

2022 Cybersecurity Review



118,820+

incidents managed

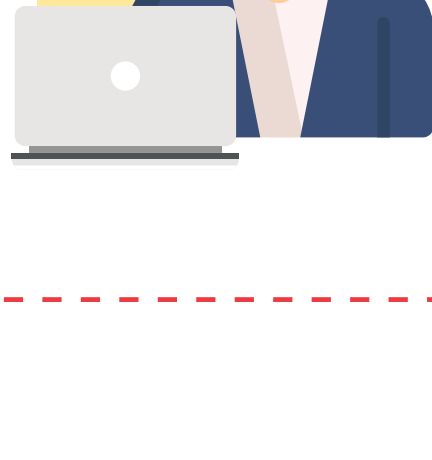
(up 8.8% on 2021)

Featured incidents

110,294

(up 22.3% on 2021)

Citizens and companies



1 in 3

Data breaches

Sensitive, protected or confidential data are copied, shared, seen, stolen or used by unauthorised person.



2 in 5

Vulnerabilities in technological systems

A fault or weakness in an information system that puts its security at risk.

48% Citizens

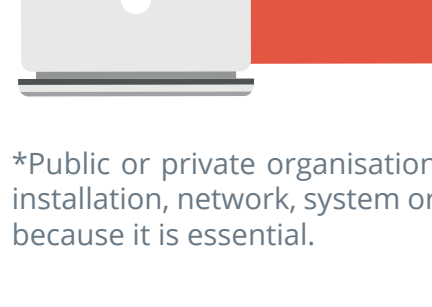
2 in 3 incidents are related to fraud (for example, using resources for inappropriate purposes, including profit-making activities).

52% Companies

9 in 10 incidents are related to vulnerable systems (faults or weaknesses in an information system that put its security at risk).

546

Critical and essential operators*



Energy **30.4%**

Finance and tax system **25.3%**

Water **17.2%**

Transport **17.2%**

7.980

Academy Network



9 in 10

(87%) of incidents related to **vulnerable systems**.

*Operating system of a device that has not been updated or is misconfigured.

*Public or private organisation responsible for an infrastructure in which an installation, network, system or physical or IT equipment is classified as critical because it is essential.

Most common incidents

1 in 4

Online fraud*

*Using resources for inappropriate purposes, including profit-making activities.

16,902 **phishing*** incidents.



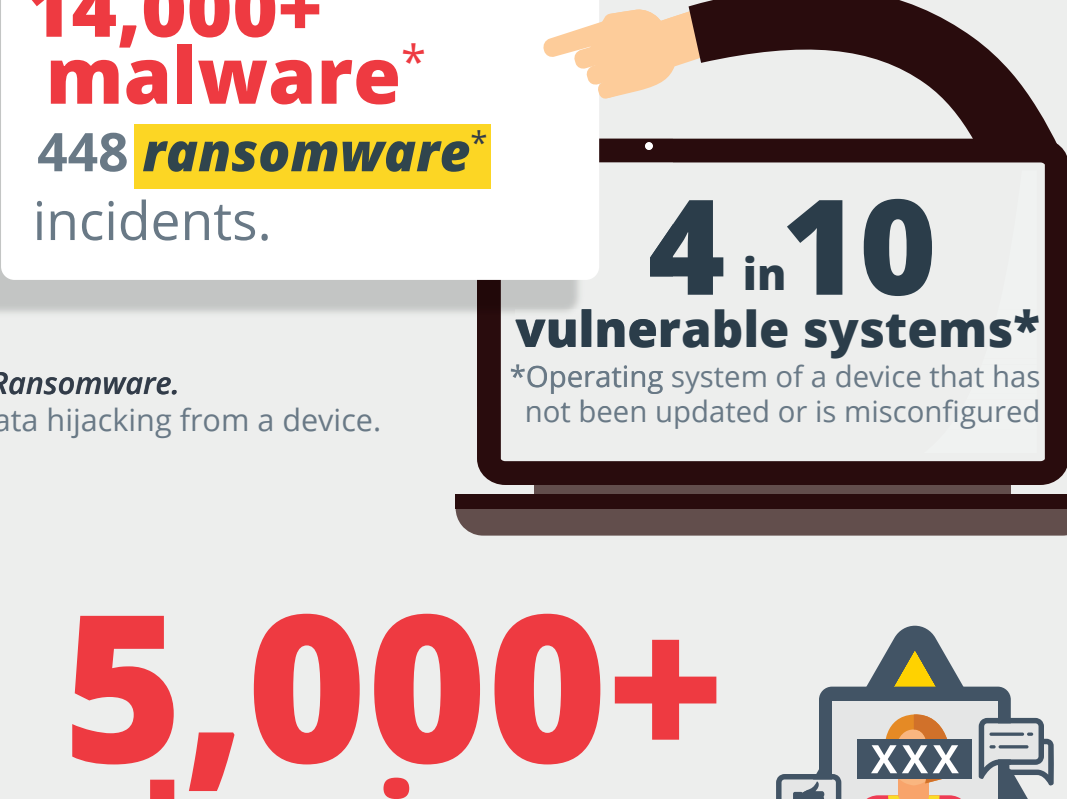
*Phishing. An email purporting to be from a legitimate entity to steal private information, make a payment or infect a device.



