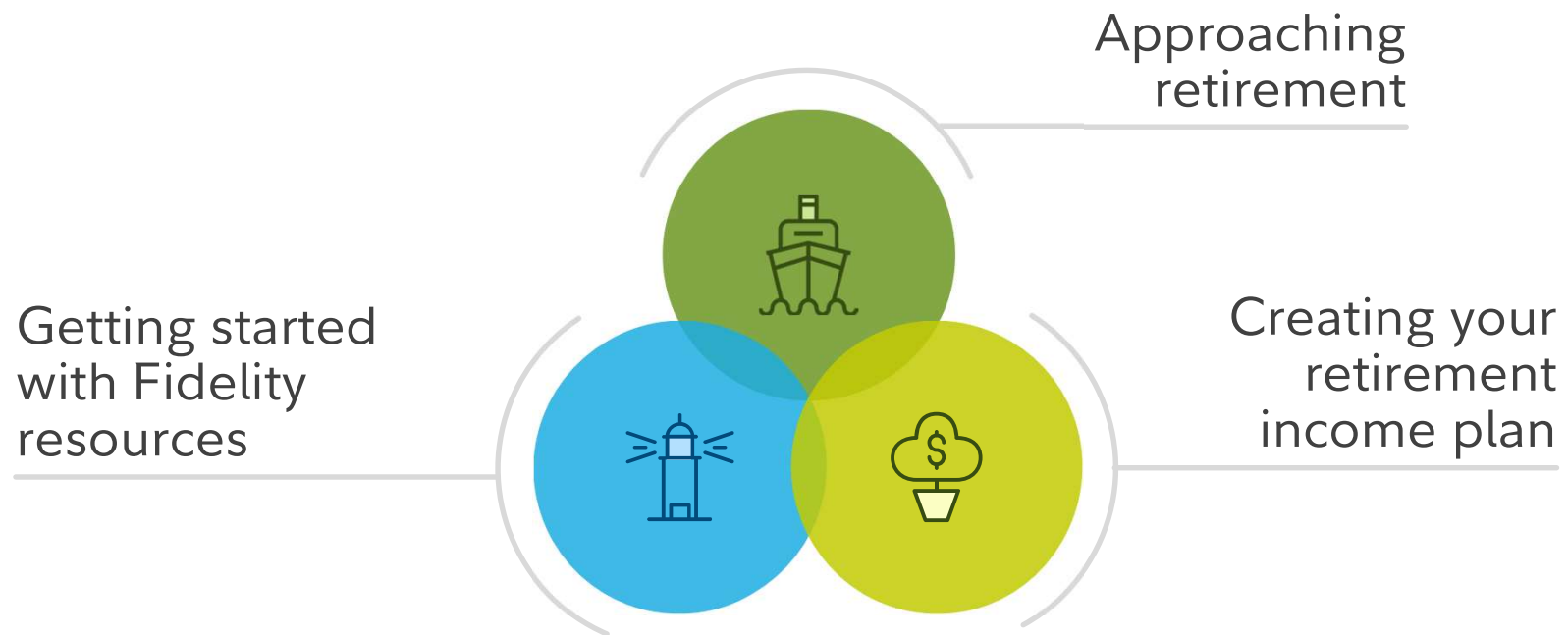




Fundamentals of retirement income planning

Northrop Grumman Wealth Webinar



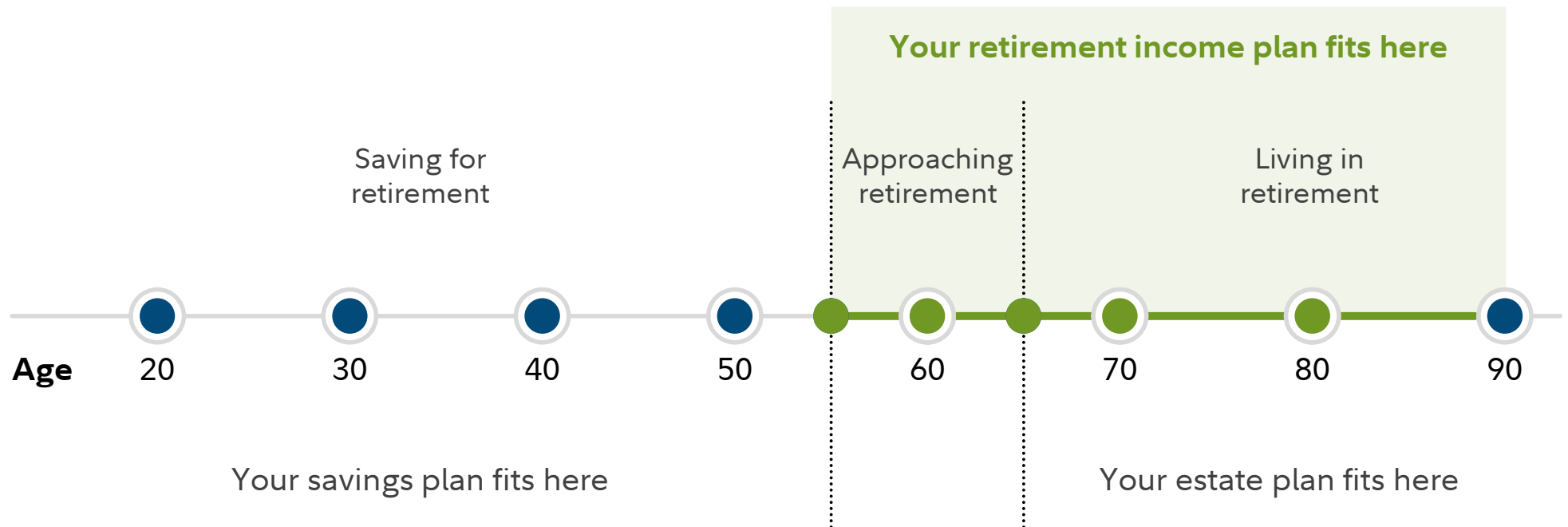


Agenda



Approaching retirement

Where does a retirement income plan fit?



From saving for retirement to living in retirement



What is a retirement income plan?

Retirement income plan

A detailed plan that can help you determine how to use your financial resources to generate cash flow to last the rest of your life.

