

# Voya Index Solution 2045 Portfolio

## Fund Facts

fi360 Fiduciary Score<sup>®</sup>

As of 12/31/19

Class I Overall Score:

0<sup>1</sup>

	Ticker	CUSIP	Inception
Class ADV	ISJAX	92914H591	03/10/2008
Class I	ISJIX	92914H724	03/10/2008
Class S	ISJSX	92914H666	03/10/2008
Class S2	ISVLX	92914L568	05/28/2009
Class Z	VSZFX	92914J464	05/01/2015

## Summary

Total Net Assets (\$ millions)	\$748.7
Number of Holdings	9
Distribution Frequency	Annually
Morningstar Category	Target-Date 2045

## Returns-Based Characteristics<sup>2</sup>

Alpha	-0.56
Beta	1.05
R-Squared	0.99
Sharpe Ratio	0.69
Standard Deviation	10.53
Information Ratio	-0.30

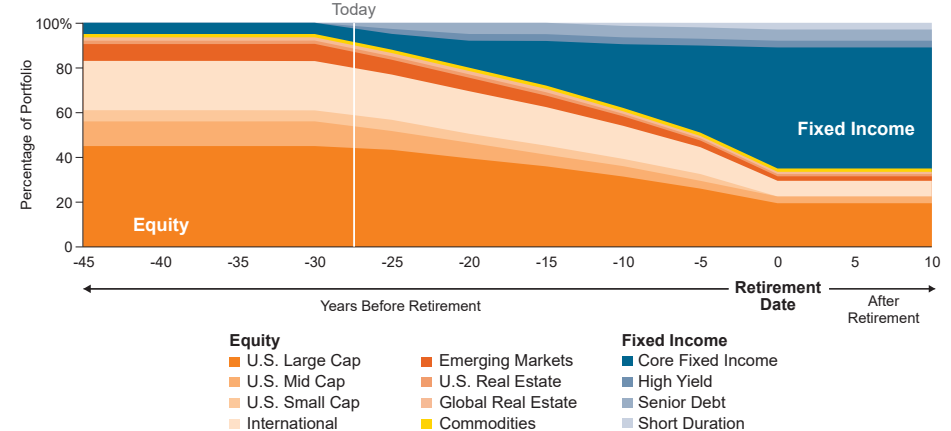
## Fund Highlights

The Voya Index Solution Portfolios are a diversified target date portfolio suite designed to evolve alongside a participant's career based on their retirement date and risk profile. The suite invests passively managed investment options that track different market indices around the world. The Portfolios gradually adjust over time to become more conservative as the target retirement year approaches. The Voya Index Solution 2045 Portfolio is designed for people who plan to begin living their retirement goals in the years 2043 to 2047.

## Investment Objective

Until the day prior to its Target Date, the Portfolio seeks to provide total return consistent with an asset allocation targeted at retirement in approximately 2045. On the Target Date, the Portfolio's investment objective will be to seek to provide a combination of total return and stability of principal consistent with an asset allocation targeted to retirement.

## Voya Index Solution 2045 Portfolio



For illustrative purposes only. This is intended to show how the portfolio transitions over time and may not reflect current allocations. The Portfolio may periodically deviate from the Target Allocation, (+/- 10% relative to the current Target Allocation). The sub-advisor may deviate by a wider margin to protect the Portfolio, achieve its investment objective, or take advantage of particular opportunities.

## Voya Index Solution 2045 Portfolio Performance (%)

As of 12/31/19	QTR	YTD	1 Year	3 Years	5 Years	10 Years	Expense Ratio <sup>3</sup>	
							Gross	Net
Class I	7.78	24.89	24.89	11.39	8.04	9.52	0.41	0.39
Class Z <sup>4</sup>	7.87	25.17	25.17	11.62	<b>8.24</b>	<b>9.62</b>	0.41	0.17
Benchmark <sup>5</sup>	7.48	24.02	24.02	11.01	8.32	9.67	-	-

The performance quoted represents past performance and does not guarantee future results. Current performance may be lower or higher than the performance information shown. The investment return and principal value of an investment in the Portfolio will fluctuate, so that your shares, when redeemed, may be worth more or less than their original cost. For performance information current to the most recent month-end, please visit [www.voyainvestments.com](http://www.voyainvestments.com).

