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### **July 2019**

Know Your Mutual Funds

Why Not Do It Now? New Research on Procrastination

Have you checked your tax withholding lately?

Do I need to pay estimated tax?



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# Mergers & Acquisitions: What's in the Deal for Investors?



Merger and acquisition (M&A) activity in North America and Europe reached its second highest level on record in 2018. There were 19,501 deals worth \$3.6 trillion — a 6.3% increase in deal volume over 2017. There was also

a rise in mega deals exceeding \$10 billion.1

Collectively, U.S. corporations had plenty of cash to spend after a long string of solid profits and a significant tax cut.<sup>2</sup> High stock prices also provided plenty of equity for deals involving the exchange of stock, while relatively-low borrowing costs made it possible to finance acquisitions.

The primary goal of a merger or an acquisition is to boost earnings growth by expanding operations, gaining market share, or becoming more efficient. Here's a closer look at these important transactions and some possible implications for investors.

### **Deal-making terms**

An acquisition is the purchase of one company by another that is paid for with stock, cash, or both. The target firm is absorbed by the buyer, and the buyer's stock continues to trade. The target firm's shareholders may receive stock in the buying company and/or have the option to sell their shares at a set price.

A true merger occurs when two companies of roughly equal size combine into one and issue new stock. In this case, stockholders of both companies generally receive shares in the new company. Some transactions that are technically acquisitions are announced as mergers when the deals are friendly, with both sides agreeing to fair terms. When one company purchases a controlling interest in another against the wishes of the target, it's known as a hostile takeover; these transactions are typically announced as acquisitions.

### Benefits and opportunities

Synergy is the financial benefit that is expected from the joining of two companies. This might be achieved by increasing revenue, gaining access to talent or technology, or cutting costs.

Bigger corporations typically benefit from economies of scale, which enables them to negotiate lower prices for larger orders with suppliers. In addition, combining two workforces into one often results in headcount reductions. Some mergers result in industry consolidation, but government regulators may scrutinize deals and/or block mergers that threaten competition. In other cases, companies may join forces across industries for strategic reasons or to diversify their lines of business. Disruptive competition from technology giants is one reason companies have been pursuing large mergers and novel cross-sector acquisitions.<sup>3</sup>

### For better or worse

A successful merger should create shareholder value greater than the combined value of the separate companies. To accomplish this, the buyer must have an accurate assessment of how much the target company is worth.

When a deal is first announced, the share prices of both companies are likely to move up or down based solely on investor expectations. Of course, even a well-received merger could eventually be viewed as a disappointment if the merger fails to create enough value.

When a company pays more than the value of the other company's assets, the difference is recorded as "goodwill" so that assets match up with liabilities. Sooner or later, underperforming companies may have to take a write-down in that goodwill value, causing the company's share price to be discounted. Thus, only time will tell whether any particular deal will pay off in the form of future earnings growth or investor returns

The return and principal value of stocks fluctuate with changes in market conditions. Shares, when sold, may be worth more or less than their original cost. Investments offering the potential for higher rates of return also involve higher risk.

- <sup>1</sup> PitchBook Data, 2019
- <sup>2</sup> U.S. Bureau of Economic Analysis, 2018
- 3 The New York Times, May 3, 2018



At the end of October 2018, there were 7,866 U.S. mutual funds spread across the following broad categories:
Domestic equity (3,144)
World equity (1,499)
Hybrid (709)
Taxable bond (1,573)
Municipal bond (560)
Taxable money market (297)
Tax-exempt money market (84)
Source: Investment

Company Institute, 2018

# **Know Your Mutual Funds**

Almost 100 million Americans, representing about 44% of U.S. households, owned mutual funds in 2018. Saving for retirement was the primary goal for 73% of investors; other goals included saving for college or a house, building an emergency fund, or providing current income.1

Mutual funds offer a convenient way to participate in a broad range of market activity that would be difficult for most investors to achieve by purchasing individual securities. With almost 8,000 funds available on the U.S. market, you should be able to find appropriate investments to pursue your goals.<sup>2</sup> However, it's important to periodically examine the mix of funds you hold.

If you are approaching retirement or already retired, this may be a good time to assess the risk level and growth potential of your funds, along with any other investments in your portfolio. Keep in mind that even though it is generally wise to reduce risk as you near retirement, you may also need to pursue long-term growth opportunities.

The following overview describes some basic types of funds in rough order of risk, from lowest to highest. Investments seeking to achieve higher returns also carry an increased level of risk.

Money market funds invest in short-term debt investments such as commercial paper and certificates of deposit and are typically used as a cash alternative. Although a money market fund attempts to maintain a stable \$1 share price, you can lose money by investing in such a fund. Money market funds are neither insured nor guaranteed by the FDIC or any other government agency.

Municipal bond funds generally offer income that is free of federal income tax and may be free of state income tax if the bonds in the fund were issued from your state. Although interest income from municipal bond funds may be tax exempt, any capital gains are subject to tax. Income for some investors may be subject to state and local taxes and the federal alternative minimum tax.