Make your retirement savings last

Enjoy the retirement lifestyle you envisioned

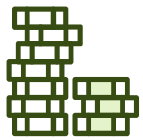
Build a legacy for your family

Feel prepared for what's ahead



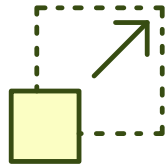
Five key risks

Keep these in mind as you prepare to create your retirement income plan



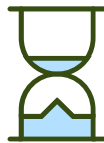
Withdrawals

Not taking out too much, too soon



Inflation

Not letting it eat away your savings' purchasing power



Longevity

Making sure your plan covers the full length of your life



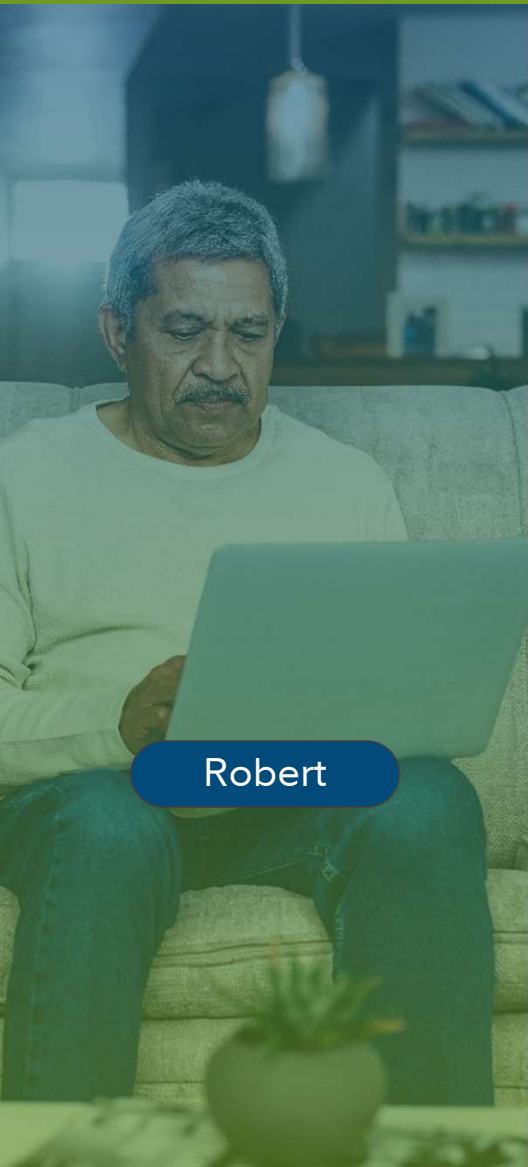
Medical

Taking into consideration rising medical costs



Allocation

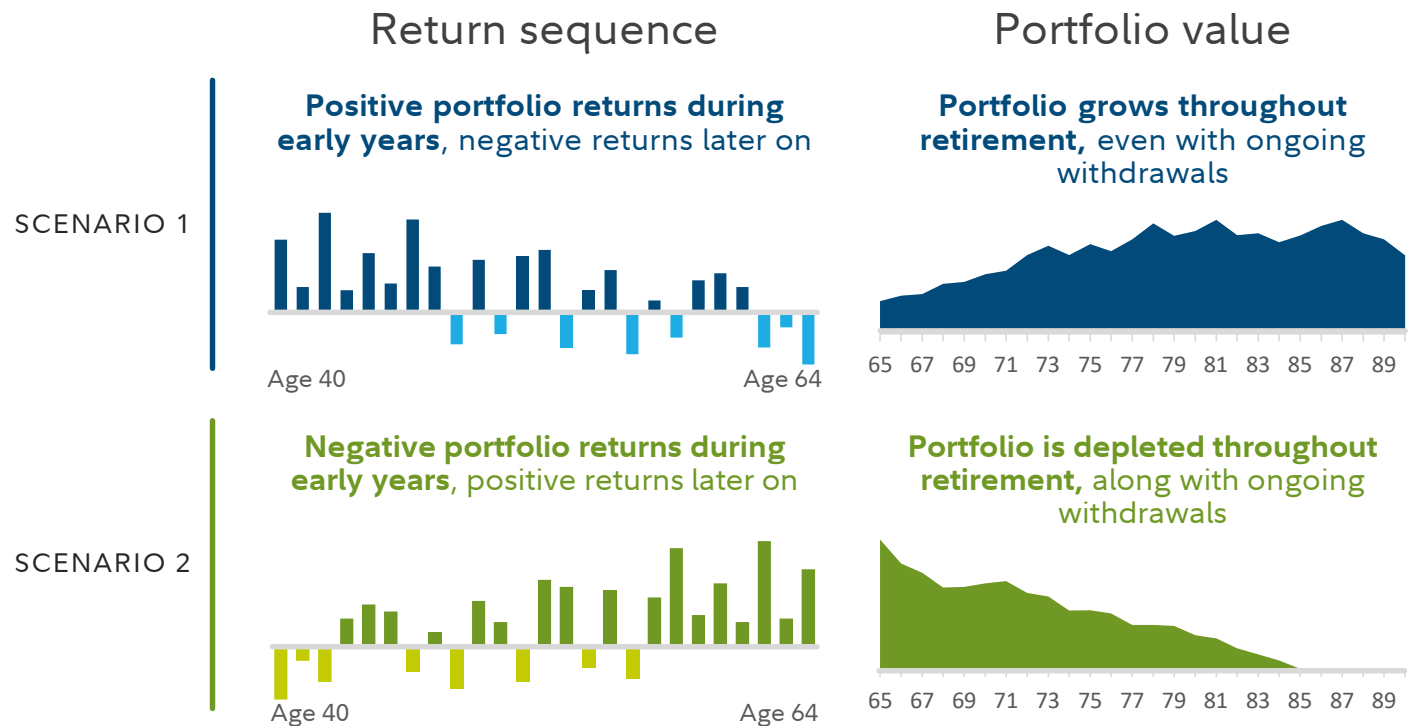
Ensuring your plan can weather the changing markets



Robert

Combined impact of returns and withdrawals

The sequence of market returns you experience in retirement can affect your portfolio's value over time

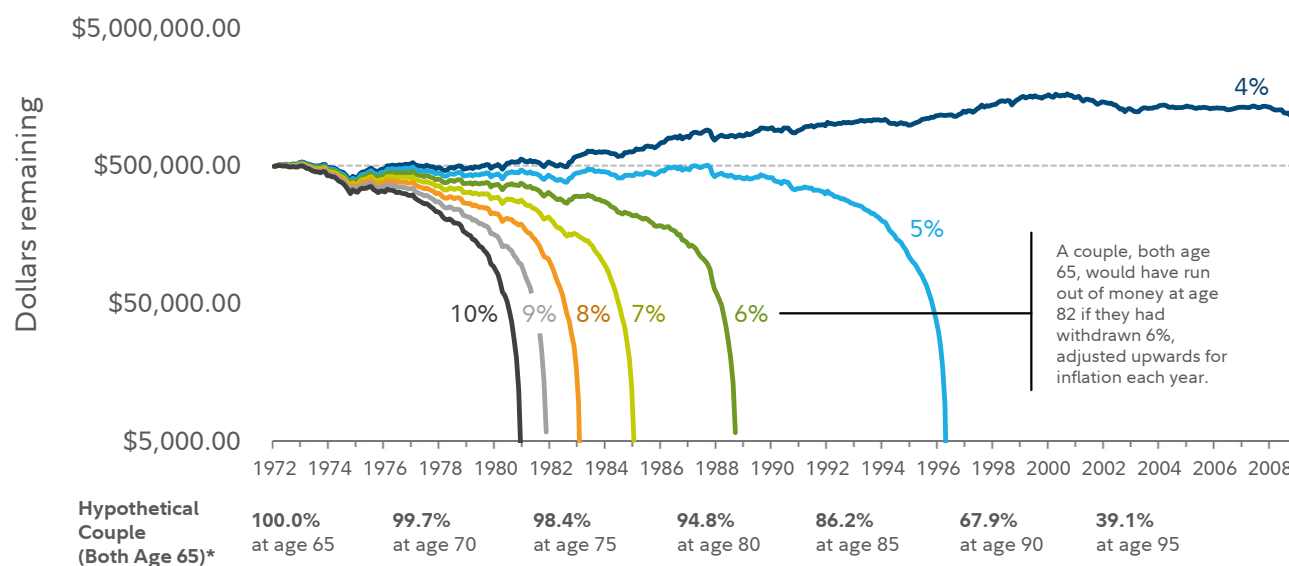


These hypothetical examples are for illustrative purposes only. It is not intended to predict or project investment results. Your rate of return may be higher or lower than that shown above.

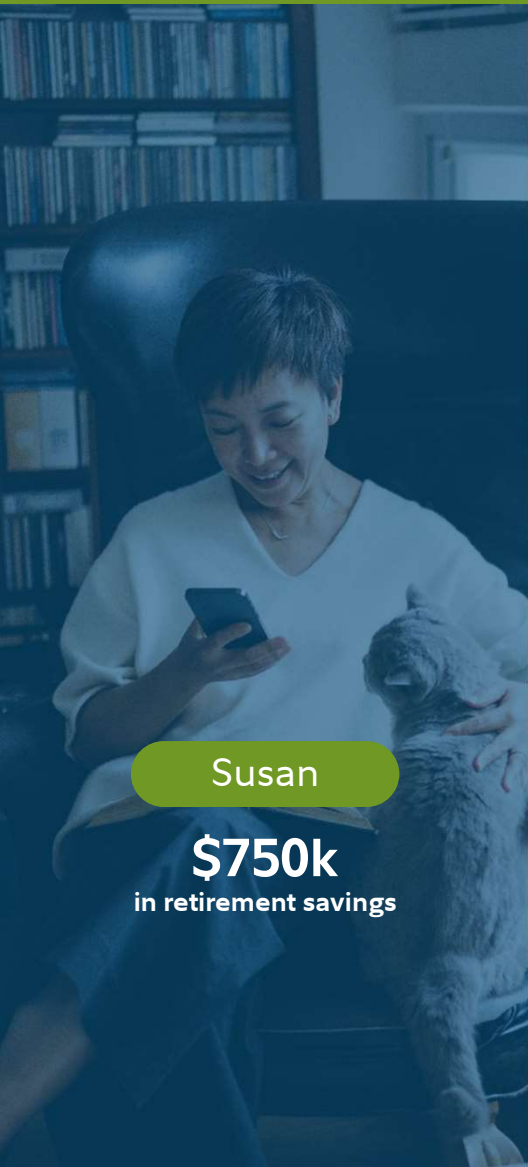


Impact of different withdrawal rates

Choosing a rate that helps your money last longer



*Hypothetical value of assets held in an untaxed account after adjusting for monthly inflation-adjusted withdrawals and performance. Initial investment of \$500,000 invested in a portfolio of 50% stocks, 40% bonds, and 10% short-term investments. Hypothetical illustration uses historical monthly performance, from Morningstar, for the 35-year period beginning January 1972: stocks, bonds, and short-term investments are represented by the S&P 500® Index, U.S. intermediate-term government bond, and U.S. 30-day T-bills, respectively. Initial withdrawal amount based on 1/12th of applicable withdrawal rate multiplied by \$500,000. Subsequent withdrawal amounts based on prior month's amount adjusted by the actual monthly change in the Consumer Price Index for that month. This chart is for illustrative purposes only and is not indicative of any investment. Past performance is no guarantee of future results.



