



Syber GRC: Healthcare

Agenda

Defining Challenge in Healthcare

- Explanation

Consequence of Healthcare Data Breach

Healthcare || Data Breach Facts

Healthcare Regulations & Standards

Mapping of Healthcare standards to NIST

How iDPS maps to NIST

Questions & What's Next

Challenges in Healthcare:

- The growing attack surface: Rapidly growing size of healthcare data, government is pushing for digitization.
- Cybersecurity risks are ignored: Compliances such as GDPR, HIPAA/HiTRUST should come in play to prevent such Cyber attacks.
- Small Health organizations are struggling to keep up: small health organizations are struggling to keep up.
- Healthcare data is very valuable: data has been referred as “the New Oil”.

•**Reference:**
<https://www.lepide.com/blog/the-10-biggest-data-security-problems-in-the-healthcare-industry/>

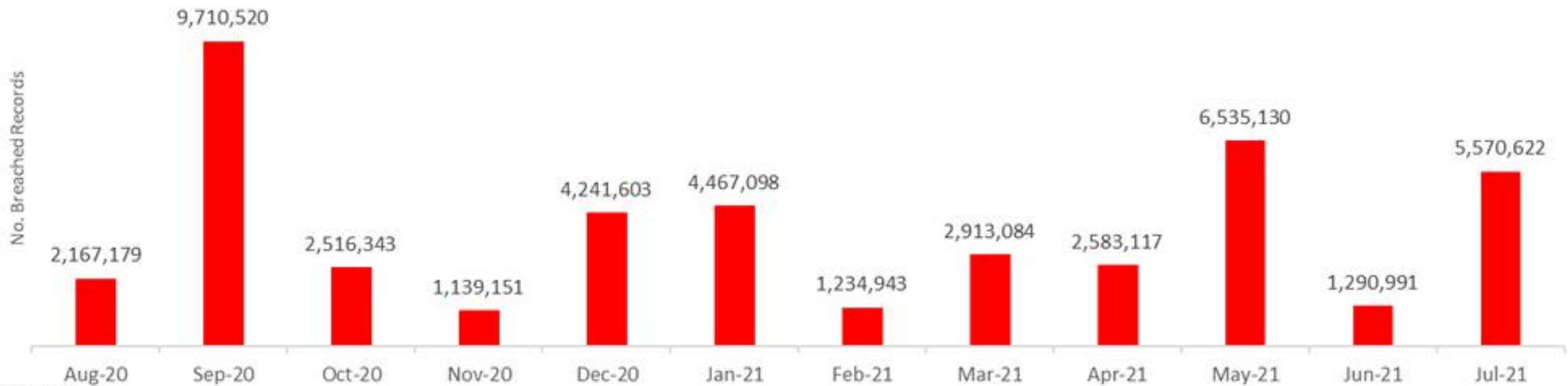
Challenges in Healthcare | Cont.

- Patients are in more control of their medical data: Its important for the healthcare organization to be aware about the access of 'Who is accessing what'
- Limited resources for Cyber Security: The organization should optimize the cyber security investment based on the quantum of data.

