



## Exchange Investment Services, Inc.

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*The year is flying by....hope you are enjoying every day as much as I am!*

*Please know I have access to many resources surrounding anything financial...call to find out if I can help you with your individual situation today.*

*Sincerely yours,  
Laura*

### 3rd Quarter 2016

Investors Are Human, Too

Be Prepared to Retire in a Volatile Market

Debt Optimization Strategies

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

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# Quarterly Newsletter

## August 2016

### 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.<sup>1</sup>

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.<sup>2</sup> 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.

<sup>1</sup> *The Economist*, "What's Wrong with Finance?" May 1, 2015

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

## Be Prepared to Retire in a Volatile Market



**Market losses on the front end of your retirement could have an outsized effect on the income you might receive from your portfolio.**

In an ideal world, your retirement would be timed perfectly. You would be ready to leave the workforce, your debt would be paid off, and your nest egg would be large enough to provide a comfortable retirement--with some left over to leave a legacy for your heirs.

Unfortunately, this is not a perfect world, and events can take you by surprise. In a survey conducted by the Employee Benefit Research Institute, only 44% of current retirees said they retired when they had planned; 46% retired earlier, many for reasons beyond their control.<sup>1</sup> But even if you retire on schedule and have other pieces of the retirement puzzle in place, you cannot predict the stock market. What if you retire during a market downturn?

### Sequencing risk

The risk of experiencing poor investment performance at the wrong time is called sequencing risk or sequence of returns risk. All investments are subject to market fluctuation, risk, and loss of principal--and you can expect the market to rise and fall throughout your retirement. However, market losses on the front end of your retirement could have an outsized effect on the income you might receive from your portfolio.

If the market drops sharply before your planned retirement date, you may have to decide between retiring with a smaller portfolio or working longer to rebuild your assets. If a big drop comes early in retirement, you may have to sell investments during the downswing, depleting assets more quickly than if you had waited and reducing your portfolio's potential to benefit when the market turns upward.

### Dividing your portfolio

One strategy that may help address sequencing risk is to allocate your portfolio into three different buckets that reflect the needs, risk level, and growth potential of three retirement phases.

**Short-term (first 2 to 3 years):** Assets such as cash and cash alternatives that you could draw on regardless of market conditions.

**Mid-term (3 to 10 years in the future):** Mostly fixed-income securities that may have moderate growth potential with low or moderate volatility. You might also have some equities in this bucket.

**Long-term (more than 10 years in the future):** Primarily growth-oriented investments such as stocks that might be more volatile but have higher growth potential over the long term.

Throughout your retirement, you can periodically move assets from the long-term

bucket to the other two buckets so you continue to have short-term and mid-term funds available. This enables you to take a more strategic approach in choosing appropriate times to buy or sell assets. Although you will always need assets in the short-term bucket, you can monitor performance in your mid-term and long-term buckets and shift assets based on changing circumstances and longer-term market cycles.

If this strategy appeals to you, consider restructuring your portfolio before you retire so you can choose appropriate times to adjust your investments.

### Determining withdrawals

The three-part allocation strategy may help mitigate the effects of a down market by spreading risk over a longer period of time, but it does not help determine how much to withdraw from your savings each year. The amount you withdraw will directly affect how long your savings might last under any market conditions, but it is especially critical in volatile markets.

One common rule of thumb is the so-called 4% rule. According to this strategy, you initially withdraw 4% of your portfolio, increasing the amount annually to account for inflation. Some experts consider this approach to be too aggressive--you might withdraw less depending on your personal situation and market performance, or more if you receive large market gains.

Another strategy, sometimes called the endowment method, automatically adjusts for market performance. Like the 4% rule, the endowment method begins with an initial withdrawal of a fixed percentage, typically 3% to 5%. In subsequent years, the same fixed percentage is applied to the remaining assets, so the actual withdrawal amount may go up or down depending on previous withdrawals and market performance.

A modified endowment method applies a ceiling and/or a floor to the change in your withdrawal amount. You still base your withdrawals on a fixed percentage of the remaining assets, but you limit any increase or decrease from the prior year's withdrawal amount. This could help prevent you from withdrawing too much after a good market year, while maintaining a relatively steady income after a down market year.

**Note:** Asset allocation is a method used to help manage investment risk; it does not guarantee a profit or protect against investment loss.

<sup>1</sup> Employee Benefit Research Institute, "2016 Retirement Confidence Survey"



**You may be able to improve your financial situation by implementing certain debt payoff strategies that can reduce the time you make payments and the total interest you pay. Before starting any debt payoff strategy (or combination of strategies), be sure you understand the terms of your debts, including any prepayment penalties.**

**Note: All examples are hypothetical and used for illustrative purposes only. Fixed interest rates and payment terms are shown, but actual interest rates and payment terms may change over time.**

## Debt Optimization Strategies

As part of improving your financial situation, you might consider reducing your debt load. A number of strategies can be used to pay off debt. However, before starting any debt payoff strategy (or combination of strategies), be sure you understand the terms of your debts, including interest rates, terms of payment, and any prepayment or other penalties.

