a division of Nuveen, are provided by Teachers Advisors, LLC and TIAA-CREF Investment Management, LLC.

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