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August 2016

OnWealth
Financial Advice from Wealth Management Services

Investors Are Human, Too

In 1981, the Nobel Prize-winning economist Robert Shiller published a groundbreaking study that contradicted a prevailing theory that markets are always efficient. If they were, stock prices would generally mirror the growth in earnings and dividends. Shiller's research showed that stock prices fluctuate more often than changes in companies' intrinsic valuations (such as dividend yield) would suggest.[1]

Shiller concluded that asset prices sometimes move erratically in the short term simply because investor behavior can be influenced by emotions such as greed and fear. Many investors would agree that it's sometimes difficult to stay calm and act rationally, especially when unexpected events upset the financial markets.

Researchers in the field of behavioral finance have studied how cognitive biases in human thinking can affect investor behavior. Understanding the influence of human nature might help you overcome these common psychological traps.

Herd mentality

Individuals may be convinced by their peers to follow trends, even if it's not in their own best interests. Shiller proposed that human psychology is the reason that "bubbles" form in asset markets. Investor enthusiasm ("irrational exuberance") and a herd mentality can create excessive demand for "hot" investments. Investors often chase returns and drive up prices until they become very expensive relative to long-term values.

Past performance, however, does not guarantee future results, and bubbles eventually burst. Investors who follow the crowd can harm long-term portfolio returns by fleeing the stock market after it falls and/or waiting too long (until prices have already risen) to reinvest.

Availability bias

This mental shortcut leads people to base judgments on examples that immediately come to mind, rather than examining alternatives. It may cause you to misperceive the likelihood or frequency of events, in the same way that watching a movie about sharks can make it seem more dangerous to swim in the ocean.

Confirmation bias

People also have a tendency to search out and remember information that confirms, rather than challenges, their current beliefs. If you have a good feeling about a certain investment, you may be likely to ignore critical facts and focus on data that supports your opinion.

Overconfidence

Individuals often overestimate their skills, knowledge, and ability to predict probable outcomes. When it comes to investing, overconfidence may cause you to trade excessively and/or downplay potential risks.

Loss aversion

Research shows that investors tend to dislike losses much more than they enjoy gains, so it can actually be painful to deal with financial losses.[2] Consequently, you might avoid selling an investment that would realize a loss even though the sale may be an appropriate course of action. The intense fear of losing money may even be paralyzing.

It's important to slow down the process and try to consider all relevant factors and possible outcomes when making financial decisions. Having a long-term perspective and sticking with a thoughtfully crafted investing strategy may also help you avoid expensive, emotion-driven mistakes.

Note: *All investments are subject to market fluctuation, risk, and loss of principal. When sold, investments may be worth more or less than their original cost.*

1 *The Economist,* "What's Wrong with Finance?" May 1, 2015

2 *The Wall Street Journal,* "Why an Economist Plays Powerball," January 12, 2016

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Understanding the Net Investment Income Tax

The 3.8% net investment income tax, sometimes referred to as the Medicare surtax on net investment income, originated in revenue provisions included in the Affordable Care Act of 2010. Unlike payroll tax revenues, funds collected from this surtax are deposited into the general fund of the U.S. Treasury; they are not applied to the Medicare Trust Fund.

It's been around since 2013, but many are still struggling to come to grips with the net investment income tax. The 3.8% tax, which is sometimes referred to as the Medicare surtax on net investment income, affected approximately 3.1 million federal income tax returns for 2013 (the only year for which data is available) to the tune of almost $11.7 billion.[1] Here's what you need to know.

What is it?

The net investment income tax is a 3.8% "extra" tax that applies to certain investment income in addition to any other income tax due. Whether you're subject to the tax depends on two general factors: the amount of your modified adjusted gross income for the year, and how much net investment income you have.

Note: *Nonresident aliens are not subject to the net investment income tax.*

What income thresholds apply?

Modified adjusted gross income (MAGI) is basically adjusted gross income--the amount that shows up on line 37 of your IRS Form 1040--with certain amounts excluded from income added back in.

The net investment income tax applies only if your modified adjusted gross income exceeds the following thresholds:

Filing Status	MAGI
Married filing jointly or qualifying widow(er)	$250,000
Married filing separately	$125,000
Single or head of household	$200,000

What is net investment income?

Investment income generally includes interest, dividends, capital gains, rental and royalty income, income from nonqualified annuities, and income from passive business activities and businesses engaged in the trade of financial instruments or commodities. Investment income does not include wages, unemployment compensation, Social Security benefits, tax-exempt interest, self-employment income, or distributions from most qualified retirement plans and IRAs.

