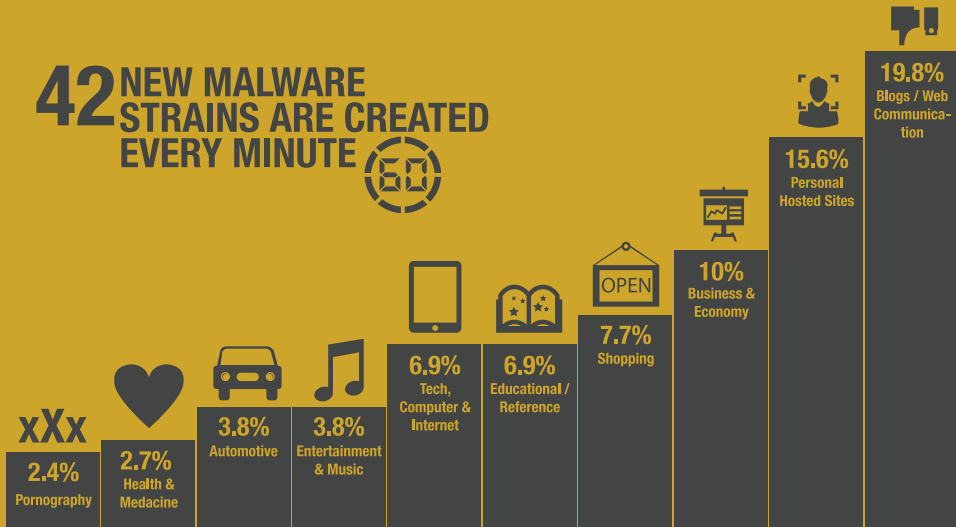# MALWARE IS EVERYWHERE

HERE IS THE SCOPE OF THE THREAT AND WAYS TO PROTECT YOURSELF

Malware
In any of its ugly forms-computer viruses, worms, trojan horses, spyware is designed to disrupt, gather senstive information or gain access to private networks.

42 NEW MALWARE STRAINS ARE CREATED EVERY MINUTE

THE TOP 10 MOST FREQUENTLY EXPLOITED CATEGORIES OF WEBSITES

- **2.4%** Pornography
- **2.7%** Health & Medacine
- **3.8%** Automotive
- **3.8%** Entertainment & Music
- **6.9%** Tech, Computer & Internet
- **6.9%** Educational / Reference
- **7.7%** Shopping
- **10%** Business & Economy
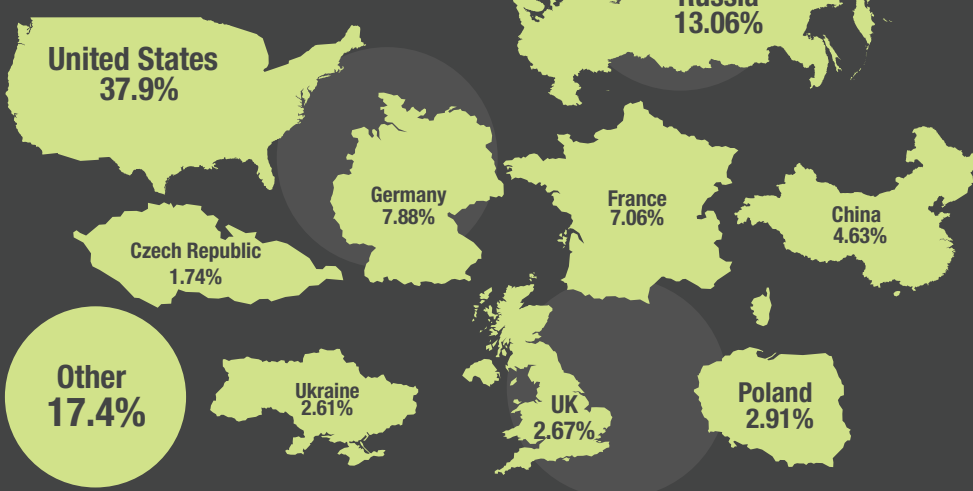- **15.6%** Personal Hosted Sites
- **19.8%** Blogs / Web Communication

