

NATIONAL CYBERSECURITY ALLIANCE

About Us

We empower a more secure, interconnected world.

Our alliance stands for the safe and secure use of all technology.

We encourage everyone to do their part to prevent digital wrongdoing of any kind.

We build strong partnerships, educate and inspire all to take action to protect ourselves, our families, organizations and nations.

Only together can we realize a more secure, interconnected world.



Our Board Members



Reach

Millions of people turn to the National Cybersecurity Alliance for information

- 2+ million pageviews StaySafeOnline.org
- 370,000+ social media followers
- Hundreds of free resources
- Thousands of webinar attendees

Champions Toolkits

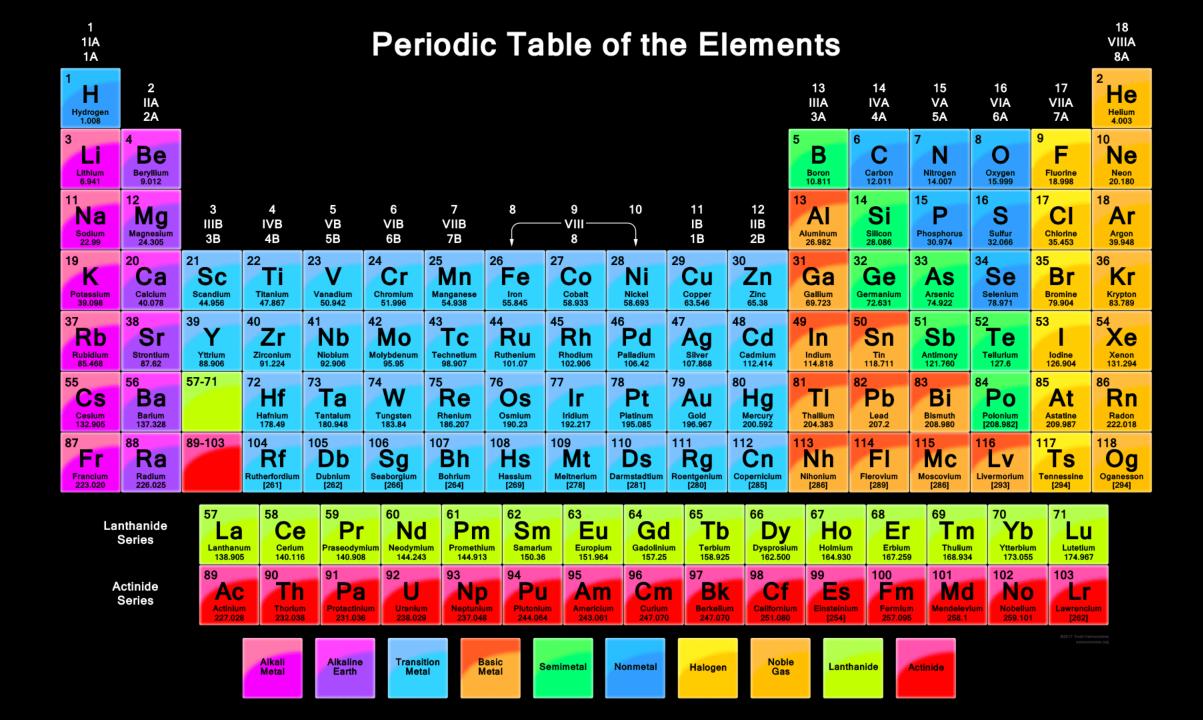
- PDF Campaign guide
- Social media posts
- Social media graphics
- Sample articles
- Sample press release
- Video conference background
- Email signature
- Logos and badges
- Infographics and tip sheets



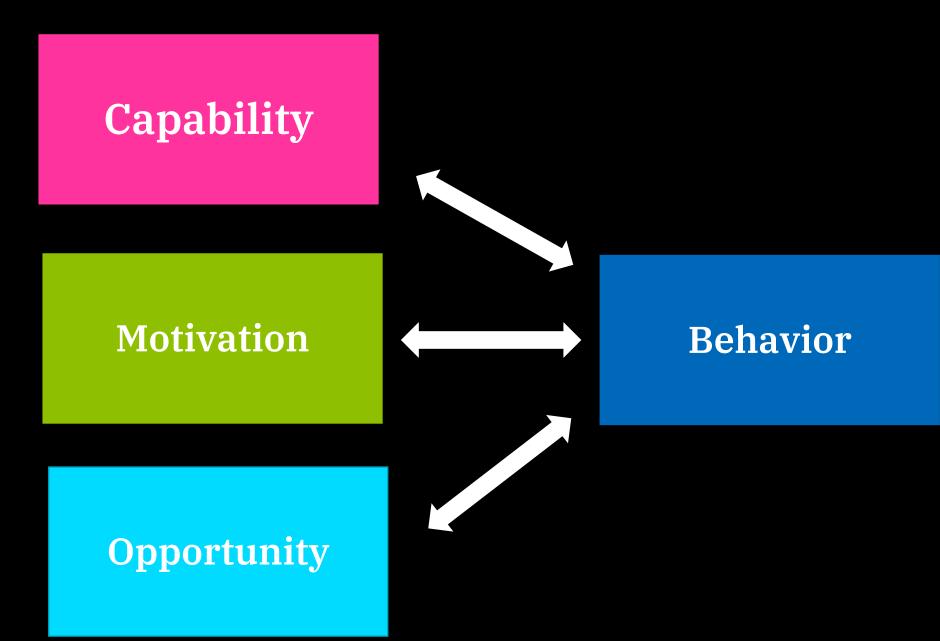
A Whole Lotta BS (Behavioral Science) about Cybersecurity

Lisa Plaggemier Executive Director











2021

Oh, Behave!

