



BODNAR FINANCIAL ADVISORS INC

Client Quarterly Newsletter

Correlation and Portfolio Performance



Different types of investments are subject to different types of risk. On days when you notice that stock prices have fallen, for example, it would not be unusual to see a rally in the bond market.

Asset allocation refers to how an investor's portfolio is divided among asset classes, which tend to perform differently under different market conditions. An appropriate mix of investments typically depends on the investor's age, risk tolerance, and financial goals.

The concept of correlation often plays a role in constructing a well-diversified portfolio that strikes a balance between risk and return.

Math that matters

In the financial world, correlation is a statistical measure of how two securities perform relative to each other. Securities that are positively correlated will have prices that tend to move in the same direction. Securities that are negatively correlated will have prices that move in the opposite direction.

A correlation coefficient, which is calculated using historical returns, measures the degree of correlation between two investments. A correlation of +1 represents a perfectly positive correlation, which means the investments always move together, in the same direction, and at a consistent scale. A correlation of -1 means they have a perfectly negative correlation and will always move opposite one another. A correlation of zero means that the two investments are not correlated; the relationship between them is random.

In reality, perfectly positive correlation is rare, because distinct investments can be affected differently by the same conditions, even if they are similar securities in the same sector.

Correlations can change

While some types of securities exhibit general trends of correlation over time, it's not uncommon for correlations to vary over shorter periods. In times of market volatility, for example, asset prices were more likely to be

driven by common market shocks than by their respective underlying fundamentals.

During the flight to quality sparked by the financial crisis of 2008, riskier assets across a number of different classes exhibited unusually high correlation. As a result, correlations among some major asset classes have been more elevated than they were before the crisis. There has also been a rise in correlation between different financial markets in the global economy.¹ For example, the correlation coefficient for U.S. stocks (represented by the S&P Composite Total Return index) and foreign stocks (represented by the MSCI EAFE GTR index) increased from 0.75 over the last 25 years to 0.89 over the last 10 years.²

Over the long run, a combination of investments that are loosely correlated may provide greater diversification, help manage portfolio risk, and smooth out investment returns. Tighter relationships among asset classes over the last decade may be a good reason for some investors to reassess their portfolio allocations. However, it's important to keep in mind that correlations may continue to fluctuate over time because of changing economic and market environments.

The performance of an unmanaged index is not indicative of the performance of any particular investment. Individuals cannot invest directly in an index. Past performance is no guarantee of future results. All investing involves risk, including the possible loss of principal. Asset allocation and diversification strategies do not guarantee a profit or protect against investment loss; they are methods used to help manage investment risk.

Investing internationally carries additional risks such as differences in financial reporting, currency exchange risk, as well as economic and political risk unique to the specific country. This may result in greater share price volatility. When sold, investments may be worth more or less than their original cost.

¹ International Monetary Fund, 2015

² Thomson Reuters, 2015, for the period 12/31/1989 to 12/31/2014

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The Holiday Season is approaching again, which means it's time to relax and reflect on time well spent with family and loved ones. However, there are a few responsibilities to keep in mind as the year comes to a close.

For some, that means calling the office about tax-loss selling, or making absolutely SURE you took your required minimum distribution (RMD) out of your IRA to avoid the penalty.

If you can't stand the thought of buying your children or grandchildren yet another stuffed animal or action figure for Christmas, consider opening a 529 Plan instead. If you are planning to brave the stores on Black Friday, be sure to read the article about liability and unauthorized purchases on your debit card.

But most importantly, enjoy the moment and the company of those you care about. The best gifts this time of year don't cost anything at all. :)

WINTER 2015

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2015 Year-End Tax Planning Basics

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2015 Year-End Tax Planning Basics



AMT "triggers"

You're more likely to be subject to the AMT if you claim a large number of personal exemptions, deductible medical expenses, state and local taxes, and miscellaneous itemized deductions. Other common triggers include home equity loan interest when proceeds aren't used to buy, build, or improve your home; and the exercise of incentive stock options.

