

Real-World Implications: The 2017 WannaCry Cyberattack



230,000 computers were impacted in at least **150** countries¹

Healthcare systems across the world are increasingly dependent on digital technology to deliver care. **It is crucial to understand the potential vulnerabilities and repercussions of a cybersecurity breach.** In May 2017, the WannaCry global ransomware attack became one of the most wide-spread and damaging cyberattacks in history, attacking Russia's Interior Ministry and global firms like FedEx, Nissan Motor Manufacturing UK and Renault.¹ The National Health Service (NHS) of England was one of WannaCry's biggest casualties. While it was confined within 24 hours, over the next week, **WannaCry's impact resulted in significant disruption to patients and healthcare staff across the NHS.**

Snapshot of NHS disruption caused by the WannaCry cyberattack



Organizations Affected

80+ hospitals

locked out of digital systems and medical devices.¹

Appointments Canceled



13,500⁴

Financial Impact



\$107.5 million⁵

in lost output, IT support and additional efforts required to recover data and restore systems.⁵

FAST FACT

Healthcare is one of the sectors most exposed to cyberattacks; partly because of the vulnerability of the systems, often running on legacy platforms, and the data they store.²

Patient data, consisting of billing information, health details and personal information **is more valuable on the dark web than credit card data.**³

*USD converted from £/GBP as of 8/2022

Sources

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