Susan

\$750k
in retirement savings

Withdrawal rate example

Factoring in annual required minimum distribution (RMD)



4% withdrawal rate

$$\begin{aligned} \$750,000 \times 4\% \\ = \$30,000 \end{aligned}$$



IRS-required minimum
distribution (RMD)

$$\begin{aligned} \$750,000 \div 26.5 \\ = \$28,302 \end{aligned}$$

\$30,000

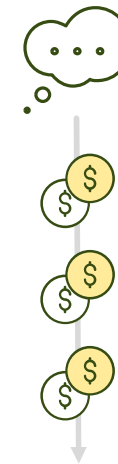
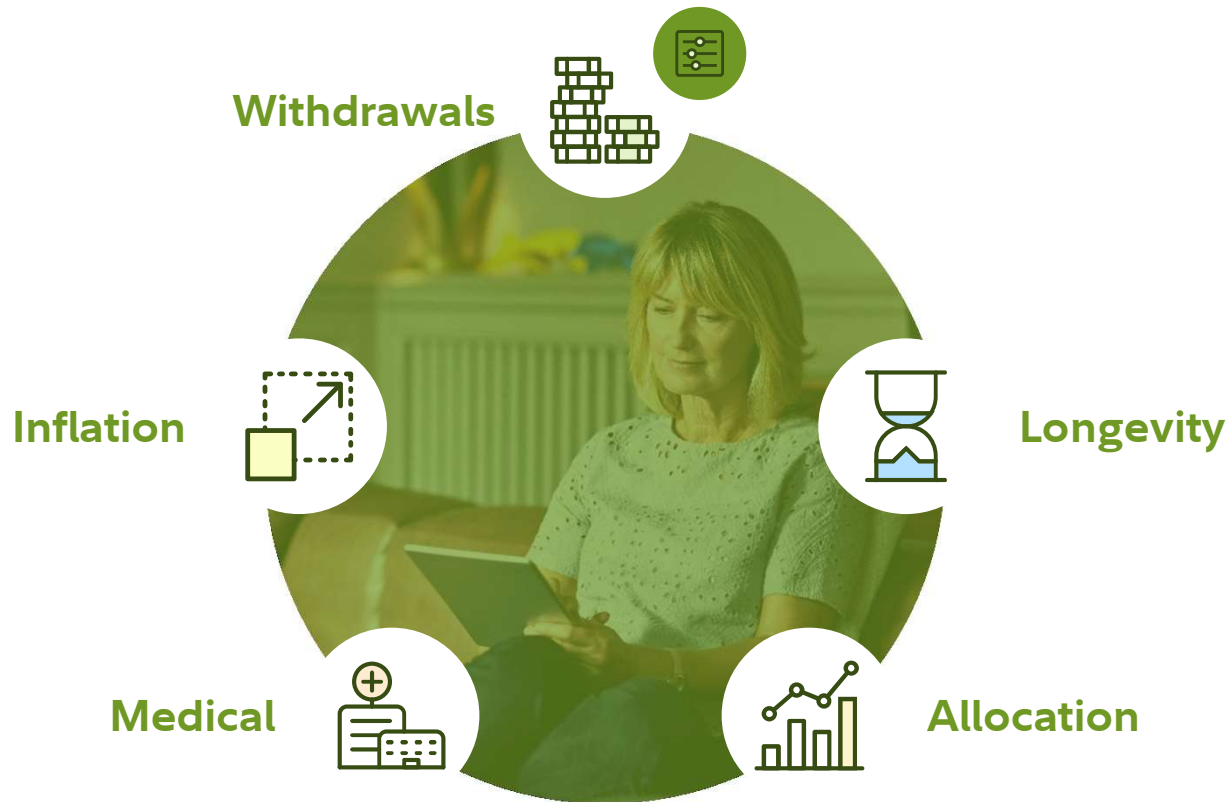
Annual withdrawal
amount must
meet/exceed RMD

\$28,302



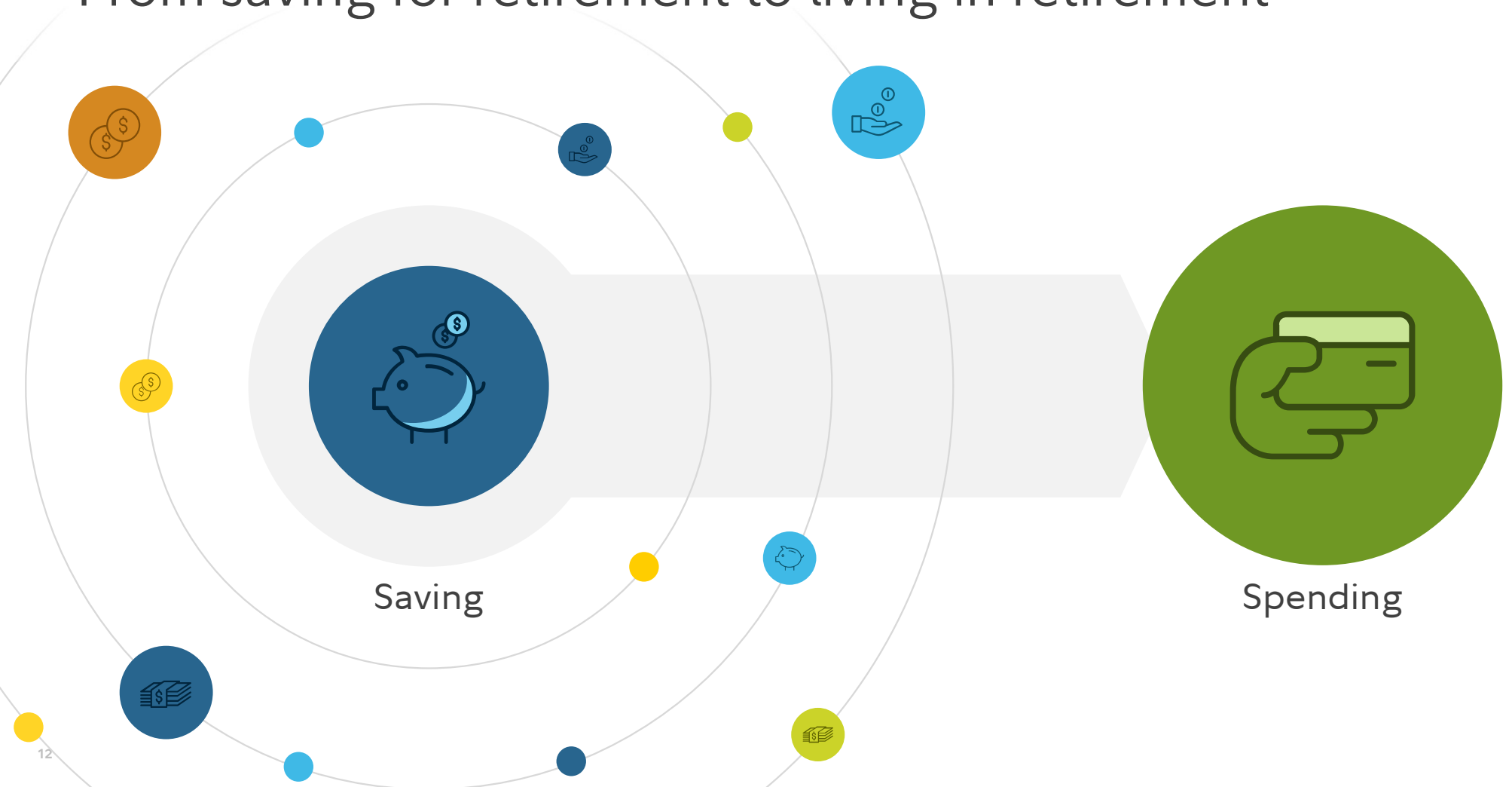
The RMD calculation is based on pre-tax sources only.

