

# RSA® Conference 2019

San Francisco | March 4–8 | Moscone Center

The logo consists of the word "BETTER." in a bold, white, sans-serif font. The letter "B" has a subtle, intricate pattern of lines and dots across its surface, resembling a circuit board or network connections. A bright yellow beam of light emanates from the bottom right corner of the letter "T".

BETTER.

SESSION ID: MASH-R11

# Election Hacking: Trading Malware for Votes

**Kenneth Geers**

Comodo Cybersecurity  
Atlantic Council  
NATO Cyber Centre

A large, abstract graphic in the background features a dense web of thin, curved lines in various colors (blue, green, yellow) against a dark purple background. These lines form a complex, organic shape that resembles a network or a brain, with many small circular nodes at the intersections.

#RSAC

## **Dr. Kenneth Geers PhD, CISSP**

Comodo / Atlantic Council / NATO Cyber

Professor: Ukraine

20 yrs USG: Army, NSA, NCIS, NATO

Publications

- *Strategic Cyber Security*
- *Cyber War in Perspective*
- *Understanding Cyber Conflict*
- *Tallinn Manual*
- *The Virtual Battlefield*

[@KennethGeers](#)





Donald J. Trump

@realDonaldTrump

Follow



March 13

Worms  
Viruses  
Trojans

Mike Pompeo, Director of the CIA, will become our new Secretary of State. He will do a fantastic job! Thank you to Rex Tillerson for his service! Gina Haspel will become the new Director of the CIA, and the first woman so chosen. Congratulations to all!