The Annual Cybersecurity Attitudes and Behaviors Report 2021



2022

Oh, Behave!

The Annual Cybersecurity Attitudes and Behaviors Report 2022

Oh, Behave!

The Annual Cybersecurity Attitudes and Behaviors Report 2023

2023



Oh, Behave!

The Annual Cybersecurity Attitudes and Behaviors Report **2023**



Oh, Behave! The Annual Cybersecurity Attitudes and Behaviors Report 2023 1. Password hygiene: password creation, password management, etc

- 2. Using Multi-Factor Authentication (MFA)
- 3. Installing the latest updates
- 4. Checking emails for signs of phishing
- 5. Backing up data

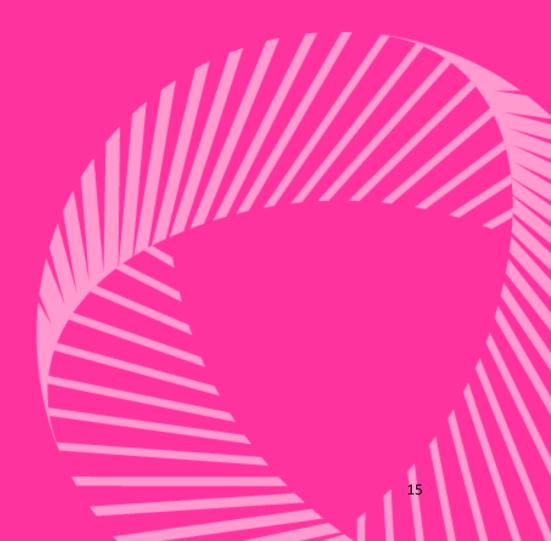
"Facts don't change people's behavior. Emotion changes people's behavior."

Seth Godin

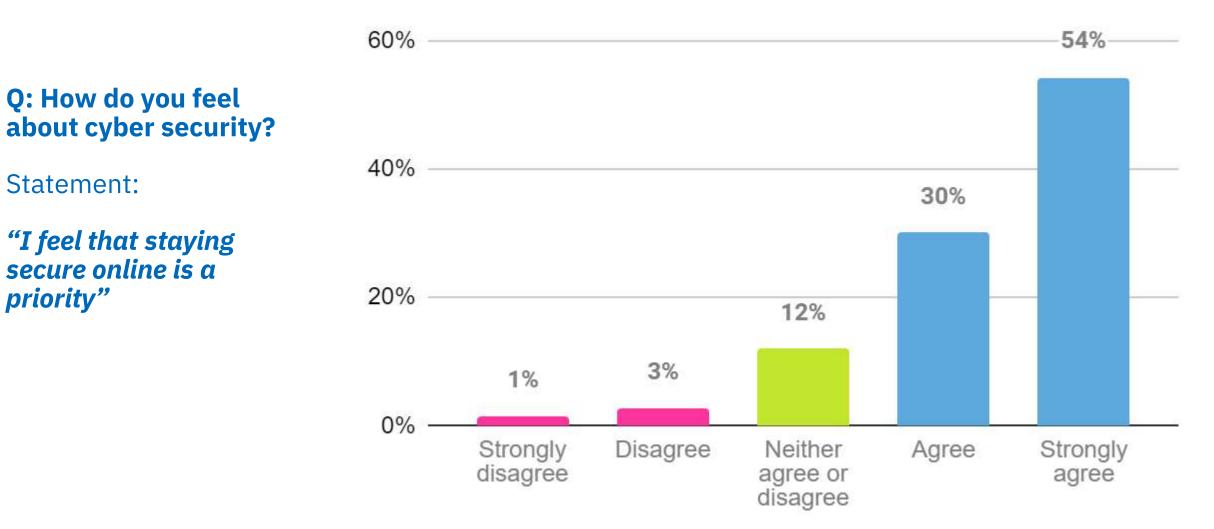
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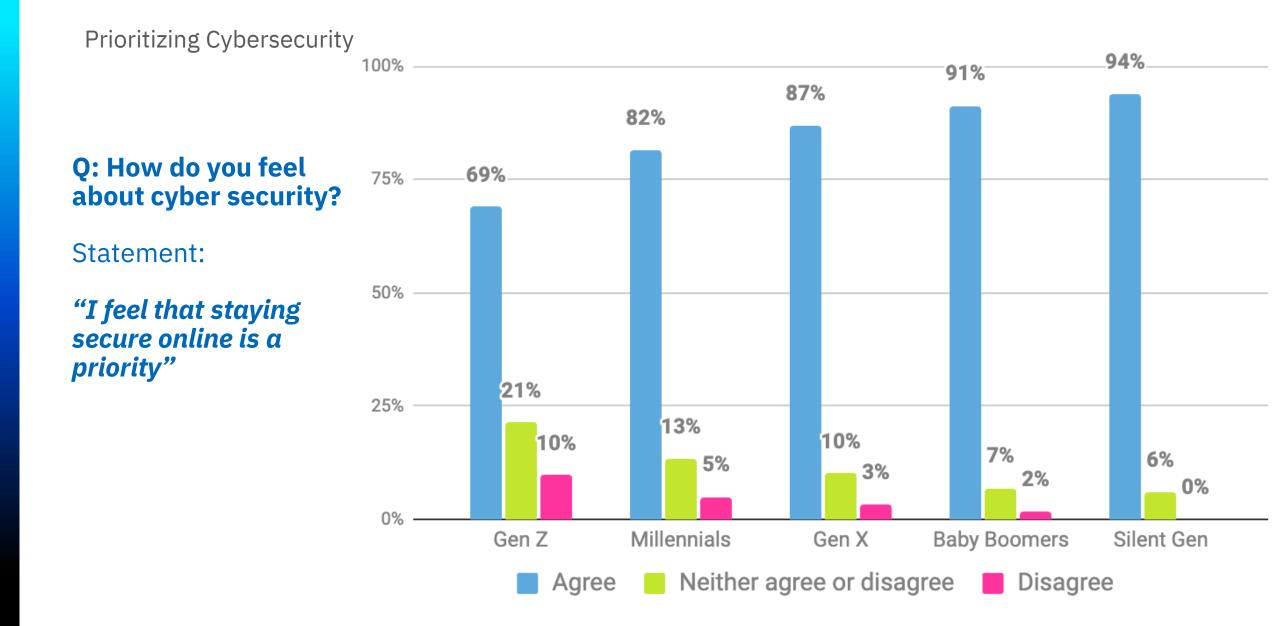
Feelings