Why the 5 key risks are so important



Consider these risks while you build a steady and predictable income stream to replace your paycheck

From saving for retirement to living in retirement





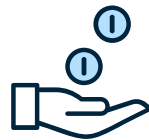
Creating your retirement income plan

Identify your income sources and expenses



Income sources

- Predictable Income Sources (Social Security, Pension, and Annuities)
- Part-time Work
- Rental Property



Withdrawal sources

- Retirement Accounts (Traditional/Roth 401(k), 403(b), IRA, etc.)
- Savings Accounts
- Brokerage Accounts
- Equity Compensation
- CDs

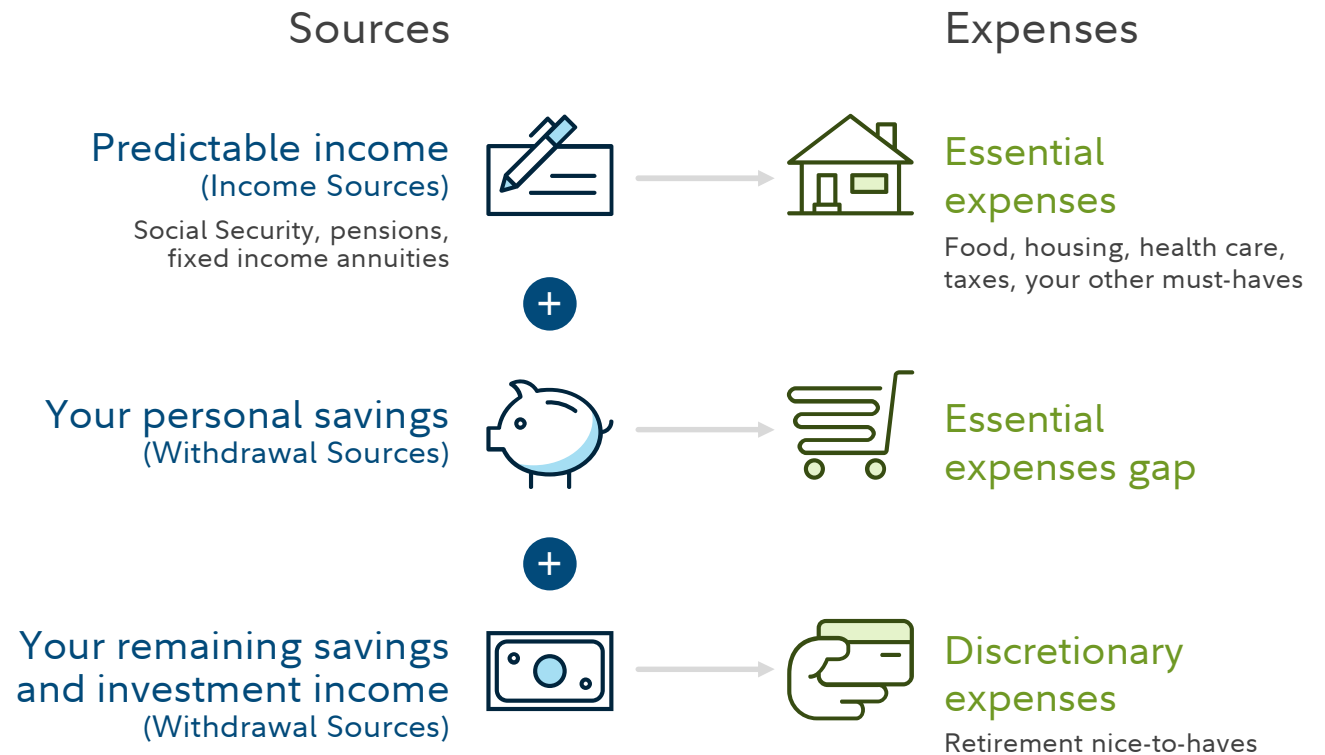


Expenses

- Essential Expenses
- Discretionary Expenses

Your retirement income plan

Putting it all together



The building blocks of your plan

Predictable income

to cover your essential expenses

Growth potential

to meet your long-term goals

Flexibility

to adjust as your needs change





Predictable income

Identify your main sources of predictable income.

Understand the rules and limitations of each type.

Use predictable income to cover essential expenses.

What are the main sources of predictable income?