5:44 AM - 13 Mar 2018

39,995 Retweets 121,070 Likes



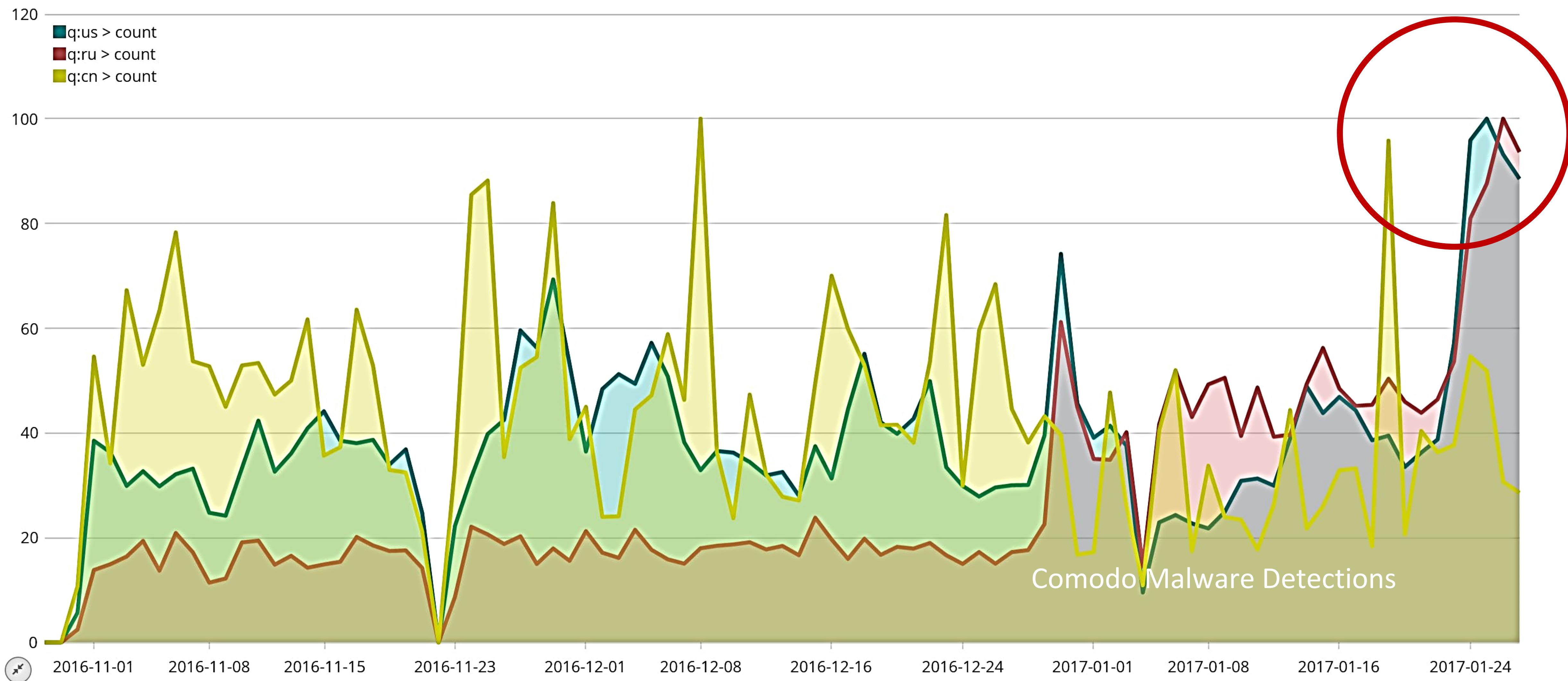
39K 40K 121K



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# Detections: USA / Russia / China

