



Jim Agostini, CFP®, ChFC®
LPL Registered Principal
DaVinci Financial Designs
 5301 N. Trenholm Road
 Suite A
 Columbia, SC 29206
 Office 803-741-0134
 Mobile 803-530-5375
 jim.agostini@dav-fd.com
 www.davincifinancialdesigns.com

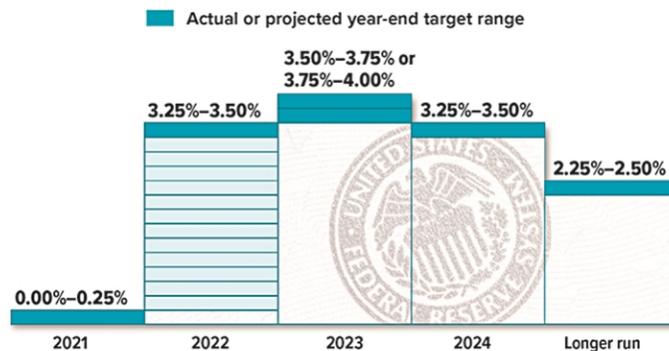


Rising Interest Rates

After dropping the benchmark federal funds rate to a range of 0%–0.25% early in the pandemic, the Federal Open Market Committee (FOMC) of the Federal Reserve has begun raising the rate aggressively in response to high inflation. Raising the funds rate places upward pressure on a wide range of interest rates, including the prime rate, small-business loans, home-equity lines of credit, auto loans, credit-card rates, and adjustable-rate mortgages (with indirect pressure on fixed-rate mortgages).

This chart illustrates the federal funds target range at the end of 2021 and future year-end projections released after the FOMC June 2022 meeting, when the Committee raised the range to 1.50%–1.75%.

Blue boxes represent actual or projected 0.25% federal funds target ranges



Based on assessments of the majority of Committee members.

Source: Federal Reserve, June 2022. These are only projections, based on current conditions, subject to change, and may not come to pass.

Amount that the prime rate typically runs above the upper end of the federal funds target range. For example, if the federal funds rate is set at 3.25%–3.50% by the end of 2022, the prime rate would typically be 6.50%. The prime rate, which commercial banks charge for loans to their best customers, serves as a benchmark for many consumer rates.

Source: Federal Reserve, 2022

When Two Goals Collide: Balancing College and Retirement Preparations

You've been doing the right thing financially for many years, saving for your child's education and your own retirement. Yet now, as both goals loom in the years ahead, you may wonder what else you can do to help your child (or children) receive a quality education without compromising your own retirement goals.

Knowledge Is Power

Start by reviewing the financial aid process and understanding how financial need is calculated. Colleges and the federal government use different formulas to determine need by looking at a family's income (the most important factor), assets, and other household information.

A few key points:

- Generally, the federal government assesses up to 47% of parent income (adjusted gross income plus untaxed income/benefits minus certain deductions) and 50% of a student's income over a certain amount. Parent assets are counted at 5.6%; student assets are counted at 20%.¹
- Certain parent assets are excluded, including home equity and retirement assets.
- The Free Application for Federal Student Aid (FAFSA) relies on your income from two years prior (the "base year") and current assets for its analysis. For example, for the 2023-2024 school year, the FAFSA will consider your 2021 income tax record and your assets at the time of application.

Strategies to Consider

Financial aid takes two forms: need-based aid and merit-based aid. Although middle- and higher-income families typically have a tougher time receiving need-based aid, there are some ways to reposition your finances to potentially enhance eligibility:

- Time the receipt of discretionary income to avoid the base year.
- Have your child limit his or her income during the base year to the excludable amount.
- Use countable assets (such as cash savings) to increase investments in your college and retirement savings accounts and pay down consumer debt and your mortgage.
- Make a major purchase, such as a car or home improvement, to reduce liquid assets.

Many colleges use merit-aid packages to attract students, regardless of financial need. As your family

explores colleges in the years ahead, be sure to investigate merit-aid opportunities as well. A net price calculator, available on every college website, can give you an estimate of how much financial aid (merit- and need-based) your child might receive at a particular college.