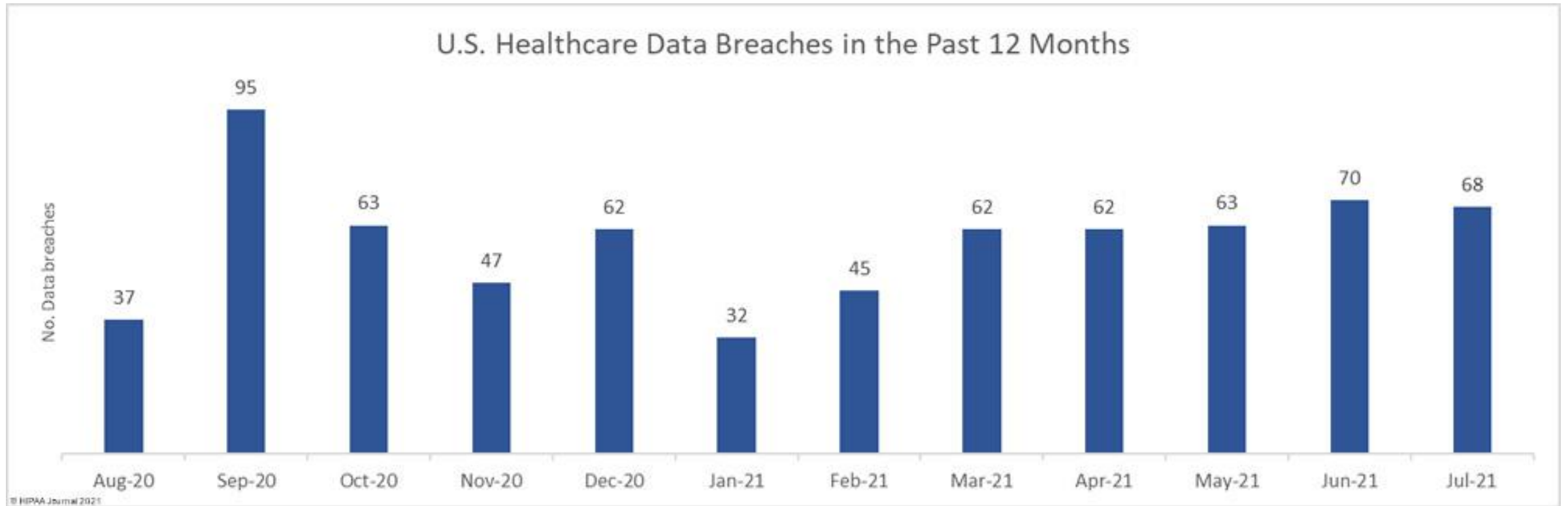
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Healthcare Records compromised in past 12 months.

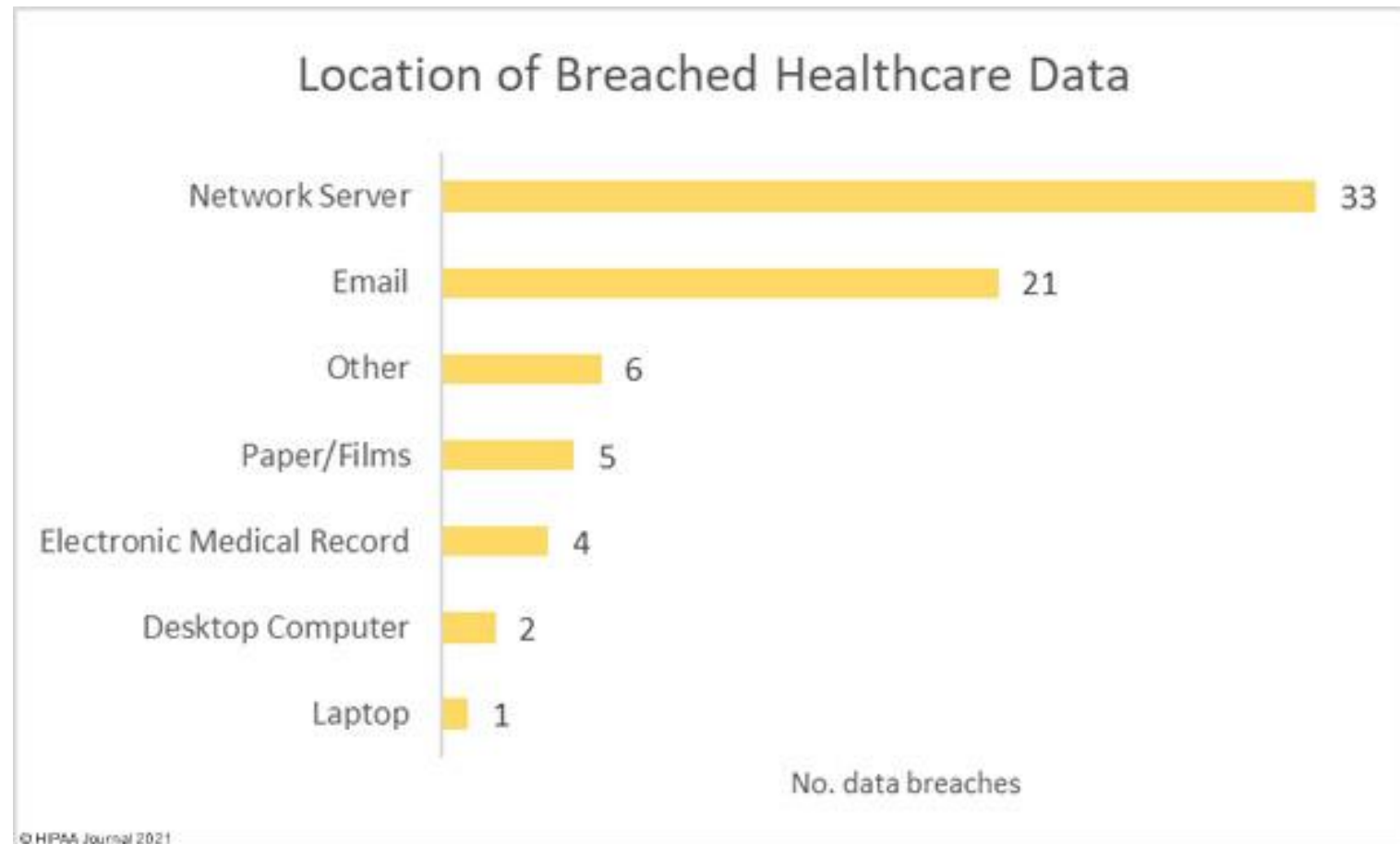
Healthcare Records Compromised in the Past 12 Months