U.S. Inauguration  
Jan 20, 2017



# The Guardian

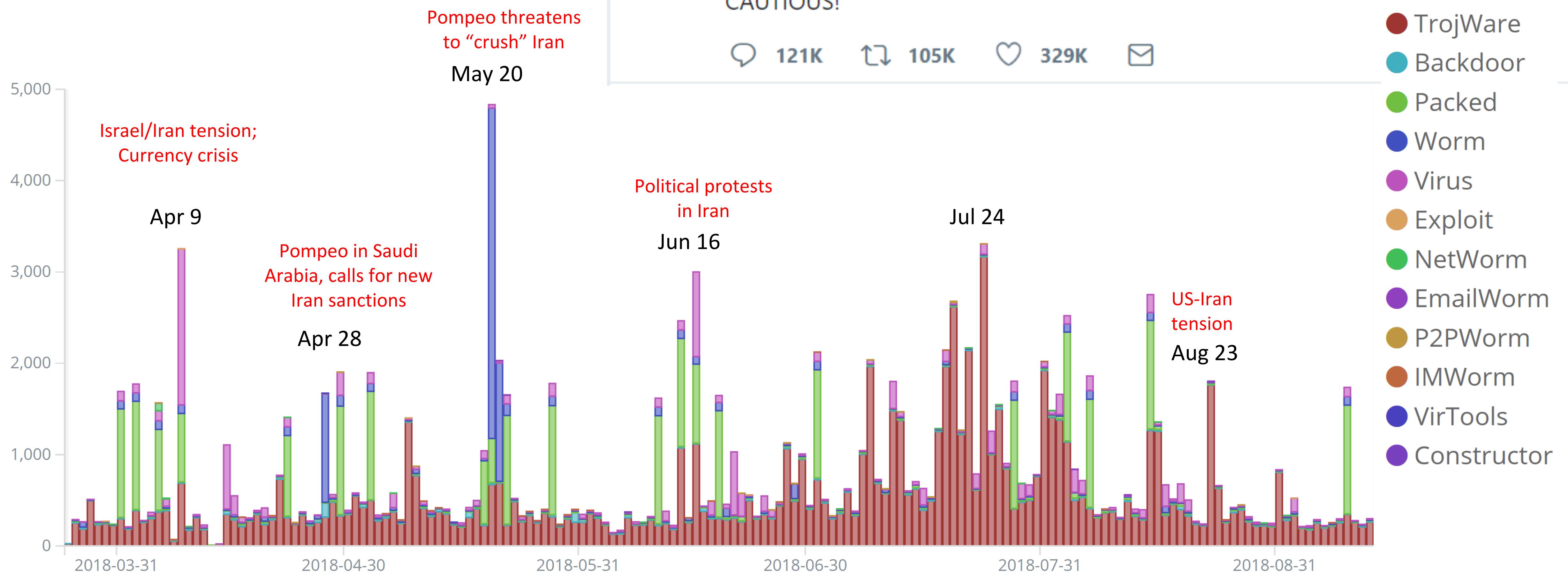
US edition ▾

## June 4



#RSAC

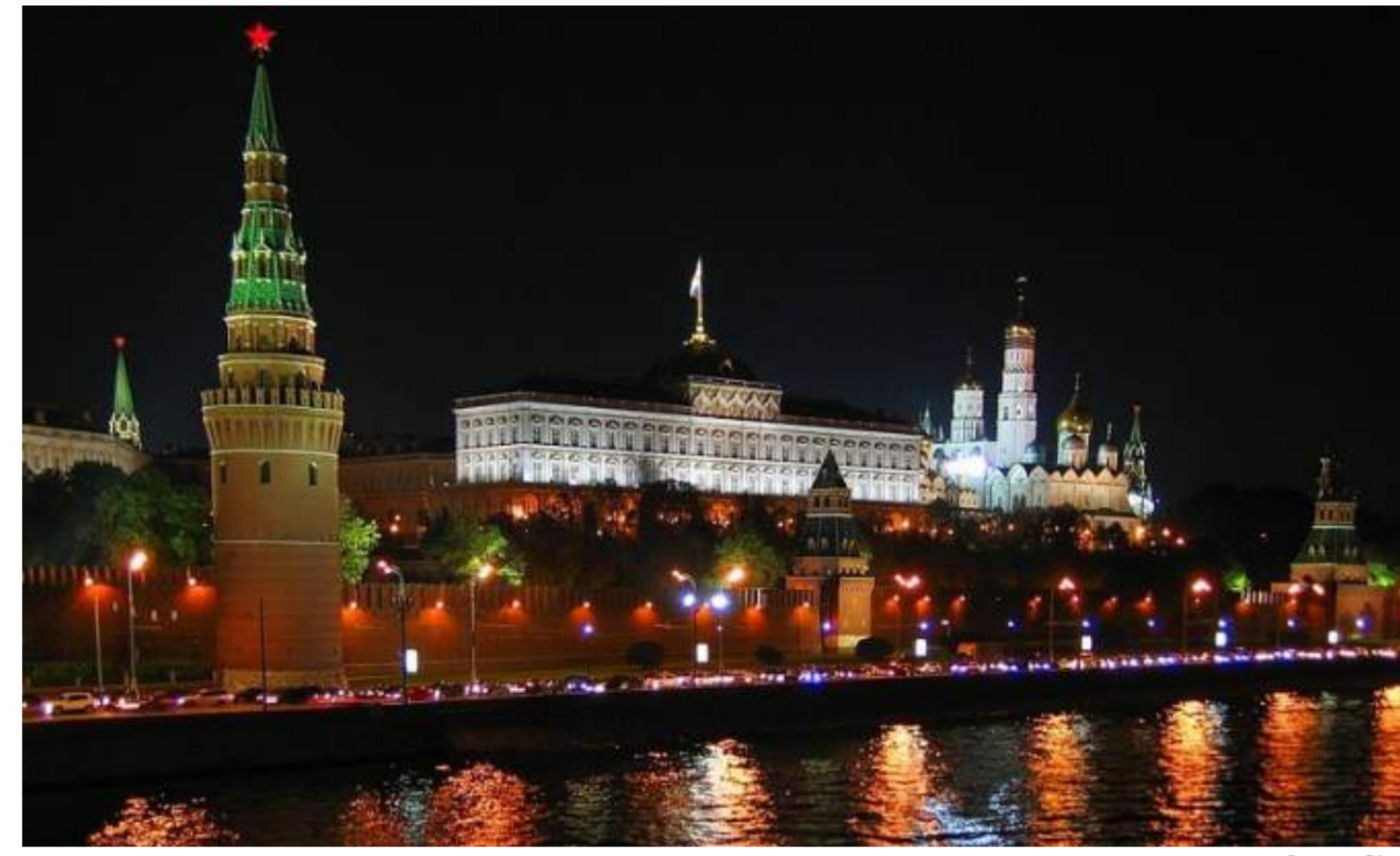
