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U C C E S S

A 3-Step Asset Allocation Plan

Perhaps the most important move you can make for your investments is to properly diversify your portfolio. By investing in a mix of stocks, bonds, and cash, you'll reduce the risk of a significant loss.

How you combine your diverse mix of investments is called your asset allocation. Asset allocation is a highly individual determination that's based on your risk tolerance, financial goals, and age. Asset allocation will spread out your investments among a mix of three types:

- ✓ **Stocks** — Stocks tend to be the riskiest investment. However, while they have the highest potential for loss, they also offer the greatest potential for gain.
- ✓ **Bonds** — Bonds tend to be less risky than stocks but more risky than cash equivalents.
- ✓ **Cash** — Cash equivalents, such as savings account, certificates of deposit, and money market accounts, typically offer the lowest risk and the lowest potential returns.

The benefits of allocating your assets across the three types of investments include:

- ✓ Proper asset allocation diversifies your portfolio among the

three types of investments, reducing your risk.

- ✓ Allocating your assets between the three types allows you to tailor your portfolio to your specific goals.
- ✓ You can help manage the level of risk and volatility of your returns.

Considerations

To properly allocate your investments across stocks, bonds, and cash, consider this three-step approach to asset allocation:

Step 1: Be honest about your level of risk tolerance.

Some people think that investing in a relatively unknown start-up company with a great idea is a sound investment, while others prefer to stick with stable companies with household names. In other words, risk tolerance varies.

If you don't mind the more dramatic ups and downs associated with higher-risk investments, you may see higher return potential.

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Periodically Review Beneficiaries

Many assets have beneficiary designations that dictate who receives the asset after your death. These selections typically override any provisions in your estate planning documents. Consider these points:

- ✓ **Select the most appropriate person as beneficiary for each asset.** First, list all your assets with beneficiaries, noting the owner, primary beneficiary, and contingent beneficiary. Then determine whether you have selected the appropriate person as beneficiary for each asset.
- ✓ **Indicate what percentage of the asset each beneficiary should receive.** Also, in the event a beneficiary dies before you, decide whether each beneficiary's share should be distributed to that person's heirs or divided among the remaining beneficiaries.
- ✓ **Assess whether beneficiaries are capable of managing the asset.** If not, you may want to set up a trust to control distribution.
- ✓ **Periodically review your beneficiaries to see whether changes are warranted.** A divorce, remarriage, spouse's death, or child's birth are all events that may require changes. You should also review your beneficiary choice if you make changes to your will. ○○○

3-Step Asset

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But if you can't stand the thought of putting your hard-earned money in an untested company, you're probably better off sticking with relatively low-risk allocations, even though you may see more modest returns.

Step 2: Write down your financial goals.

What are your investments' purposes? Are you saving to buy your first home? Planning to send your children to college? Looking to retire early? Whatever your financial goals are, knowing them will help you determine how to allocate your assets to help you meet them.

Step 3: Consider your time horizon for meeting goals.

How much time do you have before you need your money for your goals? Is retirement a long-term goal, with 30 years to go? Or is it a short-term goal, with only five years to go? If you're just starting a career, do you have short-term goals, like buying a house, as well as intermediate-term goals, like sending your children to college?

There's no consensus on exactly how much of your portfolio should be in any of the three investment categories at any time. However, broadly speaking, the farther away in time you are from your financial goals, the more aggressively you can be invested.

If your financial goal is retirement, for example, and you're just starting out, you'll want to have a higher percentage of your assets invested in stocks and the lowest percentage in cash. As you near retirement, though, you'll want to reallocate your assets more conservatively.

Keep in mind that diversification does not guarantee investment returns and does not eliminate the risk of loss. Please call so we can help you allocate your assets given your unique situation. ○○○

10 Common Investor Mistakes

Here are 10 of the most common mistakes that individual investors make while trying to do the best they can:

✓ **Falling in love with a stock.**

There are a host of reasons for this, among them that we or a relative worked for the company, we inherited it, we like being associated with the company's prestige, or simply that it's been a steady performer. The problem is, however, that the stock won't fall in love with us and won't think twice about losing half or more of its value.

✓ **Catching a falling knife.**

When a high-flying stock goes bad, it drops fast and hard. But when this happens, there are thousands of investors who think it's a steal and buy shares when they see it bounce. What they often learn is that the stock price has a lot farther to fall before finally coming to rest.

✓ **Investing on tips.** The problem with tips is that the average investor hears them after just about everyone else already has.

As a result, we buy the stock at its highest price.

✓ **Chasing performance.** For many people, stocks only become attractive after they've gone so high and so long that they've reached the end of their run.

✓ **Failing to diversify.** The best way to get rich in the stock market is to put all your money into one stock. But it only works if the stock goes to the moon. If it goes in the opposite direction, this is also the best way to become poor. It's smartest to spread out your risk as well as your chances of success by diversifying.

