



Cliff's Notes

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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.

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From Data Breaches to Ransomware:

Examining the Taxpaying Population: Where Do You Fit In?

Is the Social Security Administration still mailing Social Security Statements?

What's Happening at CMR?



Sources for data: *IRS Statistics of Income Bulletins, Spring 2017 and Summer 2017*, Washington, D.C., irs.gov/statistics

What is adjusted gross income (AGI)?

Adjusted gross income, or AGI, is basically total income less adjustments for certain items, such as deductible contributions made to an IRA, alimony paid, and qualified student loan interest paid.

Examining the Taxpaying Population: Where Do You Fit In?

Every quarter, the Statistics of Income Division of the Internal Revenue Service (IRS) publishes financial statistics obtained from tax and information returns that have been filed with the federal government. Recently published reports reflect data gleaned from 2014 individual federal income tax returns. These reports offer a snapshot of how the U.S. population breaks down as taxpayers.

The big picture

For tax year 2014, U.S. taxpayers filed roughly 139.6 million individual income tax returns.¹ Total adjusted gross income reported on these tax returns was \$9.71 trillion, resulting in a total income tax of \$1.37 trillion. That works out to an overall average tax rate of 14.16% for all returns filed — the highest total average rate in the 10-year period represented by the statistical report.

If your 2014 AGI was \$38,173 or more, you were in the top 50% of all federal income tax filers based on AGI. This group accounted for 88.7% of all AGI reported and paid 97.3% of total federal income tax for the year.

A look at the top

How much AGI did it take to make the top 10% of all individual filers? Probably not as much as you might think. If your AGI was \$133,445 or greater, you would have been one of the almost 14 million filers making up the top 10%. This group reported about \$4.58 trillion in AGI (more than 47% of all AGI reported) and accounted for about 70.9% of total individual income tax for the year.

To make the top 5%, you would have needed \$188,996 or more in AGI. You would have been among approximately 7 million filers who reported almost \$3.5 trillion in total AGI and accounted for about 60% of total income taxes paid.

It's also worth noting that the top 3% of all 2014 individual income tax returns based on AGI accounted for 52.9% of total income tax paid for the year.

The very, very top

For the 2014 tax year, 1.4 million returns had an AGI of \$465,626 or more. These taxpayers make up the top 1% of filers, reporting almost \$2 trillion in total AGI and responsible for just under a 40% share of the total tax haul.

The 1,396 income tax returns that showed \$56,981,718 or more in AGI make up the top 0.001% (that's the top one-thousandth of 1%) of 2014 filers. These filers together reported over \$207 billion in AGI and paid over 3.6% of taxes.

Not all high-income returns showed tax

Of the 6.2 million income tax returns filed for 2014 with an AGI of \$200,000 or more, 10,905 showed no U.S. income tax liability (the number drops to 3,927 if you eliminate returns filed by individuals who were responsible for income taxes to foreign governments and had no U.S. income tax because of a credit for such taxes paid).

Why did these high-income returns show no U.S. tax liability? The IRS report noted that these returns show no tax for a variety of reasons, including tax credits and deductions, most notably miscellaneous deductions and deductions for charitable contributions, medical and dental expenses, and investment interest expenses. A significant secondary factor was the deduction for taxes paid.

Average tax rates

Dividing total tax paid by total AGI yields the following average federal income tax rates for the 2014 tax year:

Top Filers (by Percentile)	AGI Threshold	Average Tax Rate
0.001%	\$56,981,718	24.01%
0.01%	\$11,407,987	25.92%
0.1%	\$2,136,762	27.67%
1%	\$465,626	27.16%
5%	\$188,996	23.61%
10%	\$133,445	21.25%
20%	\$90,606	18.64%
30%	\$66,868	17.19%
40%	\$50,083	16.24%
50%	\$38,173	15.52%

¹ Excludes returns filed by dependents; based on final estimates for tax year 2014 reported in Spring 2017 Statistics of Income Bulletin

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Is the Social Security Administration still mailing Social Security Statements?

Your Social Security Statement provides important information about your Social Security record and future

benefits. For several years, the Social Security Administration (SSA) mailed these statements every five years to people starting at age 25, but due to budgetary concerns, the SSA has stopped mailing Social Security Statements to individuals under age 60.