# Iran



March 28

## Russia Considers Croatia's Decision to Be Unfriendly Act

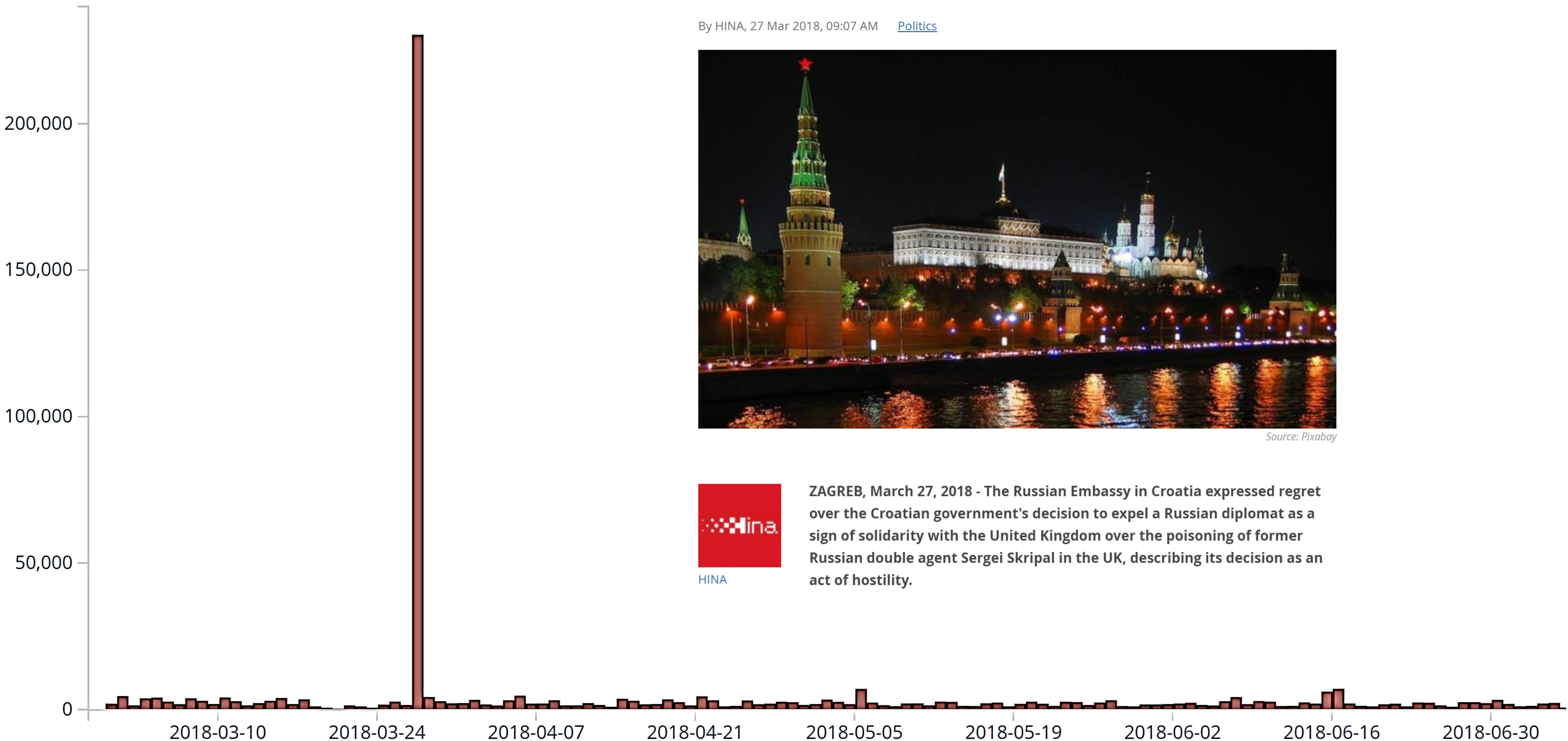
By HINA, 27 Mar 2018, 09:07 AM [Politics](#)