Required minimum distributions

Once you reach age 70½, you generally must start taking required minimum distributions (RMDs) from traditional IRAs and employer-sponsored retirement plans (an exception may apply if you're still working and participating in an employer-sponsored plan). Take any distributions by the date required--the end of the year for most individuals. The penalty for failing to do so is substantial: 50% of the amount that should have been distributed.

As the end of the 2015 tax year approaches, set aside some time to evaluate your situation and consider potential opportunities. Effective year-end planning depends on a good understanding of both your current circumstances and how those circumstances might change next year.

Basic strategies

Consider whether there's an opportunity to defer income to 2016. For example, you might be able to defer a year-end bonus or delay the collection of business debts, rents, and payments for services. When you defer income to 2016, you postpone payment of the tax on that income. And if there's a chance that you might be paying taxes at a lower rate next year (for example, if you know that you'll have less taxable income next year), deferring income might mean paying *less* tax on the deferred income.

You should also look for potential ways to accelerate 2016 deductions into the 2015 tax year. If you typically itemize deductions on Schedule A of Form 1040, you might be able to accelerate some deductible expenses--such as medical expenses, qualifying interest, or state and local taxes--by making payments before the end of the current year, instead of paying them in early 2016. Or you might consider making next year's charitable contribution this year instead. If you think you'll be itemizing deductions in one year but claiming the standard deduction in the other, trying to defer (or accelerate) Schedule A deductions into the year for which you'll be itemizing deductions might let you take advantage of deductions that would otherwise be lost.

Depending on your circumstances, you might also consider taking the opposite approach. For example, if you think that you'll be paying taxes at a higher rate next year (maybe as the result of a recent compensation increase or the planned sale of assets), you might want to look for ways to accelerate income into 2015 and possibly defer deductions until 2016 (when they could potentially be more valuable).

Complicating factors

First, you need to factor in the alternative minimum tax (AMT). The AMT is essentially a separate, parallel federal income tax system with its own rates and rules. If you're subject to the AMT, traditional year-end strategies may be ineffective or actually have negative consequences--that's because the AMT effectively disallows a number of itemized deductions. So if you're subject to the AMT in 2015, prepaying 2016 state and local taxes

probably won't help your 2015 tax situation, and, in fact, could hurt your 2016 bottom line.

It's also important to recognize that personal and dependency exemptions may be phased out and itemized deductions may be limited once your adjusted gross income (AGI) reaches a certain level. This is especially important to factor in if your AGI is approaching the threshold limit and you're evaluating whether to accelerate or defer income or itemized deductions. For 2015, the AGI threshold is \$258,250 if you file as single, \$309,900 if married filing jointly, \$154,950 if married filing separately, and \$284,050 if head of household.

IRA and retirement plan contributions

Deductible contributions to a traditional IRA and pretax contributions to an employer-sponsored retirement plan such as a 401(k) could reduce your 2015 taxable income. (Note: A number of factors determine whether you're eligible to deduct contributions to a traditional IRA.) Contributions to a Roth IRA (assuming you meet the income requirements) or a Roth 401(k) plan are made with after-tax dollars--so there's no immediate tax savings--but qualified distributions are completely free of federal income tax.

For 2015, you're generally able to contribute up to \$18,000 to a 401(k) plan (\$24,000 if you're age 50 or older) and up to \$5,500 to a traditional or Roth IRA (\$6,500 if you're age 50 or older). The window to make 2015 contributions to an employer plan generally closes at the end of the year, while you typically have until the due date of your federal income tax return to make 2015 IRA contributions.

Important notes

The Supreme Court has legalized same-sex marriage nationwide, significantly simplifying the federal and state income tax filing requirements for same-sex married couples living in states that did not previously recognize their marriage.

