

# DNS Abuse Trends

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# Concentrations – ICANN Data



# As of February 2023

## TLDs

1145

## Sum of domains in zones gTLDs

215,730,261

## TLDs with security domains listed

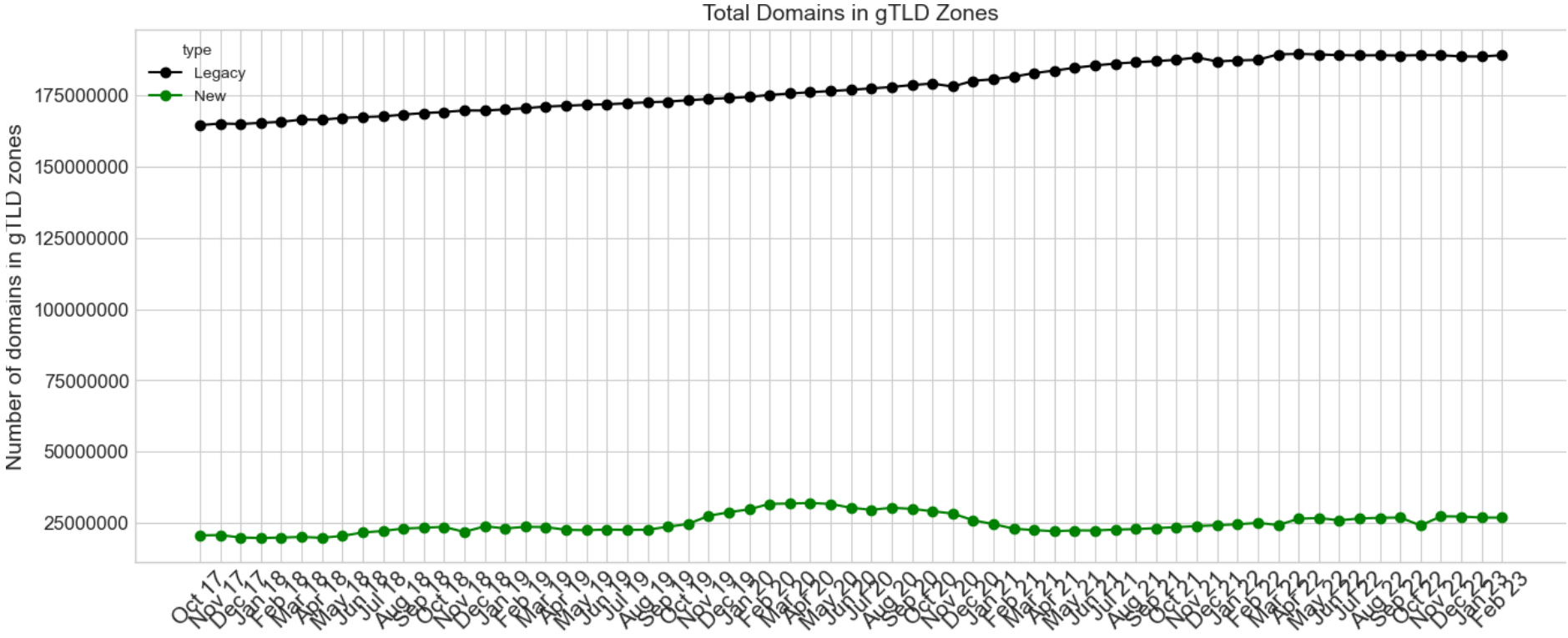
427

## Sum of listed security threat domains

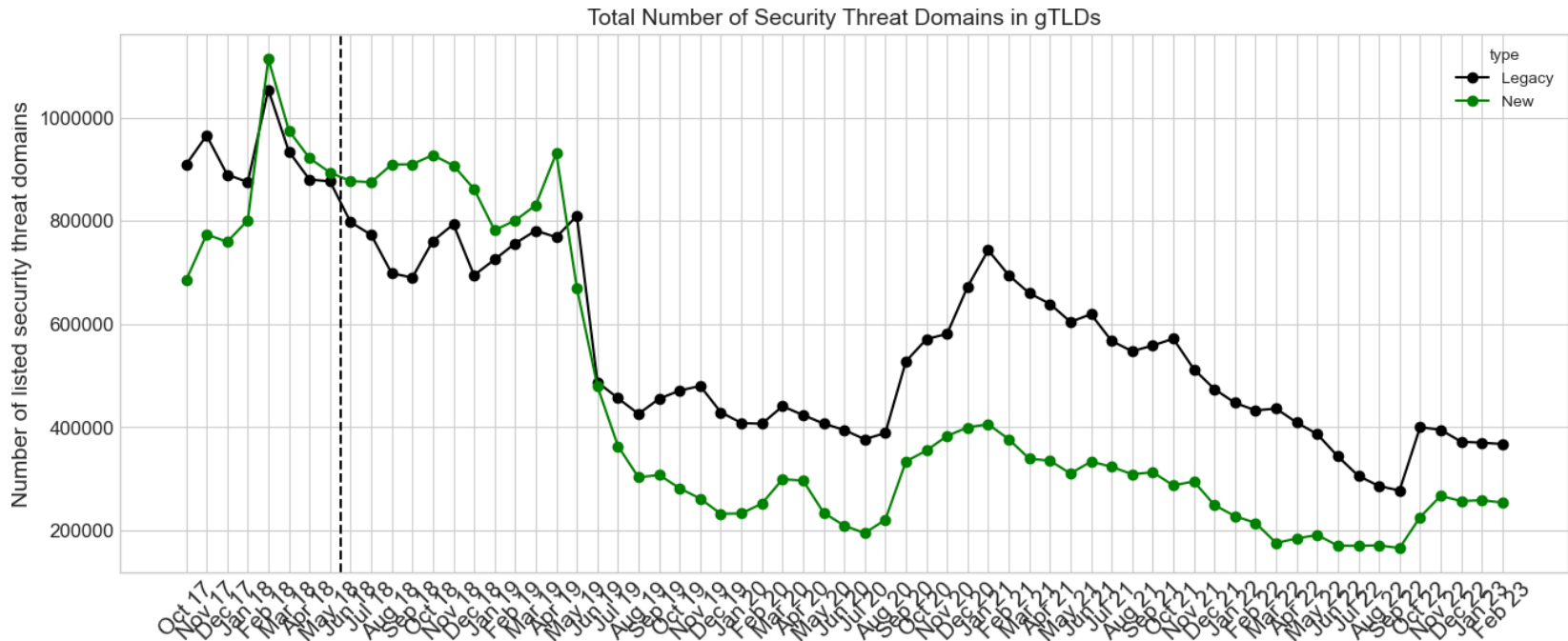
634,579



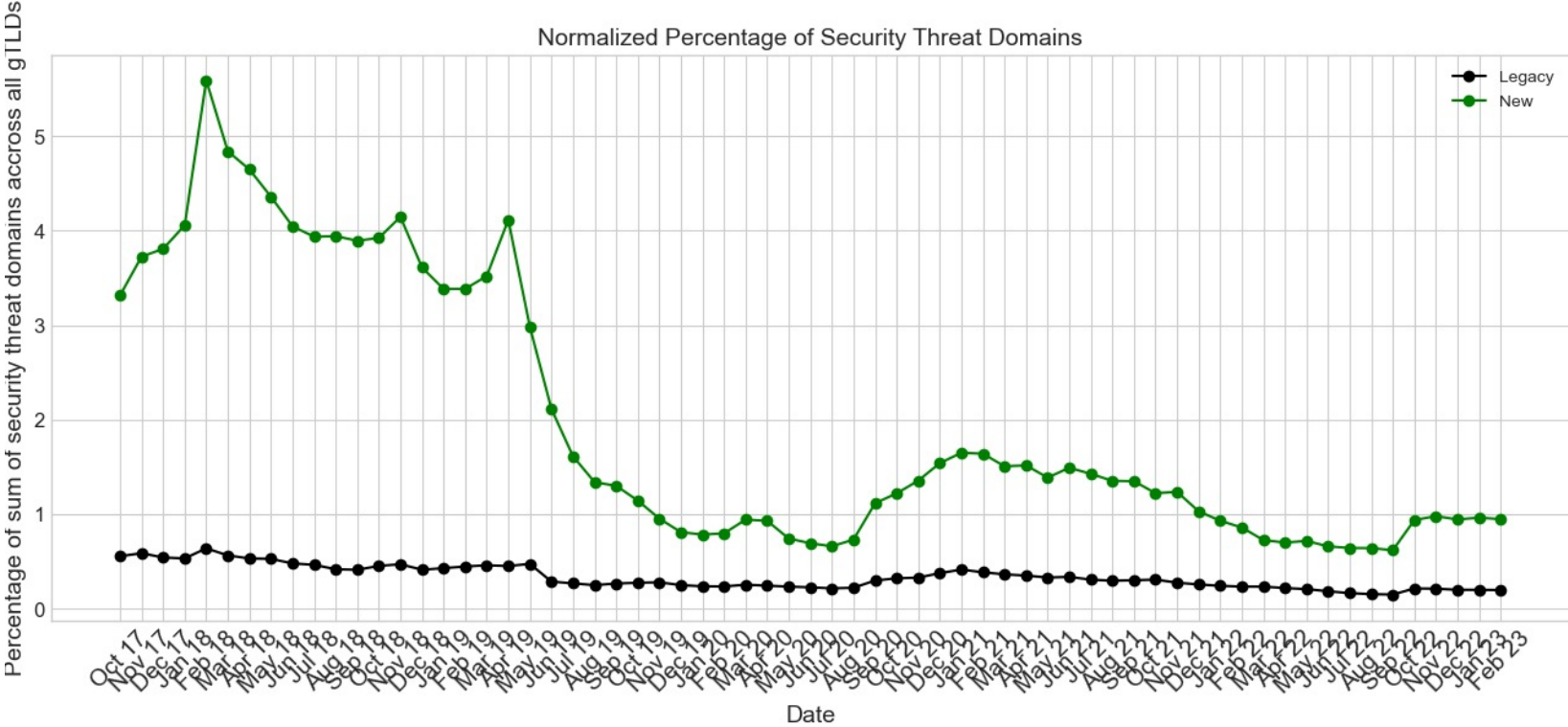