*Ransomware. Data hijacking from a device.



*Malware. Malicious software that performs actions such as data extraction or another type of system alteration.



fraudulent online shops

654 fraudulent shops closed in 2022.

5,000+

abusive content*

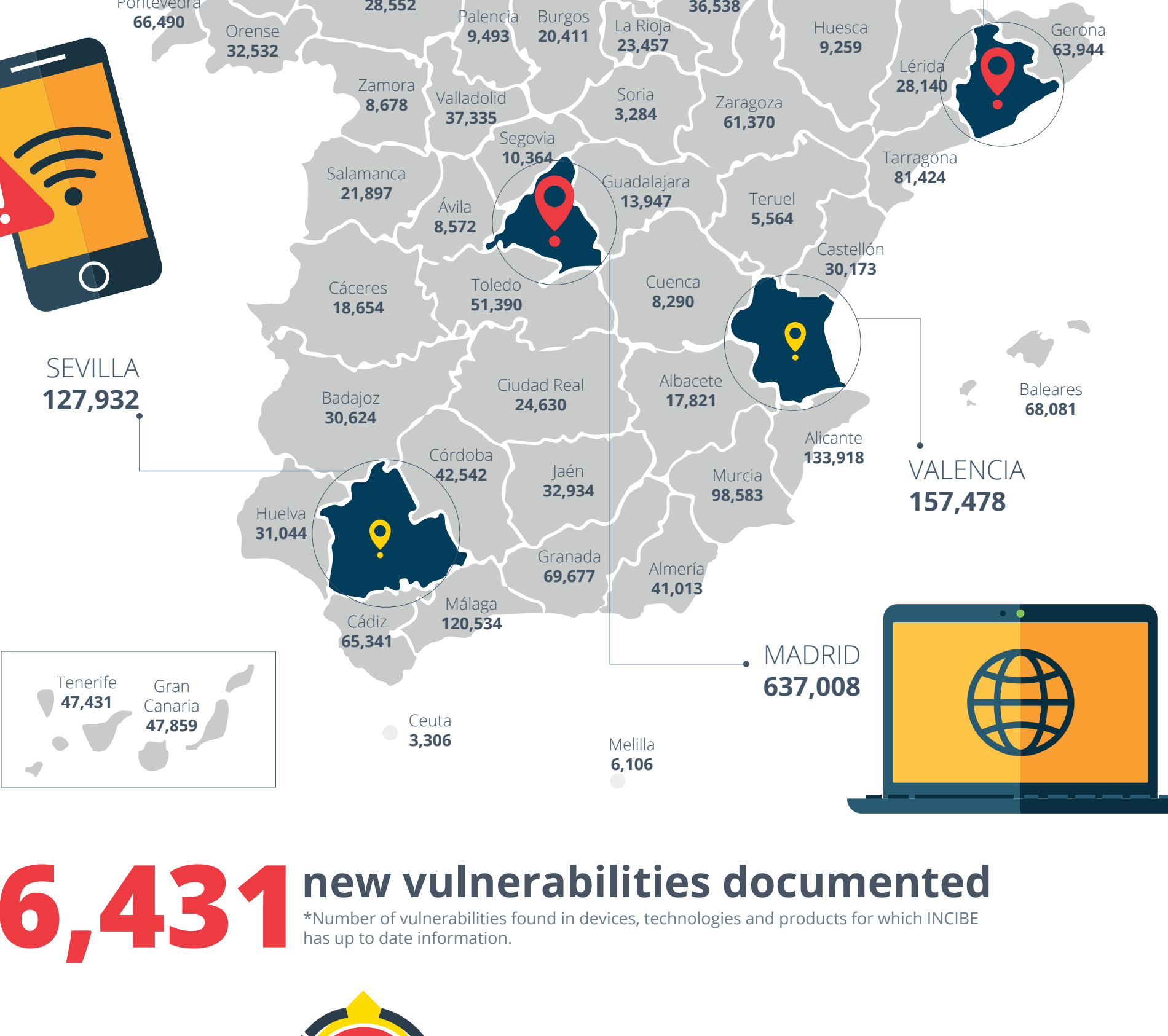
*child pornography, hate crime, cyber bullying, etc

Detected vulnerabilities

3,309,302

vulnerable devices*

*Internet connection points that have been detected to be potentially exposed, compromised or vulnerable (may be infected by malicious software, misconfigured or exposed on the Internet in an unwanted way).



