

## FIRST QUARTER CYBERSECURITY SECTOR STATISTICS REPORT FOR THE FINANCIAL YEAR 2021/2022 (JULY - SEPTEMBER 2021)

## Direct any queries on the report to: Assistant Director/ Cyber Security and E-Commerce

Tel: +254-703 042000, +254 - 713 172000

Email: incidents@ke-cirt.go.ke

Websites: www.ke-cirt.go.ke, www.ca.go.ke

## LIST OF ACRONYMS

**DDoS - Distributed Denial-of-Service** 

**KE-CIRT/CC - National Kenya Computer Incident Response Team/Coordination** 

Centre

## NATIONAL CYBERSECURITY LANDSCAPE REVIEW

During the period July - September 2021, the National KE-CIRT/CC detected **143,040,599** cyber threat events, which was a **268.883%** increase from the **38,776,699** threat events detected in the previous period, April - June 2021. This increase in cyber threat events detected is attributed to the significant increase in targeted attacks at critical systems and services; increased activity by ransomware groups; adoption of more sophisticated tools by cyber threat actors; increased targeted attacks at Internet of Things (IoT) devices; increased exploits of third-party mobile application vulnerabilities; increased targeted attacks at unsecured infrastructure; and increased adoption of botnet and Distributed Denial of Service (DDoS) attack techniques. This is illustrated in the table below.

Overall Cyber	Q4	Q1
Threats Detected	April-June	July -
	2021	September
		2021
Malware	23,053,190	70,501,144
DDOS/Botnet	11,272,402	49,816,062
Web Application	2,564,173	478,123
Attacks		
System	1,886,934	22,245,270
Vulnerabilities		
Totals	38,776,699	143,040,599

In response to the detected cyber threat attempts, the National KE-CIRT/CC issued **73,851** advisories. This was a **178.305%** increase compared to the **26,536** advisories that were issued during the period of April - June 2021. This is as indicated in the table below.

Overall Cyber Threat	Q4	Q1
Advisories	April – June 2021	July - September
		2021
Malware	2,215	17,896
DDOS/Botnet	278	3,300
Web Application	223	603
Attacks		
System Vulnerabilities	23,253	51,779
Others	567	273
Totals	26,536	73,851

Further, during the period July - September 2021, the National KE-CIRT/CC received **247** digital investigation cases, which was a **53.3081%** decrease as compared to **529** cases in the previous period as illustrated in the table below. The decrease in the number of investigative cases may be attributed to the continued cyber awareness efforts to counter harmful online practices.

Investigation	Q4	Q1
Category	April - June 2021	July-September
		2021
Impersonation	302	127
Online Fraud	97	47
Online Abuse	129	72
	(incitement-102,	(Incitement-49 and
	cyberbullying- 25	cyberbullying- 23
	and	
	fake News-2)	
Child Abuse	1	1
Totals	529	247