STATE OF INDIANA AUDITOR OF STATE 200 W. Washington St; Room 240 Indianapolis, Indiana 46204



MEMORANDUM

To: State Board of Finance

From: Auditor Tera K. Klutz, Administrator, Indiana Deferred Compensation Plans

Date: February 23, 2023

RE: Indiana Deferred Compensation Plan Report pursuant to IC 5-10-1.1-4(h)

Indiana code 5-10-1.1-4(h) requires the Deferred Compensation Committee to report to the State Board of Finance at least annually on the status of, and any changes to, the State 457(b) and 401(a) Plans, commonly known as Hoosier START. To satisfy this statutory requirement, please find the enclosed report for your review.

State of Indiana Public Employees' Deferred Compensation Plans 457(b)/401(a) Performance & Evaluation Annual Report for the Year Ending 2022

The Committee reports the following change to the Plans in 2022:

 IDCC selected a new Third-Party Administrator/Recordkeeper following a Request for Proposal (RFP) process. The Plan transitioned from Empower Retirement to Nationwide on April 11, 2022.





Indiana Deferred Compensation Plans

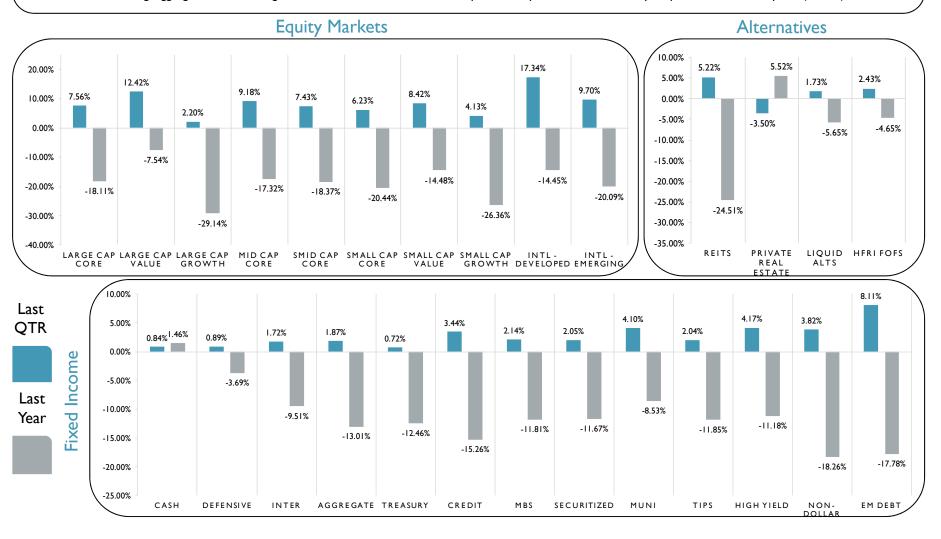
Annual Performance & Evaluation Report

For Period Ended December 31, 2022



Market Overview

The fourth quarter provided a welcomed and hopeful rebound for investors as all styles of Equity, Fixed Income, and Alternatives posted positive absolute returns amid signs that the year's historically high inflation was moderating. Uncertainty still surrounds the degree to which the Fed can engineer a 'soft landing' while subduing inflation. Year-over-year Headline CPI was 6.5% in December, abating from its 2022 high of 9.1% in June. The Fed continued its monetary policy strategies of raising interest rates in the fourth quarter, bringing the target range for the Fed Funds Rate to 4.25% - 4.5%. In 2022, the cumulative rate hikes totaled 425 basis points. Metrics for the labor market remain strong despite publicized layoffs as the unemployment rate held steady at 3.7% at the end of the fourth quarter. The broad proxy for Large Cap U.S. stocks, the S&P 500 Index, generated a 7.6% return in the fourth quarter but posted its worst trailing 12-month return since 2008 (-18.1%). The broad proxy for U.S. Fixed Income, the Bloomberg Aggregate Bond Index, generated a 1.9% return in the fourth quarter but posted the worst one-year period since its inception (-13.0%).





Market Overview - Equity Detail

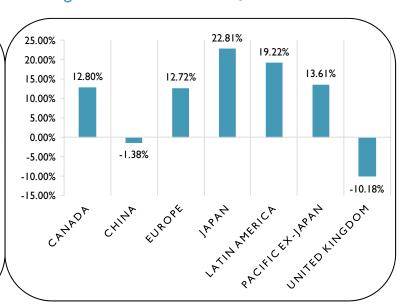
Equity Commentary

- Equity markets rebounded in the fourth quarter, with all styles showing positive returns for the first time since late 2021, spurred by signs that inflation was moderating.
- Value outperformed Growth, a rotation from the third quarter.
- On a relative basis, Large Cap outpaced Small Cap.
- Developed International was the best performing Equity style (+17.3%) with Large Cap Growth representing the largest drag (+2.2%), albeit positive.
- All Equity styles are showing sharp negative returns over the last one-year period, led by Large Cap Growth.
- On a sector basis, Energy (+22.2%) and Industrials (+19.2%) were the best performers with Consumer Discretionary representing the largest drag (-10.2%).
- Non-cyclical sectors like Energy (+65.7%) and Utilities (+1.6%) were the best performers over the last one-year period.

S&P 500 Sectors – Last Quarter Returns

22.81% 25.00% 19.22% 20.00% 15.05% 13.61% 12.80% 12.72% 15.00% 8.64% 10.00% 5.00% 0.00% -1.38% -5.00% -10.00% -10.18% -15.00%

Regional Markets – Last Quarter Returns



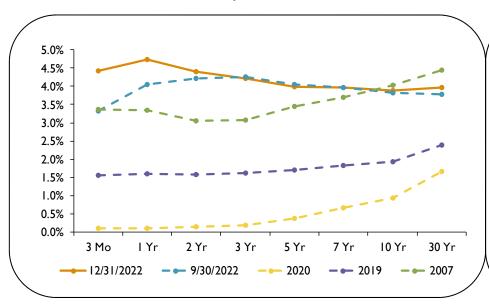


Market Overview - Fixed Income Detail

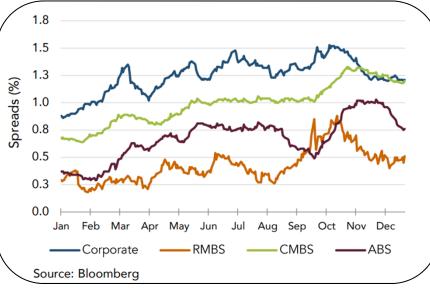
Fixed Income Commentary

- Fixed Income markets rebounded in the fourth quarter, with all styles showing positive returns, spurred by signs that inflation was moderating.
- The Bloomberg Aggregate Index finished positive (+1.9%) in the fourth quarter but posted the worst trailing one-year return in 2022 since its inception.
- Spread sectors finished positive, led by High Yield (+4.2%) and Credit (+3.4%).
- Non-Dollar (+3.8%) and EM Debt (+8.1%) both finished positive with EM Debt as the best performing style in the fourth quarter.
- The Federal Reserve raised interest rates 125 bps in the quarter, bringing the Fed Funds rate to 4.25% 4.5%.
- 3-month Treasury yields increased by 109 bps during the quarter.
- 10-year Treasury yields increased by 5 bps in the fourth quarter.
- The yield curve finished flatter by 14bps as measured by the 2/10 spread.

U.S. Treasury Yield Curve



Spreads to U.S. Treasuries





Total Plan Performance





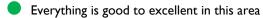
Asset Breakdown

| | Style | Total Plan | |
|---|--|-----------------|--------|
| | | | % |
| State of Indiana Employees Deferred Compensation 457/401(a) Plans | | \$1,629,064,385 | 100.00 |
| Total Target Date Funds | | \$319,087,130 | 19.59 |
| State Street Target Ret 2065 | Target-Date 2065+ | \$2,475,641 | 0.15 |
| State Street Target Ret 2060 | Target-Date 2060 | \$23,854,106 | 1.46 |
| State Street Target Ret 2055 | Target-Date 2055 | \$18,705,118 | 1.15 |
| State Street Target Ret 2050 | Target-Date 2050 | \$37,418,281 | 2.30 |
| State Street Target Ret 2045 | Target-Date 2045 | \$48,869,089 | 3.00 |
| State Street Target Ret 2040 | Target-Date 2040 | \$23,949,217 | 1.47 |
| State Street Target Ret 2035 | Target-Date 2035 | \$47,877,799 | 2.94 |
| State Street Target Ret 2030 | Target-Date 2030 | \$26,714,519 | 1.64 |
| State Street Target Ret 2025 | Target-Date 2025 | \$50,083,866 | 3.07 |
| State Street Target Ret 2020 | Target-Date 2020 | \$13,411,987 | 0.82 |
| State Street Target Ret Income | Target-Date Retirement | \$25,727,506 | 1.58 |
| Total Core & Specialty Options | | \$1,309,977,255 | 80.41 |
| SSGA S&P 500 Index Fd | IM U.S. Large Cap Index Equity (SA+CF) | \$136,769,091 | 8.40 |
| Vanguard FTSE Social Index I | Large Blend | \$53,078,646 | 3.26 |
| BNYM Newton NSL US Dynamic LC Value | Large Value | \$131,789,633 | 8.09 |
| T. Rowe Price Blue Chip Growth | Large Growth | \$103,478,264 | 6.35 |
| MFS Mid Cap Value R3 | Mid-Cap Value | \$36,770,012 | 2.26 |
| Vanguard Capital Opportunity Adm | Mid-Cap Growth | \$122,737,180 | 7.53 |
| SSGA Russ Small-Mid Cap Idx Fd | SMID Blend | \$44,133,547 | 2.71 |
| Fidelity® Low-Priced Stock | All Cap Blend | \$23,696,666 | 1.45 |
| Fidelity® Diversified Intl K6 | Foreign Large Blend | \$69,874,078 | 4.29 |
| American Funds Europacific Growth R6 | Foreign Large Blend | \$82,964,241 | 5.09 |
| Indiana Flexible Bond Fund | Nontraditional Bond | \$29,729,142 | 1.82 |
| SSGA US Infl Bond Idx | Inflation-Protected Bond | \$60,256,177 | 3.70 |
| | | | |
| PIMCO Total Return A | Intermediate Core-Plus Bond | \$77,371,563 | 4.75 |



