

Expertise you can trust

## By the Numbers: Second Quarter 2020

From 2009 to June 30, 2020, **3,050 breaches** that affected 500 or more patients were reported to the Department of Health and Human Services (HHS), for a total of **237,179,101 patients** affected.

The percentage of patients affected by hacking is holding steady at **77%**, reflecting the continued success achieved by cyber criminals in obtaining valuable healthcare data.

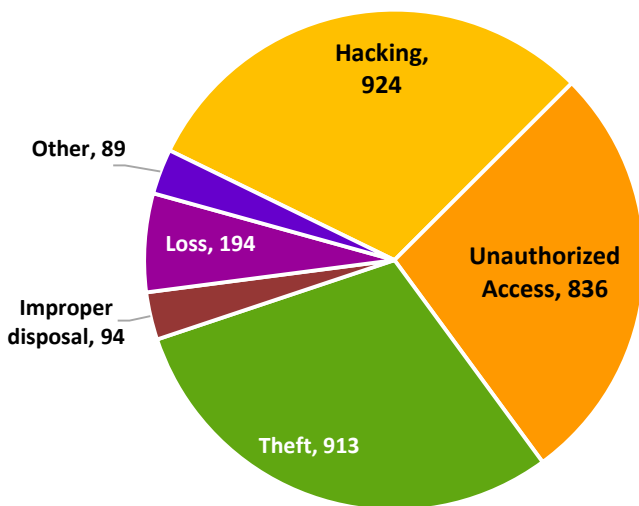
**Hacking** and **unauthorized access** continue to trend as highly significant figures in large reported cyber breaches this quarter. The “unauthorized access” category includes ransomware, social engineering/phishing attacks, and a variety of other exploits.

In the most recent quarter, **90 of the 106 reported breaches** were categorized as hacking and unauthorized access. This staggering number represents approximately **85%** of all the events reported this quarter, and **74% of all individuals** whose data was compromised.

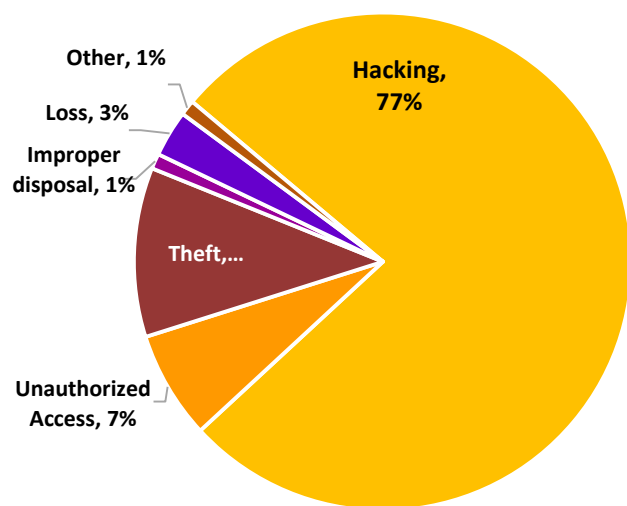
### Breach Breakdown

Exploit Type	Number of Incidents	% of Total Incidents	Number of Patients	% of Patients
<b>Hacking</b>	<b>924</b>	<b>30%</b>	<b>181,922,233</b>	<b>77%</b>
<b>Unauthorized Access</b>	<b>836</b>	<b>28%</b>	<b>15,848,488</b>	<b>7%</b>
Improper Disposal	94	3%	1,914,904	1%
Loss	194	6%	8,145,957	3%
Other	89	3%	3,163,499	1%
Theft	913	30%	26,184,020	11%

Q2 '20 Breach Type



Q2 '20 Patient Impact



## Business Associates/Business Partners

Since reporting began, business associates and business partners have reported **706 incidents**, or **23% of all breaches** since reporting began, and **72,372,294 patients**, or **30% of the total** who have been impacted.

This past quarter, business associates/business partners were the target of **36% of all breaches reported, impacting 55% of all individual victims.**

## Growing Threat

Email continues to grow as a vector for attacks, **rising by 2%** this quarter. **Email was the #1 source for data breaches, impacting 1.2 million individuals.**

## High-Value Target

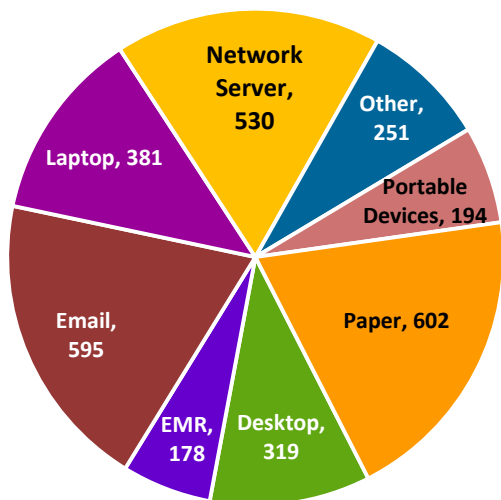
Network server attacks were third in rank this quarter, and impacted the largest number of patients (**178 million, or 75% of the total**).

Network servers are logically the most attractive hacking targets because they offer the greatest concentration of valuable data. The “email” category includes ransomware, social engineering/phishing attacks providing a gateway to the network.

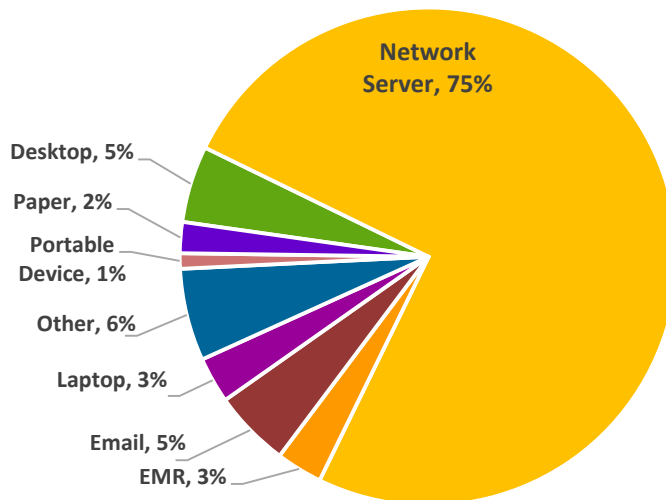
## Data Location Breakdown

Data Location	Number of Incidents	% of Total Incidents	Number of Patients	% of Patients
<b>Email</b>	<b>595</b>	<b>20%</b>	<b>11,185,677</b>	<b>5%</b>
<b>Network Server</b>	<b>530</b>	<b>17%</b>	<b>178,419,929</b>	<b>75%</b>
EMR	178	6%	7,917,746	3%
Desktop	319	11%	11,109,657	5%
Laptop	381	12%	7,152,659	3%
Other	251	8%	14,134,218	6%
Portable Device	194	6%	2,426,429	1%
Paper	602	20%	4,832,786	2%

Q2 '20 Breaches - Data Location



Q2 '20 Patient Impact - Data Location



Source: [https://ocrportal.hhs.gov/ocr/breach/breach\\_report.jsf](https://ocrportal.hhs.gov/ocr/breach/breach_report.jsf)