

# The DNS Abuse Institute

2023-10 GAC Update on Compass

# Overview

- About DNSAI Compass
- Measuring abuse
- Measuring the impact of the amendments

# Compass: Purpose

- Inform Institute mission & activities
- Empower the DNS community with sufficiently granular, accurate, and comparable data
- Inform efforts to develop best practices
- Ultimately reduce abuse at DNS level

## **Principles:**

- Transparency
- Credibility and independence
- Accuracy and reliability

# Compass: How?

## Input

APWG  
PhishTank  
OpenPhish  
URLHaus

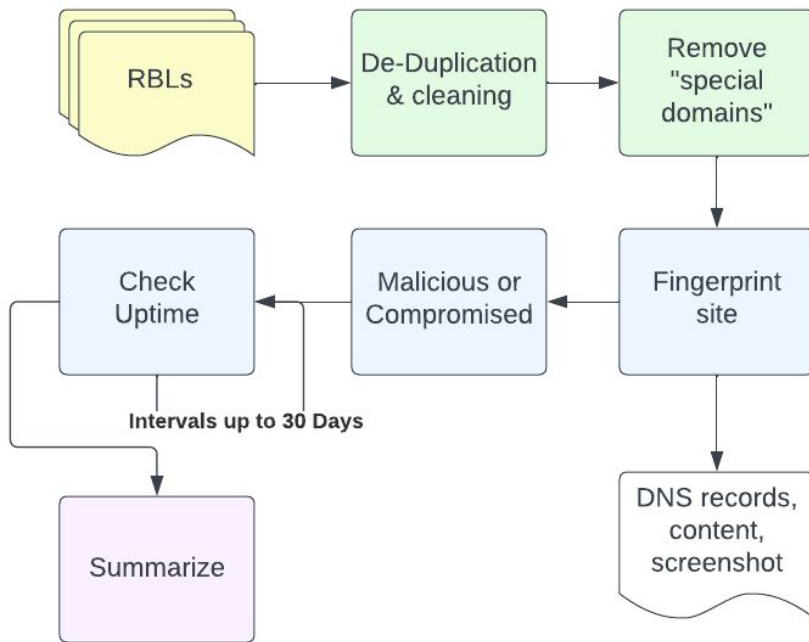
## Analysis

Evidence collection  
Registration type  
Mitigation:  
Minutes: 5,15,30.  
Hour: 1,2,3,4,5,6,  
Days: every 12h for  
30 days.

## Editorial

Monthly  
Abuse 100K DUM  
Exclusions\*  
Consistency &  
redaction\*  
Malicious\*

\* applies only to public reporting



[Reports & Interactive Charts](#)

[Methodology](#)

## Cleaning

Measure:

- Unique domain names (E.g. 70K+ URLs)

Remove IP addresses and **"special domains"**:

- URL shorteners (e.g., bitly.com)
- Subdomain providers, for example, dynamic DNS providers (e.g., duckdns.org),
- file sharing services (e.g., docs.google.com)

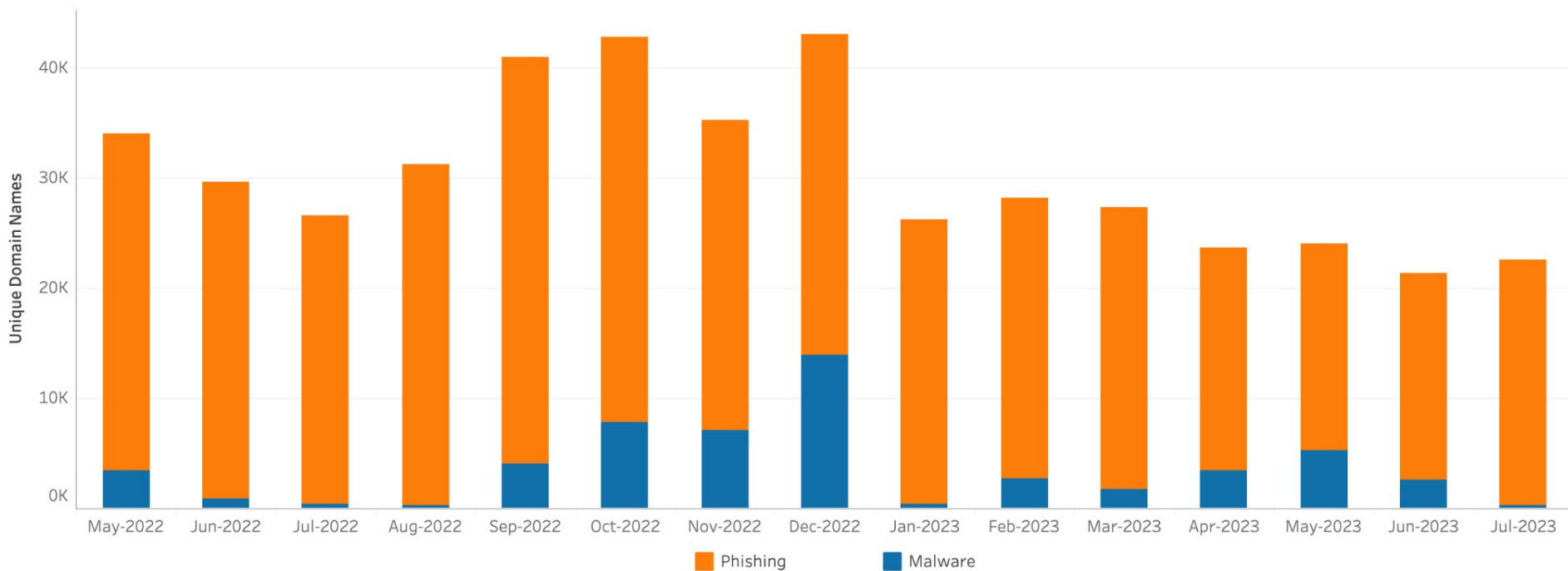
Special Domains list is publicly available (methodology). You can help us update this.