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Prioritizing Cybersecurity

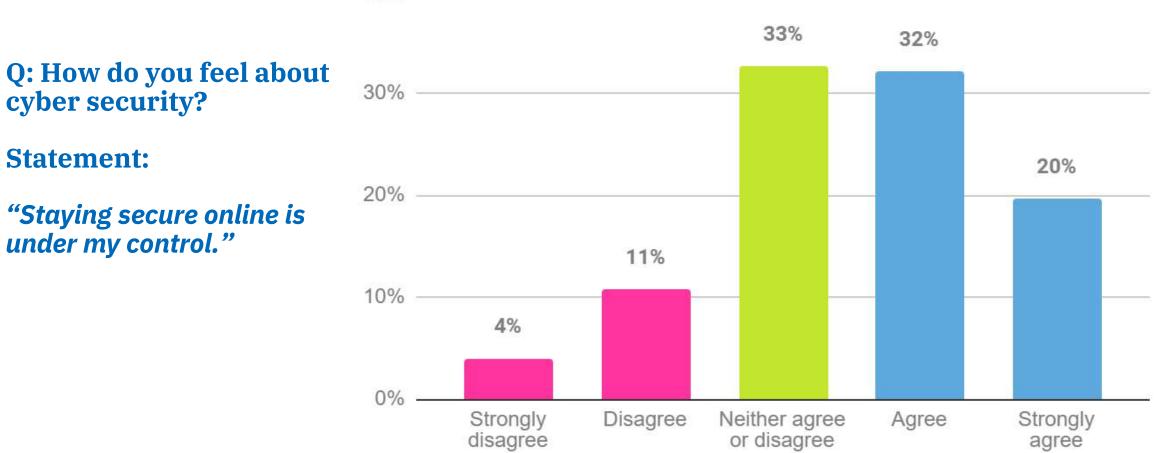




Feelings

cyber security?

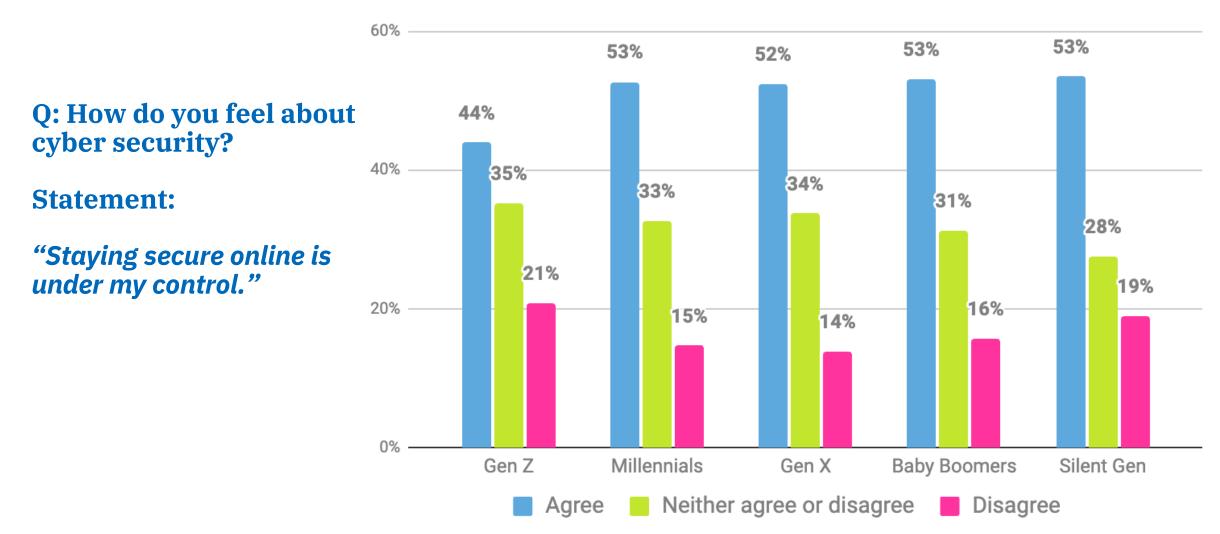
Statement:



"Staying secure online is under my control."