Workers age 60 and over who aren't receiving Social Security benefits will still receive paper statements in the mail, unless they opt to sign up for online statements instead. If you're age 60 or older, you should receive your statement every year, about three months before your birthday. The SSA will mail statements upon request to individuals under age 60.

However, the quickest way to get a copy of your Social Security Statement is to sign up for my Social Security account at the SSA website, ssa.gov. Once you've signed

up, you'll have immediate access to your statement, which you can view, download, or print. Statement information generally includes a projection of your retirement benefits at age 62, at full retirement age (66 to 67), and at age 70; projections of disability and survivor benefits; a detailed record of your earnings; and other information about the Social Security program.

The SSA has recently begun using a two-step identification method to help protect *my* Social Security accounts from unauthorized use and potential identity fraud. If you've never registered for an online account or haven't attempted to log in to yours since this change, you will be prompted to add either your cell phone or email address as a second identification method. Every time you enter your account username and password, you will then be prompted to request a unique security code via the identification method you've chosen, and you need to enter that code to complete the log-in process.



What are some tips for reviewing my Medicare coverage during Medicare Open Enrollment?

During the Medicare Open Enrollment Period that runs from October 15 through December 7, you can make

changes to your Medicare coverage that will be effective on January 1, 2018. If you're satisfied with your current coverage, you don't need to make changes, but it's a good idea to review your options.

During Open Enrollment, you can:

- Change from Original Medicare to a Medicare Advantage plan, or vice versa
- Switch from one Medicare Advantage plan to another Medicare Advantage plan
- Join a Medicare prescription drug plan, switch from one Medicare prescription drug plan to another, or drop prescription drug coverage

The official government handbook, *Medicare & You*, which is available electronically or through the mail, contains detailed information about Medicare that should help you determine whether your current coverage is appropriate. Review any other information you receive from your current plan, which may include an Annual

Notice of Change letter that lists changes to your plan for the upcoming year.

As you review your coverage, here are a few points to consider:

- What were your health-care costs during the past year, and what did you spend the most on?
- What services do you need and which health-care providers and pharmacies do you visit?
- How does the cost of your current coverage compare to other options? Consider premiums, deductibles, and other out-of-pocket costs such as copayments or coinsurance; are any of these costs changing?

If you have questions about Medicare, you can call 1-800-MEDICARE or visit the Medicare website at medicare.gov. You can use the site's Medicare Plan Finder to see what plans are available in your area and check each plan's overall quality rating.

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What's Happening at CMR...

Cliff...

Summer Travels

Michelle and I traveled to Nashville, by coincidence, we both had conferences to attend. Nashville is a fun town with lots of entertainment and friendly people. On Sunday, we attended the Titan's season opener against the Raiders where Sheri and family, Margaret and Whitney joined us. Everyone in Nashville loves Marcus Mariota. We then traveled to Dallas for the Cambridge National Conference. We had lots of fun but we also had a lot of work to do, all in pursuit of serving our clients better.

My son and family were in Honolulu for a two-week vacation with his family. We had a lot of beach time, hiking and visited Aulani for breakfast with the characters. We had a blast!

Welcome Roxanne...

Many of you have met Roxanne already as she has now been with us for 3 months. She comes to CMR from Voya where she worked for 17 years. Margaret and I worked with her when we were with Aetna which became ING then Voya. We are so blessed to have someone that has as much experience and knowledge in our industry. She will be a great help in providing superior client experience and service to all.

Sheri...

Our trip this summer to Kauai was amazing and a nice time with family. It was also great being able to spend time this summer with my brother and his family. We couldn't have asked for a better summer.



Whitney ...

My Family and I had a great summer! We were able to spend a lot of quality time together and hopefully created lasting memories! One of our highlights this summer was attending the Mililani Bon Dance. This is becoming a family tradition and I hope we can continue this tradition for years to come!



Adriana ...

Our summer was one of the best we have ever had. We visited my dad, sister, and her family in Verona, Italy for the whole month of July.

My children were very excited about spending quality time with their Italian cousins and camping in the mountains. They enjoyed the different Italian/Austrian food and the change of scenery and the temperature.



Margaret ...

This past August, my granddaughter Baylee-Raine started kindergarten. I can't believe how time just flew by....