A host of popular tax provisions (commonly referred to as "tax extenders") expired at the end of 2014. Although it is possible that some or all of these provisions will be retroactively extended, currently they are not available for the 2015 tax year. Among the provisions: deducting state and local sales taxes in lieu of state and local income taxes; the above-the-line deduction for qualified higher-education expenses; qualified charitable distributions (QCDs) from IRAs; and increased business expense and "bonus" depreciation rules.





529 plan assets surpass \$230 billion

Assets in 529 college savings plans reached \$231.9 billion in the first quarter of 2015, a 10.1% increase over the first quarter of 2014. (Source: Strategic Insight, 2015)

Note: Investors should consider the investment objectives, risks, charges, and expenses associated with 529 plans before investing. More information about 529 plans is available in each issuer's official statement, which should be read carefully before investing. Also consider whether your state offers a 529 plan that provides residents with favorable state tax benefits. As with other investments, there are generally fees and expenses associated with participation in a 529 savings plan. There is also the risk that the investments may lose money or not perform well enough to cover college costs as anticipated.

Frequently Asked Questions on Opening a 529 Plan Account

529 plans are savings vehicles tailor-made for college. Anyone can open an account, lifetime contribution limits are typically over \$300,000, and 529 plans offer federal and sometimes state tax benefits if certain conditions are met. Here are some common questions on opening an account.

Can I open an account in any state's 529 plan or am I limited to my own state's plan?

Answer: It depends on the type of 529 plan. There are two types of 529 plans: college savings plans and prepaid tuition plans. With a college savings plan, you open an individual investment account and direct your contributions to one or more of the plan's investment portfolios. With a prepaid tuition plan, you purchase education credits at today's prices and redeem them in the future for college tuition. Forty-nine states (all but Wyoming) offer one or more college savings plans, but only a few states offer prepaid tuition plans.

529 college savings plans are typically available to residents of any state, and funds can be used at any accredited college in the United States or abroad. But 529 prepaid tuition plans are typically limited to state residents and apply to in-state public colleges.

Why might you decide to open an account in another state's 529 college savings plan? The other plan might offer better investment options, lower management fees, a better investment track record, or better customer service. If you decide to go this route, keep in mind that some states may limit certain 529 plan tax benefits, such as a state income tax deduction for contributions, to residents who join the in-state plan.

Is there an age limit on who can be a beneficiary of a 529 account?

Answer: There is no beneficiary age limit specified in Section 529 of the Internal Revenue Code, but some states may impose one. You'll need to check the rules of each plan you're considering. Also, some states may require that the account be in place for a specified minimum length of time before funds can be withdrawn. This is important if you expect to make withdrawals quickly because the beneficiary is close to college age.

Can more than one 529 account be opened for the same child?

Answer: Yes. You (or anyone else) can open multiple 529 accounts for the same beneficiary, as long as you do so under different 529 plans

(college savings plan or prepaid tuition plan). For example, you could open a college savings plan account with State A and State B for the same beneficiary, or you could open a college savings plan account and a prepaid tuition plan account with State A for the same beneficiary. But you can't open two college savings plan accounts in State A for the same beneficiary.

Also keep in mind that if you do open multiple 529 accounts for the same beneficiary, each plan has its own lifetime contribution limit, and contributions can't be made after the limit is reached. Some states consider the accounts in other states to determine whether the limit has been reached. For these states, the total balance of all plans (in all states) cannot exceed the maximum lifetime contribution limit.

Can I open a 529 account in anticipation of my future grandchild?

Answer: Technically, no, because the beneficiary must have a Social Security number. But you can do so in a roundabout way. First, you'll need to open an account and name as the beneficiary a family member who will be related to your future grandchild. Then when your grandchild is born, you (the account owner) can change the beneficiary to your grandchild. Check the details carefully of any plan you're considering because some plans may impose age restrictions on the beneficiary, such as being under age 21. This may pose a problem if you plan to name your adult son or daughter as the initial beneficiary.

What happens if I open a 529 plan in one state and then move to another state?