40% -

Feelings

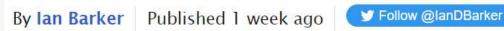




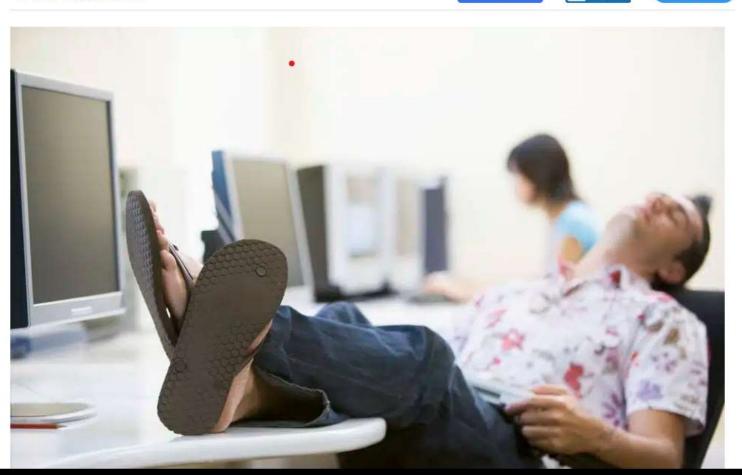
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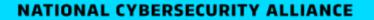
According to the theory of 'learned helplessness', when people are unable to control or change a situation, they do not try, even when opportunities for change are available.

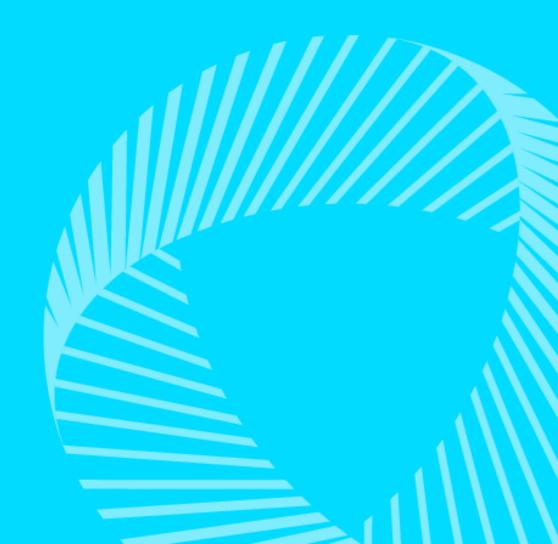
Behaviors

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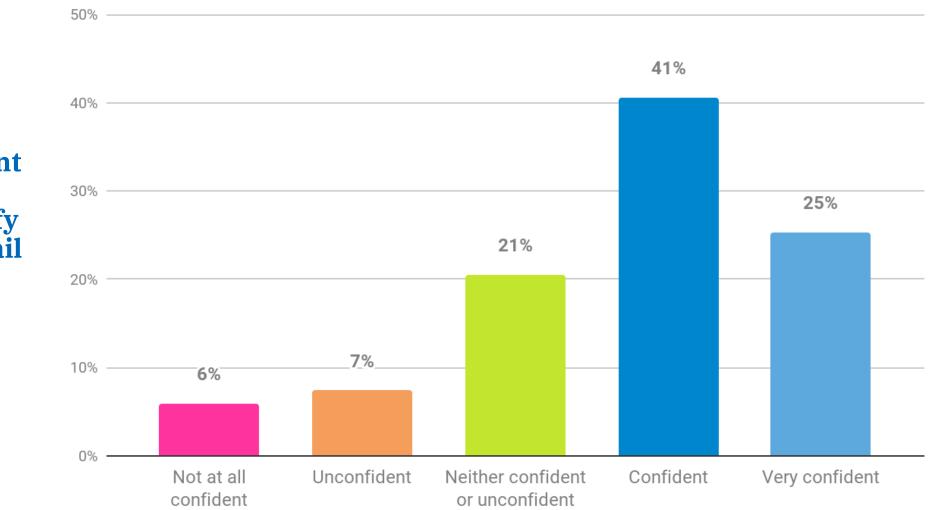


Phishing





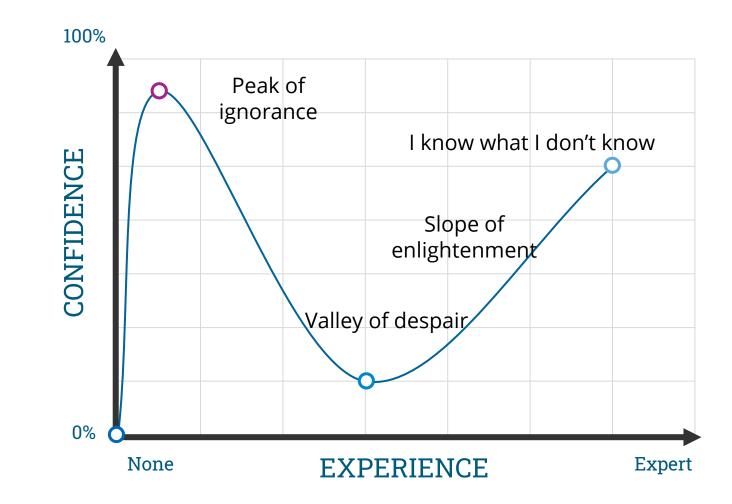
Confidence



Q: How confident are you in your ability to identify a phishing e-mail or a malicious link?

