

CRITICAL INFRASTRUCTURE FAST FACTS

CYBER SECURITY WITHIN THE HEALTHCARE & PUBLIC HEALTH SECTOR

Critical Infrastructure refers to the assets, systems, and networks, whether physical or virtual, so vital to the United States that their incapacitation or destruction would have a debilitating effect on our Nation's way of life.

In 2019, the healthcare industry has incurred an average of \$6.35 million per breach.

Collaboration & information sharing are crucial between the public & private sector in order to increase resilience of the nation's Healthcare & Public Health Sector's Critical Infrastructure, as most assets are privately owned & operated.

4 out of 5

U.S. physicians have experienced some form of a cyber security attack

HHS leveraged the HPH sector's Critical Infrastructure Security and Resilience Partnership to establish the 405(d) Task Group, which created Health Industry Cybersecurity Practices: Managing Threats & Protecting Patients (HICPP) to raise awareness, provide vetted cybersecurity practices, & move organizations towards consistency in mitigating the most pertinent cybersecurity threats.

Physical and cyber infrastructure have grown inextricably linked, meaning both cyber and physical measures are required to guard against the full array of threats. Growing interdependencies among infrastructure sectors and lifeline functions also impact the management of infrastructure risk.

It is estimated that the cost of data breaches will rise from \$3 trillion each year to over \$5 trillion by 2024

The Sector-Specific Agency for the Healthcare & Public Health Sector is the U.S. Department of Health & Human Services (HHS). Within HHS, it is the Office of the Assistant Secretary for Preparedness and Response (ASPR) which provides excellent resources to help our sector to become more secure and resilient.

The Healthcare & Public Health (HPH) Sector works to protect all sectors of Critical Infrastructure & the economy overall from hazards such as terrorism, infectious disease outbreaks, and cyber-attacks

ASPR leads the nation's medical and public health preparedness for, response to, and recovery from disasters and public health emergencies