Answer: Essentially, nothing happens if you have a college savings plan. But most prepaid tuition plans require that either the account owner or the beneficiary be a resident of the state operating the plan. So if you move to another state, you may have to cash in the prepaid tuition plan.

If you have a college savings plan, you can simply leave the account open and keep contributing to it. Alternatively, you can switch 529 plans by rolling over the assets from that plan to a new 529 plan. You can keep the same beneficiary when you do the rollover (under IRS rules, you're allowed one 529 plan same-beneficiary rollover once every 12 months), but check the details of each plan for any potential restrictions. If you decide to stay with your original 529 plan, just remember that your new state might limit any potential 529 plan tax benefits to residents who participate in the in-state plan.



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What is this new chip-card technology I've been hearing about in the news?

In recent years, data breaches at major retailers have increased across the United States. As a way to counteract these data breaches, many U.S. credit-card companies have started implementing a more secure chip-card technology called EMV (which is short for Europay, Mastercard, and Visa).

Currently, most retailers use the magnetic strips on the back of your debit or credit card to access your account information. Unfortunately, the information contained in the magnetic strips is easily accessed by hackers. In addition, the magnetic strips use the same account information for every transaction. So once your card information is stolen, it can be used over and over again.

With the new EMV technology, debit cards and credit cards are embedded with a computer chip that generates a unique authentication code for each transaction. So if your card information is ever hacked, it can't be used again--it's a "one-and-done" scenario.

While many developed nations moved to EMV technology years ago, U.S. retailers have previously been unwilling to shoulder the costs.

Fortunately, there is good news for U.S. consumers on the horizon.

Beginning in 2015, many large retailers will switch to the new EMV technology by installing payment terminals designed to read the new chip-embedded payment cards. It may take additional time, however, for smaller retailers to adopt this latest technology.

Along with EMV, even more advanced encryption technology is being developed that will increase security for online transactions and payments made with smartphones. In fact, new mobile payment options like Apple Pay and Google Wallet could eventually make paying with plastic entirely obsolete.

In the meantime, in the wake of these data breaches, you should make it a priority to periodically review your credit-card and bank account activity for suspicious charges. If you typically wait for your monthly statements to arrive in the mail, consider signing up for online access to your accounts--that way you can monitor your accounts as often as needed.



Am I liable for unauthorized transactions on my debit card?

It depends. Federal law provides consumers with protection against most unauthorized credit- and debit-card transactions.

Under federal law, consumer liability for unauthorized credit-card transactions is limited to \$50. However, many banks and credit-card companies offer even more protection for credit cards in the form of "zero liability" for unauthorized transactions.

For unauthorized debit, rather than credit, transactions, the rules get a bit trickier. For the most part, you won't be held responsible for any unauthorized debit-card withdrawals if you report the lost card before it's used. Otherwise, the extent of your liability depends on how quickly you report your lost card. If you report your lost debit card within two business days after you notice your card is missing, you'll be held liable for up to \$50 of unauthorized withdrawals. If you fail to report your lost debit card within two days after you notice your card is missing, you can be held responsible for up to \$500 of unauthorized withdrawals. And if you fail to report an unauthorized transfer or

withdrawal that's posted on your bank statement within 60 days after the statement is mailed to you, you risk unlimited liability.

The good news is that some banks and credit-card companies are offering the same "zero liability" protection to debit-card users that they offer to their credit-card users. This zero liability protection, however, does come with exceptions. In order to have zero liability for unauthorized debit-card transactions, consumers may be required to report the loss of their card "promptly" (typically, no more than two days after they learn of the card loss or theft). In addition, a consumer may need to exercise "reasonable care" to safeguard his or her debit-card information. For example, an individual who gives someone else his or her debit card and PIN could be held responsible for any unauthorized transactions.

It's important to remember that, unlike credit cards, debit cards directly link to your financial accounts. As a result, you should act quickly and call your bank or credit-card company as soon as you learn of any unauthorized transactions on your account.