THE INTERNET IS AN INCREASINGLY DANGEROUS PLACE

Malware including viruses, worms, Trojan horses, spyware, adware, and other malicious programs can:

- **Compromise your identity**
- **Destroy your data**
- **Slow down your computer**

SOURCES OF DANGER

THE TOP 10 COUNTRIES HOSTING MALWARE (VIA INFECTED WEB PAGES)

- United States **37.9%**
- Russia **13.06%**
- Germany **7.88%**
- France **7.06%**
- China **4.63%**
- Czech Republic **1.74%**
- Ukraine **2.61%**
- UK **2.67%**
- Poland **2.91%**
- Other **17.4%**

THE TARGETS OF ATTACKS

It isn't just large companies that experience attacks. The second highest percentage of attacks is on small business. Whatever the size of an organization, none are exempt.
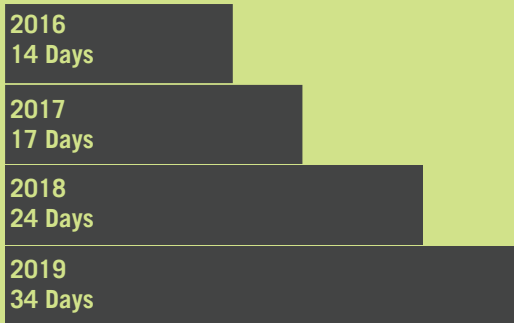
DANGER IN THE BOX
Web sites aren't the only cause of Malware. Viruses are a type of Malware often spread

1 in 239 emails contains a virus

Pie chart:
- **50%** 2,500+ employees
- **18%** 1-250 employees
- **9%** 1,501-2500 employees
- **8%** 501-1000 employees
- **5%** 1,001-1,500 employees
- **10%** 251-500 employees

CONSEQUENCES OF ATTACKS
232.4 MILLION IDENTITIES **STOLEN**

187.2 MILLION BY HACKING ATTACKS

DOWNTIME AND LOST PRODUCTIVITY

The average time it takes an organization to resolve an attack is increasing:

- **2016** 14 Days
- **2017** 17 Days
- **2018** 24 Days
- **2019** 34 Days

93% OF COMPANIES UNABLE TO ACCESS THEIR DATA CENTER FOR OVER 10 DAYS WILL GO OUT OF BUSINESS WITHIN A YEAR

NO. 1 CAUSE OF INFECTIONS: HUMAN ERROR

OOPS...

45% of infections were caused by users tricked into doing somthing that they shouldn't have done.

WAYS TO STAY SAFE

- Neuron's Web Content Filter Service.
- Use unique secure passwords for each login.
- Keep your operating system and browser up to date.
- Use anti-virus and anti-malware protection: utilize a firewall and spam filter.
- Don't download or install files from untrusted websites.
- Train your employees to prevent information security incidents.
- Don't open email attachments unless they are from a trusted source.

SOURCES

AnchorFree
http://www.symantic.com/
http://www.securelist.com/
http://www.nortoncybercrimeindex.com
Microsoft Security Intelligence Report, Volume 11
http://www.scienceafrica.co.za/2002/october/viruses.html
http://www.mcafee.com/au/about/news/2012/q/20120221-01.aspx
http://www.bostoncomputing.net/consultation/databackup/statistics/
http://www.microsoft.com/security/sir/strategy/default.aspx#!section_2_1
http://www.sophos.com/medialibrary/PDFs/other/SophosSecurityThreatReport2012.pdf
http://www.huffingtonpost.com/2012/10/11/shamoon-virus-leon-panetta_n_196011.html
http://www.symantec.com/content/en/us/about/media/pdfs/b-ponemon-2011-cost-of-data-breach-us.en-us.pdf
http://www.symantec.com/content/en/us/enterprise/other_resources/b-istr_main_report_2011_21239364.en-us.pdf

Neuron Computer Services

Contact Neuron Computer Services today for a free 30 day trial of Web Filter Content Service

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