

MALWARE HAD ITS BIGGEST YEAR EVER. DON'T GET STUCK WITH THE BILL.

Dark Web Purchases

Ransomware kit	\$10.50 ¹
Spam botnet	\$200 per million sends ²
ATM malware	\$5,000 ³
Custom malware with source code	\$1,000 ¹
Karmen Cryptolocker	\$175 ⁴
Access to hacked server	\$6 ¹

The Financial Fallout

2016 Uber ransom	\$100,000 ⁵
Average ransomware payout	\$163,000 ¹
Nayana single ransomware payout	\$1 million ⁶
2016 ransomware payouts	\$1 billion ⁷
NotPetya damage as of Nov. 2017	\$1.2 billion ⁸

The Big Picture

Total sales of ransomware in 2016	\$249,287 ¹
Total sales of ransomware in 2017	\$6.2 million+ ¹
Predicted damage caused by ransomware in 2017	\$5 billion ⁹
Predicted annual ransomware damage by 2019	\$11.5 billion ¹⁰
Cyber crime damage forecast for 2021	\$6 trillion ¹¹

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¹ https://www.darkreading.com/attacks-breaches/ransomware-dark-web-sales-spike-2502--in-2017/d/d-id/1330095?_mc=rss_x_drr_edt_aud_dr_x-_x-rss-simple

² <https://www.secureworks.com/resources/rp-2017-state-of-cybercrime>

³ <http://www.zdnet.com/article/atm-malware-available-online-for-only-5000/>

⁴ <https://www.darkreading.com/attacks-breaches/advanced-low-cost-ransomware-tools-on-the-rise/d/d-id/1328675>

⁵ <https://www.bloomberg.com/news/articles/2017-11-21/uber-concealed-cyberattack-that-exposed-57-million-people-s-data>

⁶ <https://arstechnica.com/information-technology/2017/06/web-host-agrees-to-pay-1m-after-its-hit-by-linux-targeting-ransomware/>

⁷ <http://money.cnn.com/2016/04/15/technology/ransomware-cyber-security/index.html>

⁸ <https://www.cybereason.com/blog/notpetya-costs-companies-1.2-billion-in-revenue>

⁹ <https://cybersecurityventures.com/ransomware-damage-report-2017-5-billion/>

¹⁰ <https://cybersecurityventures.com/ransomware-damage-report-2017-part-2/>

¹¹ <https://rs.ivanti.com/infographics/ivi-2078-superior-cyber-security.pdf>