Bias: Dunning-Kruger Effect

A cognitive bias that leads people of limited skills or knowledge to mistakenly believe their abilities are greater than they are.

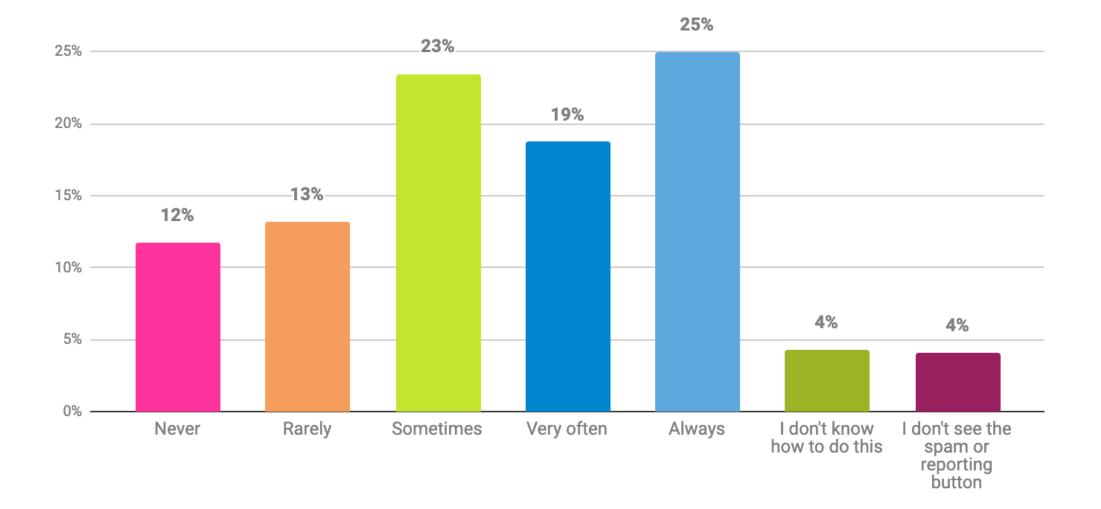


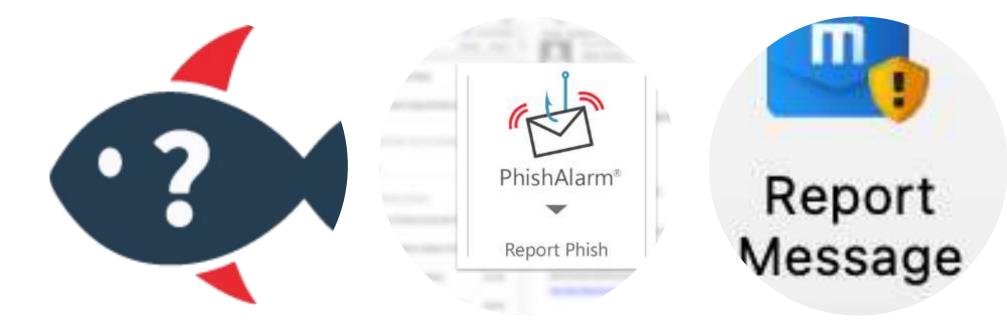
Reporting phishing

67%

Very often or always check for phishing before clicking any links or responding. 72%

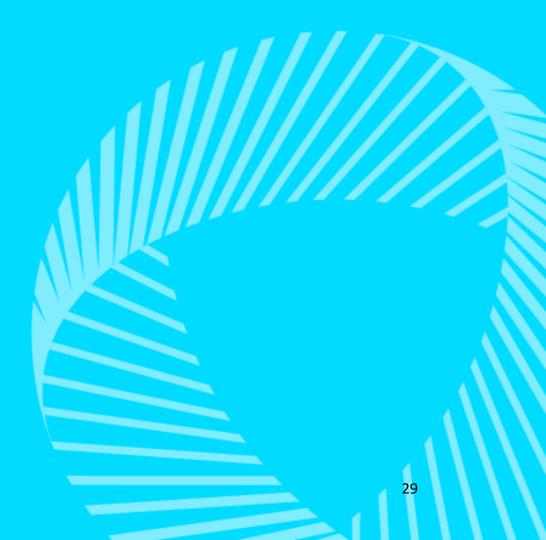
Sometimes, very often or always reach out to a person to verify a message that seems unusual. "How often do you report phishing messages using the 'spam' or 'report phishing' button?"





Passwords

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Q. How often do you use unique passwords for your important online accounts (e.g., email, social media, payment-related sites)?

- a. All the time
- b. The majority of the time
- c. Half of the time
- d. Some of the time
- e. Never

