



## The Economic Impacts of Cyber Crime

Press Releases: European Project E-CRIME, duration 36 months, total cost € 3,749,289

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Over a four month period in 2015, the E-CRIME consortium conducted a telephone survey across six EU countries (the UK, Italy, Germany, Netherlands, Poland and Estonia) with the aim of measuring the financial impact of cybercrime on citizens. In total 6,394 people were interviewed, which included 1,242 cybercrime victims. The output of this survey represents the first representative data on detailed financial and non-financial losses of cybercrime victimisation for the selected countries.

The results of this survey provide an enlightening insight into the true economic impact of cybercrime at the level of the individual citizen. When it comes to cybercrime victimisation, whether this is online shopping fraud, extortion, scams, or identity theft (linked to credit cards, online banking, PayPal or online shopping) for around 90% of all victims and regardless of the type of cybercrime, there is a time-related cost of putting things right. For a monetary perspective the range is much greater with around 90% of victims losing money to online shopping fraud, down to around 10% of victims losing money to identity theft related credit card fraud. There were a range of other personal and professional consequences experienced by victims, including in extreme cases, the loss of employment.

In quantifying the direct financial losses experienced, the initial average cost of online banking identity-theft is 551€ per victim, online scams is 213€ per victim and online extortion is 82€ per victim. However, when it comes to identify theft related banking, credit card or PayPal fraud, the financial industry (i.e. your bank, cred card provider) is actually covering a significant portion of these crime losses by providing compensation.

The impact for online retail also become clear. As a result of being the victim of cybercrime over 60% of past victims will only shop from well-known and thereby trusted website, which has a direct impact on SMEs. Over 20% avoided future online shopping altogether.

More detailed results from this survey can be found here: <http://ecrime-project.eu/wp-content/uploads/2015/02/E-CRIME-Deliverable-4.2.pdf>

Top level European experts from several scientific domains and different industrial sectors have started to investigate the economic impacts of cyber crime in Europe

The key objectives of E- CRIME are:

1. To measure the economic impact of cyber crime on non-ICT sectors
2. To analyse the criminal structures and economies behind such crimes
3. To develop concrete measures to deter such crimes

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