Scorecard

| 7.5 01 December 31, 2022 | | | |
|--------------------------------------|--------------------|------------------------|-----------------------|
| Fund Name | Qualitative Review | Short-Term Performance | Long-Term Performance |
| State Street Target Ret 2065 | • | • | • |
| State Street Target Ret 2060 | • | • | • |
| State Street Target Ret 2055 | • | • | • |
| State Street Target Ret 2050 | • | • | • |
| State Street Target Ret 2045 | • | • | • |
| State Street Target Ret 2040 | • | • | • |
| State Street Target Ret 2035 | • | • | • |
| State Street Target Ret 2030 | • | • | • |
| State Street Target Ret 2025 | • | • | • |
| State Street Target Ret 2020 | • | • | • |
| State Street Target Ret Income | • | • | • |
| SSGA S&P 500 Index Fd | • | • | • |
| Vanguard FTSE Social Index I | • | • | • |
| BNYM Newton NSL US Dynamic LC Value | • | • | • |
| T. Rowe Price Blue Chip Growth | • | • | • |
| MFS Mid Cap Value R3 | • | • | • |
| Vanguard Capital Opportunity Adm | • | • | • |
| SSGA Russ Small-Mid Cap Idx Fd | • | • | • |
| Fidelity® Low-Priced Stock | • | • | • |
| Fidelity® Diversified Intl K6 | • | • | • |
| American Funds Europacific Growth R6 | • | • | • |
| Indiana Flexible Bond Fund | • | • | • |
| SSGA US Infl Bond Idx | • | • | • |
| PIMCO Total Return A | • | • | • |
| Indiana Stable Value Fund | • | • | • |
| _ | | | |



Caution is warranted but action is not required at this time



Watchlist Status

[•] Action is required or is being taken

Total Plan Cash Flow Summary

| | Beginning Market Value | Net Contributions / Withdrawals | Gain/Loss | Ending Market Value | Total Participants |
|--|---------------------------|---------------------------------|--------------|------------------------|-----------------------|
| State Street Target Ret 2065 | \$1,864,146 | \$436,915 | \$174,580 | \$2,475,641 | 4,341 |
| State Street Target Ret 2060 | \$21,208,518 | \$718,890 | \$1,926,698 | \$23,854,106 | 16,837 |
| State Street Target Ret 2055 | \$16,422,488 | \$783,273 | \$1,499,357 | \$18,705,118 | 10,009 |
| State Street Target Ret 2050 | \$33,630,162 | \$733,122 | \$3,054,997 | \$37,418,281 | 12,592 |
| State Street Target Ret 2045 | \$44,226,002 | \$794,985 | \$3,848,102 | \$48,869,089 | 11,842 |
| State Street Target Ret 2040 | \$21,381,146 | \$798,197 | \$1,769,874 | \$23,949,217 | 6,683 |
| State Street Target Ret 2035 | \$43,417,611 | \$1,071,339 | \$3,388,849 | \$47,877,799 | 8,809 |
| State Street Target Ret 2030 | \$24,249,072 | \$712,817 | \$1,752,631 | \$26,714,519 | 5,138 |
| State Street Target Ret 2025 | \$46,965,371 | \$330,846 | \$2,787,649 | \$50,083,866 | 5,776 |
| State Street Target Ret 2020 | \$13,432,512 | -\$626,190 | \$605,665 | \$13,411,987 | 1,683 |
| State Street Target Ret Income | \$25,324,018 | -\$646,191 | \$1,049,678 | \$25,727,506 | 2,237 |
| SSGA S&P 500 Index Fd | \$128,002,952 | -\$961,170 | \$9,727,309 | \$136,769,091 | 29,420 |
| Vanguard FTSE Social Index I (VFTNX) | \$50,094,634 | \$634,563 | \$2,349,449 | \$53,078,646 | 26,166 |
| BNYM Newton NSL US Dynamic LC Value | \$117,860,048 | -\$4,350,540 | \$18,280,124 | \$131,789,633 | 28,452 |
| T. Rowe Price Blue Chip Growth | \$123,624,359 | -\$18,987,604 | -\$1,158,491 | \$103,478,264 | 29,693 |
| MFS Mid Cap Value R3 (MVCHX) | \$33,462,711 | \$1,146,232 | \$2,161,069 | \$36,770,012 | 26,429 |
| Vanguard Capital Opportunity Adm (VHCAX) | \$95,373,883 | \$29,924,845 | -\$2,561,548 | \$122,737,180 | 29,397 |
| SSGA Russ Small-Mid Cap Idx Fd | \$42,006,619 | \$70,311 | \$2,056,618 | \$44,133,547 | 27,463 |
| Fidelity® Low-Priced Stock (FLPSX) | \$20,787,291 | \$461,637 | \$2,447,739 | \$23,696,666 | 11,915 |
| Fidelity® Diversified Intl K6 (FKIDX) | \$62,897,135 | -\$1,801,963 | \$8,778,906 | \$69,874,078 | 27,408 |
| American Funds Europacific Growth R6 (RERGX) | \$74,603,732 | -\$797,654 | \$9,158,163 | \$82,964,241 | 26,389 |
| Indiana Flexible Bond Fund | \$29,000,311 | -\$202,310 | \$931,142 | \$29,729,142 | 24,218 |
| SSGA US Infl Bond Idx | \$57,893,655 | \$1,306,271 | \$1,056,250 | \$60,256,177 | 24,982 |
| PIMCO Total Return A (PTTAX) | \$75,839,321 | \$1,886,518 | -\$354,277 | \$77,371,563 | 27,903 |
| Indiana Stable Value Fund | \$340,916,138 | -\$5,310,212 | \$1,723,088 | \$337,329,014 | 36,284 |
| Total | \$1,544,483,835 | \$8,126,928 | \$76,453,621 | \$1,629,064,385 | 462,066 |





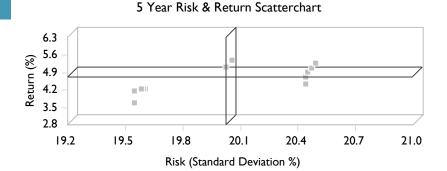


State Street Target Ret 2065 Performance vs. Target-Date 2065+ Peer Group

As of December 31, 2022

Strategy Description

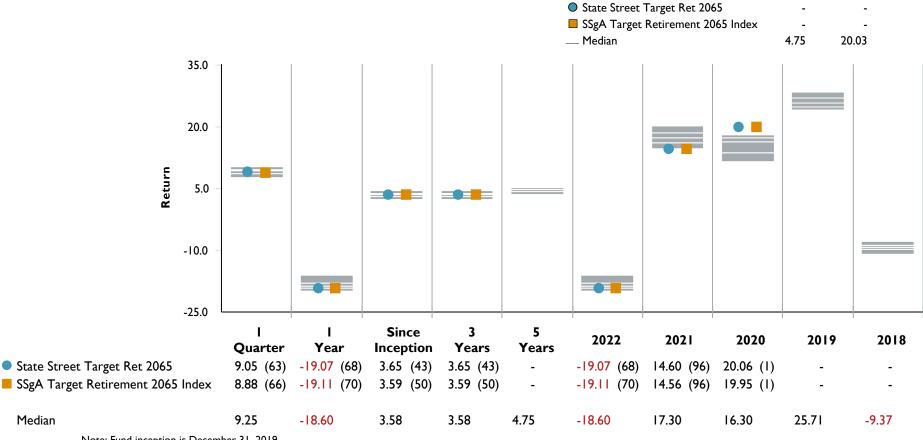
The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.



Standard

Deviation

Return



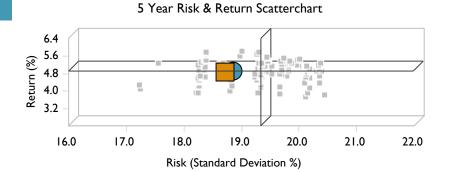


State Street Target Ret 2060 Performance vs. Target-Date 2060 Peer Group

As of December 31, 2022

Strategy Description

The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.





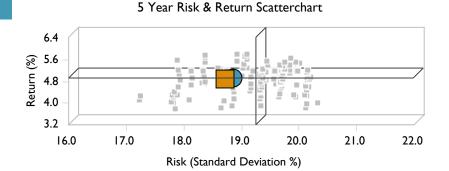


State Street Target Ret 2055 Performance vs. Target-Date 2055 Peer Group

As of December 31, 2022

Strategy Description

The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.





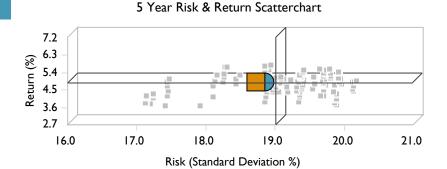


State Street Target Ret 2050 Performance vs. Target-Date 2050 Peer Group

As of December 31, 2022

Strategy Description

The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.