Note: *Even though items like wages and retirement plan distributions aren't included in net investment income, they are obviously a factor in calculating MAGI. So higher levels of non-investment income can still make a difference in whether the net investment income tax applies.*

Gain from the sale of a personal residence would generally be included in determining investment income. However, investment income does not include any amount of gain that is excluded from gross income for regular income tax purposes. Qualifying individuals are generally able to exclude the first $250,000--or $500,000 for married couples filing jointly--of gain on the sale of a principal residence; any of the gain that's excluded for regular income tax purposes would not be included in determining investment income.

To calculate *net* investment income, you reduce your gross investment income by any deductible expenses that can be allocated to the income. So, for example, associated investment interest expense, investment and brokerage fees, expenses associated with rental and royalty income, and state and local income taxes can all be factored in.

How is the tax calculated?

You know your modified adjusted gross income. You know your net investment income. To calculate the net investment income tax, first subtract the threshold figure (shown above) for your filing status from your MAGI. Then compare the result with your net investment income. Multiply the lower of the two figures by 3.8%.

For example, assume you and your spouse file a joint federal income tax return and have $270,000 in MAGI and $50,000 in net investment income. Your MAGI is $20,000 over the $250,000 threshold for married couples filing jointly. You would owe $760 (3.8% multiplied by $20,000), because the tax is based on the lesser of net investment income or MAGI exceeding the threshold.

How is it reported?

If you're subject to the net investment income tax, you must complete IRS Form 8960, Net Investment Income Tax--Individuals, Estates, and Trusts, and attach it to your federal income tax return (you must file IRS Form 1040). The instructions for IRS Form 8960 provide an overview of the rules that apply and can be a good source of additional information. If you think you may be affected by the net investment income tax, though, it's a good idea to consider discussing your individual situation with a tax professional.

[1] IRS Statistics of Income Bulletin, Spring 2015

Which is the better option, pretax or Roth contributions?

The answer depends upon your personal situation. If you think you'll be in a similar or higher tax bracket when you retire, Roth 401(k) contributions may be more appealing, since you'll effectively lock in today's lower tax rates. However, if you think you'll be in a lower tax bracket when you retire, pretax 401(k) contributions may be more appropriate. Your investment horizon and projected investment results are also important factors.

Q&As on Roth 401(k)s

The Roth 401(k) is 10 years old! With 62% of employers now offering this option, it's more likely than not that you can make Roth contributions to your 401(k) plan.[1] Are you taking advantage of this opportunity?

What is a Roth 401(k) plan?

A Roth 401(k) plan is simply a traditional 401(k) plan that permits contributions to a designated Roth account within the plan. Roth 401(k) contributions are made on an after-tax basis, just like Roth IRA contributions. This means there's no up-front tax benefit, but if certain conditions are met both your contributions and any accumulated investment earnings on those contributions are free of federal income tax when distributed from the plan.

Who can contribute?

Anyone! If you're eligible to participate in a 401(k) plan with a Roth option, you can make Roth 401(k) contributions. Although you cannot contribute to a Roth IRA if you earn more than a specific dollar amount, there are no such income limits for a Roth 401(k).

Are distributions really tax free?

Because your contributions are made on an after-tax basis, they're always free of federal income tax when distributed from the plan. But any investment earnings on your Roth contributions are tax free only if you meet the requirements for a "qualified distribution."

In general, a distribution is qualified if:

- It's made after the end of a five-year holding period, *and*
- The payment is made after you turn 59½, become disabled, or die

The five-year holding period starts with the year you make your first Roth contribution to your employer's 401(k) plan. For example, if you make your first Roth contribution to the plan in December 2016, then the first year of your five-year holding period is 2016, and your waiting period ends on December 31, 2020. Special rules apply if you transfer your Roth dollars over to a new employer's 401(k) plan.

If your distribution isn't qualified (for example, you make a hardship withdrawal from your Roth account before age 59½), the portion of your distribution that represents investment earnings will be taxable and subject to a 10% early distribution penalty, unless an exception applies. (State tax rules may be different.)

How much can I contribute?

There's an overall cap on your combined pretax and Roth 401(k) contributions. In 2016, you can contribute up to $18,000 ($24,000 if you are age 50 or older) to a 401(k) plan. You can split your contribution between Roth and pretax contributions any way you wish. For example, you can make $10,000 of Roth contributions and $8,000 of pretax contributions. It's totally up to you.

Can I still contribute to a Roth IRA?

Yes. Your participation in a Roth 401(k) plan has no impact on your ability to contribute to a Roth IRA. You can contribute to both if you wish (assuming you meet the Roth IRA income limits).

What about employer contributions?

While employers don't have to contribute to 401(k) plans, many will match all or part of your contributions. Your employer can match your Roth contributions, your pretax contributions, or both. But your employer's contributions are always made on a pretax basis, even if they match your Roth contributions. In other words, your employer's contributions, and any investment earnings on those contributions, will be taxed when you receive a distribution of those dollars from the plan.