Social Security



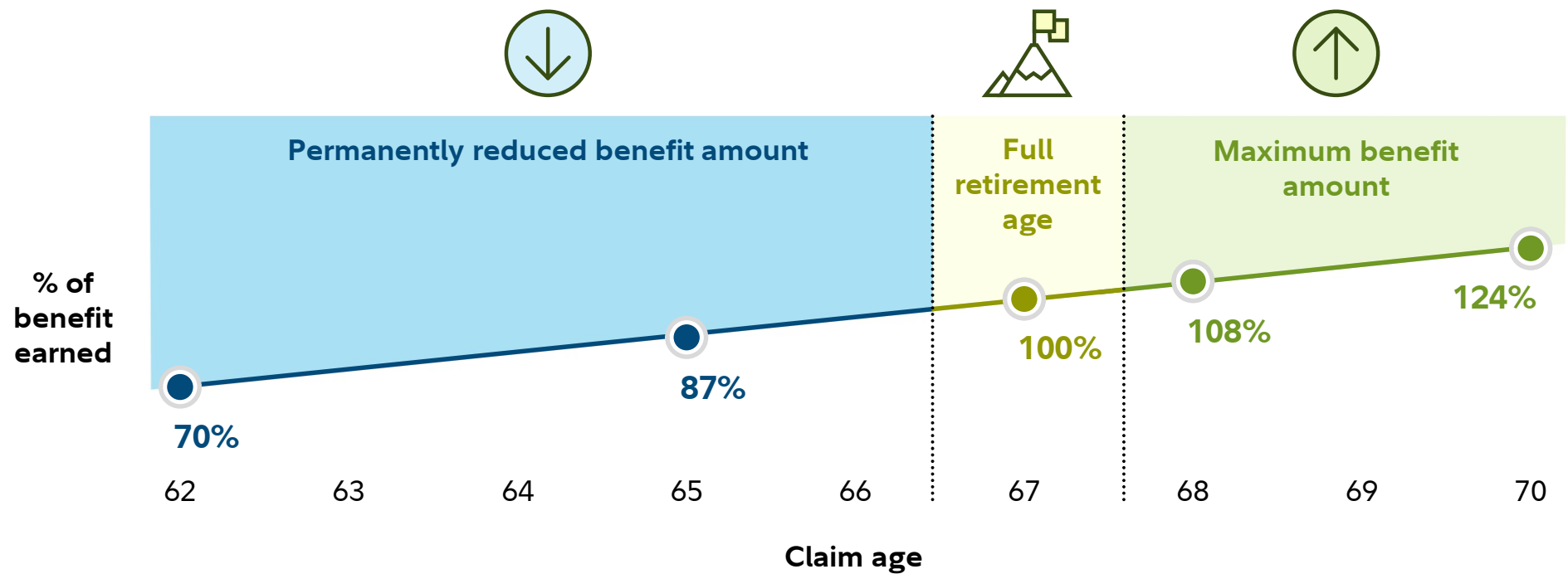
Pensions



Income annuities

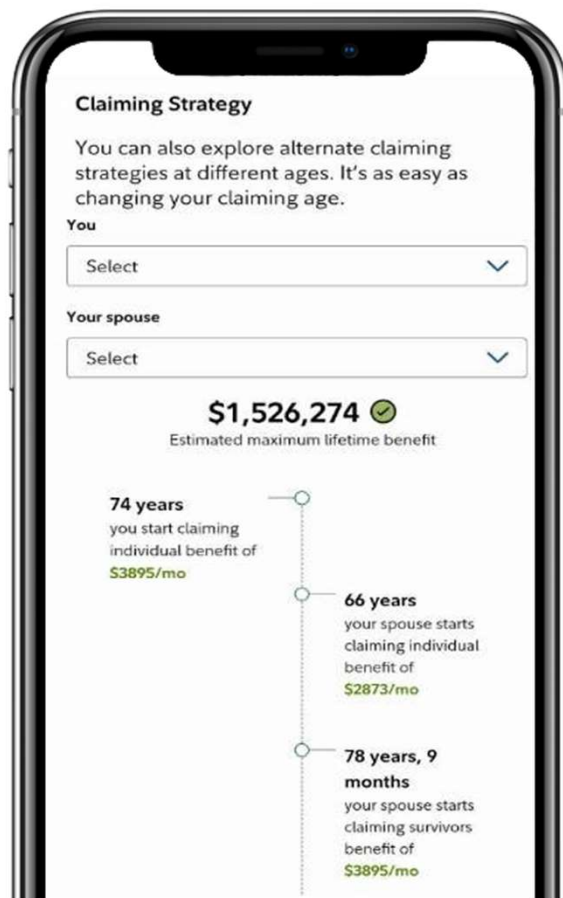
Social Security

Improve your pay-out by waiting to claim benefits



Optimizing your claiming strategy

Using our Social Security Benefit Calculator



Determine a Social Security claiming strategy that works best for your retirement plan



Compare estimated monthly & lifetime benefits across different claiming ages



Review individual, spousal and survivor benefits in various scenarios



See how waiting to claim may help you to maximize your monthly benefit

[NetBenefits.com/socialsecurity](https://netbenefits.com/socialsecurity)

Screenshots are for illustrative purposes only.

Pensions

What to keep in mind



The options you choose for your payouts make a difference

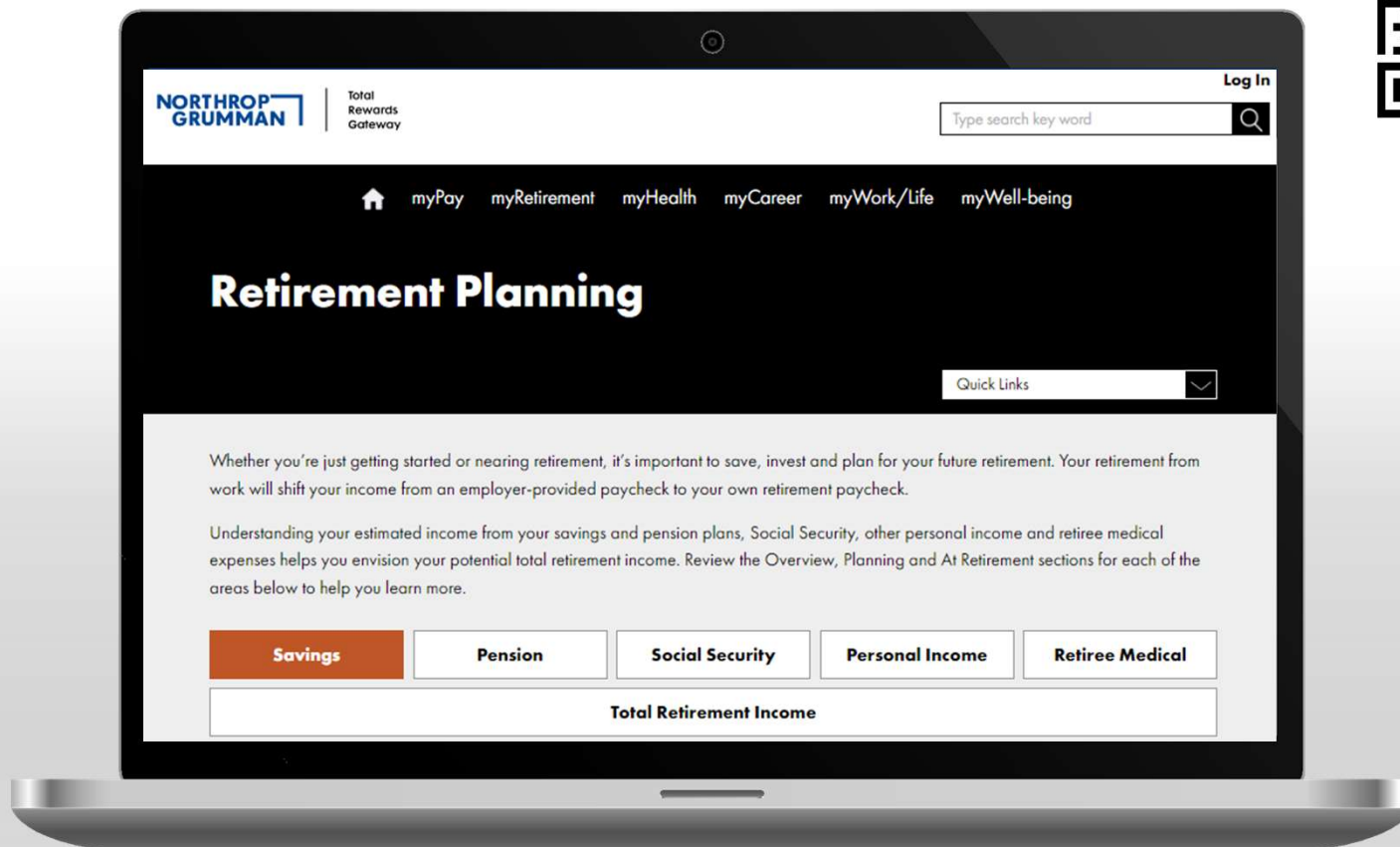


When you start to receive pension payouts influences your payout amount



Once you start payments, you're locked in

RESOURCES



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Guaranteed income annuities

Consider these annuities to help pay for essential expenses

Immediate income annuity¹

Receive income each month
for your lifetime

Payments remain the same
regardless of market fluctuations

Deferred income annuity²

Often invest 2–10 years before
needing the income

Start securing lifetime income
early may require a lower
upfront investment

¹ In order to provide an income stream, there is no or limited access to assets.

² Deferred income annuity contracts are irrevocable, have no cash surrender value, and no withdrawals are permitted prior to the income start date.

Guaranteed Income Estimator

Estimate how much you could have every month with a guaranteed income annuity.

Guaranteed Income Estimator

Step 1 of 3

Who is the annuity for?

A lifetime income annuity can be just for you or held jointly with a spouse. Including a spouse may increase the period of time the annuity is paid out but may also change the amount.

☐ I'd prefer income for a set number of years ?

Lifetime income for you [How is this calculated?](#)

| Lifetime benefit | Investment Amount | Minimum payout ? | Description |
|--|-------------------|------------------|---|
| <input checked="" type="radio"/> Cash Refund | \$382,501 | \$382,501 | Guaranteed income for your life. Your beneficiaries would receive a lump-sum payout of your initial investment less any payments received. See more |
| <input type="radio"/> 10 years guaranteed | \$381,359 | \$360,000 | Guaranteed income for your life. If you pass away before 10 years, your beneficiaries will receive payments for the remaining period. See more |
| <input type="radio"/> 20 years guaranteed | \$400,574 | \$720,000 | Guaranteed income for your life. If you pass away before 20 years, your beneficiaries will receive payments for the remaining period. See more |
| <input type="radio"/> Withdrawal Benefit | \$455,688 | \$455,688 | Guaranteed withdrawals for your life. Income increases each year for the first 10 years or until you start withdrawals, whichever comes first. See more |

Your cumulative income over time*

Cash Refund

| Category | Value |
|--------------------|-------------|
| Investment amount | \$382,501 |
| Income in 10 years | \$360,000 |
| Income in 20 years | \$720,000 |
| Income in 30 years | \$1,080,000 |

*For illustrative purposes only.

