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August has been a messy month. The news has been awful on multiple fronts for much of the month and there have been a few earnings disappointments to boot. So it looks like we may be seeing most client portfolios decline in August for only the second time in 2017.

I'm writing this on the 28th and right now all attention, wishes and prayers are for those having to deal with the ravages of Hurricane Harvey on the Texas gulf coast. We have a niece in Houston so we have concerns as well. On a brighter note, school is about to start again and that means Badger and Packer football, too. Go Pack, Go Bucky!

May September prove less newsworthy than was August.

Bruce Heling, CFP CPA
August 28, 2017

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Planning Tips for Today and the Rest of Your Life

From Data Breaches to Ransomware: How to Avoid Becoming the Victim of a Cybercrime



Each time you connect to the Internet, you risk becoming the victim of a cybercrime. It's the price we pay for living in a digital world — whether it's at home, at work, or on your smartphone.

According to the Identity Theft Resource Institute, the number of U.S. data breaches in 2016 increased by 40%. And as recently as May 2017, a widespread "ransomware" attack targeted personal computers across the globe. While software companies are continually developing strategies to combat the latest cybercrimes, there are some steps you can take to help protect yourself online.

The stronger, the better

It's a scary thought — most of us have a large amount of financial and personal information that's readily accessible through the Internet, in most cases protected by nothing more than a username and password.

Create a strong password by using a combination of lower- and upper-case letters, numbers, and symbols or by using a random phrase. Avoid using a password with your personal information such as your name and address. In addition, have a separate and unique password for each account or website that you use.

If you have trouble keeping track of all your password information or you want an extra level of password protection, consider using password management software. Password manager programs generate strong, unique passwords that you control through a single master password.

Follow the 3-2-1 rule

Backing up your online data is critical to avoid losing valuable information due to a cyber attack. If you have digital assets that you don't want to risk losing forever, you should back

them up regularly. This pertains to data stored on both personal computers and mobile devices.

When backing up data, a good rule to follow is the 3-2-1 rule. This rule helps reduce the risk that any one event — such as a computer hacker gaining access to your computer — will compromise your primary data and backups. In order to follow the 3-2-1 rule:

- Have at least three copies of your data (this means a minimum of the original plus two backups)
- Use at least two different formats (e.g., hard drive and cloud-based service)
- Ensure that at least one backup copy is stored in a separate location (e.g., safe-deposit box)

Stay one step ahead

Finally, the best way to avoid becoming the victim of a cybercrime is to stay one step ahead of the cybercriminals. Here are some extra precautions you can take before you go online:

Consider using two-step authentication.

Two-step authentication, which involves using a text or email code along with your password, provides another layer of protection for your sensitive data.

Keep an eye on your accounts. Notify your financial institution immediately if you see suspicious activity. Early notification not only can stop the cyber thief but may limit your financial liability.

Think twice before clicking. Beware of emails containing links or asking for personal information. Never click on a link in an email or text unless you know the sender and have a clear idea where the link will take you.

Be careful when you shop. When shopping online, look for the secure lock symbol in the address bar and the letters *https*: (as opposed to *http*:) in the URL. Avoid using public Wi-Fi networks for shopping, as they lack secure connections.

Medicare and Your Employer Health Plan



The U.S. Bureau of Labor Statistics projects that the labor force will grow to about 164 million workers by 2024. Approximately 13 million of these workers (roughly 8%) will be age 65 and older.

Source: U.S. Bureau of Labor Statistics, *Older workers: Labor force trends and career options*, May 2017

If you plan to continue working after you reach age 65, you may be wondering how Medicare coordinates with your employer's group health plan. When you're eligible for both types of coverage, you'll need to consider the benefits and costs, and navigate an array of rules.

How does Medicare work with your group health plan?

You can generally wait to enroll in Medicare if you have group health insurance through your employer or your spouse's employer. Most employers can't require employees or covered spouses to enroll in Medicare to retain eligibility for their group health benefits. However, some small employers can, so contact your plan's benefits administrator to find out if you're required to sign up for Medicare when you reach age 65.

If you have Medicare and group health coverage, both insurers may cover your medical costs, based on "coordination of benefit" rules. The primary insurer pays your claim first, up to the limits of the policy. The secondary insurer pays your claim only if there are costs the primary insurer didn't cover, but may not pay all the uncovered costs.