Can I convert my existing traditional 401(k) balance to my Roth account?

Yes! If your plan permits, you can convert any portion of your 401(k) plan account (your pretax contributions, vested employer contributions, and investment earnings) to your Roth account. The amount you convert is subject to federal income tax in the year of the conversion (except for any after-tax contributions you've made), but qualified distributions from your Roth account will be entirely income tax free. The 10% early-distribution penalty generally doesn't apply to amounts you convert.[2]

What else do I need to know?

Like pretax 401(k) contributions, your Roth contributions can be distributed only after you terminate employment, reach age 59½, incur a hardship, become disabled, or die. Also, unlike Roth IRAs, you must generally begin taking distributions from a Roth 401(k) plan after you reach age 70½ (or, in some cases, after you retire). But this isn't as significant as it might seem, because you can generally roll over your Roth 401(k) money to a Roth IRA if you don't need or want the lifetime distributions.

[1] Plan Sponsor Council of America, *58th Annual Survey of Profit Sharing and 401(k) Plans* (2015) (Reflecting 2014 Plan Experience)

[2] The 10% penalty tax may be reclaimed by the IRS if you take a nonqualified distribution from your Roth account within five years of the conversion.

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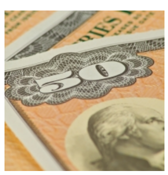
I have matured U.S. savings bonds. Are they still earning interest and, if not, can I roll them over to another savings bond?

Once U.S savings bonds have reached maturity, they stop earning interest. Prior to 2004, you could convert your Series E or EE savings bonds for Series HH bonds. This would have allowed you to continue earning tax-deferred interest. However, after August 31, 2004, the government discontinued the exchange of any form of savings bonds for HH bonds, so that option is no longer available.

Since matured savings bonds no longer earn interest, there is no financial benefit to holding on to them. If you have paper bonds, you can cash them in at most financial institutions, such as banks or credit unions. However, it's a good idea to call a specific institution before going there to be sure it will redeem your bonds. As an alternative, you can mail them to the Treasury Retail Securities Site, PO Box 214, Minneapolis, MN 55480, where they will be redeemed. If you have electronic bonds, log on to treasurydirect.gov and follow the directions there. The proceeds from your redeemed bonds can be deposited directly into your checking or savings account for a relatively quick turnover.

Another important reason to redeem your matured savings bonds may be because savings bond interest earnings, which can be deferred, are subject to federal income tax when the bond matures or is otherwise redeemed, whichever occurs first. So if you haven't previously reported savings bond interest earnings, you must do so when the bond matures, even if you don't redeem the bonds.

Using the money for higher education may keep you from paying federal income tax on your savings bond interest. The savings bond education tax exclusion permits qualified taxpayers to exclude from their gross income all or part of the interest paid upon the redemption of eligible Series EE and I bonds issued after 1989 when the bond owner pays qualified higher-education expenses at an eligible institution. However, there are very specific requirements that must be met in order to qualify, so consult with your tax professional.



How many types of government savings bonds are there, and what's the difference between them?

While the U.S. government has issued 13 types of savings bonds, there are currently only two series available for purchase through the U.S. Treasury Department: Series EE bonds and Series I bonds. U.S. savings bonds are nonmarketable securities, which means you can't resell them unless you're authorized as an issuing or redeeming agent by the U.S. Treasury Department. Savings bonds are guaranteed by the federal government as to the timely payment of principal and interest.

You can buy Series EE bonds and I bonds in any amount from $25 up to $10,000, which is the maximum amount you can purchase for each bond type per calendar year. In other words, you may buy a total of $10,000 annually in both EE and I bonds, for an annual total of $20,000 for the two types combined.

Series EE bonds earn a fixed rate of interest as long as you hold them, up to 30 years. You'll know the interest rate the bond will earn when you buy it. The U.S. Treasury announces the rate each May 1 (for new EE bonds issued between May 1 and October 31) and November 1 (for new EE bonds issued between November 1 and April 30).

Series I bonds are similar to EE bonds, but I bonds offer some protection against inflation by paying interest based on a combination of a fixed rate and a rate tied to the semi-annual inflation rate. The fixed rate component doesn't change, whereas the rate tied to inflation is recalculated and can change every six months. The total interest (fixed and inflation adjusted) compounds semi-annually.

In any case, the interest on EE or I savings bonds isn't paid to you until you cash in the bonds. You can cash in EE bonds or I bonds any time after one year, but if you cash them out before five years, you lose the last three months of interest.

The interest earned on both EE and I bonds is generally exempt from state income tax but subject to federal income tax. Interest income may be excluded from federal income tax when bonds are used to finance higher-education expenses, although restrictions may apply.