



Slovenian Social Science Data Archives

**Material related to study**

Survey about cyberattack protection motivation in higher education, 2017:  
Researchers and pedagogues at Slovenian universities

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Questionnaire

## ■ Self-protection of employees against cyberattacks

Dear Sirs,

We invite you to participate in a study on self-protection against cyberattacks which is carried out by the Faculty of Security Sciences at the University of Maribor. This study aims to gain an insight into the factors that influence the decisions of employees to take measures to protect against malicious software. Estimated time to complete the survey is 4-5 minutes.

For additional information regarding the study, contact us at [simon.vrhovec@fvv.uni-mb.si](mailto:simon.vrhovec@fvv.uni-mb.si).

### Mark your agreement with the statements about the seriousness of cyberattacks.

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
Cyberattacks pose a serious threat to me.	1	2	3	4	5	6	7
Consequences of successful cyberattacks would highly threaten me.	1	2	3	4	5	6	7
Cyberattacks pose a serious danger to me.	1	2	3	4	5	6	7
A successful cyberattack on our organization would greatly jeopardize the privacy of its confidential data.	1	2	3	4	5	6	7
A lot of our organization's confidential data collected by a successful cyberattack could be misused for criminal purposes.	1	2	3	4	5	6	7
A lot of our organization's confidential data collected by a successful cyberattack could be misused against it.	1	2	3	4	5	6	7

### Mark your agreement with the statements about the seriousness of cyberattacks.

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
I am very afraid of cyberattacks.	1	2	3	4	5	6	7
The prevalence of cyberattacks is terrifying.	1	2	3	4	5	6	7
Potential losses due to cyberattacks are causing me strong discomfort.	1	2	3	4	5	6	7
The danger of cyberattacks is alarming.	1	2	3	4	5	6	7

### Mark your agreement with the statements about exposure to cyberattacks.

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
It is very likely that I will be a victim of a cyberattack in the future.	1	2	3	4	5	6	7
My chances of becoming a victim of a cyberattack are very high.	1	2	3	4	5	6	7
I strongly feel that I will become a victim of a cyberattack in the future.	1	2	3	4	5	6	7
A successful cyberattack would greatly jeopardize my privacy.	1	2	3	4	5	6	7
A lot of my personal data collected by a successful cyberattack could be misused for criminal purposes.	1	2	3	4	5	6	7
A lot of my personal data collected by a successful cyberattack could be misused against me.	1	2	3	4	5	6	7

**Mark your agreement with the statements about exposure to cyberattacks and protective measures against cyberattacks.**

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
It is very likely that our organization will become a victim of a cyberattack in the future.	1	2	3	4	5	6	7
Chances of our organization becoming a victim of a cyberattack are very high.	1	2	3	4	5	6	7
I strongly feel that our organization will become a victim of a cyberattack in the future.	1	2	3	4	5	6	7
I am required to take protective measures against cyberattacks according to the organization's information security policy.	1	2	3	4	5	6	7
It is expected that I play an active role in taking protective measures against cyberattacks.	1	2	3	4	5	6	7
It is expected that I strictly adhere to organizational information security policies and procedures for protecting against cyberattacks.	1	2	3	4	5	6	7

**Mark your agreement with the statements below.**

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
When something is prohibited, I usually think: "That's exactly what I am going to do."	1	2	3	4	5	6	7
I consider advice from others as an intrusion.	1	2	3	4	5	6	7
Advice and recommendations induce me to do just the opposite.	1	2	3	4	5	6	7
I resist attempts of others to influence my decisions.	1	2	3	4	5	6	7
Organizational rules regarding the use of protective measures against cyberattacks trigger a sense of resistance in me.	1	2	3	4	5	6	7
I become annoyed when I am not able to make free and independent decisions about protective measures against cyberattacks.	1	2	3	4	5	6	7
I become angry if my freedom of choice regarding protective measures against cyberattacks is restricted.	1	2	3	4	5	6	7
When someone is forcing me to take protective measures against cyberattacks, I feel like doing the opposite.	1	2	3	4	5	6	7

**Mark your agreement with the statements about protective measures against cyberattacks below.**

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
The success rate of protective measures against cyberattacks is very high.	1	2	3	4	5	6	7
The probability of stopping cyberattacks by taking protective measures is very high.	1	2	3	4	5	6	7
The likelihood of neutralizing cyberattacks by taking protective measures is very high.	1	2	3	4	5	6	7
I have no problems using protective measures against cyberattacks.	1	2	3	4	5	6	7
Taking a protective measure against cyberattacks is entirely under my control.	1	2	3	4	5	6	7
I have all resources and skills needed to take protective measures against cyberattacks.	1	2	3	4	5	6	7

**Mark your agreement with the statements below.**

	Strongly disagree	Disagree	Somewhat disagree	Neutral	Somewhat agree	Agree	Strongly agree
Taking protective measures against cyberattacks is very work-intensive.	1	2	3	4	5	6	7
Taking protective measures against cyberattacks requires a lot of effort.	1	2	3	4	5	6	7
Taking protective measures against cyberattacks is very time-consuming.	1	2	3	4	5	6	7
I intend to take protective measures against cyberattacks in the future.	1	2	3	4	5	6	7
I predict that I will take protective measures against cyberattacks in the future.	1	2	3	4	5	6	7
I plan to take protective measures against cyberattacks in the future.	1	2	3	4	5	6	7

**Gender:**

- 1 Male
- 2 Female

**What age group do you belong to?**

- 1 Up to 20 years
- 2 21-25 years
- 3 26-30 years
- 4 31-35 years
- 5 36-40 years
- 6 41-45 years
- 7 46-50 years
- 8 51-55 years
- 9 56-60 years
- 10 61-65 years
- 11 66-70 years
- 12 71 years or more

**What is your highest formal education achieved?**

- 1 High school or less
- 2 Bachelor's degree
- 3 Master's degree
- 4 PhD degree

**You answered all the questions in this survey. Thank you for cooperation.**