**Income funds** concentrate their portfolios on bonds, Treasury securities, and other income-oriented securities, and may also include stocks that have a history of paying high dividends.

Balanced funds, hybrid funds, and growth and income funds seek the middle ground between growth funds and income funds. They include a mix of stocks and bonds and seek to combine moderate growth potential with modest income.

**Growth funds** invest in the stock of companies with a high potential for appreciation but low emphasis on income. They are more volatile than many types of funds.

Global funds invest in a combination of domestic and foreign securities. International funds invest primarily in foreign stock and bond markets, sometimes in specific regions or countries. There are increased risks associated with international investing, including differences in financial reporting, currency exchange risk, economic and political risk unique to a specific country, and greater share price volatility.

**Sector funds** invest almost exclusively in a particular industry or sector of the economy. Although they offer greater appreciation potential, the volatility and risk level are also higher because they are less diversified.

Aggressive growth funds aim for maximum growth. They typically distribute little income, have very high growth potential, tend to be more volatile, and are considered to be very high risk.

Bond funds (including funds that contain both stocks and bonds) are subject to the interest rate, inflation, and credit risks associated with the underlying bonds in the fund. As interest rates rise, bond prices typically fall, which can adversely affect a bond fund's performance. U.S. Treasury securities are guaranteed by the federal government as to the timely payment of principal and interest. Dividends are not guaranteed.

Asset allocation and diversification are methods used to help manage investment risk; they do not guarantee a profit or protect against investment loss. Mutual fund shares, when sold, may be worth more or less than their original cost.

Mutual funds are sold by prospectus. Please consider the investment objectives, risks, charges, and expenses carefully before investing. The prospectus, which contains this and other information about the investment company, can be obtained from your financial professional. Be sure to read the prospectus carefully before deciding whether to invest.

1-2) Investment Company Institute, 2018





### Advantage of an Early Start

Saving for retirement may be a low priority when you're young, especially if you're earning a low salary. But starting early can make a big difference, as you can see in the accompanying chart.

This hypothetical example of mathematical compounding is used for illustrative purposes only and does not represent the performance of any specific investment. It assumes a monthly deferral of salary and monthly compounding of earnings. Fees, expenses, and taxes were not considered and would reduce the performance shown if they were included. Actual results will vary.

# Why Not Do It Now? New Research on Procrastination

Do you have a tendency to push off important tasks? Do you do things at the last minute, or maybe not do them at all? If so, you're not alone. About one in five adults is a chronic procrastinator.1

Procrastination can be frustrating in the short term for even the simplest tasks. But it can have far-reaching effects on important activities and decisions such as completing work projects, obtaining medical treatment, and saving for retirement. Recent research offers insights that may be helpful if you or someone you know has a tendency to procrastinate.

### Blame the brain

A study using brain scans found that the amygdala, the almond-shaped structure in the temporal lobe of the brain that processes emotions (including fear), was larger in chronic procrastinators, and there were weaker connections between the amygdala and a part of the brain called the dorsal anterior cingulate cortex (DACC). The amygdala warns of potential dangers, and the DACC processes information from the amygdala and decides what action a body will take.<sup>2</sup>

According to the researchers, procrastinators may feel more anxiety about the potential negative effects of an action and be less able to filter out interfering emotions and distractions. The good news is that it is possible to shrink the amygdala and improve brain connectivity through mindfulness meditation exercises.<sup>3</sup>

### What's important to you?

Another recent study found that people were less likely to procrastinate about tasks that they personally considered important and were within their own control, as opposed to tasks that were assigned to them and/or controlled by others. This is probably not surprising, but it suggests that procrastination may not be a "weakness" but rather a result of personal values and choices.<sup>4</sup>

### Tips for procrastinators

Here are a few suggestions that may help overcome a tendency to procrastinate.

Consider the triggers. One researcher found that people are more likely to procrastinate if a task is characterized by one or more of these seven triggers: boring, frustrating, difficult, ambiguous, unstructured, not intrinsically rewarding, or lacking in personal meaning.<sup>5</sup> You might try to identify the triggers that are holding you back and take steps to address those specific problems. For example, if a task seems too difficult, ambiguous, or unstructured, you could break it down into smaller, more definite, and manageable tasks.

**Meet your resistance.** If you don't want to work on a task for an hour, determine how long you are willing to work on it. Can you work on it for 30 minutes? What about 15? If you don't want to do it today, what day would be better?

List the costs and benefits. For big projects, such as saving for retirement, make a list of all the negative ways not making progress could affect your life and all the positive outcomes if you were to achieve your objectives. Imagine yourself succeeding.

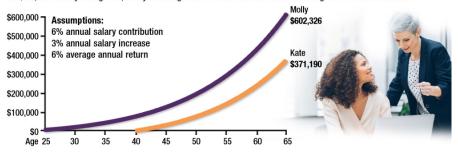
**Take the plunge.** Although a big project may seem daunting, getting a start — any start — could reduce the anxiety. This might be just a small first step: a list, a phone call, an email, or some Internet research. For a written project, you might start with a rough draft, knowing you can polish and improve it later.