Align predictable income to essential expenses

Maintain your lifestyle regardless of market fluctuations



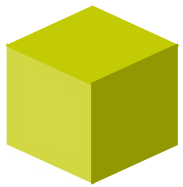
Predictable Income

Social Security, pensions,
fixed income annuities



Essential expenses

Food, housing, health care,
taxes, your other must-haves



Growth potential

Use investment income to fund discretionary spending.

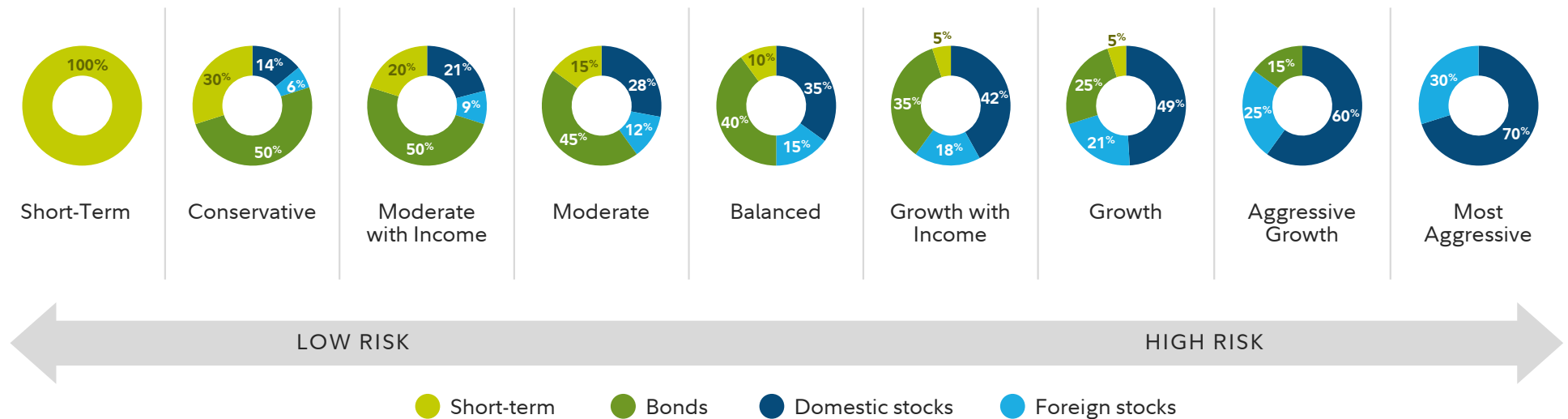
Reassess your appetite for risk and adjust asset allocations.

Meet your long-term needs and keep up with inflation.

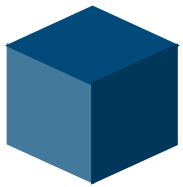
Growth potential

Build an investment strategy and remain disciplined

Target asset mixes



The purpose of the target asset mixes is to show how target asset mixes may be created with different risk and return characteristics to help meet an investor's goal. The four asset mixes above do not represent the full range of target asset mixes. You should choose your own investments based on your particular objectives and situation. Remember, you may change how your account is invested. Be sure to review your decisions periodically to make sure they are still consistent with your goals. These target mixes were developed by Fidelity Investments. Asset allocation does not ensure a profit or guarantee against a loss.



Flexibility

Create a plan that can adapt to life's inevitable curveballs.

Prepare for the unexpected with flexible spending.

Review and adjust your plan as your priorities change.