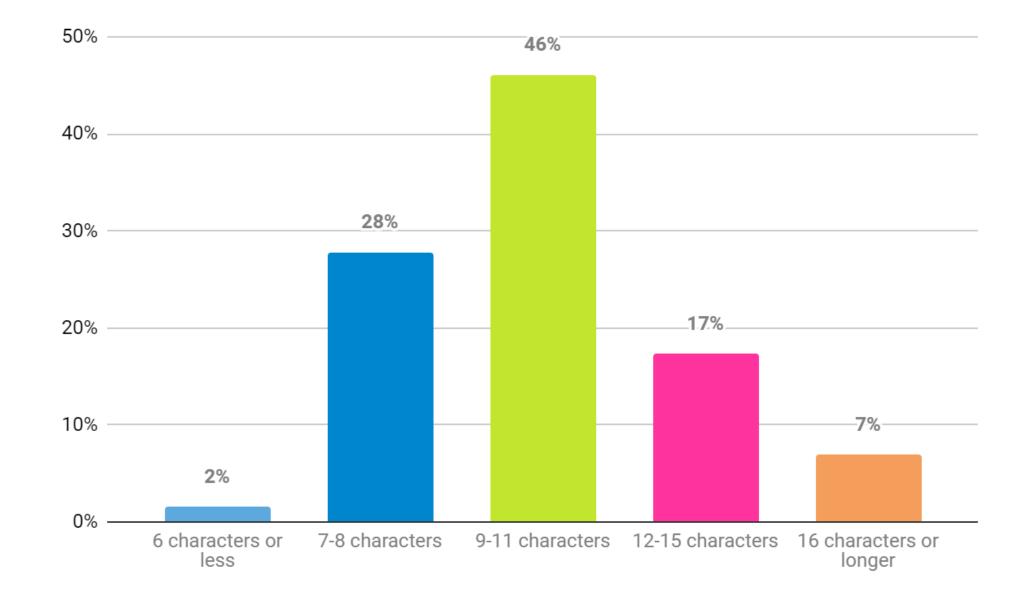
Q. How often do you use unique passwords for your important online accounts (e.g., email, social media, payment-related sites)?

- a. All the time 38%
- b. The majority of the time 29%
- c. Half of the time 14%
- d. Some of the time 14%
- e. Never 5%

Q. How long are the passwords you usually create?

- a. 6 characters or less
- b. 7-8 characters
- c. 9-11 characters
- d. 12-15 characters
- e. 16 characters or longer

Password Length



33

Poll Question

Q. What is your preferred method of remembering multiple passwords?

- a. I write them down in a notebook
- b. I write them down in a document on my computer
- c. I store them in my phone
- d. I store them in my email
- e. I just remember them (without writing them down)
- f. I save passwords in the browser
- g. I use a password manager application

Password Management Strategies

Q. What is your preferred method of remembering multiple passwords?

- a. I write them down in a notebook **31%**
- b. I write them down in a document on my computer **5%**
- c. I store them in my phone **11%**
- d. I store them in my email **5%**
- e. I just remember them (without writing them down) 24%
- f. I save passwords in the browser 9%
- g. I use a password manager application **12%**
- h. Reset at each log in 3%

Multi-Factor Authentication

Use of Multi-Factor Authentication (MFA)

30% of the participants had never heard of MFA

Of the participants who had heard about it:

- 79% applied it at least once
- 94% of them reporting that they were still using MFA



Updates & Backing Up Data

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35% of people presume their devices are automatically secure

17% admitted to clicking 'remind me later' a few times

60% of participants 'always' or 'very often' installed the latest updates and software

62% of participants reported having turned on automatic updates

Backing Up

48% very often or always

30% sometimes

22% rarely or never

Feelings

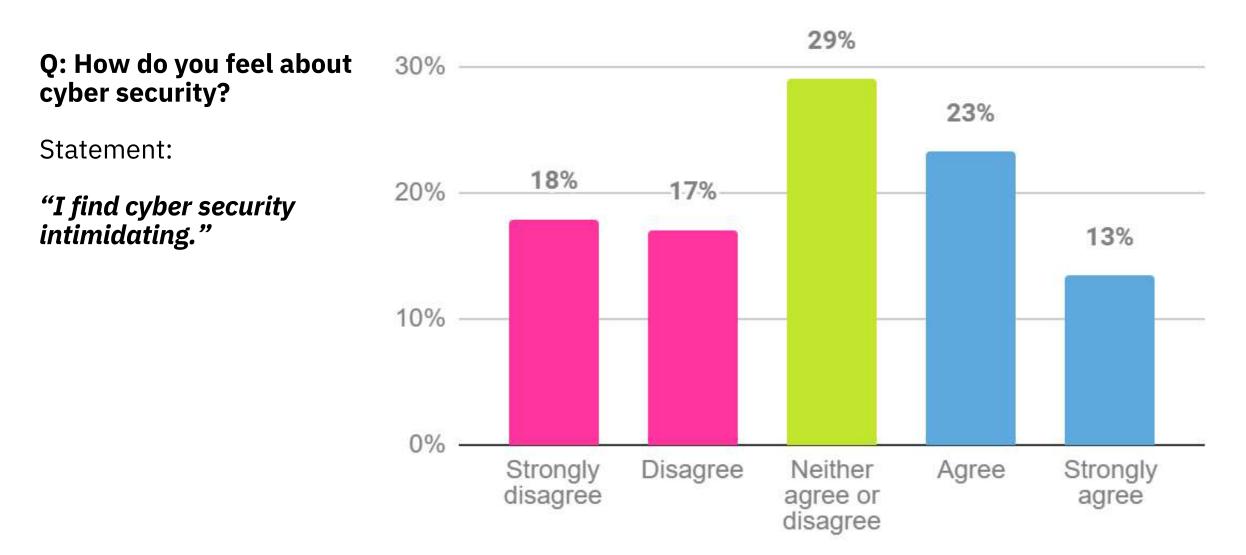
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Q. I find cybersecurity intimidating.

