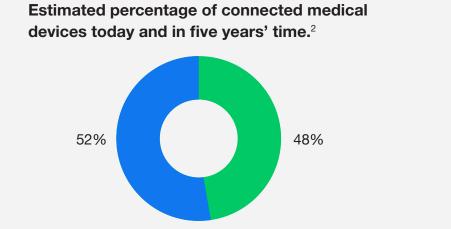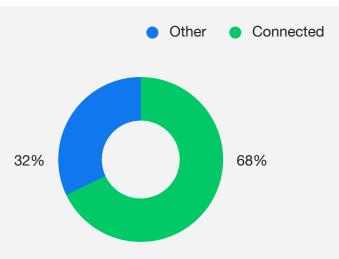# How vulnerable is the internet of medical things to cyber threats?

As the number of smart medical devices begin to grow, so does the cyber risk. Discover just how vulnerable your IoMT devices are.

The global IoMT market is projected to grow to **$254.2 billion in 2026 – 5.7 times more than in 2018** ($44.6 billion).[1]

Estimated percentage of connected medical devices today and in five years' time.[2]

● Other   ● Connected

52%   48%

32%   68%

The **typical hospital room has 15-20 connected devices** on average, with **an average of 6.2 cybersecurity vulnerabilities** between them.[3]

At least 50 billion medical devices will be connected to clinical systems by 2030.[4]

Healthcare has experienced more breaches than any other sector over the past 3 years.[5]

Healthcare data breaches are the costliest. In 2021, the average cost was $9.42 million per incident. Ransomware attacks cost an average of $4.62 million per incident.[6]

Cyberattacks cost the healthcare sector over $20 billion in 2020 due to lost revenue, lawsuits, and ransom.[7]

Attacks exploiting customer databases, employee information and R&D platforms include:[4]

| RANSOMWARE | MALWARE | PHISHING | SPOOFING | DDOS |

88% of U.S. medtech leaders don't think their company is prepared to prevent a cyberattack.[8]

IoT technologies can improve patient care, but also pose serious risks when not properly secured. Contact Nuspire today to help minimize these vulnerabilities in your healthcare organization and ensure you're HIPAA compliant.

1 - All The Research, "Global Internet of Medical Things (IoMT) Market," 2016-2026.
2 - Deloitte, "Medtech and the Internet of Medical Things," July 2018.
3 - Cisco, "Securing Internet-Connected Devices in the New Era of Healthcare," Oct. 2020.
4 - Healthcare Digital Magazine, "How IoMT can protect healthcare from cyber attacks," June 2021.
5 - SANS, "2021 Top New Attacks and Threat Report," July 2021.
6 - HIPAA Journal, "The Average Cost of a Healthcare Data Breach is Now $9.42 Million," July 2021.
7 - Comparitech, "Ransomware attacks on US healthcare organizations cost $20.8bn," March 2021.
8 - MedTech Intelligence, "IoMT, Connected Devices Introduce More Cyber Threats into MedTech and Healthcare Organizations," July 2021.

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