# Overall Rates

Date Range: 2022-05 to 2023-07

Select Abuse Type

Malware and Phishing

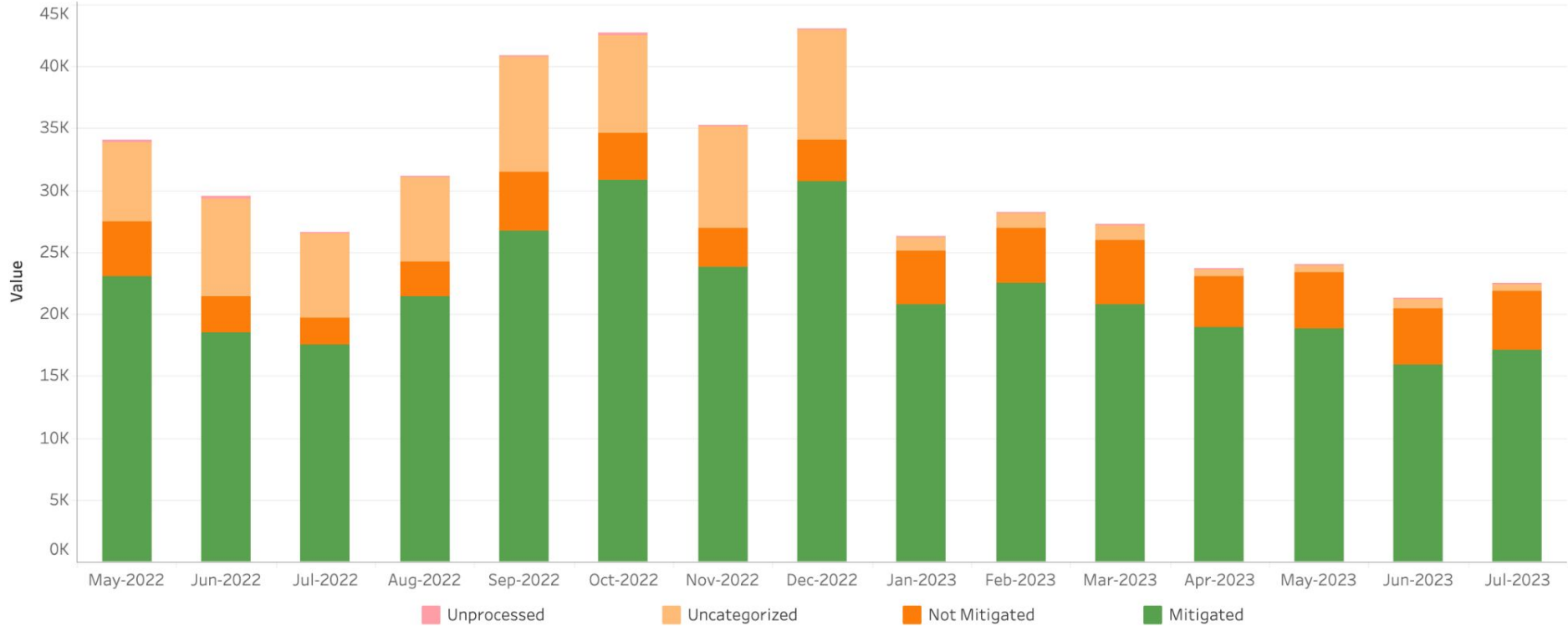


# Mitigation Rates

Date Range: 2022-05 to 2023-07

Select Abuse Type

Malware and Phishing



# Median time to mitigation

Observed Median Mitigation Time Trend