Prepare for the unexpected

Build flexibility into your plan



**Create an
emergency fund**



**Save for
nonessentials**



**Sell investments
if needed**



**Understand the
need for trade-offs**

Potential income strategies



Using other income
before claiming
Social Security

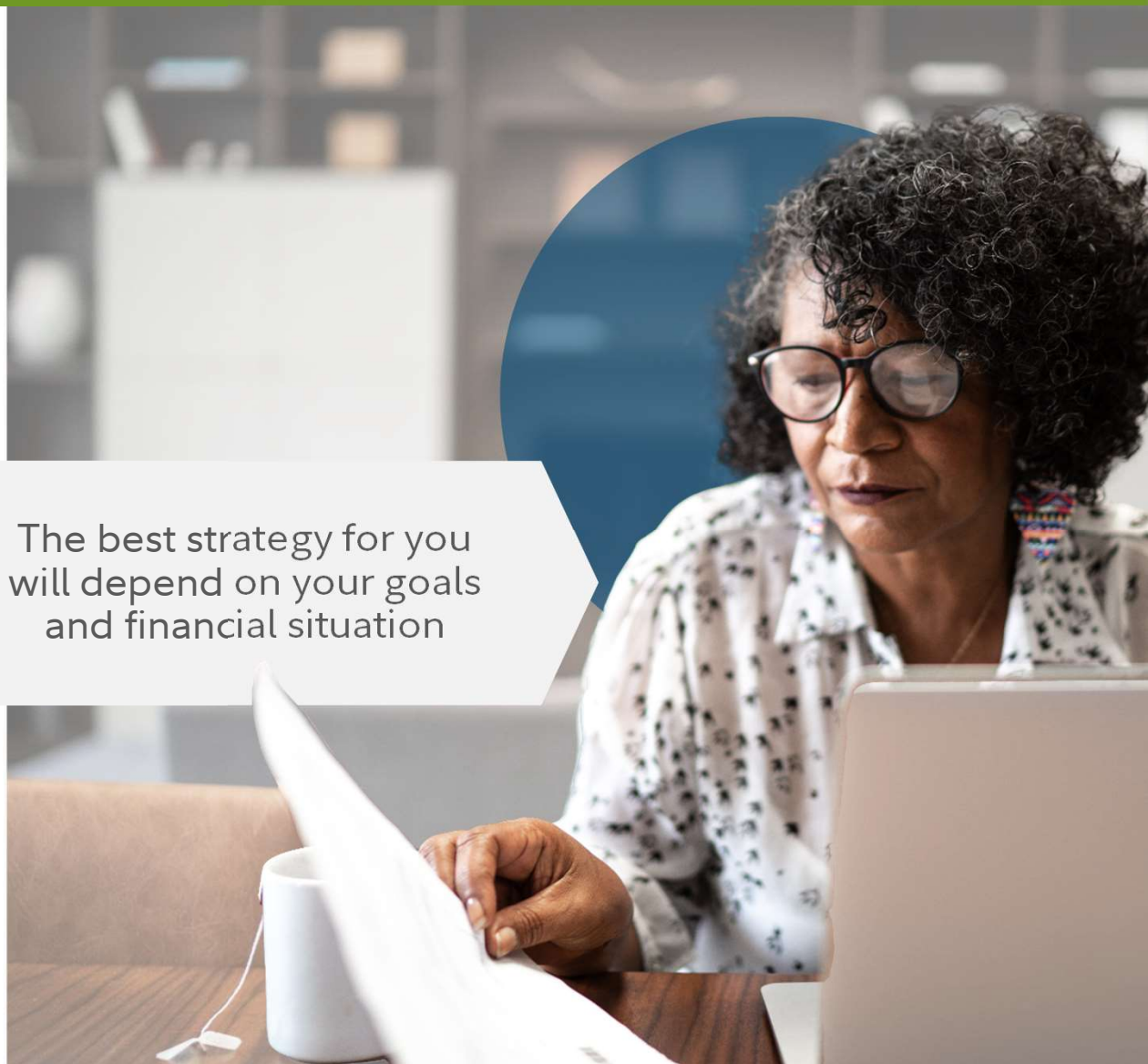


Taking systematic
withdrawals

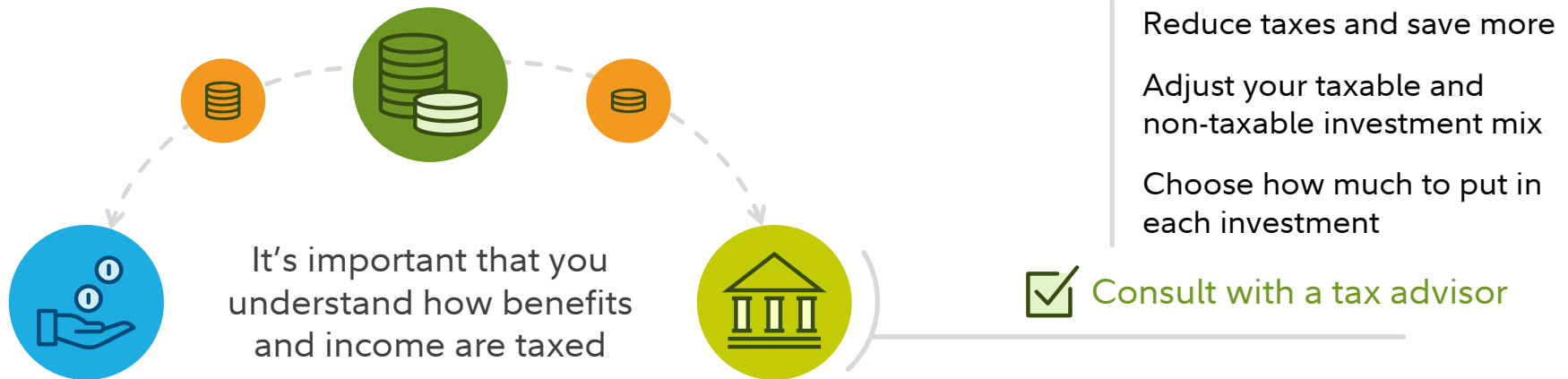


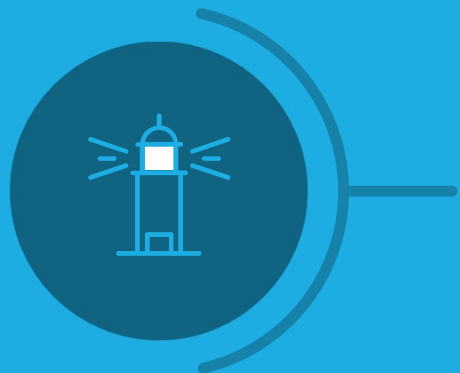
Living off earnings
and interest

The best strategy for you
will depend on your goals
and financial situation

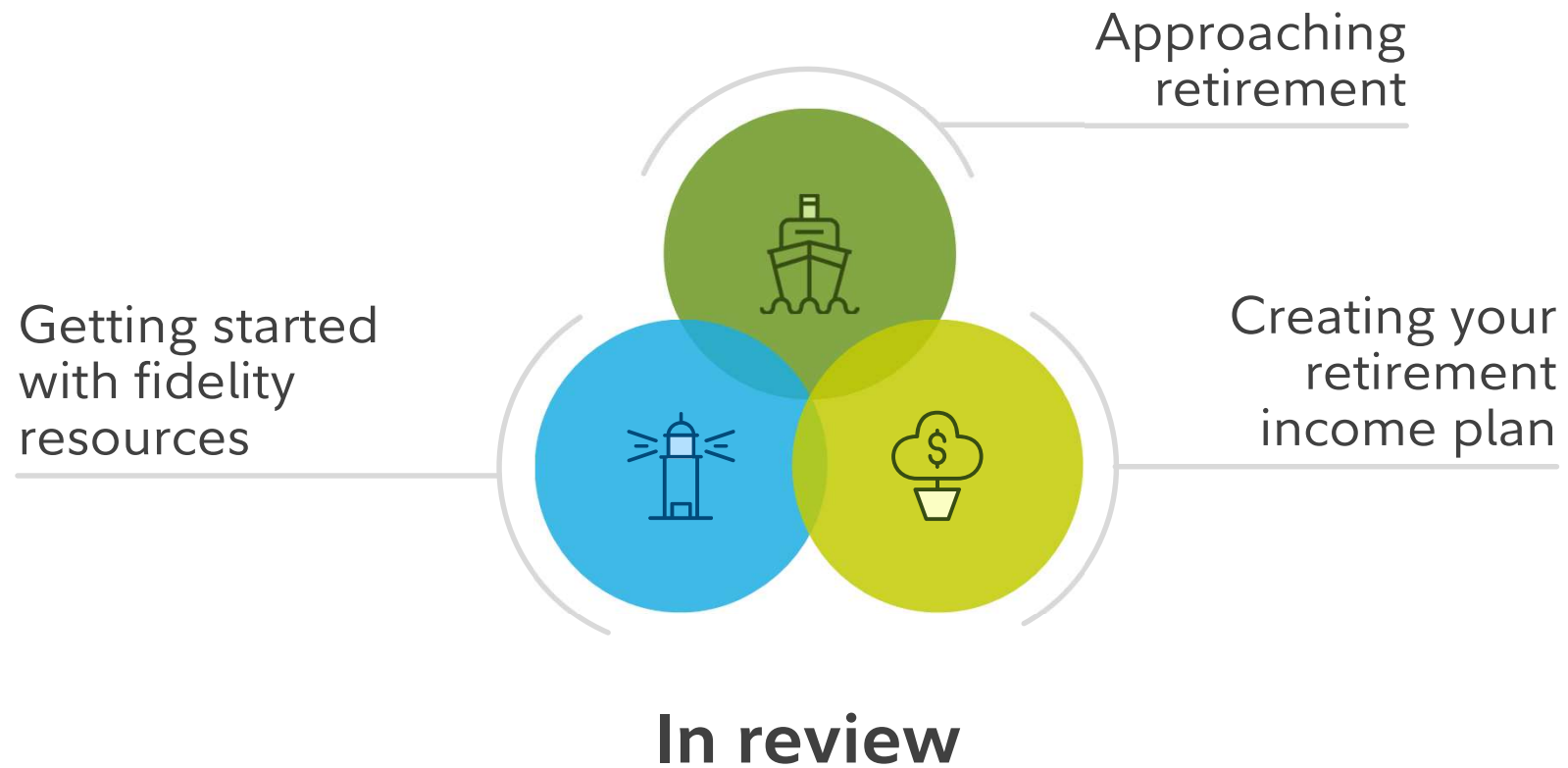


Managing your tax situation

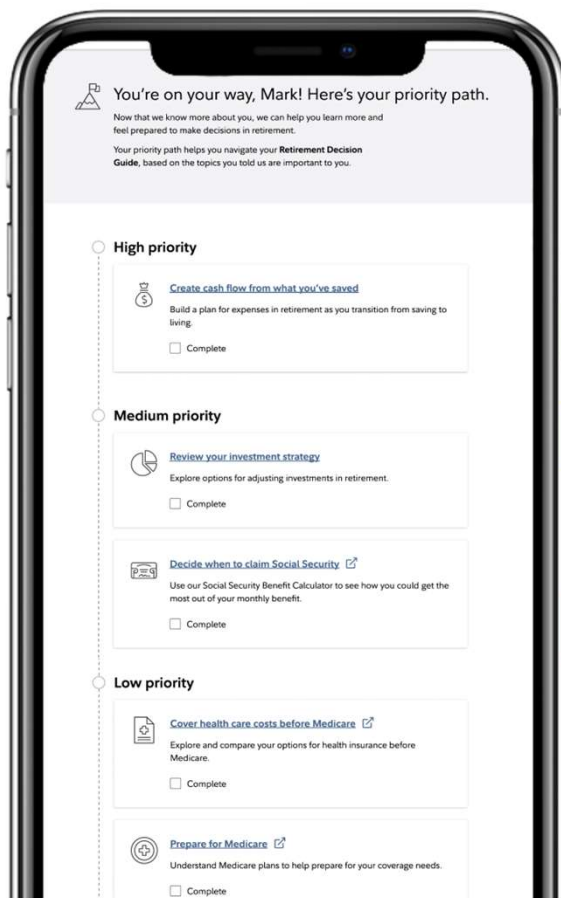




Resources



Retirement Decision Guide



A digital educational tool designed to guide and help you make informed decisions as you prepare for and transition into retirement, enabling you to:

Generate a pathway to retirement based on decisions most important to you

Access educational information and tools on priority topics including social security, investment strategy, healthcare, cashflow, and estate planning

Feel more confident and supported as you transition to retirement

NetBenefits.com/retirementdecisionguide

Screenshots are for illustrative purposes only.