Don't Lose Sight of Retirement

What if you've done all you can and still face a sizable gap between how much college will cost and how much you have saved? To help your child graduate with as little debt as possible, you might consider borrowing or withdrawing funds from your retirement savings. Though tempting, this is not an ideal move. While your child can borrow to finance his or her education, you generally cannot take a loan to fund your retirement. If you make retirement savings and debt reduction (including a mortgage) a priority now, you may be better positioned to help your child repay any loans later.

Some Parents Use Retirement Funds to Pay for College

| | Retirement Savings Withdrawal | | Retirement Account Loan | |
|--|-------------------------------|---------|-------------------------|---------|
| | 2020 | 2021 | 2020 | 2021 |
| Percentage of families using each source | 14% | 16% | 7% | 6% |
| Average amount | \$3,143 | \$3,633 | \$2,806 | \$3,631 |

Source: Sallie Mae, 2021

Consider speaking with a financial professional about how these strategies may help you balance these two challenging and important goals. There is no assurance that working with a financial professional will improve investment results.

Withdrawals from traditional IRAs and most employer-sponsored retirement plans are taxed as ordinary income and may be subject to a 10% penalty tax if taken prior to age 59½, unless an exception applies. (IRA withdrawals used for qualified higher-education purposes avoid the early-withdrawal penalty.)

1) College Savings Plan Network, 2021

Inflation Protection for Investment Dollars

For the 12-month period ending in May 2022, the Consumer Price Index for All Urban Consumers (CPI-U) — the most widely used measure of inflation — increased 8.6%, the fastest pace in 40 years.¹ The rate may trend downward as the Federal Reserve raises interest rates and supply-chain issues improve. But inflation is likely to be relatively high for some time.

High inflation not only hits consumers in the pocketbook for current spending, it also has a negative impact on the future purchasing power of fixed-income investments. For example, a hypothetical investment earning 5% annually would have a *real return* of -2.5% during a period of 7.5% annual inflation. This rate of return might be further reduced by taxes.

One way to help hedge your bond portfolio against inflation is by investing in Treasury Inflation-Protected Securities (TIPS).

How TIPS Fight Inflation

The principal value of TIPS is automatically adjusted twice a year to match any increases or decreases in the Consumer Price Index. If the CPI-U moves up or down, the Treasury recalculates your principal to reflect the change. A fixed rate of interest is paid twice a year based on the current principal, so the amount of interest may also fluctuate. Thus, you are trading the certainty of knowing exactly how much interest you'll receive for the assurance that your investment will maintain its purchasing power over time.

Like all Treasury securities, TIPS are guaranteed by the federal government as to the timely payment of principal and interest. If you hold TIPS to maturity, you will receive the greater of the inflation-adjusted principal or the amount of your original investment.

Pricing-In Protection

TIPS pay lower interest rates than equivalent Treasury securities that don't adjust for inflation. The *breakeven inflation rate* is the difference between the yield of TIPS and nominal (non-inflation-protected) Treasury securities with similar maturities. It is the premium the investor pays for inflation protection, as well as a market-based measure of expected inflation.

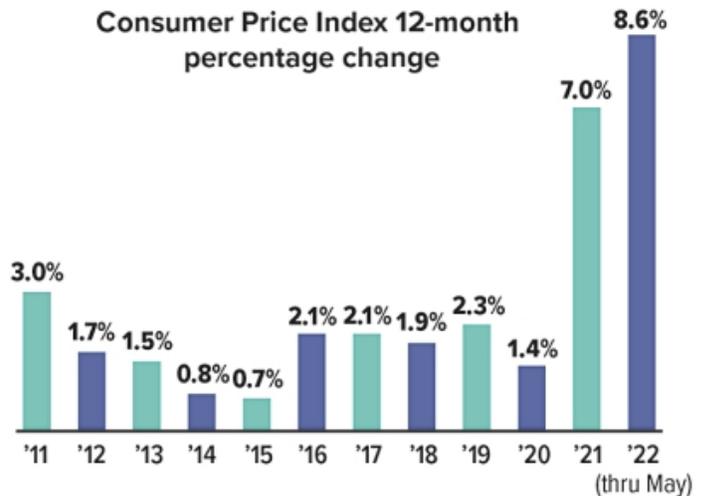
If inflation runs higher than expected, TIPS will earn a better return than nominal Treasury securities. If inflation runs below the breakeven rate, then TIPS have no clear advantage. However, the increased principal due to any level of inflation can still add to the value of your portfolio.