# Domains in gTLD zones

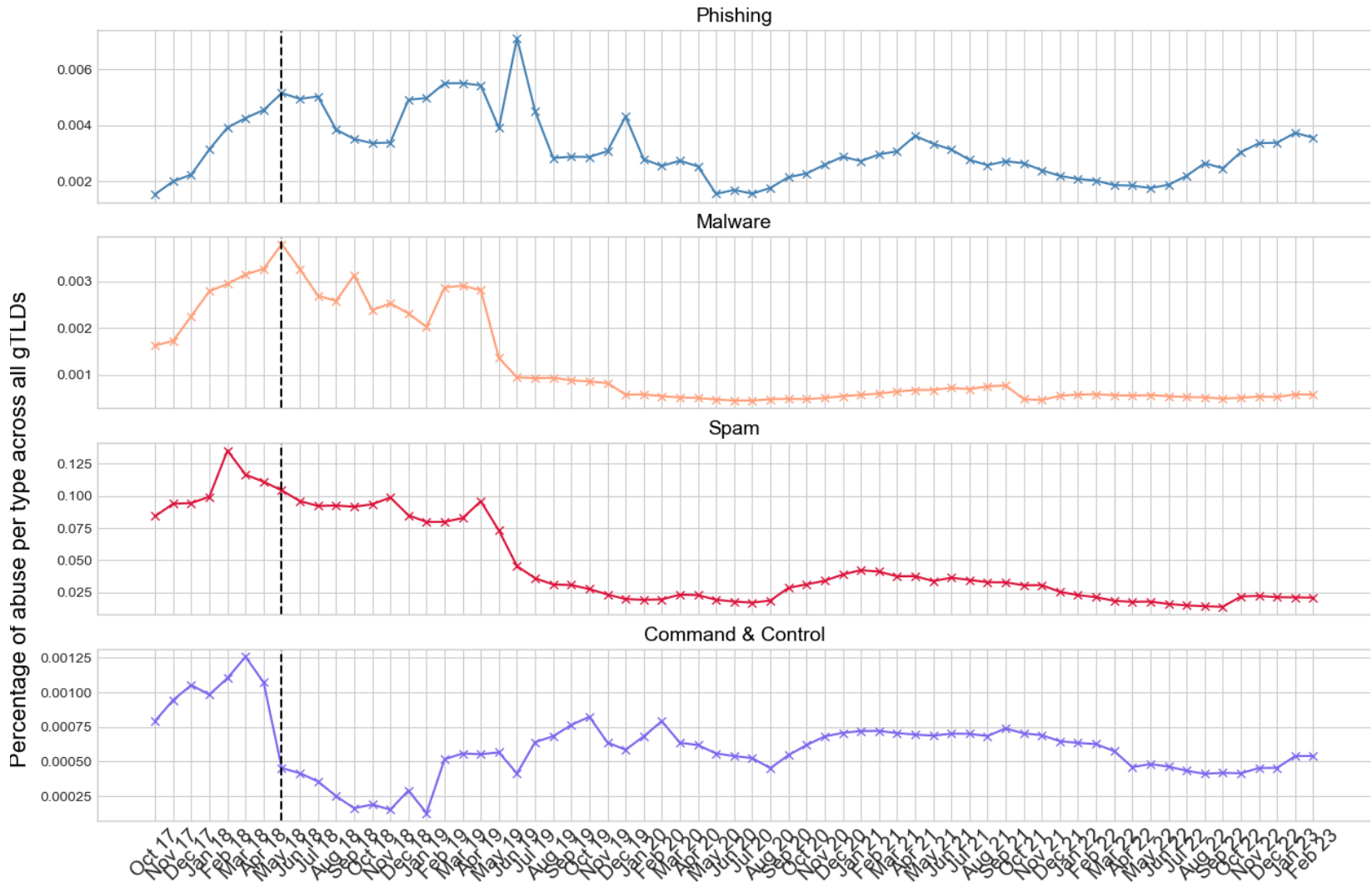


# Security Threat Domains in gTLDs - Absolute



# Security Threat Domains in gTLDs - Normalized





# Other DNS abuse reports and practices

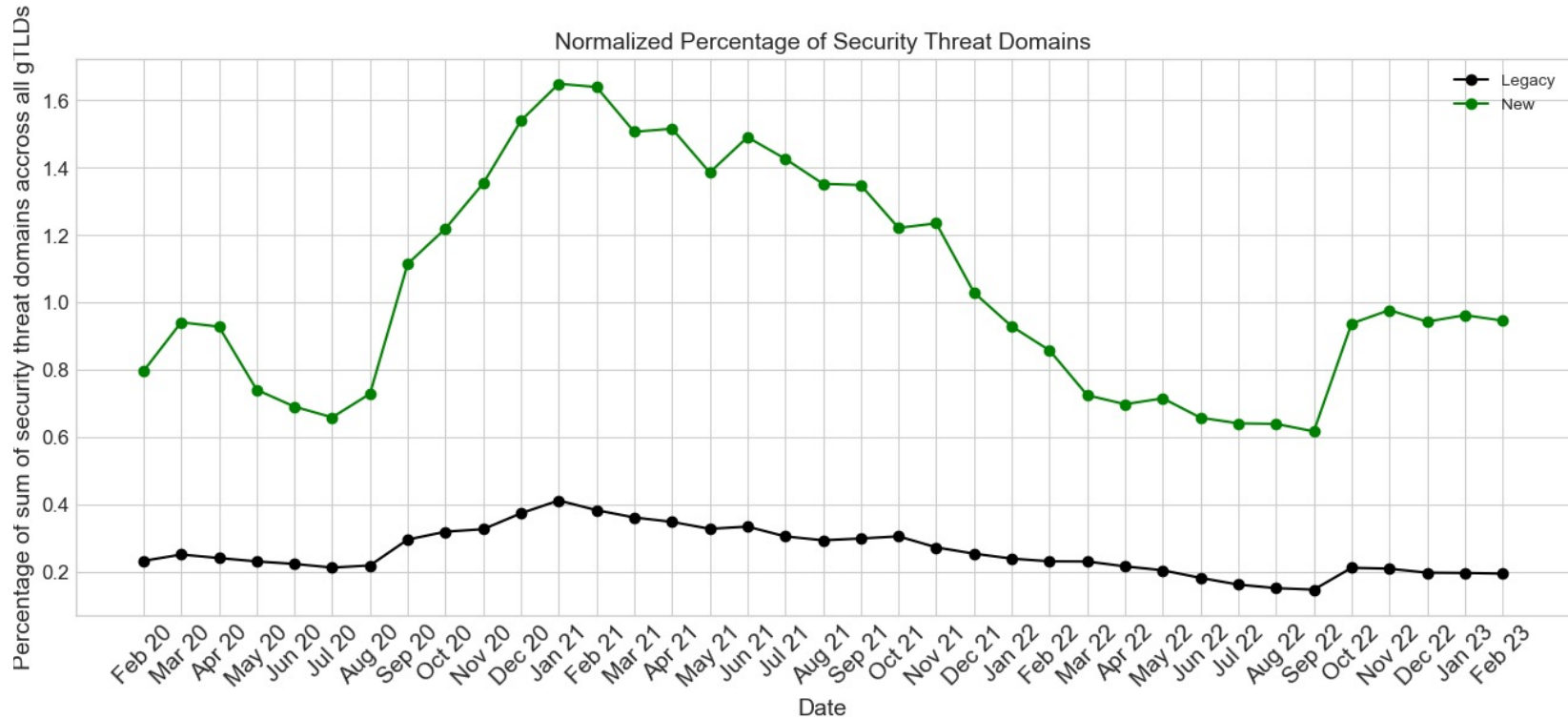
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- DNSAI Compass [reports](#)
- APWG Quarterly reports ([PHISHING ACTIVITY TRENDS REPORT](#) )
- DNS Abuse report European Commission Study
- Interisle reports (e.g. [Phishing Landscape 2022](#))
- and many others ...



# Perspective and Terminology Matters

## Security Threat Domains in gTLDs - Normalized



Different Perspective – Different result

# Ways to Make DNS Abuse Analysis More Robust

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- ⦿ Identifying **Parked Domains**: better **size** estimates for domains Active in Zone
  
- ⦿ **Uptime** (of domains listed) is **not** equal to **Mitigation**
  - Counter measures should be in correspondence to the threat types
  - Evasion Techniques (30% of phishing domains cannot be measured in terms of their uptimes)



## Thank You and Questions

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