Bayside Health Partners capstone · Base-rate data card

Six numbers. Which ones move Bayside's probability, and in which direction? Run each through the three-question screen. Unique to Bayside? Whole sector, or a subset? Are Bayside's defenses better or worse than the industry standard?

7–12%

Healthcare material-breach base rate, per health system, per year

Three reference classes: healthcare industry 7–12% (HHS OCR breach portal via HIPAA Journal 2024 report; Cyentia IRIS 2025; IBM 2025); mid-size hospital-system peers 10–15% (Verizon DBIR 2025; AHA Hospital Statistics 2025); analyst and model consensus 8–12% (Cyentia IRIS 2025 cross-industry 9.3%; FAIR Institute healthcare analyses 5–15%).

$7.42 million

Average healthcare breach cost

Costliest industry for the 14th consecutive year, 279-day average lifecycle. IBM Cost of a Data Breach Report 2025.

80%

Ransomware re-attack after paying

80% of organizations that paid were hit again; 68% within a month. Cybereason, Ransomware: The True Cost to Business, 2022.

over 99%

Identity-compromise attacks stopped by phishing-resistant MFA

Phishing-resistant MFA stops over 99% of identity-compromise attacks (Microsoft Digital Defense Report 2024); stolen credentials were the initial access vector in 22% of breaches (Verizon DBIR 2025).

68%

Legacy medical devices on unsupported operating systems

68% of healthcare IoT devices run unsupported operating systems (Cynerio, via the C2A Security 2025 compilation); 63% of CISA Known Exploited Vulnerabilities are found on hospital networks (Claroty, State of CPS Security: Healthcare 2025).

41%

Third-party breaches in 2024 that hit healthcare

41% of all third-party breaches in 2024 hit healthcare (HIPAA Journal 2025); third-party involvement in breaches doubled from 15% to 30% year over year (Verizon DBIR 2025).

Sources

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