- a. Strongly Disagree
- b. Somewhat Disagree
- c. Neither Agree nor Disagree
- d. Somewhat Agree
- e. Strongly Agree

Feelings of intimidation

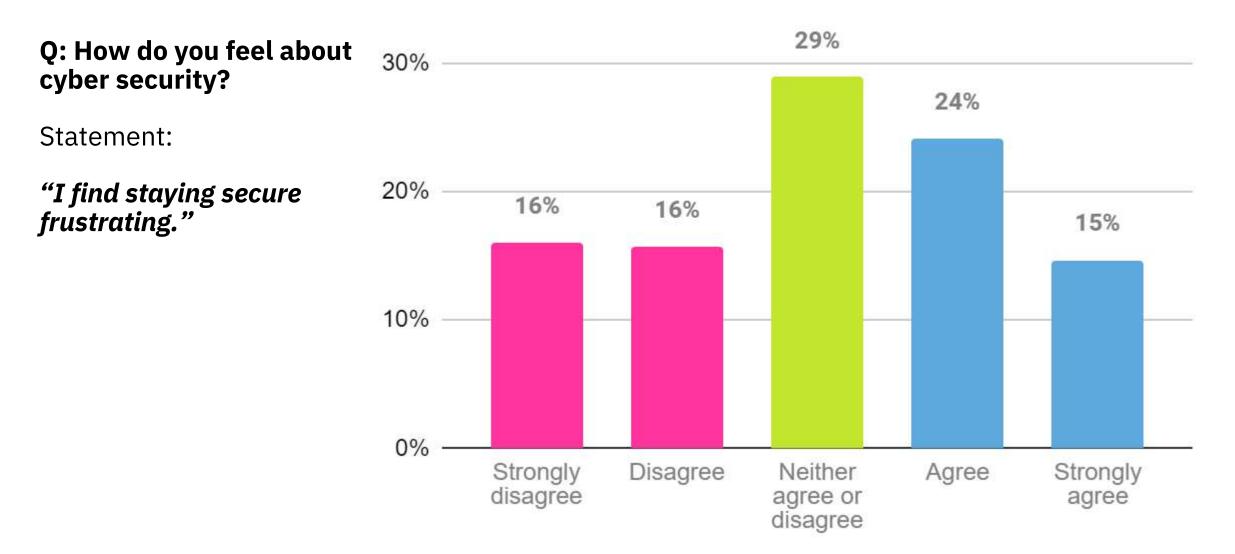




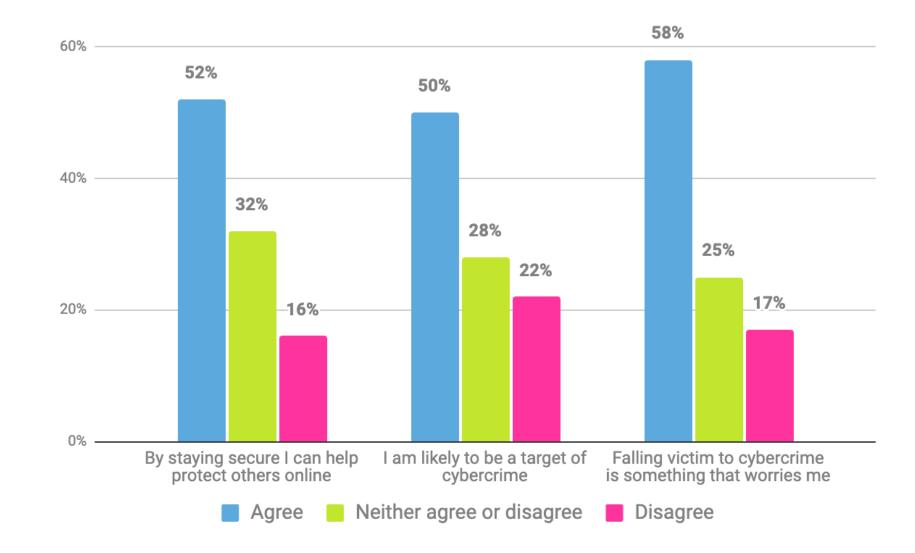
Q. I find staying secure online frustrating.

- a. Strongly Disagree
- b. Somewhat Disagree
- c. Neither Agree nor Disagree
- d. Somewhat Agree
- e. Strongly Agree

