

# TIAA-CREF Lifecycle Index 2050 Fund - Institutional Class

**Category**  
Target-Date 2050

## Investment Objective & Strategy

### From the investment's prospectus

The investment seeks high total return over time through a combination of capital appreciation and income.

The fund is a "fund of funds" that invests in Class W shares of other funds of the Trust and potentially in other investment pools or investment products. It has a policy of investing at least 80% of its assets (net assets, plus the amount of any borrowings for investment purposes) in underlying funds that are managed to seek investment returns that track particular market indices. Advisors currently expects to allocate approximately 90.50% of the fund's assets to equity underlying funds and 9.50% of its assets to fixed-income underlying funds.

## Volatility and Risk

**Volatility** as of 03-31-23



Risk Measures as of 03-31-23	Port Avg	Rel S&P 500	Rel Cat
3 Yr Std Dev	17.16	0.89	1.01
3 Yr Beta	1.33	—	1.02

## Principal Risks

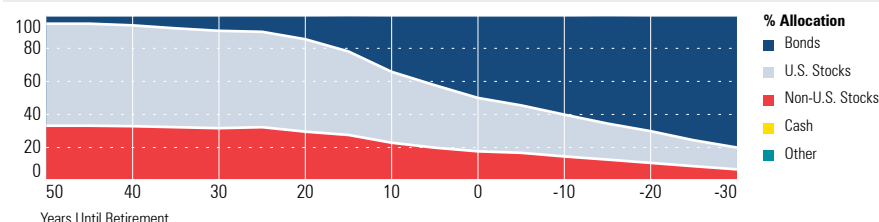
Credit and Counterparty, Extension, Prepayment (Call), Currency, Emerging Markets, Foreign Securities, Loss of Money, Not FDIC Insured, Active Management, Income, Index Correlation/Tracking Error, Issuer, Interest Rate, Market/Market Volatility, Equity Securities, Restricted/Illiquid Securities, Underlying Fund/Fund of Funds, Pricing, Fixed-Income Securities, Management, Small Cap, Mid-Cap

## Important Information

**Morningstar Investment Profiles must be accompanied by Morningstar Disclosure and Glossary.**

Funds or their affiliates may pay compensation to Voya® affiliates offering a fund. Such compensation may be paid out of distribution, service and/or 12b-1 fees that are deducted from the fund's assets, and/or may be paid directly by the fund's affiliates. Any fees deducted from fund assets are discussed in the fund's prospectus and disclosed in the fund fact sheet. Because these fees are paid on an on-going basis, over time these fees will increase the cost of your investment and may cost you more than paying other types of sales charges. If offered through a retirement program, additional fees and expenses may be charged under that program. NOT A DEPOSIT. NOT FDIC INSURED. NOT INSURED BY ANY FEDERAL GOVERNMENT AGENCY. NOT GUARANTEED BY THE INSTITUTION. MAY GO DOWN IN VALUE.

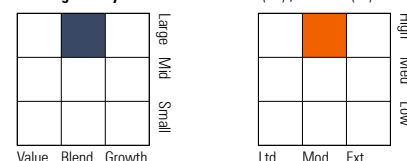
## Allocation of Stocks and Bonds



## Portfolio Analysis



**Morningstar Style Box™** as of 03-31-23(EQ) ; 02-28-23(F-I)



**Top 5 Holdings** as of 03-31-23

	% Assets
TIAA-CREF Equity Index W	58.90
TIAA-CREF International Eq Idx W	22.14
TIAA-CREF Emerging Markets Eq Idx W	9.44
TIAA-CREF Bond Index W	9.37

**Morningstar Super Sectors** as of 03-31-23

	% Fund
Cyclical	34.82
Sensitive	42.17
Defensive	23.00

**Credit Analysis: % Bonds** as of 02-28-23

AAA	73	BB	0
AA	3	B	0
A	11	Below B	0
BBB	13	Not Rated	0

**Morningstar F-I Sectors** as of 03-31-23

	% Fund
Government	38.38
Corporate	21.56
Securitized	25.83
Municipal	0.64
Cash/Cash Equivalents	13.59
Other	0.00

## Operations

Gross Prosp Exp Ratio	0.17% of fund assets
Net Prosp Exp Ratio	0.10% of fund assets
Management Fee	0.15%
12b-1 Fee	—
Other Fee	0.02%
Miscellaneous Fee(s)	0.00%
Fund Inception Date	09-30-09
Total Fund Assets (\$mil)	4,452.2
Annual Turnover Ratio %	11.00
Fund Family Name	TIAA Investments

**Waiver Data**

Type	Exp. Date	%
Expense Ratio	Contractual	09-30-23 0.07

## Portfolio Manager(s)

John Cuniff, CFA. Since 2009.  
Steve Sedmak, CFA. Since 2018.

Advisor Teachers Advisors LLC  
Subadvisor —

## Notes

Restated to reflect estimates for the current fiscal year. Under the Fund's expense reimbursement arrangements, the Fund's investment adviser, Teachers Advisors, LLC ("Advisors"), has contractually agreed to reimburse the Fund for any Total annual Fund operating expenses (excluding interest, taxes, brokerage commissions or other transactional expenses, Acquired fund fees and expenses, extraordinary expenses) that exceed: 0.044% of average daily net assets for Institutional Class shares of the Fund. These expense reimbursement arrangements will continue through at least September 30, 2023, unless changed with approval of the Board of Trustees. Advisors has contractually agreed to waive 0.056% of the Fund's Management fee. This waiver will remain in effect through September 30, 2023, unless changed with the approval of the Board of Trustees.