

Building Capital

FinArc Investments Newsletter

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For readers with children entering adulthood and possibly leaving home, now is a good time to ensure that medical privacy laws have been appropriately addressed. Imagine that your daughter has left for college and has a medical emergency. You call the hospital in a panic to get answers, but are told "I cannot give you that information." Adults, which your daughter has legally become recently, need certain documents in place when they turn 18 to avoid this scenario. If you have not already, you should consult your attorney to draft HIPAA authorizations and a healthcare proxy for your child (and yourself for that matter). If you would like an introduction to an attorney for help, please let us know.

We hope this advice and that in the following articles is of value to you and other people you care about. Remember, don't keep us a secret. Your friends at FinArc Investments wish you a very happy summer.

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Investors Are Human, Too

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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



It might not always be possible to follow some common financial wisdom.

Note: All investing involves risk, including the possible loss of principal, and there can be no assurance that any investment strategy will be successful.

Common Financial Wisdom: Theory vs. Practice

In the financial world, there are a lot of rules about what you *should* be doing. In theory, they sound reasonable. But in practice, it may not be easy, or even possible, to follow them. Let's look at some common financial maxims and why it can be hard to implement them.

Build an emergency fund worth three to six months of living expenses

Wisdom: Set aside at least three to six months worth of living expenses in an emergency savings account so your overall financial health doesn't take a hit when an unexpected need arises.

Problem: While you're trying to save, other needs--both emergencies and non-emergencies--come up that may prevent you from adding to your emergency fund and even cause you to dip into it, resulting in an even greater shortfall. Getting back on track might require many months or years of dedicated contributions, leading you to decrease or possibly stop your contributions to other important goals such as college, retirement, or a down payment on a house.

One solution: Don't put your overall financial life completely on hold trying to hit the high end of the three to six months target. By all means create an emergency fund, but if after a year or two of diligent saving you've amassed only two or three months of reserves, consider that a good base and contribute to your long-term financial health instead, adding small amounts to your emergency fund when possible. Of course, it depends on your own situation. For example, if you're a business owner in a volatile industry, you may need as much as a year's worth of savings to carry you through uncertain times.

Start saving for retirement in your 20s

Wisdom: Start saving for retirement when you're young because time is one of the best advantages when it comes to amassing a nest egg. This is the result of compounding, which is when your retirement contributions earn investment returns, and then those returns produce earnings themselves. Over time, the process can snowball.

Problem: How many 20-somethings have the financial wherewithal to save earnestly for retirement? Student debt is at record levels, and young adults typically need to budget for rent, food, transportation, monthly utilities, and cell phone bills, all while trying to contribute to an emergency fund and a down payment fund.

One solution: Track your monthly income and expenses on a regular basis to see where your money is going. Establish a budget and try to

live within your means, or better yet *below* your means. Then focus on putting money aside in your workplace retirement plan. Start by contributing a small percentage of your pay, say 3%, to get into the retirement savings habit. Once you've adjusted to a lower take-home amount in your paycheck (you may not even notice the difference!), consider upping your contribution little by little, such as once a year or whenever you get a raise.

Start saving for college as soon as your child is born

Wisdom: Benjamin Franklin famously said there is nothing certain in life except death and taxes. To this, parents might add college costs that increase every year without fail, no matter what the overall economy is doing. As a result, new parents are often advised to start saving for college right away.

Problem: New parents often face many other financial burdens that come with having a baby; for example, increased medical expenses, baby-related costs, day-care costs, and a reduction in household income as a result of one parent possibly cutting back on work or leaving the workforce altogether.

One solution: Open a savings account and set up automatic monthly contributions in a small, manageable amount--for example, \$25 or \$50 per month--and add to it when you can. When grandparents and extended family ask what they can give your child for birthdays and holidays, you'll have a suggestion.

Subtract your age from 100 to determine your stock percentage

Wisdom: Subtract your age from 100 to determine the percentage of your portfolio that should be in stocks. For example, a 45-year-old would have 55% of his or her portfolio in stocks, with the remainder in bonds and cash.