There is no guarantee that a diversified portfolio will outperform a non-diversified portfolio. There is no guarantee that any investment option will achieve its stated objective. Principal value fluctuates and there is no guarantee of value at any time, including the target date.

<sup>3</sup> The Adviser has contractually agreed to limit expenses of the Portfolio. This expense limitation agreement excludes interest, taxes, investment-related costs, leverage expenses, and extraordinary expenses and may be subject to possible recoupment. Please see the Portfolio's prospectus for more information. The expense limits will continue through at least 2020-05-01. Expenses are being waived to the contractual cap. The Portfolio's Acquired (Underlying) Funds Fees and Expenses are based on a weighted average of the fees and expenses of the Underlying Funds in which it invests. The amount of fees and expenses of the Underlying funds borne by a Portfolio will vary based on the Portfolio's allocation of assets to, and annualized net expenses of, the particular Underlying Funds during the Portfolio's fiscal year.

<sup>4</sup> Class Z Inception 05/01/2015. Historical performance shown for Class Z shares reflects the historical performance of Class I shares for those periods prior to the inception date of Class Z (represented by the italicized blue text). Historical performance of Class Z shares likely would have been different based on differences in share class expense ratios.

<sup>5</sup> S&P Target Date 2045 Index

<sup>1</sup> Out of 208 peers.

<sup>2</sup> Returns-Based Characteristics are shown for Class I shares only based on 5-yr returns. For definitions, see Glossary of Terms.

Total investment return at net asset value has been calculated assuming a purchase at net asset value at the beginning of the period and a sale at net asset value at the end of the period; and assumes reinvestment of dividends, capital gain distribution and return of capital distributions/allocations, if any, in accordance with the provisions of the dividend reinvestment plan. Net asset value equals total Fund assets net of Fund expenses such as operating costs and management fees. Total investment return at net asset value is not annualized for periods less than one year. Performance does not account for taxes. Returns for other share classes vary due to different charges and expenses.

## Portfolio Managers



**Halvard Kvaale, CIMA**  
Portfolio Manager  
Managed Fund since 2012



**Barbara Reinhard, CFA**  
Portfolio Manager  
Managed Fund since 2019



**Paul Zemsky, CFA**  
Portfolio Manager  
Managed Fund since 2008

## Calendar Year Total Returns (%)

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Class I	14.28	-3.92	16.19	24.34	6.32	-1.61	8.29	20.48	-8.16	24.89
Class Z	-	-	-	-	-	-	8.47	20.81	-8.03	25.17
Benchmark <sup>5</sup>	15.62	-2.56	15.15	23.14	5.67	-0.46	9.54	19.56	-7.74	24.02

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## Top Holdings (%)

Voya U.S. Stock Index Portfolio - Class P2	51.46
Voya International Index Portfolio - Class P2	22.95
Voya Emerging Markets Index Portfolio - Class P2	7.20
Voya U.S. Bond Index Portfolio - Class P2	7.04
Voya Russell Mid Cap Index Portfolio - Class P2	4.49
Voya Russell Small Cap Index Portfolio - Class P2	3.01
iShares 1-3 Year Treasury Bond ETF	1.69
Vanguard Real Estate ETF	1.22
Vanguard Global ex-U.S. Real Estate ETF	0.94

Excludes investments made with cash collateral received for securities on loan.

## Disclosures

<sup>5</sup> The **S&P Target Date® Index Series** consists of twelve multi-asset class indices, each corresponding to a particular target retirement date. The benchmark asset allocation and glide path for each index in the series is determined once a year and represents market consensus across the universe of target date fund managers. The Index does not reflect fees, brokerage commissions, taxes or other expenses of investing.

**Investors cannot directly invest in an index.**

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Due to rounding, numbers presented may not add up to 100% and percentages may not precisely reflect the absolute figures.