Forgive yourself. If you've postponed a task, don't waste time feeling guilty. In most cases, "better late than never" really does apply!

- <sup>1</sup> Frontiers in Psychology, July 5, 2018
- 2-3 BBC News, August 26, 2018
- <sup>4</sup> Psychology Today, January 9, 2018
- <sup>5</sup> Harvard Business Review, October 4, 2017

# **Advantage of an Early Start**

Molly begins saving at age 25 when she earns a \$40,000 salary, and Kate begins at age 40 when she earns an \$80,000 salary. At age 65, Molly's savings total would be more than 60% higher than Kate's total.





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#### IMPORTANT DISCLOSURES

This publication is not intended to provide investment, tax, or legal advice. The information presented here is not specific to any individual's personal circumstances.

To the extent that this material concerns tax matters, it is not intended or written to be used, and cannot be used, by a taxpayer for the purpose of avoiding penalties that may be imposed by law. Each taxpayer should seek independent advice from a tax professional based on his or her individual circumstances.

These materials are provided for general information and educational purposes based upon publicly available information from sources believed to be reliable—we cannot assure the accuracy or completeness of these materials. The information in these materials may change at any time and without notice.



### Have you checked your tax withholding lately?

If you were unpleasantly surprised by the amount of tax you owed or the amount of your tax refund when you filed your 2018 tax return, it may be

time to check your withholding.

It may also be time if there are changes in your life or financial situation that affect your tax liability. For example, have you recently married, divorced, had a child, purchased a new home, changed jobs, or had a change in the amount of your taxable income not subject to withholding (e.g., capital gains)?

You can generally change the amount of federal tax you have withheld from your paycheck by giving a new Form W-4 to your employer. You can use a number of worksheets for the Form W-4 or the IRS Withholding Calculator (available at *irs.gov*) to help you plan your tax withholding strategy.

If changes reduce the number of allowances you are permitted to claim or your marital status changes from married to single, you must give your employer a new Form W-4 within 10 days. You can generally submit a new Form W-4 whenever you wish to change your withholding allowances for any other reason.

In general, you can claim various withholding allowances on the Form W-4 based on your tax filing status and the tax credits, itemized deductions (or any additional standard deduction for age or blindness), and adjustments to income that you expect to claim. You might increase the tax withheld or claim fewer allowances if you have a large amount of nonwage income. (If you have a significant amount of nonwage income, you might also consider making estimated tax payments using IRS Form 1040-ES.) The amount withheld can also be adjusted to reflect that you have more than one job at a time and whether you and your spouse both work. You might reduce the amount of tax withheld by increasing the amount of allowances you claim (to the extent permissible) on the Form W-4.

You can claim exemption from withholding for the current year if: (1) for the prior year, you were entitled to a refund of all federal income tax withheld because you had no tax liability; and (2) for the current year, you expect a refund of all federal income tax withheld because you expect to have no tax liability.



### Do I need to pay estimated tax?

Taxpayers are required to pay most of their tax obligation during the year by having tax withheld from their paychecks or pension payments, or by

making estimated tax payments. Estimated tax is the primary method used to pay tax on income that isn't subject to withholding. This typically includes income from self-employment, interest, dividends, and gain from the sale of assets. Estimated tax is used to pay both income tax and self-employment tax, as well as other taxes reported on your income tax return.

Generally, you must pay federal estimated tax for the current year if: (1) you expect to owe at least \$1,000 in tax for the current year, and (2) you expect your tax withholding and refundable tax credits to be less than the smaller of (a) 90% of the tax on your tax return for the current year, or (b) 100% of the tax on your tax return for the previous year (your tax return for the previous year must cover 12 months).

There are special rules for farmers, fishermen, and certain high-income taxpayers. If at least two-thirds of your gross income is from farming or fishing, you can substitute 66-2/3% for 90% in general rule (2)(a) above. If your adjusted

gross income for the previous year was more than \$150,000 (\$75,000 if you were married and filed a separate return for that year), you must substitute 110% for 100% in general rule (2)(b) above.

If all of your income is subject to withholding, you probably don't need to pay estimated tax. If you have taxes withheld by an employer, you may be able to avoid having to make estimated tax payments, even on your nonwage income, by increasing the amount withheld from your paycheck.

You can use Form 1040-ES and its worksheets to figure your estimated tax. They can help you determine the amount you should pay for the year through withholding and estimated tax payments to avoid paying a penalty. The year is divided into four payment periods. After you have determined your total estimated tax for the year, you then determine how much you should pay by the due date of each payment period to avoid a penalty for that period. If you don't pay enough during any payment period, you may owe a penalty even if you are due a refund when you file your tax return.

Withholding and estimated tax payments may also be required for state and local taxes.