Take action



Social Security benefit calculator

Determine a Social Security claiming strategy that works best for your retirement plan

Retirement decision guide

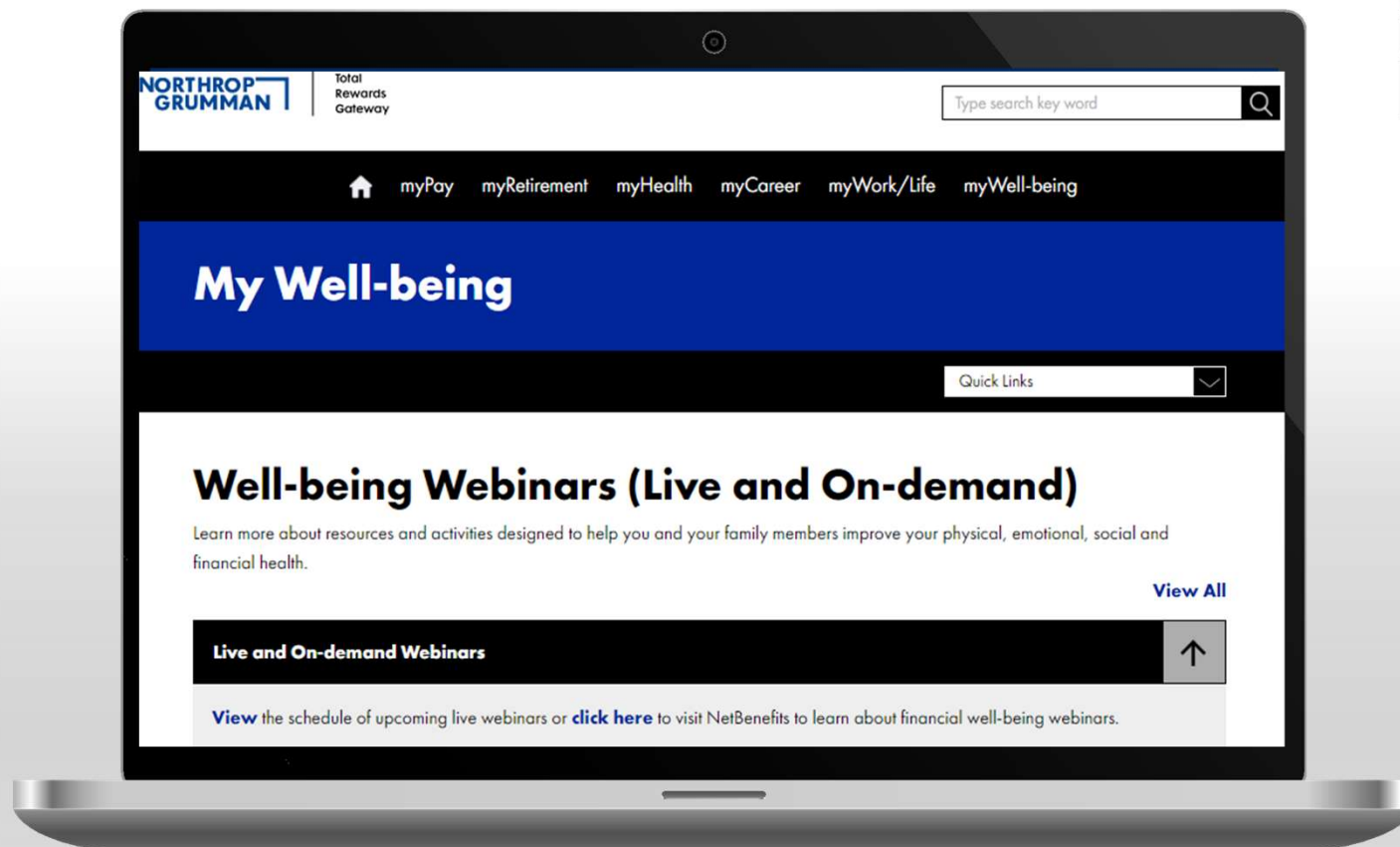
Make informed decisions as you prepare for and transition into retirement

www.netbenefits.com/northropgrumman

Call the
Northrop Grumman
Benefits Center
800.894.4194



RESOURCES



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UPCOMING EVENTS



March 22nd

Have Questions?
Join the Ask Fidelity Session
on Friday, March 22nd



April 17th

Preserving your savings for future generations

Understand what assets are potentially taxable and how they might be distributed

Learn the importance of a living will and health care proxy

Review the basics of trusts, gifting, and possible insurance replacement strategies



May 15th

Five Money Musts

Understand what a budget is and why you need one

Know how to use credit and manage debt

Recognize how investing can help you reach your money goals

Start thinking about retirement

Total Rewards Resources To Help You Thrive



New Benefit: Quantum Health Healthcare Navigation

A dedicated team of nurses, claims specialists and benefits experts are ready to provide you **personalized support and guidance**. All benefits-eligible U.S. employees – and enrolled spouses and domestic partners – have access to this service at no additional cost.

Create your Quantum Health account today at myquantumforngc.com.

NGCare Mental Health Support

Confidential guidance and support for employees and family members 24/7 – **up to 8 free counseling sessions per issue each year**.

Financial Education and Planning Resources

Did you know? Employees have access to several **free financial resources**, including a 1:1 financial consultation with Fidelity, legal and financial counseling through NGCare, monthly Fidelity webinars and retirement planning tools.

Learn about all these benefits and more on the
Total Rewards Gateway
totalrewards.northropgrumman.com

The screenshot shows the Northrop Grumman Total Rewards Gateway website. At the top is the Northrop Grumman logo and a search bar. Below the logo are navigation links: myHealth, myFinancial Planning, myWork/Life, myPay, and Quick Links. A banner for 2024 updates mentions Quantum Health. The main section features a photo of a man and the heading 'What is Total Rewards?', followed by a description of the program and a 'Log In' button. At the bottom, a section titled 'Total Rewards Supports All Aspects of Your Well-being' lists various support areas with icons: myHealth, myFinancial Planning, myWork/Life, and myPay.

Thank you!

Important information

This information is intended to be educational and is not tailored to the investment needs of any specific investor

Investing involves risk, including risk of loss.

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Diversification does not ensure a profit or guarantee against a loss.

Stocks are represented by the Standard and Poor's 500 Index (S&P 500® Index). The S&P 500® Index is a registered service mark of The McGraw-Hill Companies, Inc., and has been licensed for use by Fidelity Distributors Corporation and its affiliates. It is an unmanaged index of the common stock prices of 500 widely held U.S. stocks that includes the reinvestment of dividends.

Bonds are represented by the U.S. Intermediate Government Bond Index, which is an unmanaged index that includes the reinvestment of interest income.

Short-term instruments are represented by U.S. Treasury bills, which are backed by the full faith and credit of the U.S. government.

Inflation is represented by the Consumer Price Index, which monitors the cost of living in the United States

Important information

Annuity guarantees are subject to the claims-paying ability of the issuing insurance company.

Income annuities have limited or no access to assets. Withdrawals of taxable amounts and taxable income received from an annuity are subject to ordinary income tax. Withdrawals of taxable amounts taken before age 59½ may be subject to a 10% IRS penalty.

Fixed income annuities may be offered as distribution options from retirement plans to eligible participants or purchased outside of the plan. Annuities available as distributions from retirement plans are selected by the plan fiduciary and subject to the terms of the plan. The forms of annuity payout may be subject to requirements imposed by the Internal Revenue Code.

Fixed annuities available at Fidelity for purchase outside of a retirement plan are issued by third-party insurance companies, which are not affiliated with any Fidelity Investments company. These products are distributed by Fidelity Insurance Agency, Inc., and, for certain products, by Fidelity Brokerage Services LLC, Member NYSE, SIPC.

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Participants should carefully consider all the available options and the applicable fees and features of each before moving their retirement assets.

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Fixed annuities available at Fidelity for purchase outside of a retirement plan are issued by third-party insurance companies

Important information

Stock prices are more volatile than those of other securities. Government bonds and corporate bonds have more moderate short-term price fluctuations than stocks but provide lower potential long-term returns. U.S. Treasury bills maintain a stable value (if held to maturity), but returns are only slightly above the inflation rate.

In general, the bond market is volatile, and fixed income securities carry interest rate risk. (As interest rates rise, bond prices usually fall, and vice versa. This effect is usually more pronounced for longer-term securities.) Fixed income securities also carry inflation risk and credit and default risks for both issuers and counterparties. Unlike individual bonds, most bond funds do not have a maturity date, so holding them until maturity to avoid losses caused by price volatility is not possible.

You cannot invest directly in an index. Past performance does not guarantee future results.

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