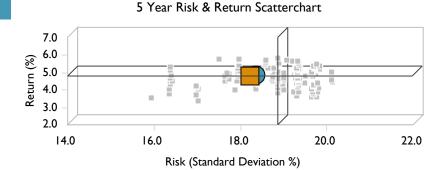


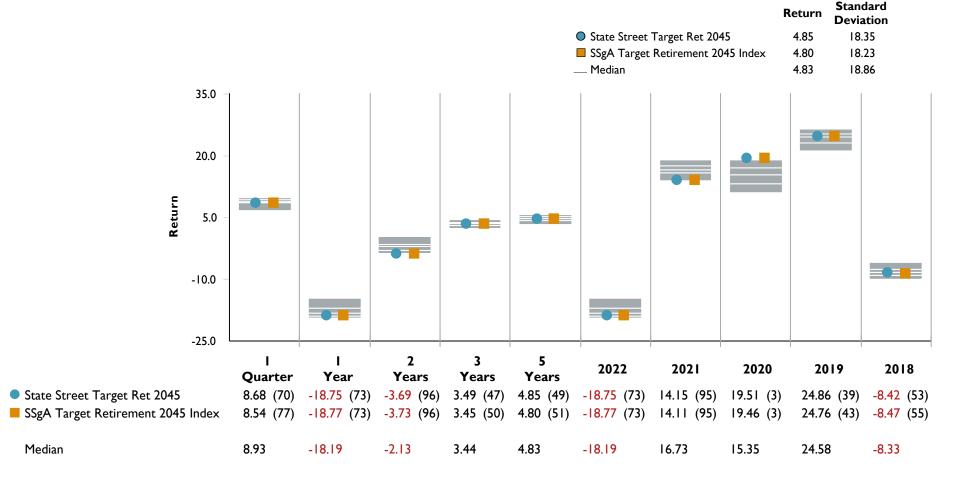


State Street Target Ret 2045 Performance vs. Target-Date 2045 Peer Group

As of December 31, 2022

Strategy Description





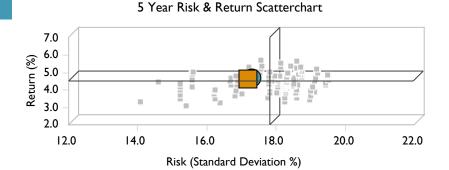


State Street Target Ret 2040 Performance vs. Target-Date 2040 Peer Group

As of December 31, 2022

Strategy Description

The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.



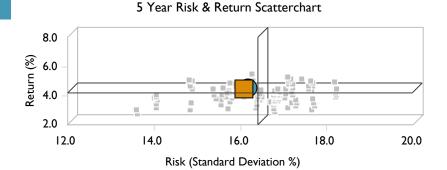


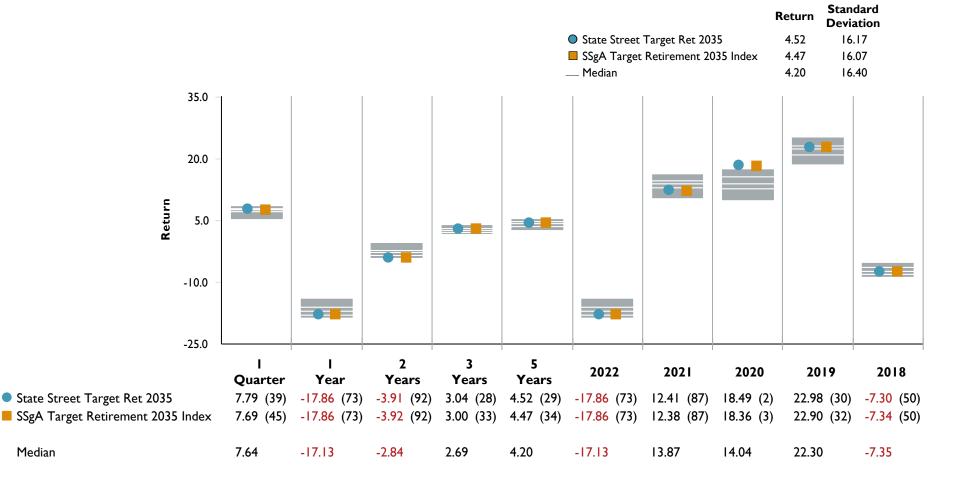


State Street Target Ret 2035 Performance vs. Target-Date 2035 Peer Group

As of December 31, 2022

Strategy Description





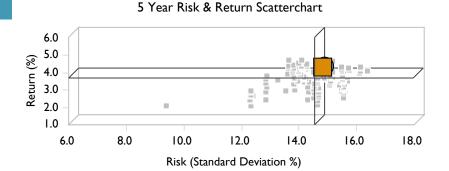


State Street Target Ret 2030 Performance vs. Target-Date 2030 Peer Group

As of December 31, 2022

Strategy Description

The SSGA Target Retirement Funds take a strategic, index-based approach with a diversified underlying fund lineup of passive strategies. The Funds roll down on a quarterly basis and continue to de-risk through the retirement date and fold into a single retirement income fund (SSGA Target Retirement Income Fund) five years after the targeted retirement year is achieved.





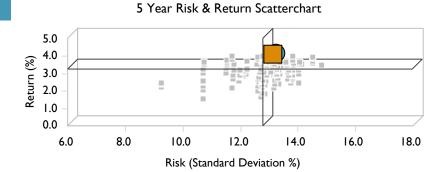


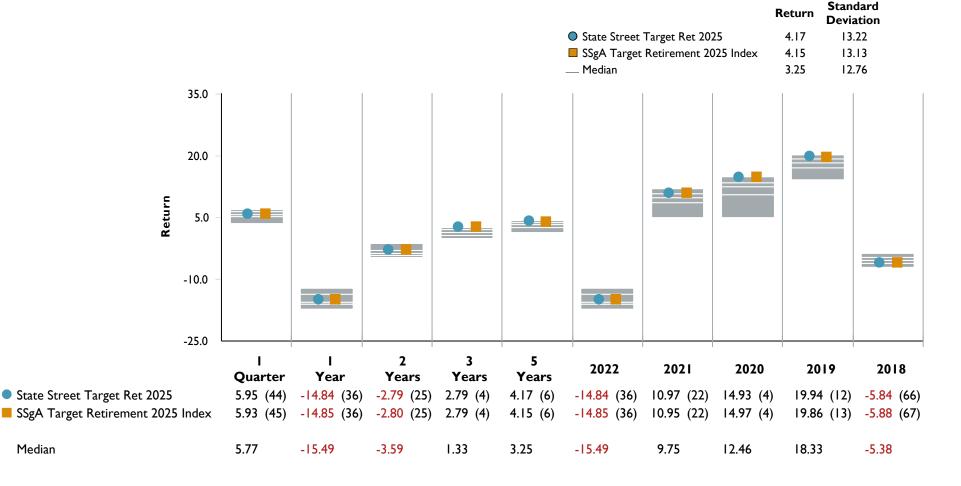
Median

State Street Target Ret 2025 Performance vs. Target-Date 2025 Peer Group

As of December 31, 2022

Strategy Description



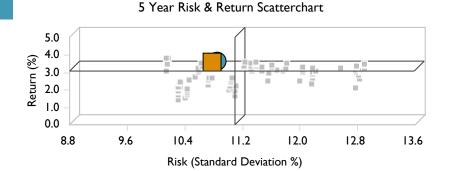




State Street Target Ret 2020 Performance vs. Target-Date 2020 Peer Group

As of December 31, 2022

Strategy Description



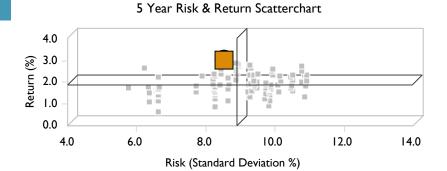




State Street Target Ret Income Performance vs. Target-Date Retirement Peer Group

As of December 31, 2022

Strategy Description





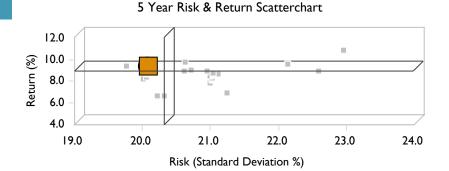


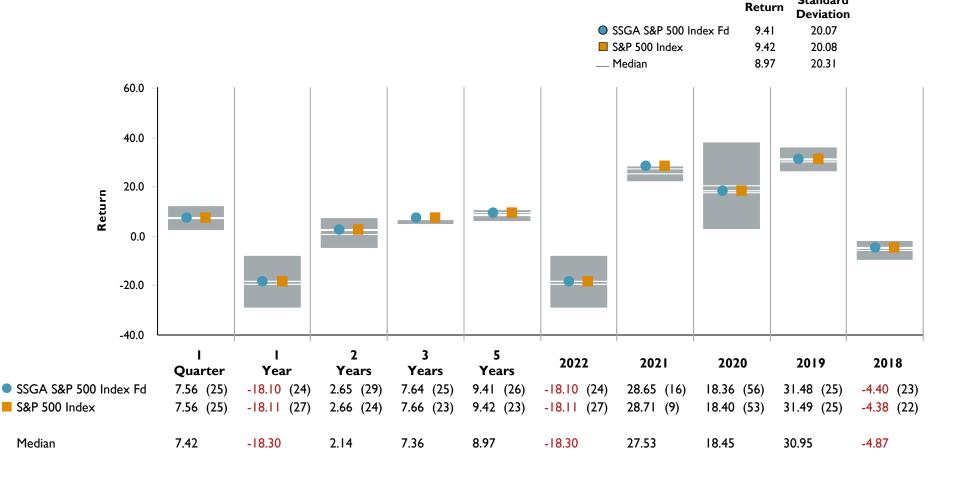
SSGA S&P 500 Index Fd Performance vs. IM U.S. Large Cap Index Equity (SA+CF) Peer Group

As of December 31, 2022

Strategy Description

State Street S&P 500 Index Fund attempts to replicate the performance and portfolio characteristics of the Standard & Poor's 500 Index. The Fund's objective is to match the returns of, and minimize the tracking error versus, the index.





