OPERS

Release Date:12-31-2020

OPERS Target 2040 Fund

Benchmark
Morningstar Lifetime Mod 2040 TR USD

Overall Morningstar Rating™	Morningstar Return	Morningstar Risk
★★	Below Average	Average

Rated against 197 Target-Date 2040 funds. **An investment's overall Morningstar Rating, based on its risk-adjusted return, is a weighted average of its applicable 3-, 5-, and 10-year Ratings. See disclosure for details.**

Investment Strategy

This fund seeks long-term growth of capital and provides a single diversified investment option composed of stocks and bonds for members during their working careers. It is automatically adjusted during the course of a specified time period aimed at a target retirement date.

The OPERS Target 2040 Fund should provide a diversified investment that is appropriate for an investor who has a long (retiring between 2038 and 2042) investment period and is very comfortable with fluctuations in the value of their investment.

The asset allocation of the 2040 Fund is established by OPERS general investment consultant New England Pension Consultants. Staff then uses a variety of BlackRock index funds to construct the recommended asset allocation for this fund.

Category Description: Target-Date 2040

Target-date portfolios provide diversified exposure to stocks, bonds, and cash for those investors who have a specific date in mind (in this case, the years 2036-2040) for retirement. These portfolios aim to provide investors with an optimal level of return and risk, based solely on the target date. Management adjusts the allocation among asset classes to more-conservative mixes as the target date approaches, following a preset glide path. A target-date portfolio is part of a series of funds offering multiple retirement dates to investors.

Volatility Analysis

In the past, this investment has shown a relatively moderate range of price fluctuations relative to other investments. This investment may experience larger or smaller price declines or price increases depending on market conditions. Some of this risk may be offset by owning other investments with different portfolio makeups or investment strategies.

Best 3 Month Return	Worst 3 Month Return
27.90%	-33.53%
(Mar '09 - May '09)	(Sep '08 - Nov '08)

Operations

Expense Ratio	0.04% of fund assets
Fund Inception Date	04-01-08
Total Fund Assets ($mil)	237.86

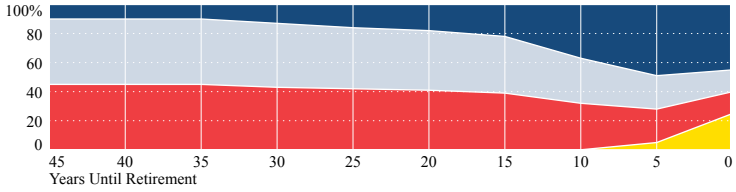
Portfolio Manager(s)
NEPC LLC

Management Company	BlackRock

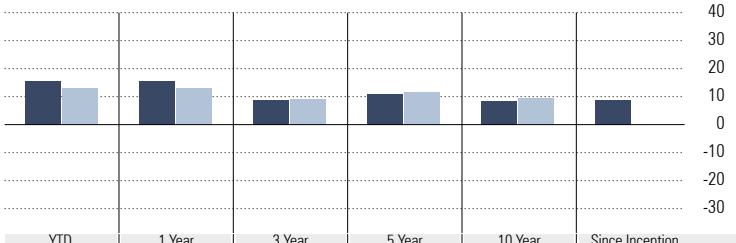
Notes

You should review Investment Disclosures before making any decisions.The Morningstar Rating that is reflected on page is hypothetical, because Morningstar does not independently analyze the custom fund universe. Rather the Rating is assigned to the custom fund universe as a means to compare the institutional funds with the universe of mutual funds that Morningstar rates.

Allocation of Stocks and Bonds



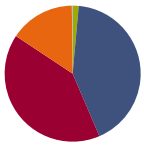
Performance



	YTD	1 Year	3 Year	5 Year	10 Year	Since Inception
Fund Return %	15.61	15.61	8.74	11.06	8.36	8.59
Benchmark Return %	13.09	13.09	9.10	11.48	9.34	—
Category Average %	14.56	14.56	9.21	10.99	9.02	6.71
Morningstar Rating™	—	—	★★	★★★	★★	—
# of Funds in Category	—	—	197	158	89	—

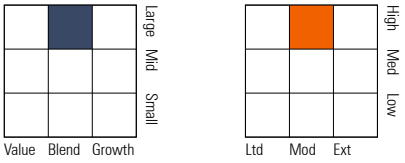
Portfolio Analysis as of 12-31-20

Composition as of 12-31-20



	% Assets
U.S. Stocks	42.1
Non-U.S. Stocks	40.8
Bonds	15.5
Cash	1.4
Other	0.2

Morningstar Style Box™ as of 12-31-20(EQ) ; 12-31-20(F-I)



Top 10 Holdings as of 12-31-20

	% Assets
BlackRock MSCI ACWI ex U.S. Index F	40.77
BlackRock Russell 1000® Index NL F	22.21
BlackRock Russell 2000® Index NL F	20.17
BlackRock U.S. Debt Index NL F	9.56
BlackRock Govt/Credit Bond Index NL F	7.30

Total Number of Holdings	5
Annual Turnover Ratio %	—

Morningstar Sectors as of 12-31-20

	% Fund	S&P 500 %
Cyclical	37.35	30.69
Basic Materials	5.50	2.27
Consumer Cyclical	12.20	12.50
Financial Services	15.71	13.50
Real Estate	3.94	2.42
Sensitive	38.98	46.03
Communication Services	7.36	10.77
Energy	3.25	2.28
Industrials	11.77	8.79
Technology	16.60	24.19
Defensive	23.67	23.28
Consumer Defensive	7.09	6.97
Healthcare	13.54	13.55
Utilities	3.04	2.76

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