Feelings of frustration



Worry

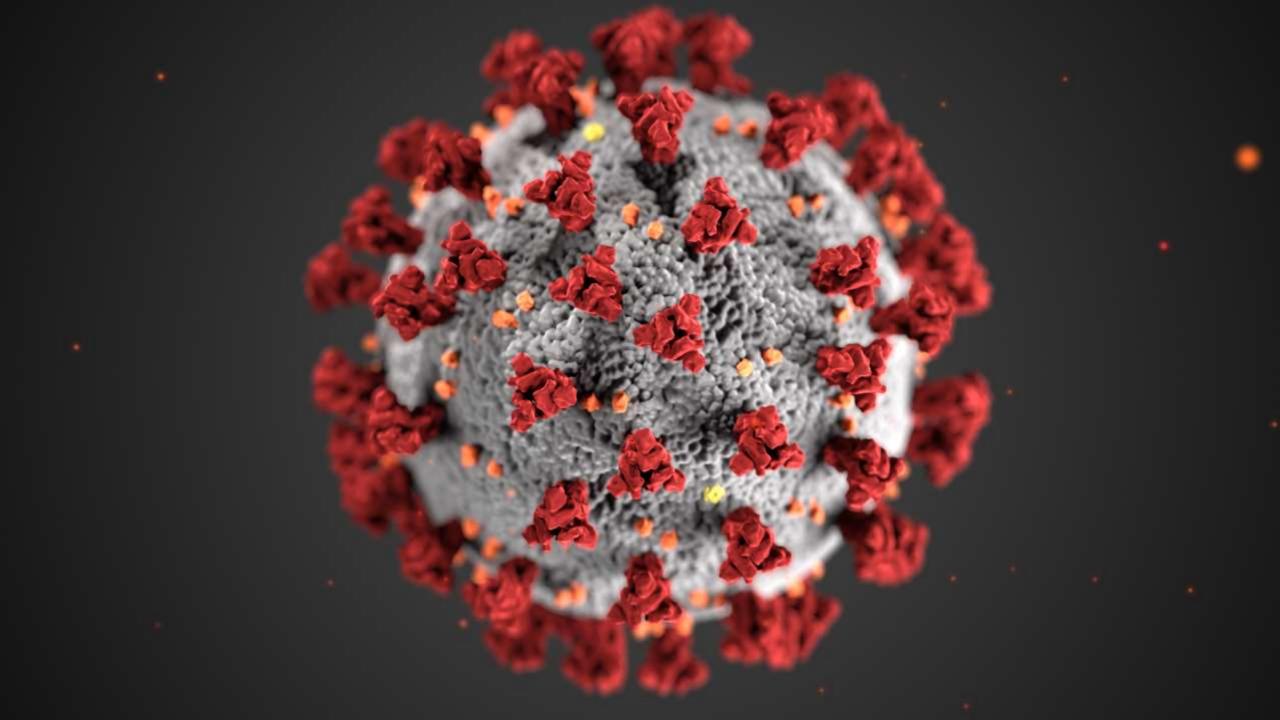




























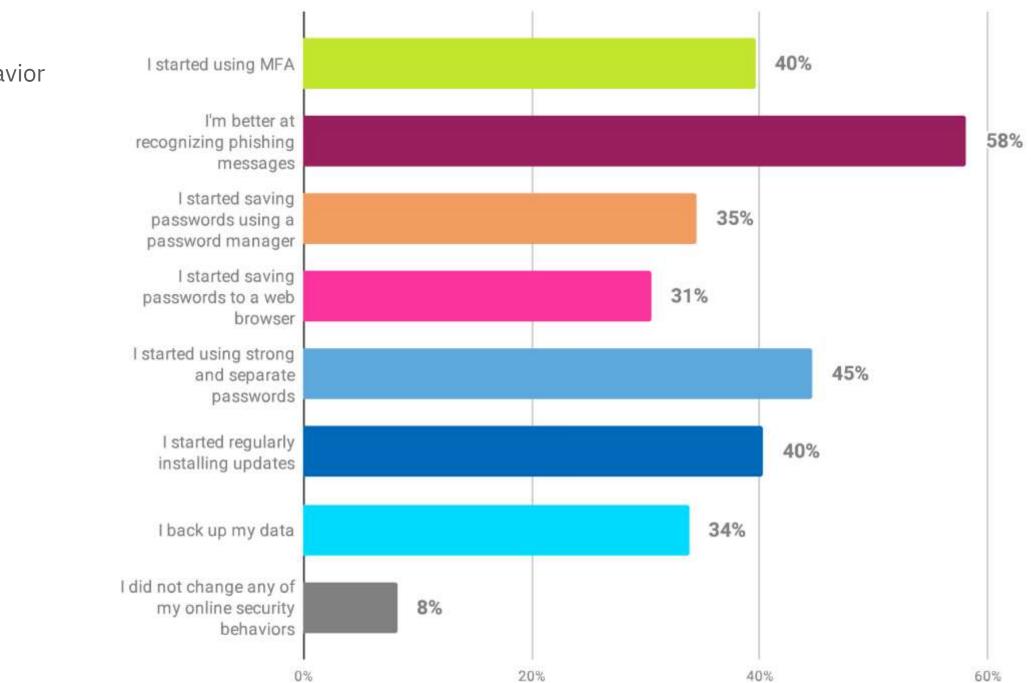


Peace of Mind

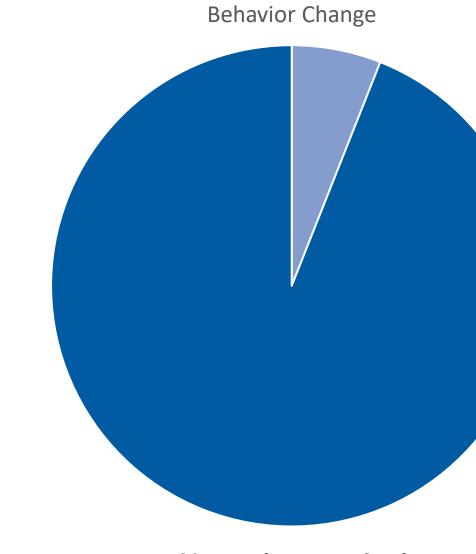
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Poll Question

- **Q. What, if any, security behaviors have you changed as a result of training?** (check all that apply)
 - a. I started using MFA
 - b. I'm better at recognizing phishing
 - c. I started saving passwords in a password manager
 - d. I started saving passwords in a browser
 - e. I started using strong, unique passwords
 - f. I started regularly installing updates
 - g. I back up my data
 - h. I didn't change any of my behavior



Security Behavior



■ No action ■ Action

only 8% took *no action*

https://kubikleseries.com/

Stay safe online.



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