The strategy discussed may be available to you as part of your employer sponsored retirement plan. There may be additional plan level fees resulting in personal performance that varies from stated performance. Please call your benefits office for more information.

**Investment Risks:** As with any portfolio, you could lose money on your

investment in the Voya Index Solution Portfolios. Although asset allocation seeks to optimize returns given various levels of risk tolerance, you still may lose money and experience volatility. Market and asset class performance may differ in the future from historical performance and the assumptions used to form the asset allocations for the Voya Index Solution Portfolios. There is a risk that you could achieve better returns in an underlying portfolio or other portfolios representing a single asset class than in the Voya Index Solution Portfolios. Please keep in mind, using asset allocation as part of your investment strategy neither assures nor guarantees better performance and cannot protect against loss in declining markets. The share price of the Portfolios normally changes daily based on changes in the value of the securities that the Portfolios hold. The investment strategies used may not produce the intended results. The principal risks of investing in the Portfolios and the circumstances reasonably likely to cause the value of your investment in the Portfolios to decline include: asset allocation risk, credit risk, debt securities risk, equity securities risk, foreign investment risk, growth investing risk, inflation-indexed bonds risk, interest rate risk, market and company risk, real estate risk, REITs risk, U.S. Government securities and obligations risk, derivatives risk and value investing risk. If you would like additional information regarding the risks of the Portfolios' underlying funds, please see "Description of the Investment Objectives, Main Investments and Risks of the Underlying Funds" and the "More Information on Risks" sections of the Prospectus. The Index Solution Portfolios may only be offered to variable annuity and variable life insurance separate accounts ("Variable Contracts"), qualified pension

and retirement plans which includes plans qualified under Sections 401 of the Internal Revenue Code ("IRC") as well as 403(b) annuity plans, 403(b)(7) custodial accounts, 408(a) individual retirement accounts, eligible governmental and deferred compensation plans under Sections 414(d) or 457(b) or plans described in 501(c)18 of the IRC, certain investment advisers and their affiliates in connection with the creation or management of the Index Solution Portfolios and certain other management investment companies.

The strategy employs a quantitative model to execute the strategy. Data imprecision, software or other technology malfunctions, programming inaccuracies and similar circumstances may impair the performance of these systems, which may negatively affect performance. Furthermore, there can be no assurance that the quantitative models used in managing the strategy will perform as anticipated or enable the strategy to achieve its objective.

**Glossary of Terms:** **Alpha** measures the difference between a fund's actual return and its level of risk as measured by beta. **Beta** measures the Fund's volatility relative to the overall market. **Information Ratio** measures the returns above the returns of a benchmark to the volatility of those returns. **R-Squared** is the way in which a percentage of a portfolio's total returns represents the portfolio's beta measure. **Sharpe Ratio** is a risk-adjusted measure calculated using standard deviation and excess return to determine reward per unit of risk. **Standard Deviation** is a measure of the degree to which an individual probability value varies from the distribution mean.

## fi360 Fiduciary Score®

0-25	Top Quartile
26-50	Second Quartile
51-75	Third Quartile
76-100	Bottom Quartile

## fi360 Fiduciary Score®

The **fi360 Fiduciary Score®** is a peer percentile ranking of an investment against a set of quantitative due diligence criteria indicative of prudent fiduciary management. Each investment is evaluated against nine individual factors and thresholds, with points allotted if it fails a particular criterion. Investments with 0 points are automatically given an **fi360 Fiduciary Score®** of 0. Every other investment is given a Score of 1-100 representing their percentile ranking. The lower the Score, the better. The fi360 Fiduciary Score® should not be used as the sole source of information in an investment decision. Visit [fi360.com/fi360-Fiduciary-Score](http://fi360.com/fi360-Fiduciary-Score) for the complete methodology document.

**You should consider the investment objectives, risks, charges and expenses of the variable product and its underlying fund options carefully before investing. The prospectuses contain this and other information regarding the variable product and its underlying fund, options and can be obtained by contacting your local representative by calling (800) 386-3799 or visiting [www.voyainvestments.com](http://www.voyainvestments.com). Please read all materials carefully before investing.**

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