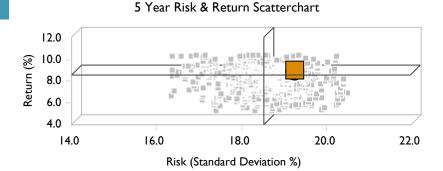


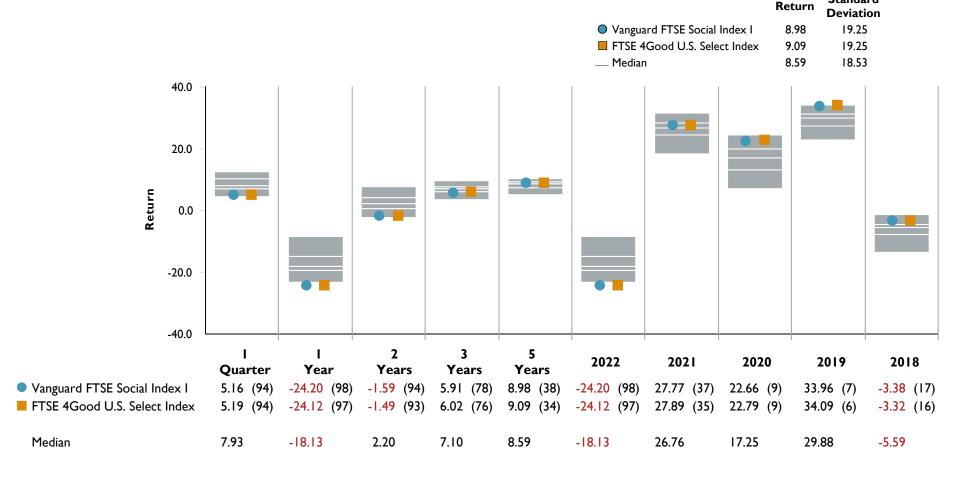
Vanguard FTSE Social Index I Performance vs. Large Blend Peer Group

As of December 31, 2022

Strategy Description

The Vanguard FTSE Social Index Fund attempts to replicate the FTSE 4Good US Select Index. The FTSE 4Good US Select Index will exclude securities based on the following areas: human rights, labor standards, environment, anti-corruption principles, and military weapons.





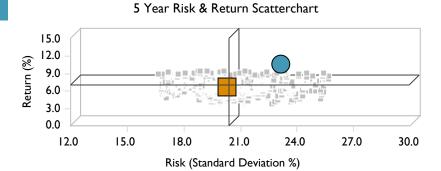


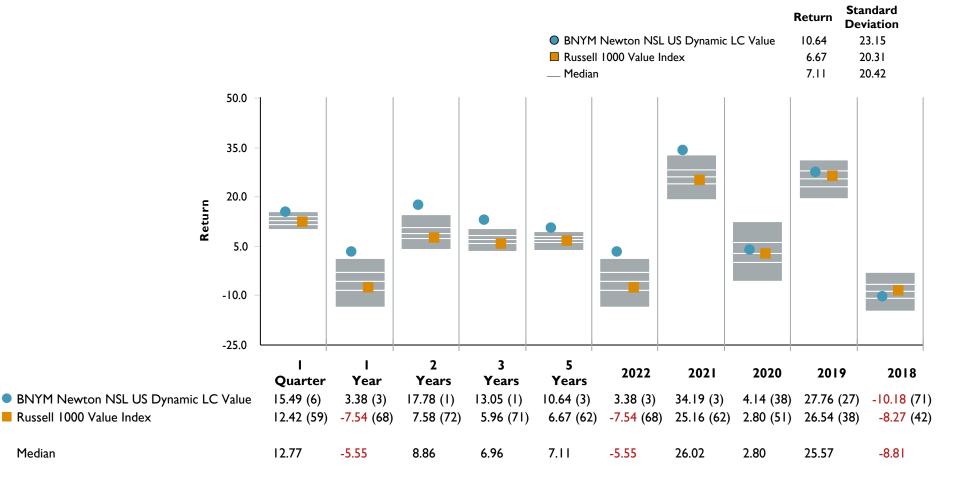
BNYM Newton NSL US Dynamic LC Value Performance vs. Large Value Peer Group

As of December 31, 2022

Strategy Description

The Dynamic Large Cap Value Team believes that a disciplined value-oriented, research-driven, and risk-controlled portfolio will yield strong results over a full market cycle. The team measures relative valuation to the market, sector, and historical valuations; in conjunction with deep fundamental analysis and sector knowledge to identify strong businesses.





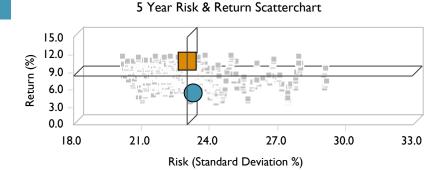


T. Rowe Price Blue Chip Growth Performance vs. Large Growth Peer Group

As of December 31, 2022

Strategy Description

The T Rowe Price Blue Chip Growth Fund's objective is to provide long-term capital growth. Income is a secondary objective. The Fund primarily invests in the common stocks of large and medium-sized blue chip companies that have the potential for above-average earnings growth and are well established in their respective industries.





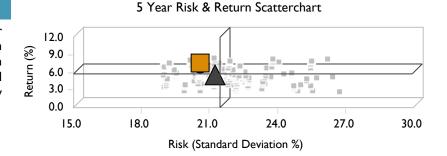


MFS Mid Cap Value R3 Performance vs. Mid-Cap Value Peer Group

As of December 31, 2022

Strategy Description

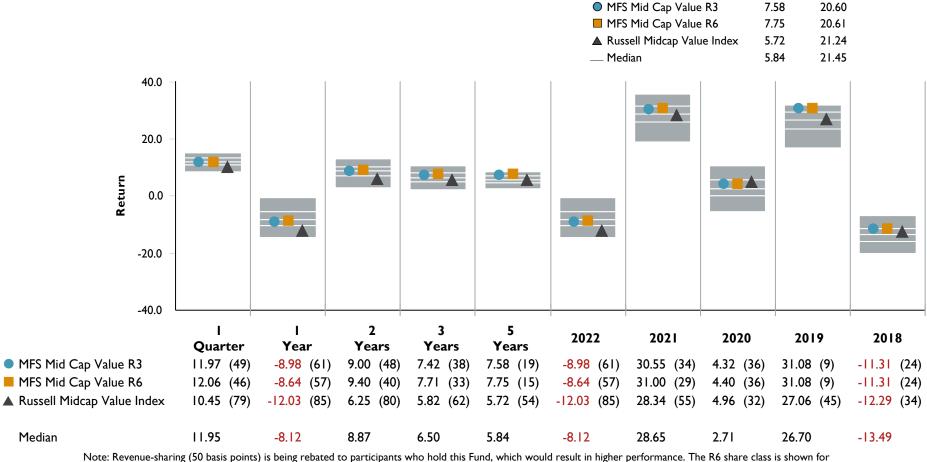
MFS seeks mid-cap companies with attractive valuations and high quality fundamentals or significant potential for improvement. The team leverages MFS's bottom-up, global research platform to identify stocks. The team's fundamental research focuses on three main components: high quality stocks (sustainable, durable franchises; solid balance sheets; and strong management teams), companies with improvement potential, and companies with low market expectations.



Standard

Deviation

Return





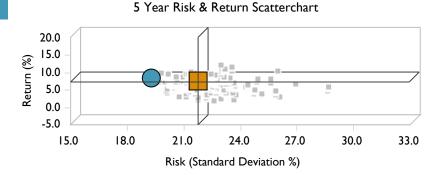
Note: Revenue-sharing (50 basis points) is being rebated to participants who hold this Fund, which would result in higher performance. The R6 share class is shown fo comparison purposes.

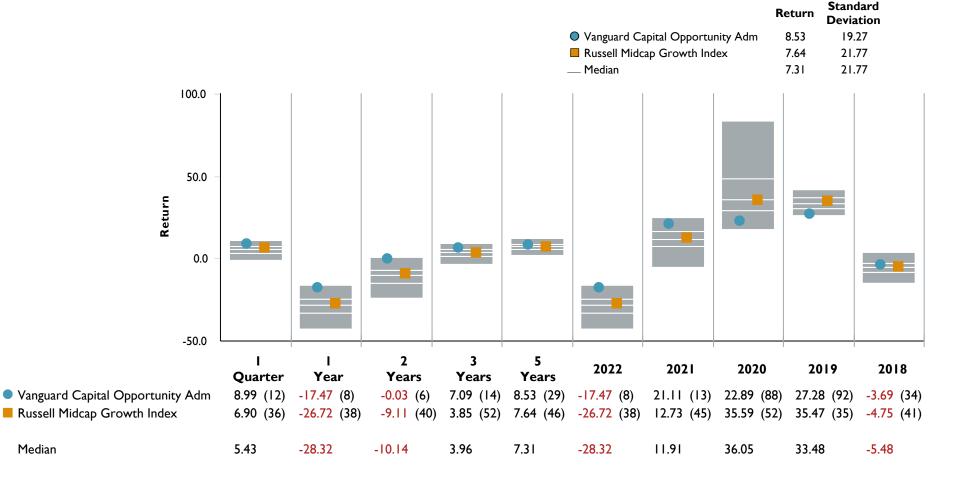
Vanguard Capital Opportunity Adm Performance vs. Mid-Cap Growth Peer Group

As of December 31, 2022

Strategy Description

Vanguard Capital Opportunity Fund invests primarily in stocks of mid- and smallcapitalization companies expected to have above-average earnings growth. The Portfolio managers follow a contrarian-growth approach, looking for swiftly growing firms trading at lower valuations.







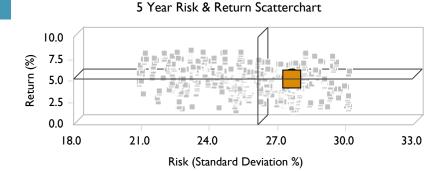
Median

SSGA Russ Small-Mid Cap Idx Fd Performance vs. SMID Blend Peer Group

As of December 31, 2022

Strategy Description

The State Street Russell Small/Mid Cap Index attempts to replicate the performance and portfolio characteristics of the Russell Small Cap Completeness Index. The Fund's objective is to match the returns of, and minimize the tracking error versus, the index.