Problem: A one-size-fits-all rule may not be appropriate for everyone. On the one hand, today's longer life expectancies make a case for holding even more stocks in your portfolio for their growth potential, and subtracting your age from, say, 120. On the other hand, considering the risks associated with stocks, some investors may not feel comfortable subtracting their age even from 80 to determine the percentage of stocks.

One solution: Focus on your own tolerance for risk while also being mindful of inflation. Consider looking at the historical performance of different asset classes. Can you sleep at night with the investments you've chosen? Your own peace of mind trumps any financial rule.



Americans on the move

Americans are picking up and moving again as the recession fades, personal finances improve, and housing markets recover. Counties in Florida, Nevada, and Arizona had larger influxes of people, while some counties in Illinois, Virginia, New York, and California saw more people moving out. (Source: The Pew Charitable Trusts, *Americans Are on the Move--Again*, June 25, 2015, www.pewtrusts.org)

Cost of Living: Where You Live Can Affect How Rich You Feel

Do you find yourself treading water financially even with a relatively healthy household income? Even with your new higher-paying job and your spouse's promotion, do you still find it difficult to get ahead, despite carefully counting your pennies? Does your friend or relative halfway across the country have a better quality of life on less income? If so, the cost of living might be to blame.

The cost of living refers to the cost of various items necessary in everyday life. It includes things like housing, transportation, food, utilities, health care, and taxes.

Single or family of six?

Singles, couples, and families typically have many of the same expenses--for example, everyone needs shelter, food, and clothing--but families with children typically pay more in each category and have the added expenses of child care and college. The Economic Policy Institute (epi.org) has a family budget calculator that lets you enter your household size (up to two adults and four children) along with your Zip code to see how much you would need to earn to have an "adequate but modest" standard of living in that geographic area.

What areas have the highest cost of living? It's no secret that the East and West Coasts have some of the highest costs. According to the Council for Community and Economic Research, the 10 most expensive U.S. urban areas to live in Q3 2015 were:

Rank	Location
1	New York, New York
2	Honolulu, Hawaii
3	San Francisco, California
4	Brooklyn, New York
5	Orange County, California
6	Oakland, California
7	Metro Washington D.C./Virginia
8	San Diego, California
9	Hilo, Hawaii
10	Stamford, Connecticut

Factors that influence the cost of living

Let's look in more detail at some of the common factors that make up the cost of living.

Housing. When an area is described as having "a high cost of living," it usually means housing costs. Looking to relocate to Silicon Valley from the Midwest? You better hope for a big raise; the mortgage you're paying now on your

modest three-bedroom home might get you a walk-in closet in this technology hub, where prices last spring climbed to a record-high \$905,000 in Santa Clara County, \$1,194,500 in San Mateo County, and \$690,000 in Alameda County. (Source: *San Jose Mercury News*, *Silicon Valley Home Prices Hit Record Highs*, Again, May 21, 2015)

Related to housing affordability is student loan debt. Student debt--both for young adults and those in their 30s, 40s, and 50s who either took out their own loans, or co-signed or borrowed on behalf of their children--is increasingly affecting housing choices and living situations. For some borrowers, monthly student loan payments can approximate a second mortgage.

Transportation. Do you have access to reliable public transportation or do you need a car? Younger adults often favor public transportation and supplement with ride-sharing services like Uber, Lyft, and Zipcar. But for others, a car (or two or three), along with the cost of gas and maintenance, is a necessity. How far is your work commute? Do you drive 100 miles round trip each day or do you telecommute? Having to buy a new (or used) car every few years can significantly impact your bottom line.

Utilities. The cost of utilities can vary by location, weather, usage, and infrastructure. For example, residents of colder climates might find it more expensive to heat their homes in the winter than residents of warmer climates do cooling their homes in the summer.

Taxes. Your tax bite will vary by state. Seven states have no income tax--Alaska, Florida, Nevada, South Dakota, Texas, Washington, and Wyoming. In addition, property taxes and sales taxes can vary significantly by state and even by county, and states have different rules for taxing Social Security and pension income.

Miscellaneous. If you have children, other things that can affect your bottom line are the costs of child care, extracurricular activities, and tuition at your flagship state university.

