

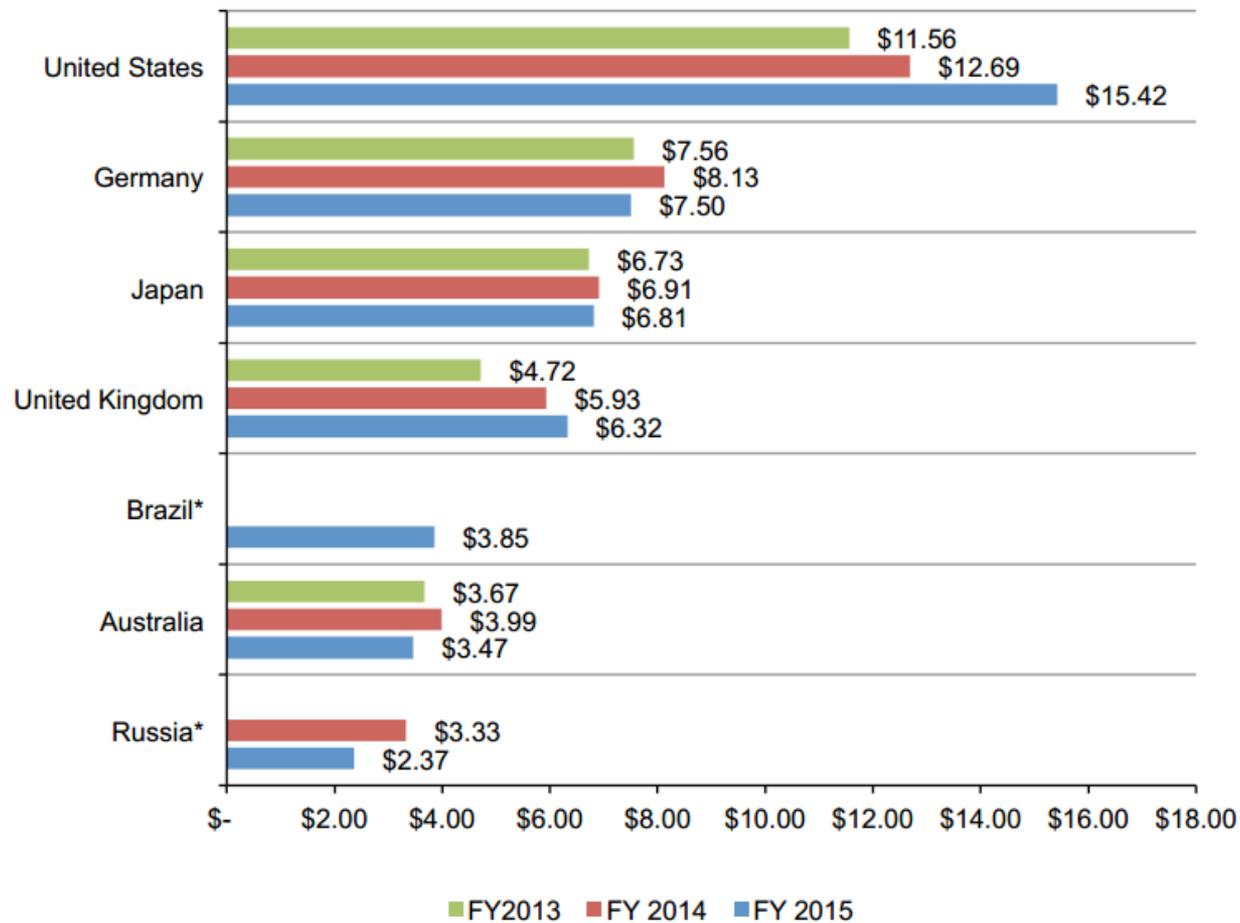
# Security Awareness Training



WMS

**Figure 1. Total cost of cyber crime in seven countries**

Cost expressed in US dollars (000,000), n = 252 separate companies



\* Results were not available for all fiscal years

The most expensive  
computer virus of all times

MyDoom

\$38.5 billion



# Social media

a hackers' favorite  
target

600,000

Facebook accounts are compromised every single day

Hackers use out of date versions to launch attacks

99%



of computers  
are vulnerable  
to exploit kits

# Social engineering

Cyber criminals' favorite way to manipulate victims



**\$1 billion**

**2 years**

**100 banks**

# 68% of funds



**lost as a result of a cyber attack  
were declared unrecoverable**

**170 days**

Average time to  
detect a malicious or  
criminal attack

**176%**

Increase in the number of cyber  
attacks, with an average of 138  
successful attacks per week

A high-angle, wide shot of a massive crowd of people, likely at a public event or rally. The crowd is densely packed and extends far into the background. Many individuals are holding up small flags, predominantly the Union Jack, which are scattered throughout the scene. The overall atmosphere appears to be one of a large-scale gathering. Overlaid on the center of the image is the text "user awareness & initiative" in a large, white, sans-serif font.

**user  
awareness  
&  
initiative**

# Main threats



# Malware



**Viruses**

**Worms**

**Trojans**

**Root kits**

**Logic bombs**

**Spyware**

**Adware...**

# Phishing

Fake email



# Pharming

Fake web site



OUR BLOOD TYPE IS **TEA!**

# Social Engineering



A close-up photograph of a hand holding a pair of tweezers. The tweezers are positioned over a background of binary code (0s and 1s). The word "PASSWORD" is highlighted in a black box, and the tweezers appear to be pointing at or interacting with it. The lighting is dramatic, with the hand and tweezers in the foreground being dark and the background being bright and filled with binary digits.

**PASSWORD**

"abcdefg" 7 characters



.29 milliseconds

"abcdefgh" 8 characters



5 hours

"abcdefghi" 9 characters



5 days

"abcdefghij" 10 characters



4 months

"abcdefghijkl" 11 characters



1 decade

"abcdefghijkl" 12 characters



2 centuries

**Authentication verifier:**

**Passwords**

**Shared secrets**

**Cryptographic private keys**

**Financial Information**

**Health Information (PHI)**

**Export Controlled Materials**

**Tax Information**

**Payment Card Information**

**Personally Identifiable Education Records**

**Personally Identifiable Information**

**Controlled Technical Information (CTI)**

**...**

# Encryption

Handwritten text in a cursive script, likely a historical document or manuscript. The text is written in brown ink on aged, yellowish paper. The script is dense and difficult to decipher, suggesting it may be a form of encryption or a highly stylized cursive. The text is arranged in several lines, with some words appearing to be repeated or written in a similar pattern. The overall appearance is that of an old, possibly encrypted, document.

# Dumpster diving





**POLICIES & PROCEDURES**