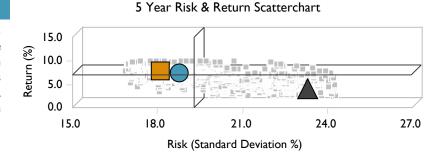


Fidelity® Low-Priced Stock Performance vs. All Cap Blend Peer Group

As of December 31, 2022

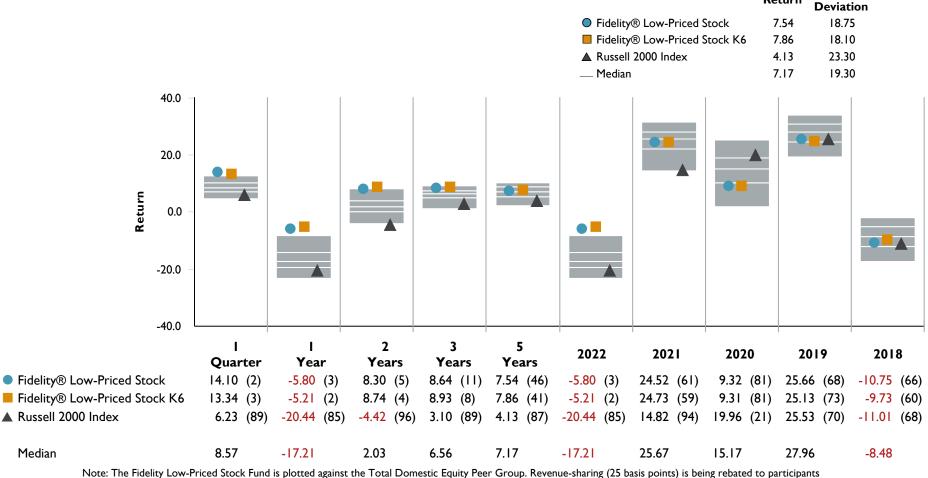
Strategy Description

The Fidelity Low-Priced Stock Fund strategy is to invest in low priced stocks of less than \$35 per share or have an earnings yield at or above the median for the Russell 2000 Index. These companies are generally small and mid-sized companies. The portfolio managers focus on smaller-cap companies with reasonable valuations and solid growth prospects. The Fund is spread across hundreds of holdings. The portfolio managers are also willing to devote a substantial chunk of the portfolio to foreign issues and larger-cap stocks and will let cash build if they cannot find enough good investment opportunities.



Standard

Return





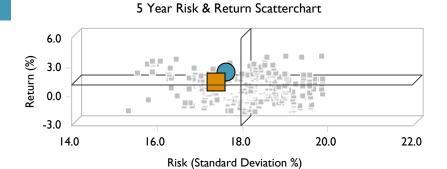
Note: The Fidelity Low-Priced Stock Fund is plotted against the Total Domestic Equity Peer Group. Revenue-sharing (25 basis points) is being rebated to participant: who hold this Fund, which would result in higher performance. The K6 share class is shown for comparison purposes; however, the K6 share class does not have a performance-based fee component.

Fidelity® Diversified Intl K6 Performance vs. Foreign Large Blend Peer Group

As of December 31, 2022

Strategy Description

Fidelity Diversified International invests primarily in large cap non-U.S. stocks, but will occasionally invest in mid and small cap issues. The manager uses a growth-at-a-reasonable price strategy to identify securities for the portfolio. Generally, the portfolio's sector allocation tracks the MSCI EAFE index, with a modest allocation to emerging markets securities.







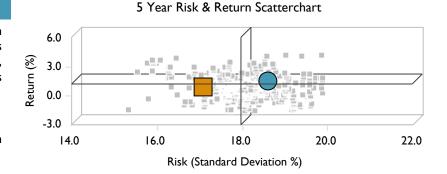
American Funds Europacific Growth R6 Performance vs. Foreign Large Blend Peer Group

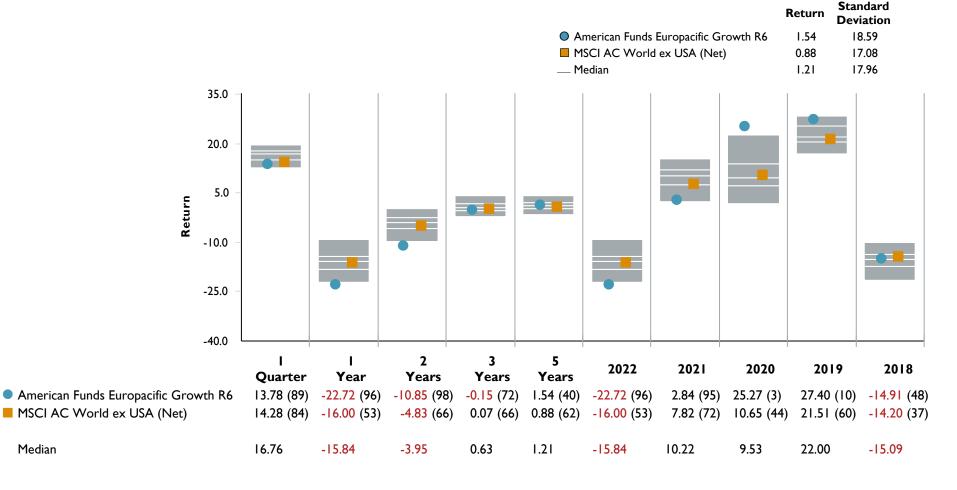
As of December 31, 2022

Strategy Description

The EuroPacific Growth Fund offers predominately large cap international exposure which includes both growth and value stocks that are held for long periods (turnover is approximately 25-35%). The EuroPacific Growth Fund is run by various portfolio managers, each of whom runs a portion of the portfolio, along with a sleeve which is run by the firm's sector analysts. Stock selection is almost entirely focused on bottom-up factors, with little emphasis given to top-down, macro analysis.

The Fund typically holds approximately 250 to 350 securities and provides exposure to both developed and emerging markets.







Indiana Flexible Bond Fund Performance vs. Nontraditional Bond Peer Group

As of December 31, 2022

Strategy Description

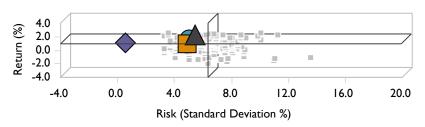
Carillon Reams Unconstrained Bond (50%)

Reams believes volatility is the key driver of performance in the fixed income marketplace, but it is usually higher than expected and often mispriced. As such, they focus on total return, by employing macro and bottom-up strategies to find relative value opportunities in a volatile market. The Unconstrained strategy provides Reams the full opportunity set in which to invest.

PIMCO Dynamic Bond (50%)

The PIMCO Dynamic Bond Fund is an absolute return-oriented, investment grade quality bond strategy that is not tethered to benchmark specific guidelines or significant sector constraints.

5 Year Risk & Return Scatterchart



| | Return | Deviation |
|--|--------|------------------|
| Indiana Flexible Bond Fund | 1.78 | 5.00 |
| ■ PIMCO Dynamic Bond Instl | 1.03 | 4.90 |
| ▲ Carillon Reams Unconstrained Bond I | 2.43 | 5.42 |
| ICE BofA USD LIBID Overnight | 1.18 | 0.53 |
| Median | 1.02 | 6.34 |





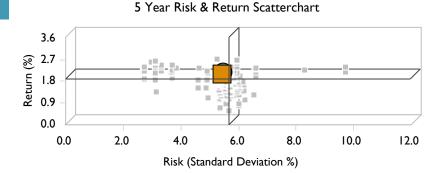
Median

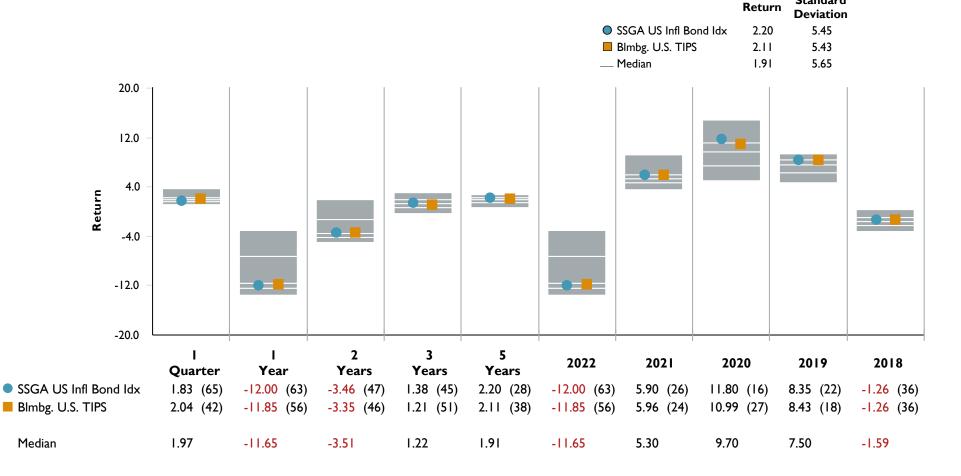
SSGA US Infl Bond Idx Performance vs. Inflation-Protected Bond Peer Group

As of December 31, 2022

Strategy Description

State Street U.S. Inflation Protected Bond Index Fund attempts to replicate the performance and portfolio characteristics of the Bloomberg US TIPS Index. The Fund's objective is to match the returns of, and minimize the tracking error versus, the index.