✓ **Thinking only short term.**

This is actually the opposite of investing. It's speculating. There are few part-timers who suc-

ceed at this game. The danger is that, just like changing lanes too many times in a traffic jam, you're just as likely to fall behind where you might have been had you just stayed where you were.

✓ **Playing penny stocks.** Inflation hit true penny stocks years ago. The strict definition is stocks priced less than \$5 a share, that have daily trading volume of less than 100,000 shares. Usually, the companies have net tangible assets of only a few million dollars and a short operating history. The odds of hitting it big with these are about the same as winning the lottery, if not worse. Owned mostly by individual investors and the founders of the company, penny stocks are notoriously volatile and risky.

✓ **Waiting to break even.** It's been said that more money has been lost by investors waiting to recoup their initial investment than for any other reason. Successful investors know when it's time to cut their losses and look for a better opportunity.

✓ **Being too conservative.** This syndrome is the opposite of most of the previous mistakes. In this case, investors are so afraid of losing money that they fail to put enough money in growth vehicles to stay ahead of inflation. As a result, the buying power of their portfolio declines year by year, courting the risk they'll have a lower standard of living the older they get.

✓ **Investing without a plan.**

This is another way of saying all of the above. Sound financial plans match your income, resources, and risk tolerance with an investment strategy that provides the discipline that can take emotions out of the equation. Please call if you'd like help developing an investment strategy.

Measuring an Investment's Risk

How has your portfolio performed compared to the major indexes? Has it experienced sharper or milder fluctuations? The answers to these questions will help you determine your portfolio's risk. Different measures of risk exist for stocks and bonds.

Stocks

Basically, stocks are subject to two types of risk — market risk and nonmarket risk. Nonmarket risk, also called specific risk, is the risk that events specific to a company or its industry will adversely affect the stock's price. For instance, a decrease in the price of oil would be expected to adversely affect the stock prices of the entire oil industry, while a major management change would only affect that company. Market risk, on the other hand, is the risk that a particular stock's price will be affected by overall stock market movements.

Nonmarket risk can be reduced through diversification. By owning several different stocks in different industries whose stock prices have shown little correlation to each other, you reduce the risk that nonmarket factors will adversely affect your total portfolio.

No matter how many stocks you own, you can't totally eliminate market risk. However, you can measure a stock's historical response to market movements and select those with a level of volatility you are comfortable with. Beta and standard deviation are two tools commonly used to measure stock risk.



Beta

Beta, which can be found in a number of published services, is a statistical measure of the impact stock market movements have historically had on a stock's price. By comparing the returns of the Standard & Poor's 500 (S&P 500) to a particular stock's returns, a pattern develops that indicates the stock's exposure to stock market risk.

The S&P 500 is an unmanaged index generally considered representative of the U.S. stock market and has a beta of 1. A stock with a beta of 1 means that, on average, it moves parallel with the S&P 500 — the stock should rise 10% when the S&P 500 rises 10% and decline 10% when the S&P 500 declines 10%. A beta greater than 1 indicates the stock should rise or fall to a greater extent than stock market movements, while a beta less than 1 means the stock should rise or fall to a lesser extent than the S&P 500. Since beta measures movements on average, you cannot expect an exact correlation with each market movement.

Calculating your portfolio's beta will give you a measure of its overall market risk. To do so, find the betas for all your stocks. Each beta is then multiplied by the percentage of your total portfolio that stocks represents (i.e., a stock with a beta of 1.2 that comprises 10% of your portfolio would have a weighted beta of 1.2 times 10% or .12). Add all the weighted betas together to arrive at your portfolio's overall beta.

Standard Deviation

Standard deviation, which can also be found in a number of published services, measures a stock's volatility, regardless of the cause. It basically tells you how much a stock's short-term returns have moved around its long-term average return. The most common way

to calculate standard deviation is to figure the deviation from an average monthly return over a three-, five-, or 10-year period and then annualize that number. Higher standard deviations represent more volatility. In statistical terms, 68% of the time, the stock's range of returns will fall within one standard deviation of the average return; 95% of the time, the stock's range of returns will fall within two standard deviations.

Consider this example. Assume you own a stock with an average return of 10.2% and a standard deviation of 15%. 68% of the time, you can expect your return to fall within a range of -4.8% to 25.2%; 95% of the time, you can expect your return to fall within a range of -19.8% to 40.2%. (This example is provided for illustrative purposes only and is not intended to project the performance of a specific investment.)