### Understand minimum payments (a starting point)

You are generally required to make minimum payments on your debts, based on factors set by the lender. Failure to make the minimum payments can result in penalties, increased interest rates, and default. If you make only the minimum payments, it may take a long time to pay off the debt, and you may have to pay large amounts of interest over the life of the loan. This is especially true of credit card debt.

Your credit card statement will indicate the amount of your current monthly minimum payment. To find the factors used in calculating the minimum payment amount each month, you need to review terms in your credit card contract. These terms can change over time.

For credit cards, the minimum payment is usually equal to the greater of a minimum percentage multiplied by the card's balance (plus interest on the balance, in some cases) or a base minimum amount (such as \$15). For example, assume you have a credit card with a current balance of \$2,000, an interest rate of 18%, a minimum percentage of 2% plus interest, and a base minimum amount of \$15. The initial minimum payment required would be \$70 [greater of  $(\$2,000 \times 2\%) + (\$2,000 \times (18\% / 12))$  or \$15]. If you made only the minimum payments (as recalculated each month), it would take you 114 months (almost 10 years) to pay off the debt, and you would pay total interest of \$1,314.

For other types of loans, the minimum payment is generally the same as the regular monthly payment.

### Make additional payments

Making payments in addition to your regular or minimum payments can reduce the time it takes to pay off your debt and the total interest paid. The additional payments could be made periodically, such as monthly, quarterly, or annually.

For example, if you made monthly payments of \$100 on the credit card debt in the previous example (the initial minimum payment was \$70), it would take you only 24 months to pay

off the debt, and you would pay total interest of just \$396.

As another example, let's assume you have a current mortgage balance of \$100,000. The interest rate is 5%, the monthly payment is \$791, and you have a remaining term of 15 years. If you make regular payments, you will pay total interest of \$42,343. However, if you pay an additional \$200 each month, it will take you only 11 years to pay off the debt, and you will pay total interest of just \$30,022.

Another strategy is to pay one-half of your regular monthly mortgage payment every two weeks. By the end of the year, you will have made 26 payments of one-half the monthly amount, or essentially 13 monthly payments. In other words, you will have made an extra monthly payment for the year. As a result, you will reduce the time payments must be made and the total interest paid.

### Pay off highest interest rate debts first

One way to potentially optimize payment of your debt is to first make the minimum payments required for each debt, and then allocate any remaining dollars to the debts with the highest interest rates.

For example, let's assume you have two debts, you owe \$10,000 on each, and each has a monthly payment of \$200. The interest rate for one debt is 8%; the interest rate for the other is 18%. If you make regular payments, it will take 94 months until both debts are paid off, and you will pay total interest of \$10,827. However, if you make monthly payments of \$600, with the extra \$200 paying off the debt with an 18% interest rate first, it will take only 41 months to pay off the debts, and you will pay total interest of just \$4,457.

### Use a debt consolidation loan

If you have multiple debts with high interest rates, it may be possible to pay off those debts with a debt consolidation loan. Typically, this will be a home equity loan with a much lower interest rate than the rates on the debts being consolidated. Furthermore, if you itemize deductions, interest paid on home equity debt of up to \$100,000 is generally deductible for income tax purposes, thus reducing the effective interest rate on the debt consolidation loan even further. However, a home equity loan potentially puts your home at risk because it serves as collateral, and the lender could foreclose if you fail to repay. There also may be closing costs and other charges associated with the loan.

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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](http://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.



## What do I need to know about home sharing sites like Airbnb?

Home sharing sites like Airbnb are online services through which someone offers to rent their home or a portion of their home. Airbnb listings are popular lodging options for travelers on a budget as well as property owners seeking extra income. But before you decide to be a guest in someone's home or open your door to strangers as the host, there are some things to consider.

An Airbnb listing may be an affordable option if you want to cut lodging costs, but it could mean you have to do more research before your trip than you might for more conventional accommodations. Be specific when conducting your initial search and narrow down locations according to your budget, number of guests, length of stay, and space requirements. This will help you find a match that best suits your needs. Check the ratings and reviews carefully to determine whether the location and property work for you. Think about researching neighborhoods outside of reviews--you can't always trust their accuracy, and you want to be sure you're staying in a place that meets your expectations.

Once you have a few viable options, contact your prospective hosts with any questions you might have.

During your search, be wary of scams. Make sure you're booking via a legitimate Airbnb service with verifications that you're dealing with real hosts. By using caution and common sense in the booking process, you might save yourself some trouble down the road.

If you want to rent out your property as an Airbnb host, the first thing you should do is check with your landlord or homeowners association (if applicable). It's important to know any rules that might affect you. Next, consider the costs of hosting. Can you afford to provide clean linens, towels, and other amenities to your guests? Are you able to keep up with cleaning and maintenance of your property? Are you prepared to pay possible hosting fees to your booking service? Do you have appropriate insurance coverage, or will you need to purchase more?

Don't forget that renting out your property may have tax consequences. Talk to a tax professional to learn specific details.