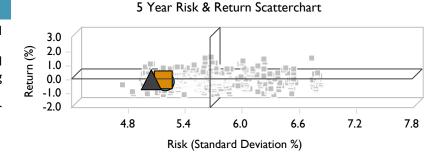


PIMCO Total Return A Performance vs. Intermediate Core-Plus Bond Peer Group

As of December 31, 2022

Strategy Description

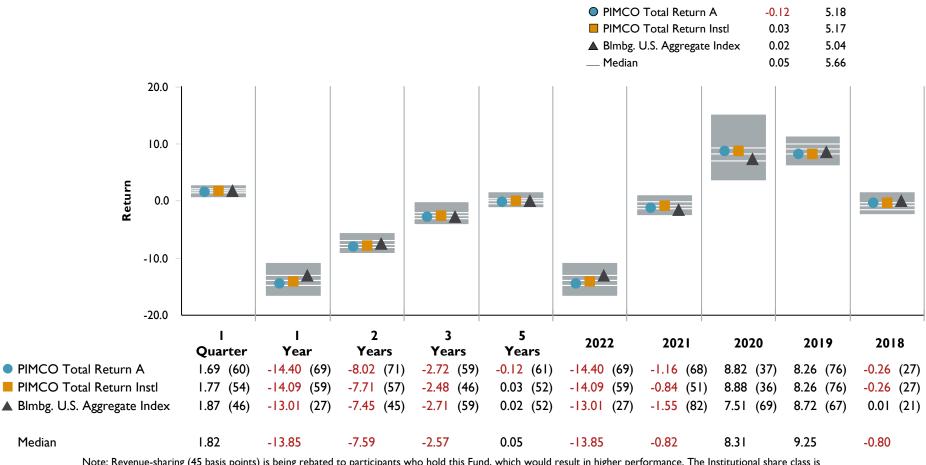
PIMCO considers the full spectrum of global fixed income sectors when evaluating individual securities for inclusion in its Total Return accounts. Security analysis is conducted primarily by PIMCO's specialists using proprietary models and analytics internally developed and maintained by the firm's financial engineers. The specialists are charged with determining relative value within their sectors. PIMCO seeks to add value through the use of top-down strategies, such as exposure to interest rates or duration, yield curve positioning and sector rotation.



Standard

Deviation

Return





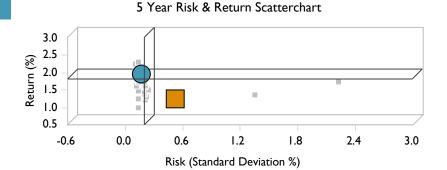
Note: Revenue-sharing (45 basis points) is being rebated to participants who hold this Fund, which would result in higher performance. The Institutional share class is shown for comparative purposes. The Institutional share class does not have revenue-sharing.

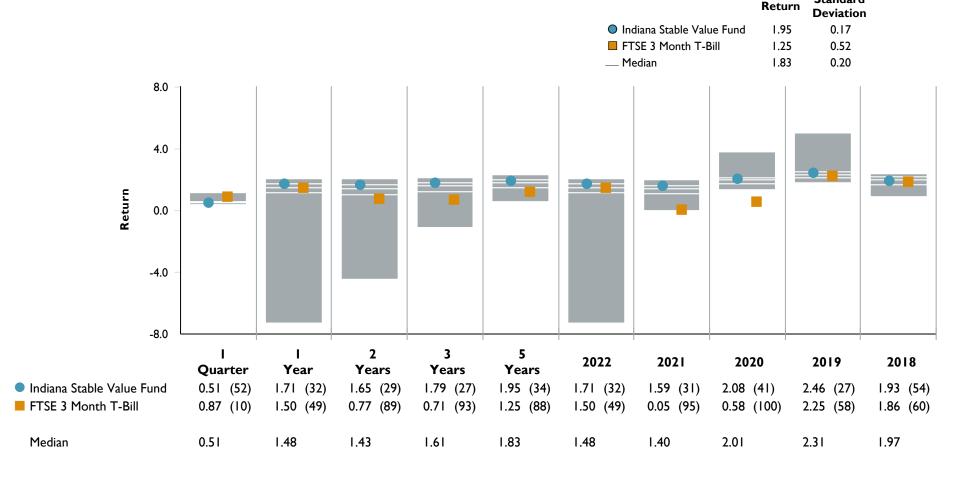
Indiana Stable Value Fund Performance vs. IM U.S. GIC/Stable Value (SA+CF) Peer Group

As of December 31, 2022

Strategy Description

Indiana Stable Value Fund seeks to provide stable current income. The portfolio construction target is 65% to MetLife Core, 30% to Fidelity MIP II, and 5% to Dreyfus Govt Cash Management Fund. MetLife believes that fixed income markets are efficient with respect to interest rate risk, but not credit, structure and liquidity risks. Portfolios are duration neutral to the Bloomberg Aggregate index but tend to overweight spread product and "plus" sectors. Fidelity targets a I-3 year duration portfolio of investment-grade only securities.









Plan Fees



Investment Management Fees

Peer Group Comparison

| | Callan Median Peer | Morningstar Fee | | |
|--|--------------------|------------------------------------|-------------|---------------|
| Investment Option | Peer Group | Expense Ratio | Group Fee | Level |
| State Street S&P 500 Index | Core Equity | 0.01% | | Low |
| Vanguard FTSE Social Index | Large Cap Broad | 0.12% | 0.90% | Low |
| EB Dynamic Value | Large Cap Value | 0.40% | 0.99% | Low |
| T. Rowe Price Blue Chip Growth | Large Cap Growth | 0.45% | 0.99% | Low |
| MFS Mid Cap Value | Mid Cap Value | Mid Cap Value (0.50% in rev share) | | Low |
| Vanguard Capital Opportunity | Mid Cap Growth | 0.36% | 1.10% | Low |
| State Street Russell Small/ Mid Index | SMID Equity | 0.02% | | Low |
| Fidelity Low-Priced Stock | Specialty | 0.82% (0.25% in rev share) | | Below Average |
| Fidelity Diversified International | Core International | 0.60% | 1.05% | Low |
| American Funds EuroPacific Growth | Non-US Equity | 0.46% | 1.07% | Low |
| State Street Target Retirement Funds | Lifestyle | 0.065% | 0.55%-0.65% | Low |
| PIMCO Dynamic Bond | Unconstrained Bond | 0.81% | 0.91% | Average |
| Carillon Reams Unconstrained | Unconstrained Bond | 0.40% | 0.91% | Low |
| State Street US Inflation Protected Bond Index | TIPS | 0.04% | | Low |
| PIMCO Total Return | Core Bond | 0.80% (0.45% in rev share) | 0.70% | Above Average |
| Indiana Stable Value Fund | Stable Value | 0.31% | 0.58% | |
| | | | | |
| Legend: | | | | |
| Not offered on a stand-alone basis. | |] | | |

The Plans' investment management fees are competitively priced relative to peers.

Note: Morningstar peer group fee data does not factor revenue-sharing arrangements.



Investment Management & Recordkeeper Fees

Monitoring of the Plans' Total Fees

| Manager | Style | 12/31/2022 Market Value | Inv Mgmt Fees (%) | Est. Inv Mgmt Fees (\$) | Mgmt Fees Rebated Back to the Participant (%) | Est. Mgmt Fees Rebated Back to the Participant (\$) |
|--------------------------------------|---------------------|----------------------------|----------------------|----------------------------|---|---|
| | | | | | | |
| State Street S&P 500 Index | Passive Core Equity | \$136,769,091 | 0.01% | \$13,677 | | \$0 |
| Vanguard FTSE Social Index | Core Equity | \$53,078,646 | 0.12% | \$63,694 | | \$0 |
| EB Dynamic Value | Large Cap Value | \$131,789,633 | 0.40% | \$527,159 | | \$0 |
| T. Rowe Price Blue Chip Growth | Large Cap Growth | \$103,478,264 | 0.45% | \$465,652 | | \$0 |
| MFS Mid Cap Value | Mid Cap Value | \$36,770,012 | 1.02% | \$375,054 | 0.50% | \$183,850 |
| Vanguard Capital Opportunity | Mid Cap Growth | \$122,737,180 | 0.36% | \$441,854 | | \$0 |
| State Street Russell SMID Index | SMID Broad | \$44,133,547 | 0.02% | \$8,827 | | \$0 |
| Fidelity Low-Priced Stock | Specialty | \$23,696,666 | 0.82% | \$194,313 | 0.25% | \$59,242 |
| Fidelity Diversified International | Core International | \$69,874,078 | 0.60% | \$419,244 | | \$0 |
| American Funds EuroPacific Growth | Non-US Equity | \$82,964,241 | 0.46% | \$381,636 | | \$0 |
| State Street Target Retirement Funds | Lifestyle | \$319,087,130 | 0.065% | \$207,407 | | \$0 |
| Indiana Flexible Bond Fund | Unconstrained F/I | \$29,729,142 | 0.61% | \$179,861 | | \$0 |
| Indiana Inflation Protected Bond | TIPS | \$60,256,177 | 0.04% | \$24,102 | | \$0 |
| PIMCO Total Return | Core Bond | \$77,371,563 | 0.80% | \$618,973 | 0.45% | \$348,172 |
| Indiana Stable Value Fund | Stable Value | \$337,329,014 | 0.31% | \$1,045,720 | | \$0 |
| | | \$1,629,064,385 | 0.30% | \$4,967,172 | | \$591,264 |

- Recordkeeper fees paid to Empower and Nationwide in calendar year 2022 were \$3,214,597.
- The <u>total annual average fee per participant</u> (avg investment management expense + recordkeeper fee) is approximately 47 basis points.



Managed Account Services

Monitoring of Managed Account Services' Fees

- Managed Account Services are a discretionary solution for participants, including ongoing management, monitoring and rebalancing of their portfolios, based on their unique situation and retirement needs (e.g., risk tolerance, outside assets, etc.).
- Managed Account Services' fees are only charged to participants who elect to utilize the product.
- Empower and Nationwide collected \$1,566,456 in calendar year 2022 for their Reality Investing and ProAccount solutions. Nationwide's ProAccount fees were waived for the first 90 days following the recordkeeper transition.
- Nationwide's Managed Account Service fee is comparable to peers.