26,431

new vulnerabilities documented

*Number of vulnerabilities found in devices, technologies and products for which INCIBE has up to date information.

67,322

queries and problems on the INCIBE Helpline



44,331 assisted by telephone

17,014 assisted by online chats

5,977 assisted by email

Common queries and problems

1 in 4

Queries are related to **phishing** on their devices.

10%

were searching for advice on the security of online shopping.

5,098

contacted 017 for identity theft.

5%

of citizens enquired about online privacy and reputation.

788

users asked about inheritance, donation and prize scams.

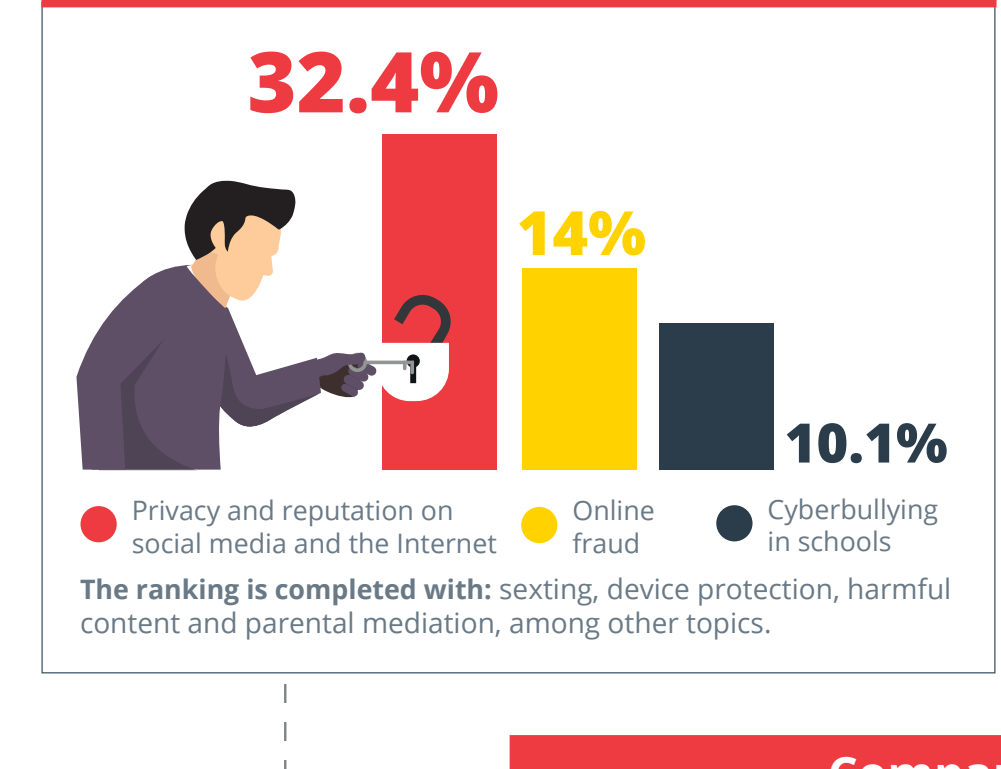
1,345

people called to report sextortion (blackmailing the victim to do something or give money under the threat of publishing or sharing intimate pictures).

700+

people request information about harassment.

Queries about minors and their environment



The ranking is completed with: sexting, device protection, harmful content and parental mediation, among other topics.

Citizen queries



The ranking is completed with: vishing (scam calls), intrusion, privacy and others.

Company queries



The ranking is completed with: fraudulently social media, extortion and scams; ransomware type attacks; identity theft on social, legal matters, etc.

Training and awareness raising

100,000+ People trained in 2022

People are reached with awareness raising campaigns on digital media, TV, print media, radio and external elements

38.7 million+

- Safer Internet Day 2022**: Over 32,000 Spanish students took part in the educational workshops and activities organised by INCIBE.
- Cyber cooperators**: 5,478 people trained at awareness-raising talks by 844 cyber cooperators.
- School Days**: 20,481 students aged between 6 and 13 trained.
- INCIBE Mobile Stand**: 14,951 participants.
- MOOC training courses**: 9,161 signed up.
- Cybersecurity Summer Bootcamp**: Over 200 people from 19 countries.
- Hacker Academy**: 4,790 people attended the thematic workshops.
- Awareness-raising presentations**: Over 200 presentations given.
- CyberCamp**: 3,399 people took part in cybersecurity training initiatives, both in person and online.
- "Senior Experience" Workshops**: 1,621 attendees learnt about cybersecurity and tested their skills.
- Other educational activities for young people**: 5,400 people attended workshops and talks.
- Other educational activities for citizens**: 2,119 people attended workshops and talks.