Bonds

Interest rates and bond prices move in opposite directions, which can significantly affect a bond's market value. However, it is often difficult to determine what impact a given interest rate change will have on a specific bond, since maturity date, credit ratings, coupon rate, and current interest rates all affect the result. Duration can be a helpful tool in estimating the expected impact of interest rate changes on your bond portfolio. Duration calculates how much a bond's price will move for every 1% change in interest rates. For instance, a bond with a duration of six years will experience a 6% decrease in value for every 1% increase in interest rates. A bond's duration is typically shorter than its maturity. You can set an overall target duration for your portfolio, so you'll have a reasonable estimate of how your bond portfolio will fluctuate with interest rate changes. ○○○

The Oh So Human Desire to Time the Market

Stock market declines can be stressful. A significant decline in the value of a retirement account can be incredibly stressful. The desire to avoid further loss, to halt the pain, is only natural. Over centuries, humans have evolved to react strongly to dangerous and stressful situations. This so-called “fight or flight” response triggers a cascade of stress hormones that produce well-orchestrated physiological changes. These changes can help us to flee to safety at a time of great risk, but these changes can also cause us to overreact to stressors that are not life-threatening.

Human emotions impact investment decisions, for individual investors and for the market as a whole. John Maynard Keynes, a famous English economist, once said that “greed and fear are among the animal spirits that profoundly affect economies and markets.” And more often than not, emotional investment decisions are counter-productive. Studies have shown that we feel the pain of loss much more deeply than the joy of a gain. Investors choose to take a risk only when the potential for gain is two or more times greater than the potential loss. Joe Nocera, a well-known business journalist, once said “most human beings lack the skill and emotional wherewithal to be good investors.” Despite his extensive financial knowledge, he put himself in this same category.

Retail investors often make emotional decisions, from selling stocks during downturns and piling into stocks when the market is hot (fear and greed), to chasing the latest trends or the prior year’s top performing funds (recency bias). So how are retail investors doing? According to Dalbar’s Quantitative Analysis of Investor Behavior, not very well. During the 20-year period ending December 31, 2021, a buy and hold “benchmark” representing 60% of the S&P 500 index and 40% of the Barclays U.S. Aggregate bond index, returned 7.4%/year. Yet the average asset allocation fund investor (your typical retail investor) has realized an average annual return less than half that — 3.6%/year.¹

The urge to buy or sell in order to “time the market” is almost irresistible. It looks so easy in hindsight, and the difference in investment returns can be very significant. However, we believe attempting to time the market is a fool’s errand. John Bogle, founder of the Vanguard Group of mutual funds, wrote of market timing: “After nearly 50 years in this business, I do not know of anybody who has done it successfully and consistently. I don’t even know of anybody who knows anybody who has done it successfully and consistently.”²

Not only is it impossible to consistently time the market, correctly doing so a majority of the time does not guarantee excess returns. University of Michigan professor H. Nejat Seyhun analyzed 7,802 trading days for the 31 years from 1963 to 1993 and concluded that just 90 days (approx. 1% of trading days) generated 95% of cumulative market gains. For this and other reasons, Nobel Laureate William Sharpe concluded that a market timer must be correct at least 74% of the time in order to outperform a steady portfolio at a comparable level of risk.³



William Bernstein, esteemed financial author and theorist, once said “there are two kinds of investors... those who don’t know where the market is headed, and those who don’t know that they don’t know. Then again, there is a third type of investor — the investment professional, who indeed knows that he or she doesn’t know, but whose livelihood depends upon appearing to know.” We agree with Mr. Bernstein, except that we will admit we don’t know where the market is headed. Therefore, our proactive approach to managing risk begins before the inevitable market downturns. We favor stocks that tend to fluctuate

less than the market as a whole (beta less than 1). We also favor individual bonds, which offer guaranteed returns so long as the issuer does not default and the bond is held to maturity. With these favored investments, we then tailor a diversified, long-term portfolio for each client. And other than some tactical shifts across asset categories, and perhaps some rebalancing, we generally stay invested. In our view, an investment plan that includes an appropriate allocation to equities provides the best opportunity to keep pace with or exceed inflation, and to achieve long-term financial goals.

Sincerely,

Steven Criscuolo
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Chief Financial Officer

¹JPMorgan Guide to the Markets, 5/31/22, slide 63

²The John C. Bogle Reader

³“Likely Gains from Market Timing,” Financial Analysts Journal, March/April, 1975

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The S&P 500 is an unmanaged index of 500 widely held stocks that is generally considered representative of the U.S. stock market. The Bloomberg Barclays US Aggregate Bond Index is a broad-based flagship benchmark that measures investment grade, US dollar-denominated, fixed-rate taxable bond market. Keep in mind that individuals cannot invest directly in any index, and index performance does not include transaction costs or other fees, which will affect actual investment performance. Individual investor’s results will vary. Past performance does not guarantee future results.

Bond prices and yields are subject to change based upon market conditions availability. If bonds are sold prior to maturity, you may receive more or less than your initial investment. Holding bonds to term allows redemption at par value. There is an inverse relationship between interest rate movements and bond prices. Generally, when interest rates rise, bond prices fall and when interest rates fall, bond prices generally rise. Future investment performance cannot be guaranteed, investment yields will fluctuate with market conditions.