To move or not to move

Remember The Clash song "Should I Stay or Should I Go?" Well, there's no question your money will go further in some places than in others. If you're thinking of moving to a new location, cost-of-living information can make your decision more grounded in financial reality.

There are several online cost-of-living calculators that let you compare your current location to a new location. The U.S. State Department has compiled a list of resources on its website at state.gov.

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Should I pay off my student loans early or contribute to my workplace 401(k)?

For young adults with college debt, deciding whether to pay off student loans early or contribute to a 401(k) can be tough. It's a financial tug-of-war between digging out from debt today and saving for the future, both of which are very important goals. Unfortunately, this dilemma affects many people in the workplace today. According to a student debt [report](#) by The Institute for College Access and Success, nearly 70% of college grads in the class of 2014 had student debt, and their average debt was nearly \$29,000. This equates to a monthly payment of \$294, assuming a 4% interest rate and a standard 10-year repayment term.

Let's assume you have a \$300 monthly student loan payment. You have to pay it each month—that's non-negotiable. But should you pay more toward your loans each month to pay them off faster? Or should you contribute any extra funds to your 401(k)? The answer boils down to how your money can best be put to work for you.

The first question you should ask is whether your employer offers a 401(k) match. If yes, you

shouldn't leave this free money on the table. For example, let's assume your employer matches \$1 for every dollar you save in your 401(k), up to 6% of your pay. If you make \$50,000 a year, 6% of your pay is \$3,000. So at a minimum, you should consider contributing \$3,000 per year to your 401(k)—or \$250 per month—to get the full \$3,000 match. That's potentially a 100% return on your investment.

Even if your employer doesn't offer a 401(k) match, it can still be a good idea to contribute to your 401(k). When you make extra payments on a specific debt, you are essentially earning a return equal to the interest rate on that debt. If the interest rate on your student loans is relatively low, the potential long-term returns earned on your 401(k) may outweigh the benefits of shaving a year or two off your student loans. In addition, young adults have time on their side when saving for retirement, so the long-term growth potential of even small investment amounts can make contributing to your 401(k) a smart financial move.

All investing involves risk, including the possible loss of principal, and there can be no guarantee that any investing strategy will be successful.



Can I make charitable contributions from my IRA in 2016?

Yes, if you qualify. The law authorizing qualified charitable distributions, or QCDs, has recently been made

permanent by the Protecting Americans from Tax Hikes (PATH) Act of 2015.

You simply instruct your IRA trustee to make a distribution directly from your IRA (other than a SEP or SIMPLE) to a qualified charity. You must be 70½ or older, and the distribution must be one that would otherwise be taxable to you. You can exclude up to \$100,000 of QCDs from your gross income in 2016. And if you file a joint return, your spouse (if 70½ or older) can exclude an additional \$100,000 of QCDs. But you can't also deduct these QCDs as a charitable contribution on your federal income tax return—that would be double dipping.

QCDs count toward satisfying any required minimum distributions (RMDs) that you would otherwise have to take from your IRA in 2016, just as if you had received an actual distribution from the plan. However, distributions (including RMDs) that you actually receive from your IRA and subsequently transfer to a charity cannot qualify as QCDs.

For example, assume that your RMD for 2016 is \$25,000. In June 2016, you make a \$15,000 QCD to Qualified Charity A. You exclude the \$15,000 QCD from your 2016 gross income. Your \$15,000 QCD satisfies \$15,000 of your \$25,000 RMD. You'll need to withdraw another \$10,000 (or make an additional QCD) by December 31, 2016, to avoid a penalty.

You could instead take a distribution from your IRA and then donate the proceeds to a charity yourself, but this would be a bit more cumbersome and possibly more expensive. You'd include the distribution in gross income and then take a corresponding income tax deduction for the charitable contribution. But the additional tax from the distribution may be more than the charitable deduction due to IRS limits. QCDs avoid all this by providing an exclusion from income for the amount paid directly from your IRA to the charity—you don't report the IRA distribution in your gross income, and you don't take a deduction for the QCD. The exclusion from gross income for QCDs also provides a tax-effective way for taxpayers who don't itemize deductions to make charitable contributions.