In some situations, TIPS can have negative interest rates that might produce a positive return after the principal is increased for inflation. For example, if a five-year TIPS offers a return of -0.5% while a five-year Treasury note offers a return of 2.5%, the 3% difference between these rates is the breakeven

inflation rate. If inflation were to run at 4% over the five-year period, the TIPS would return 3.5% (4% - 0.5%) after adjustments for inflation, 1% higher than the return on the Treasury note.²

Eroding Purchasing Power

After an extended period of low inflation, consumer prices spiked in 2021 and 2022 due to supply and demand imbalances as the U.S. economy reopened.



Source: U.S. Bureau of Labor Statistics, 2022

TIPS are sold in \$100 increments and are available in maturities of 5, 10, and 30 years. As with all bonds, the return and principal value of TIPS on the secondary market will vary with market conditions, are sensitive to movements in interest rates, and may be worth more or less than their original cost. When interest rates rise, the value of existing TIPS will typically fall on the secondary market. Changing rates and secondary-market values should not affect the principal of TIPS held to maturity.

You must pay federal income tax each year on the interest income from TIPS plus any increase in principal, even though you won't receive the principal and interest until the bonds mature. For this reason, investors might consider holding TIPS in a tax-deferred account such as an IRA.

1) U.S. Bureau of Labor Statistics, 2022

2) This hypothetical example of mathematical principles is used for illustrative purposes only. Rates of return will vary over time, particularly for long-term investments. Actual results will vary.

Avoiding Probate

Probate is the process of proving the validity of a will and supervising the administration of an estate usually in the probate court. State law governs the proceedings in the probate court, so the process can vary from state to state. Supervising the administration of an estate can result in additional expense, unwanted publicity, and delays in the distribution of estate assets for a year or longer, which is why planning to avoid the probate process may be beneficial.

There are several ways in which assets may transfer on death directly from the decedent/owner to others without probate. The following are some of the more common ways.

Create a living trust. A revocable living trust is a separate legal entity that can be set up to hold assets. You can transfer most assets to a living trust while you're alive and have complete access to and control of those assets during your lifetime. You can also direct who is to receive assets held in trust upon your death. *The use of trusts involves a complex web of tax rules and regulations, and usually involves upfront costs and ongoing administrative fees. You should consider the counsel of an experienced estate planning professional before implementing a trust strategy.*

Name a beneficiary. Many types of contracts allow you, as the account owner, to designate a beneficiary

or beneficiaries to receive the assets directly upon your death, avoiding probate. Examples include life insurance, annuities, and retirement accounts such as IRAs and 401(k)s.



Additional ways to avoid probate include making lifetime gifts and designating a transfer on death beneficiary for motor vehicles.

Make accounts payable on death. Certain other types of accounts, such as bank accounts and brokerage accounts, also allow you to designate a beneficiary to inherit the account at your death without going through probate.

Own real estate jointly or create a life estate. Owning property jointly, as joint tenants with rights of survivorship, is another way to transfer property at death while avoiding probate. When one joint owner dies, property ownership automatically transfers to the surviving joint owner. You can also create a life estate in the property. In this case, you transfer ownership of the property to others, often called remainder beneficiaries, while you retain a life estate in the property. This means you have the right to use and control the property during your lifetime. Upon your death, complete ownership of the property passes to the remainder beneficiaries.

IMPORTANT DISCLOSURES

Securities offered through LPL Financial, Member FINRA/SIPC

Investment advice offered through DaVinci Financial Designs, a registered investment advisor and separate entity from LPL Financial.

Broadridge Investor Communication Solutions, Inc. does not provide investment, tax, or legal advice. The information presented here is not specific to any individual's personal circumstances.

To the extent that this material concerns tax matters, it is not intended or written to be used, and cannot be used, by a taxpayer for the purpose of avoiding penalties that may be imposed by law. Each taxpayer should seek independent advice from a tax professional based on his or her individual circumstances.

These materials are provided for general information and educational purposes based upon publicly available information from sources believed to be reliable—we cannot assure the accuracy or completeness of these materials. The information in these materials may change at any time and without notice.