Who is the primary insurer? If your employer has 20 or more employees, your employer group health plan is primary and your Medicare coverage is secondary. If your employer has fewer than 20 employees, your Medicare coverage is primary and your employer group health plan is secondary.

Your employer can tell you more about how your group health coverage works with Medicare.

Should you wait to enroll in Medicare?

Medicare Part A helps pay for inpatient hospital care as well as skilled nursing facility, hospice, and home health care. Because Medicare hospital insurance is free for most people, you may want to enroll in Part A even if you have employer coverage. It could be helpful to have both types of insurance to fill any coverage gaps. However, if you have to pay for Part A, you'll need to factor the cost of premiums into your decision.

Medicare Part B medical insurance, which helps pay for physician services and outpatient expenses, requires premium payments, so it would be wise to compare the costs and benefits of Medicare to your employer's plan. If you're satisfied with your employer coverage, you may be able to wait to enroll in Part B.

Late-enrollment penalties typically apply if you do not enroll in Medicare Part A and Part B when you are first eligible. However, if you are covered by a group health plan based on current employment, these penalties generally do not apply as long as you follow certain rules. You can sign up for Medicare Part A and/or Part B at any time as long as you are covered by a group health plan through your own employment or your spouse's employment. When you stop working or your coverage ends, you have eight months to sign up without penalty. This eight-month period starts the month after your employment ends or the month after your employer group health coverage ends (whichever occurs first). Visit [medicare.gov](https://www.medicare.gov) for more information.

What if you have an HSA?

If you have a high-deductible health plan through work, keep in mind that you cannot contribute to a health savings account (HSA) after you enroll in Medicare (A or B). The good news is that the HSA is yours, even if you can no longer contribute to it, and you can use the tax-advantaged funds to pay Medicare premiums and other qualified medical expenses. So it might be helpful to build your HSA balance before enrolling in Medicare.

Whether you should opt out of premium-free Part A in order to contribute to an HSA depends on what you consider to be more valuable: secondary hospital insurance coverage or tax-advantaged contributions to pay future expenses. HSA funds can be withdrawn free of federal income tax and penalties provided the money is spent on qualified health-care expenses. HSA contributions and earnings may or may not be subject to state taxes.

How are Medicare claims handled?

Once you enroll in Medicare, tell your health-care providers that you have coverage in addition to Medicare to help ensure that claims are submitted properly. You can also contact the Medicare Benefits Coordination & Recovery Center (BCRC) at (855) 798-2627 if you have questions about how your claims will be handled.

Medicare rules are complex, and these are only guidelines. Different rules and considerations apply if you have retiree health coverage through your former employer (or your spouse's employer) or other types of health coverage. For more detailed information, visit [medicare.gov](https://www.medicare.gov).

Five Common Financial Aid Myths



Net price calculators

Net price calculators, available on all college websites, provide families with an advance estimate of what their "net" price will be at a particular college based on their income, assets, and personal family information. The net price is the price after grants and scholarships are factored in. This figure gives families a much better idea of the real cost of a particular college so they can make well-informed financial decisions.

With some private colleges now crossing the once unthinkable \$70,000-per-year mark in the 2017/2018 school year, and higher costs at public colleges, too, financial aid is essential for many families. How much do you know about this important piece of the college financing puzzle? Consider these financial aid myths.

1. My child won't qualify for aid because we make too much money

Not necessarily. While it's true that family income is the main factor in determining aid eligibility, it's not the only factor. The number of children you'll have in college at the same time is a significant factor — for example, having two children in college will cut your expected family contribution (EFC) in half. Your assets, overall family size, and age of the older parent also play into the equation.

Side note: Even if you think your child won't qualify for aid, you should still consider filing the government's Free Application for Federal Student Aid (FAFSA) for two reasons. First, all students — regardless of income — who attend school at least half-time are eligible for unsubsidized federal Direct Loans, and the FAFSA is a prerequisite for these loans. ("Unsubsidized" means the student pays the interest during college, the grace period, and any loan deferment periods.) So if you want your child to have some "skin in the game" by taking on a small student loan, you'll need to file the FAFSA. Second, the FAFSA is *always* a prerequisite for college need-based aid and is *sometimes* a prerequisite for college merit-based aid. Bottom line? It's usually a good idea to file this form.