Nationwide ProAccount Fees:

| Participant Account Balances | Annual Fee | |
|------------------------------|------------|--|
| <= \$100,000 | 0.45% | |
| Next \$150,000 | 0.40% | |
| Next \$150,000 | 0.35% | |
| Next \$100,000 | 0.30% | |
| >=\$500,000 | 0.25% | |
| | | |



Unallocated Plan Account

Monitoring of the Unallocated Plan Account

| Total 2022 Expense: | \$219,598 |
|---------------------|-----------|
| Other | \$ 4,679 |
| Consultants | \$82,500 |
| Audit/Review Fees | \$18,000 |
| Legal & Lobbying | \$73,815 |
| Personnel | \$40,604 |

- The Administrative fee (\$3/participant) is paid to the <u>Unallocated Plan Account</u>, which is utilized for the Auditor of State Plan-related expenses.
 - Empower collected \$44,461 during the first quarter of 2022. Following the recordkeeper transition, Nationwide collected \$137,681.
- Primary expenses, which totaled \$219,598 in 2022, include personnel, legal, audit and consultant fees.





Appendix



Historical Plan Option Returns

| | l Quarter Return | l Year Return | 2 Years Return | 3 Years Return | 5 Years Return | Year To Date Return | 202 I Return | 2020 Return | 2019 Return | 2018 Return |
|---|------------------------|---------------------|----------------------|----------------------|----------------------|------------------------------|-----------------|----------------|----------------|----------------|
| State Street Target Ret 2065 | 9.05 | -19.07 | -3.70 | 3.65 | - | -19.07 | 14.60 | 20.06 | - | - |
| SSgA Target Retirement 2065 Index | 8.88 | -19.11 | -3.73 | 3.59 | - | -19.11 | 14.56 | 19.95 | - | - |
| State Street Target Ret 2060 | 9.04 | -19.07 | -3.69 | 3.61 | 4.94 | -19.07 | 14.61 | 19.90 | 25.10 | -8.54 |
| SSgA Target Retirement 2060 Index | 8.88 | -19.11 | -3.73 | 3.59 | 4.90 | -19.11 | 14.56 | 19.95 | 25.00 | -8.58 |
| State Street Target Ret 2055 | 9.04 | -19.07 | -3.69 | 3.61 | 4.94 | -19.07 | 14.61 | 19.90 | 25.10 | -8.53 |
| SSgA Target Retirement 2055 Index | 8.88 | -19.11 | -3.73 | 3.59 | 4.90 | -19.11 | 14.56 | 19.95 | 25.00 | -8.58 |
| State Street Target Ret 2050 | 9.05 | -19.06 | -3.69 | 3.62 | 4.95 | -19.06 | 14.59 | 19.95 | 25.10 | -8.53 |
| SSga Target Retirement 2050 Index | 8.88 | -19.11 | -3.73 | 3.59 | 4.90 | -19.11 | 14.56 | 19.95 | 25.00 | -8.58 |
| State Street Target Ret 2045 | 8.68 | -18.75 | -3.69 | 3.49 | 4.85 | -18.75 | 14.15 | 19.51 | 24.86 | -8.42 |
| SSga Target Retirement 2045 Index | 8.54 | -18.77 | -3.73 | 3.45 | 4.80 | -18.77 | 14.11 | 19.46 | 24.76 | -8.47 |
| State Street Target Ret 2040 | 8.29 | -18.37 | -3.80 | 3.28 | 4.70 | -18.37 | 13.37 | 19.03 | 23.95 | -7.87 |
| SSgA Target Retirement 2040 Index | 8.17 | -18.37 | -3.81 | 3.24 | 4.65 | -18.37 | 13.34 | 18.94 | 23.88 | -7.91 |
| State Street Target Ret 2035 | 7.79 | -17.86 | -3.91 | 3.04 | 4.52 | -17.86 | 12.41 | 18.49 | 22.98 | -7.30 |
| SSgA Target Retirement 2035 Index | 7.69 | -17.86 | -3.92 | 3.00 | 4.47 | -17.86 | 12.38 | 18.36 | 22.90 | -7.34 |
| State Street Target Ret 2030 | 7.19 | -16.98 | -3.76 | 2.90 | 4.37 | -16.98 | 11.57 | 17.63 | 21.81 | -6.67 |
| SSgA Target Retirement 2030 Index | 7.11 | -17.00 | -3.79 | 2.83 | 4.31 | -17.00 | 11.53 | 17.48 | 21.73 | -6.70 |
| State Street Target Ret 2025 | 5.95 | -14.84 | -2.79 | 2.79 | 4.17 | -14.84 | 10.97 | 14.93 | 19.94 | -5.84 |
| SSgA Target Retirement 2025 Index | 5.93 | -14.85 | -2.80 | 2.79 | 4.15 | -14.85 | 10.95 | 14.97 | 19.86 | -5.88 |
| State Street Target Ret 2020 | 4.69 | -12.18 | -1.81 | 2.32 | 3.65 | -12.18 | 9.79 | 11.12 | 16.90 | -4.47 |
| SSgA Target Retirement 2020 Index | 4.69 | -12.18 | -1.81 | 2.30 | 3.61 | -12.18 | 9.78 | 11.07 | 16.83 | -4.53 |
| State Street Target Ret Income | 4.16 | -10.98 | -1.93 | 1.88 | 3.10 | -10.98 | 8.05 | 9.93 | 13.31 | -2.75 |
| SSgA Target Retirement Income Index | 4.19 | -10.96 | -1.91 | 1.78 | 3.03 | -10.96 | 8.05 | 9.60 | 13.24 | -2.79 |
| SSGA S&P 500 Index Fd | 7.56 | -18.10 | 2.65 | 7.64 | 9.41 | -18.10 | 28.65 | 18.36 | 31.48 | -4.40 |
| S&P 500 Index | 7.56 | -18.11 | 2.66 | 7.66 | 9.42 | -18.11 | 28.71 | 18.40 | 31.49 | -4.38 |
| IM U.S. Large Cap Index Equity (SA+CF) Median | 7.42 | -18.30 | 2.14 | 7.36 | 8.97 | -18.30 | 27.53 | 18.45 | 30.95 | -4.87 |
| Vanguard FTSE Social Index I | 5.16 | -24.20 | -1.59 | 5.91 | 8.98 | -24.20 | 27.77 | 22.66 | 33.96 | -3.38 |
| FTSE 4Good U.S. Select Index | 5.19 | -24.12 | -1.49 | 6.02 | 9.09 | -24.12 | 27.89 | 22.79 | 34.09 | -3.32 |
| Large Blend Median | 7.93 | -18.13 | 2.20 | 7.10 | 8.59 | -18.13 | 26.76 | 17.25 | 29.88 | -5.59 |
| BNYM Newton NSL US Dynamic LC Value | 15.49 | 3.38 | 17.78 | 13.05 | 10.64 | 3.38 | 34.19 | 4.14 | 27.76 | -10.18 |
| Russell 1000 Value Index | 12.42 | -7.54 | 7.58 | 5.96 | 6.67 | -7.54 | 25.16 | 2.80 | 26.54 | -8.27 |
| Large Value Median | 12.77 | -5.55 | 8.86 | 6.96 | 7.11 | -5.55 | 26.02 | 2.80 | 25.57 | -8.81 |