U.S. Healthcare Data Breaches in Past 12 months.



Location of Breached Healthcare Data



HITRUST control mapping with iDPS

Control Objective	Control Reference	iDPS Feature Mapping
01.02 Authorized Access to information systems	0.1.c Privilege Management	Provide visibility of permission on structured and unstructured Data
	0.1.e Review of User Access rights	Provide visibility of permission on structured and unstructured Data
01.06 Application and information Access Control	01.V Information Access Restriction	Provide visibility of permission on structured and unstructured Data
	01.W Sensitive System Isolation	Provide visibility of permission on structured and unstructured Data
03.01 Risk Management Program	03.B Performing Risk Assessments	Complete Data Governance/Information Risk Solution
	03.D Risk Evaluation	Complete Data Governance/Information Risk Solution

HITRUST controls mapping with iDPS

Control Objective	Control Reference	iDPS Feature Mapping
07.01 Responsibility of Assets	07.A Inventory of Assets	Complete Data Scanning and Reporting with iDPS
	07.B Ownership of Assets	Complete Data Scanning and Reporting with iDPS
09.07 Media Handling	09.o Management of Removable Media	Complete Data Scanning and Reporting with iDPS
	09.P Disposal of Media	Complete Data Scanning and Reporting with iDPS
13.04 Data Minimization	13.i Collection Limitation	Complete Data Governance/Information Risk Solution
	13.J Data Minimization	Complete Data Governance/Information Risk Solution

HITRUST controls mapping with iDPS

Control Objective	Control Reference	iDPS Feature Mapping
07.01 Responsibility of Assets	07.A Inventory of Assets	Complete Data Scanning and Reporting with iDPS
09.10 Monitoring	09.Ab Monitoring System Use	Complete Data Scanning and Reporting with iDPS
13.07 Accountability & Auditing	13.Q Privacy and Impact Assessment	Complete Data Governance/Information Risk Solution
	13.S Privacy Monitoring and Auditing	Complete Data Governance/Information Risk Solution
	13.U Privacy Protection Reporting	Complete Data Governance/Information Risk Solution





WHAT'S NEXT

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