2. The form is too hard to fill out

Not really. Years ago, the FAFSA was cumbersome to fill out. But now that it's online at fafsa.ed.gov, it is much easier to complete. The online version has detailed instructions and guides you step by step. There is also a toll-free number you can call with questions: 1-800-4-FED-AID. All advice is free. In addition, a recent change has made the FAFSA even easier to fill out: The FAFSA now relies on your tax information from two years prior rather than one year prior (referred to as the "prior-prior year" or the "base year"). For example, the 2017/2018 FAFSA relies on your 2015 tax information, the 2018/2019 FAFSA relies on your 2016 tax information, and so on. This means that your necessary tax numbers will be handy as you answer questions on the FAFSA. The first time you file the FAFSA, you and your child will need to create an FSA ID, which consists of a username and password.

Side note: The CSS/Financial Aid PROFILE, an additional aid form required by most private colleges, is more detailed than the FAFSA and thus harder to fill out. It essentially takes a financial snapshot of your family's past year, current year, and upcoming year (it asks for estimates for the latter).

3. If my child applies to a more expensive school, we'll get more aid

Not necessarily. Colleges determine your EFC based on the income and asset information you provide on the FAFSA and, where applicable, the CSS PROFILE. Your EFC stays the same no matter what college your child applies to. The difference between the cost of a particular college and your EFC equals your child's financial need (sometimes referred to as "demonstrated need"). The more expensive a college is, the greater your child's financial need. But a greater financial need doesn't automatically translate into a bigger financial aid package — colleges aren't obligated to meet 100% of your child's financial need.

Side note: When making a college list, your child can research a particular college's generosity, including whether it meets 100% of demonstrated need and if it replaces federal loan awards with college grants in its aid packages.

4. We own our home, so my child won't qualify for aid

The FAFSA does not take home equity into account when determining a family's expected family contribution (it also does not consider the value of retirement accounts, cash value life insurance, and annuities).

Side note: The CSS PROFILE does collect home equity and vacation home information, and some colleges may use it when distributing their own institutional aid.

5. I lost my job after I submitted aid forms, but there's nothing I can do now

Not true. If your financial circumstances change after you file the FAFSA — and you can support this with documentation — you can politely ask the financial aid officer at your child's school to revisit your aid package; the officer has the authority to make adjustments if there have been material changes to your family's income or assets.

Side note: A blanket statement of "I can't afford my family contribution" is unlikely to be successful unless it is accompanied by a significant changed circumstance that affects your ability to pay.

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The Federal Open Market Committee (FOMC) adjusts interest rates to help keep inflation near a 2% target. The FOMC's preferred measure of inflation is the Price Index for Personal Consumption

Expenditures (PCE), primarily because it covers a broad range of prices and picks up shifts in consumer behavior. The Fed also focuses on core inflation measures, which strip out volatile food and energy categories that are less likely to respond to monetary policy.

The typical American might be more familiar with the Consumer Price Index (CPI), which was the Fed's favorite inflation gauge until 2012. The Consumer Price Index for All Urban Consumers (CPI-U) is used to determine cost-of-living adjustments for federal income taxes and Social Security.

The CPI only measures the prices that consumers actually pay for a fixed basket of goods, whereas the PCE tracks the prices of everything that is consumed, regardless of who pays. For example, the CPI includes a patient's out-of-pocket costs for a doctor's visit, while the PCE considers the total charge billed to insurance companies, the government, and the patient.

The PCE methodology uses current and past expenditures to adjust category weights, capturing consumers' tendency to substitute less expensive goods for more expensive items. The weighting of CPI categories is only adjusted every two years, so the index does not respond quickly to changes in consumer spending habits, but it provides a good comparison of prices over time.

According to the CPI, inflation rose 2.1% in 2016 — right in line with the 20-year average of 2.13%.¹ This level of inflation may not be a big strain on the family budget, but even moderate inflation can have a negative impact on the purchasing power of fixed-income investments. For example, a hypothetical investment earning 5% annually would have a "real return" of only 3% during a period of 2% annual inflation.

Of course, if inflation picks up speed, it could become a more pressing concern for consumers and investors.

¹ U.S. Bureau of Labor Statistics, 2017 (data through December 2016)