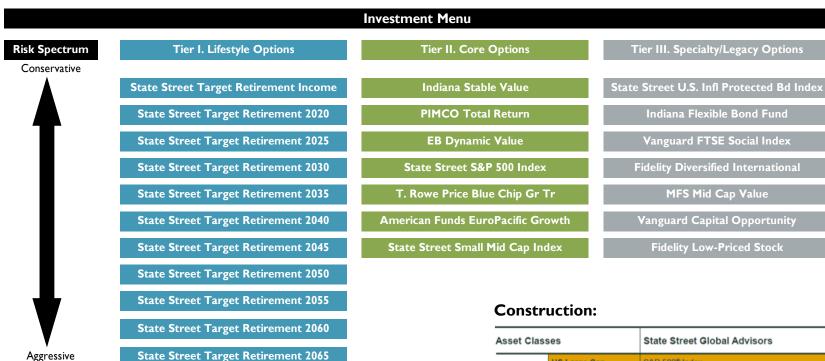


Historical Plan Option Returns

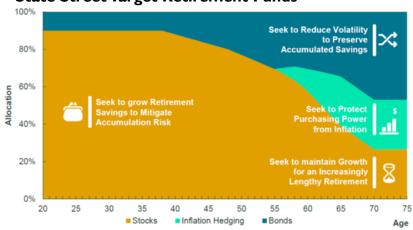
| | l Quarter Return | l Year Return | 2 Years Return | 3 Years Return | 5 Years Return | Year To Date Return | 2021 Return | 2020 Return | 2019 Return | 2018 Return |
|---|------------------------|---------------------|----------------------|----------------------|----------------------|------------------------------|----------------|----------------|----------------|----------------|
| T. Rowe Price Blue Chip Growth | -1.80 | -38.26 | -14.66 | -0.65 | 5.49 | -38.26 | 17.96 | 34.65 | 30.19 | 2.34 |
| Russell 1000 Growth Index | 2.20 | -29.14 | -4.91 | 7.79 | 10.96 | -29.14 | 27.60 | 38.49 | 36.39 | -1.51 |
| Large Growth Median | 2.95 | -30.78 | -7.76 | 5.07 | 8.41 | -30.78 | 22.02 | 34.90 | 32.80 | -1.64 |
| MFS Mid Cap Value R3 | 11.97 | -8.98 | 9.00 | 7.42 | 7.58 | -8.98 | 30.55 | 4.32 | 31.08 | -11.31 |
| Russell Midcap Value Index | 10.45 | -12.03 | 6.25 | 5.82 | 5.72 | -12.03 | 28.34 | 4.96 | 27.06 | -12.29 |
| Mid-Cap Value Median | 11.95 | -8.12 | 8.87 | 6.50 | 5.84 | -8.12 | 28.65 | 2.71 | 26.70 | -13.49 |
| Vanguard Capital Opportunity Adm | 8.99 | -17.47 | -0.03 | 7.09 | 8.53 | -17.47 | 21.11 | 22.89 | 27.28 | -3.69 |
| Russell Midcap Growth Index | 6.90 | -26.72 | -9.11 | 3.85 | 7.64 | -26.72 | 12.73 | 35.59 | 35.47 | -4.75 |
| Mid-Cap Growth Median | 5.43 | -28.32 | -10.14 | 3.96 | 7.31 | -28.32 | 11.91 | 36.05 | 33.48 | -5.48 |
| SSGA Russ Small-Mid Cap Idx Fd | 4.91 | -25.39 | -8.33 | 3.71 | 5.36 | -25.39 | 12.64 | 32.74 | 27.99 | -9.06 |
| Russell Small Cap Completeness Index | 4.85 | -25.49 | -8.39 | 3.70 | 5.33 | -25.49 | 12.64 | 32.88 | 28.04 | -9.21 |
| SMID Blend Median | 9.08 | -16.25 | 1.63 | 5.40 | 5.33 | -16.25 | 23.50 | 12.52 | 25.46 | -11.60 |
| Fidelity® Low-Priced Stock | 14.10 | -5.80 | 8.30 | 8.64 | 7.54 | -5.80 | 24.52 | 9.32 | 25.66 | -10.75 |
| Russell 2000 Index | 6.23 | -20.44 | -4.42 | 3.10 | 4.13 | -20.44 | 14.82 | 19.96 | 25.53 | -11.01 |
| All Cap Blend Median | 8.57 | -17.21 | 2.03 | 6.56 | 7.17 | -17.21 | 25.67 | 15.17 | 27.96 | -8.48 |
| Fidelity® Diversified Intl K6 | 14.82 | -23.30 | -6.96 | 1.14 | 2.63 | -23.30 | 12.86 | 19.54 | 29.75 | -15.20 |
| MSCI EAFE (Net) | 17.34 | -14.45 | -2.44 | 0.87 | 1.54 | -14.45 | 11.26 | 7.82 | 22.01 | -13.79 |
| Foreign Large Blend Median | 16.76 | -15.84 | -3.95 | 0.63 | 1.21 | -15.84 | 10.22 | 9.53 | 22.00 | -15.09 |
| American Funds Europacific Growth R6 | 13.78 | -22.72 | -10.85 | -0.15 | 1.54 | -22.72 | 2.84 | 25.27 | 27.40 | -14.91 |
| MSCI AC World ex USA (Net) | 14.28 | -16.00 | -4.83 | 0.07 | 0.88 | -16.00 | 7.82 | 10.65 | 21.51 | -14.20 |
| Foreign Large Blend Median | 16.76 | -15.84 | -3.95 | 0.63 | 1.21 | -15.84 | 10.22 | 9.53 | 22.00 | -15.09 |
| Indiana Flexible Bond Fund | 3.22 | -5.71 | -2.88 | 0.71 | 1.78 | -5.71 | 0.05 | 8.30 | 5.65 | 1.21 |
| ICE BofA USD LIBID Overnight | 0.91 | 1.63 | 0.83 | 0.68 | 1.18 | 1.63 | 0.04 | 0.38 | 2.10 | 1.75 |
| Nontraditional Bond Median | 1.91 | -6.42 | -2.70 | -0.14 | 1.02 | -6.42 | 1.11 | 4.36 | 6.47 | -0.98 |
| SSGA US Infl Bond Idx | 1.83 | -12.00 | -3.46 | 1.38 | 2.20 | -12.00 | 5.90 | 11.80 | 8.35 | -1.26 |
| Blmbg. U.S. TIPS | 2.04 | -11.85 | -3.35 | 1.21 | 2.11 | -11.85 | 5.96 | 10.99 | 8.43 | -1.26 |
| Inflation-Protected Bond Median | 1.97 | -11.65 | -3.51 | 1.22 | 1.91 | -11.65 | 5.30 | 9.70 | 7.50 | -1.59 |
| PIMCO Total Return A | 1.69 | -14.40 | -8.02 | -2.72 | -0.12 | -14.40 | -1.16 | 8.82 | 8.26 | -0.26 |
| Blmbg. U.S. Aggregate Index | 1.87 | -13.01 | -7.45 | -2.71 | 0.02 | -13.01 | -1.55 | 7.51 | 8.72 | 0.01 |
| Intermediate Core-Plus Bond Median | 1.82 | -13.85 | -7.59 | -2.57 | 0.05 | -13.85 | -0.82 | 8.31 | 9.25 | -0.80 |
| Indiana Stable Value Fund | 0.51 | 1.71 | 1.65 | 1.79 | 1.95 | 1.71 | 1.59 | 2.08 | 2.46 | 1.93 |
| FTSE 3 Month T-Bill | 0.87 | 1.50 | 0.77 | 0.71 | 1.25 | 1.50 | 0.05 | 0.58 | 2.25 | 1.86 |
| IM U.S. GIC/Stable Value (SA+CF) Median | 0.51 | 1.48 | 1.43 | 1.61 | 1.83 | 1.48 | 1.40 | 2.01 | 2.31 | 1.97 |
| | | | | | | | | | | |



Plan's Investment Structure

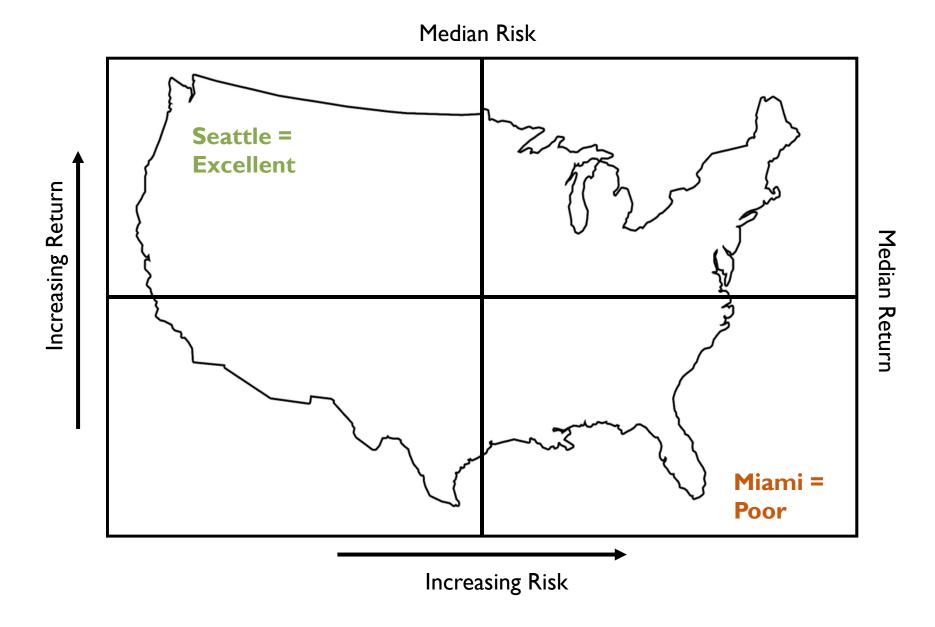


State Street Target Retirement Funds



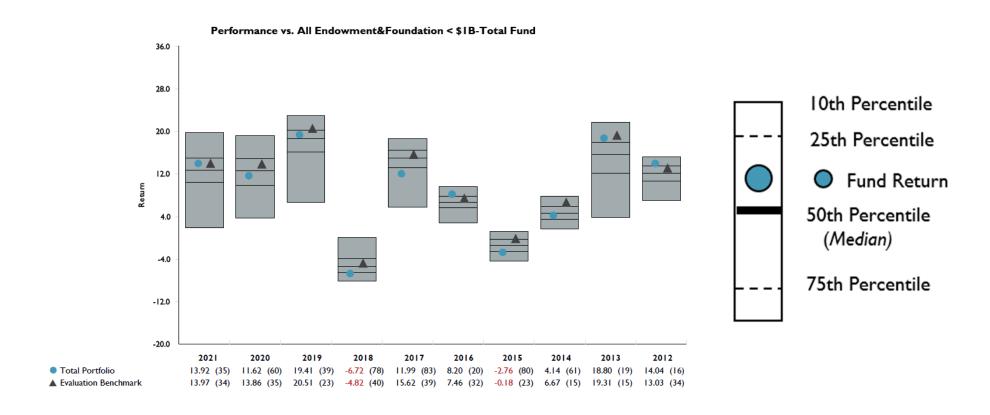
| Asset Clas | ses | State Street Global Advisors | | | | | |
|------------------------|--------------------|---|--|--|--|--|--|
| | US Large Cap | S&P 500® Index | | | | | |
| | US Mid Cap | Russell Small Cap Completeness® Index | | | | | |
| Equity | US Small Cap | Russell Small Cap Completeness - Index | | | | | |
| | Int'l Developed | | | | | | |
| | Emerging Markets | MSCI® ACWI® ex-US IMI IndexSM | | | | | |
| | Int'l Small Cap | | | | | | |
| | REITs | FTSE EPRA/NAREIT Developed Index | | | | | |
| Inflation Sensitive | Commodities | Bloomberg Roll Select Commodity Index SM | | | | | |
| | TIPS | Bloomberg 1–10Yr Gov't Infl-linked Bond Index | | | | | |
| | US High Yield | Bloomberg US HY Very Liquid Bond Index | | | | | |
| | Intermediate Gov't | Bloomberg US Intermediate Gov't Bond Index | | | | | |
| Fixed | Long Gov't | Bloomberg US Long Gov't Bond Index | | | | | |
| Income | Core Aggregate | Bloomberg US Aggregate Bond Index | | | | | |
| | Short-term Bonds | Bloomberg US 1–3Yr Gov't/Credit Bond Index | | | | | |
| | Foreign | | | | | | |







How to Read a Floating Bar Chart



How to Read a Floating Bar Chart

The top line of the bar indicates the top 10th percentile of the universe. The middle solid line is the median, which has a percent rank of 50. The 75th percentile is indicated by the lower line, and the 90th percentile is indicated by the bottom line.