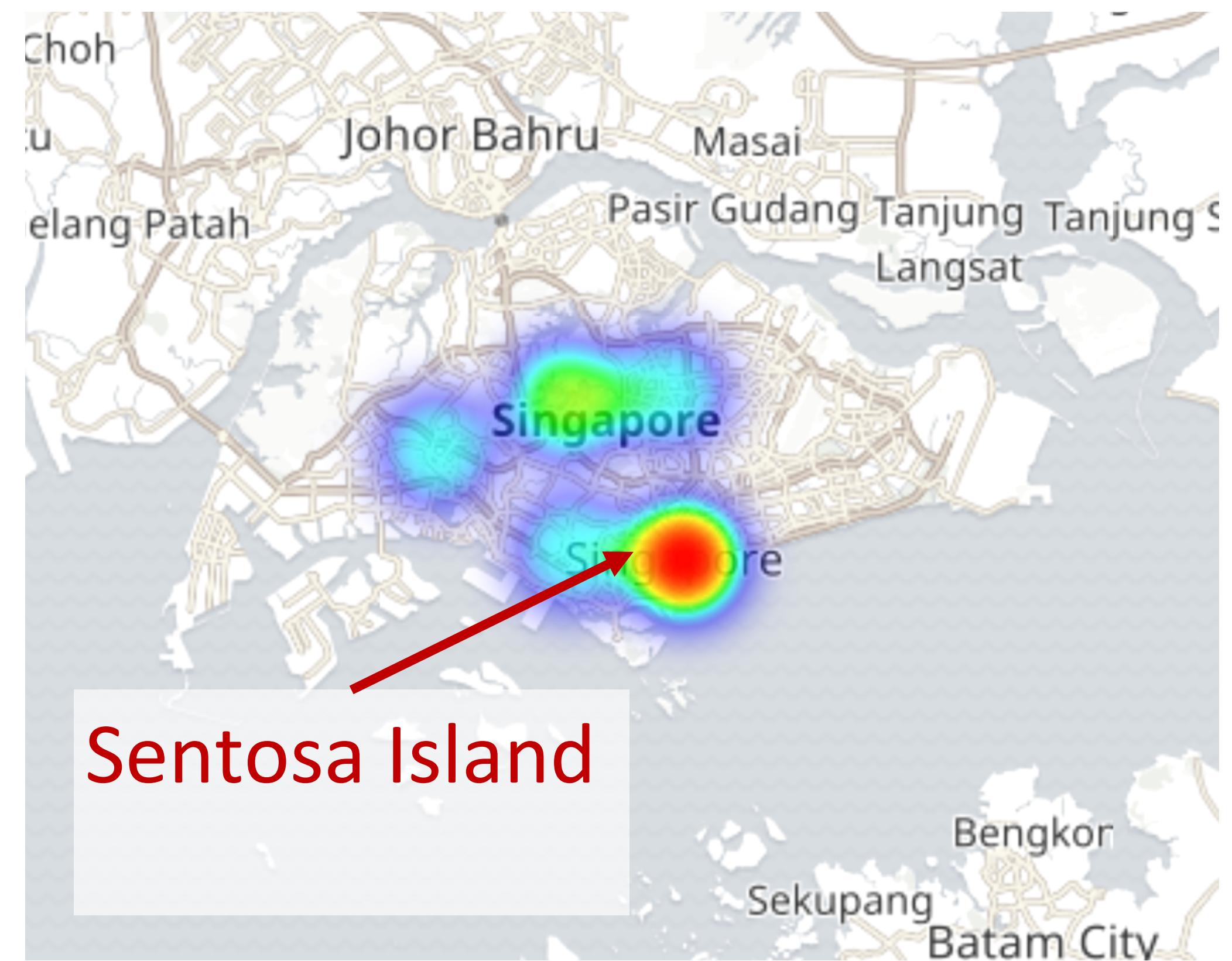
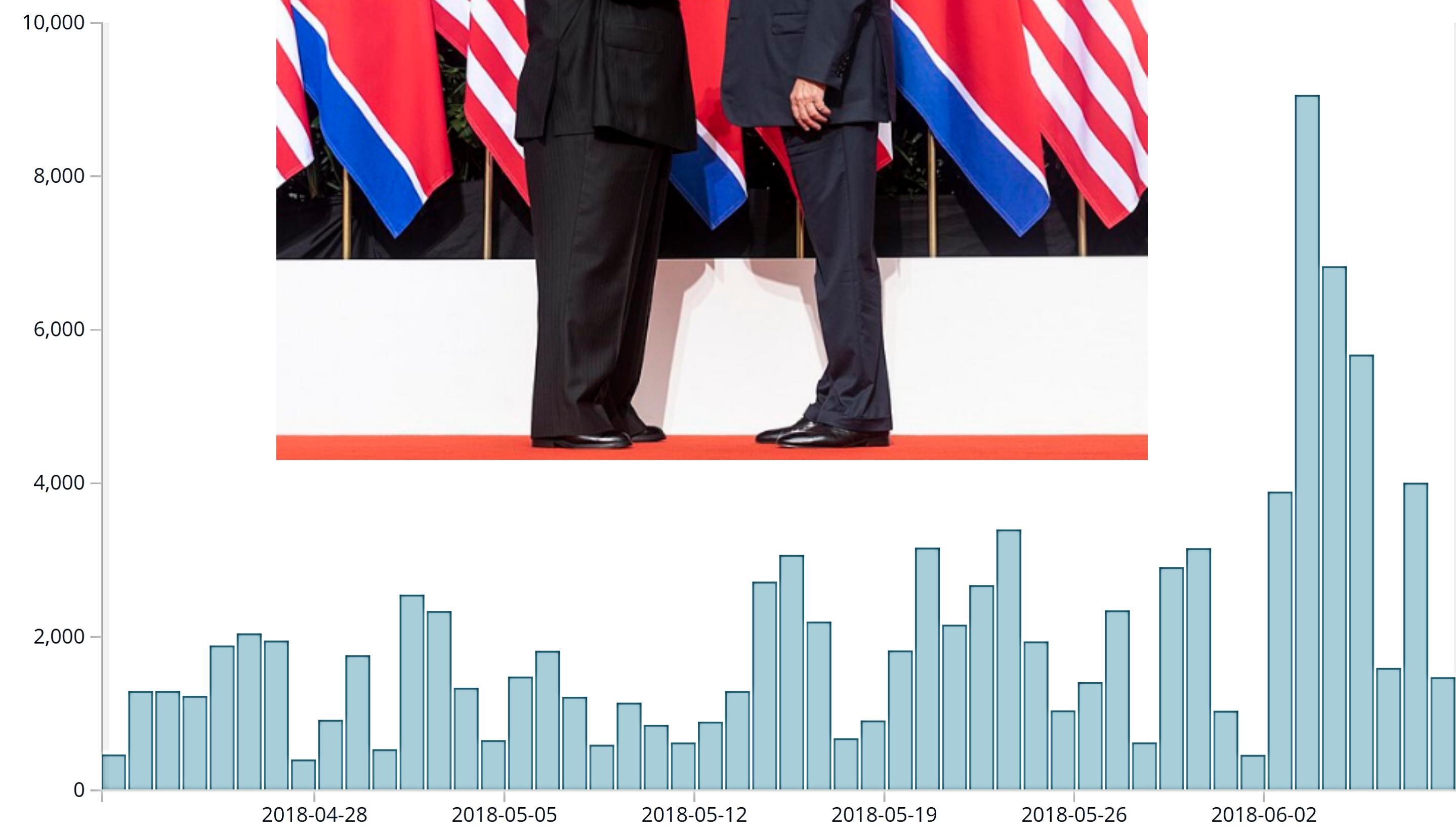
Source: Pixabay



ZAGREB, March 27, 2018 - The Russian Embassy in Croatia expressed regret over the Croatian government's decision to expel a Russian diplomat as a sign of solidarity with the United Kingdom over the poisoning of former Russian double agent Sergei Skripal in the UK, describing its decision as an act of hostility.



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#RSAC

# Trump Plans July Meeting With Vladimir Putin

By Jennifer Jacobs, Margaret Talev, and Toluse Olorunnipa

June 20, 2018, 7:18 PM EDT

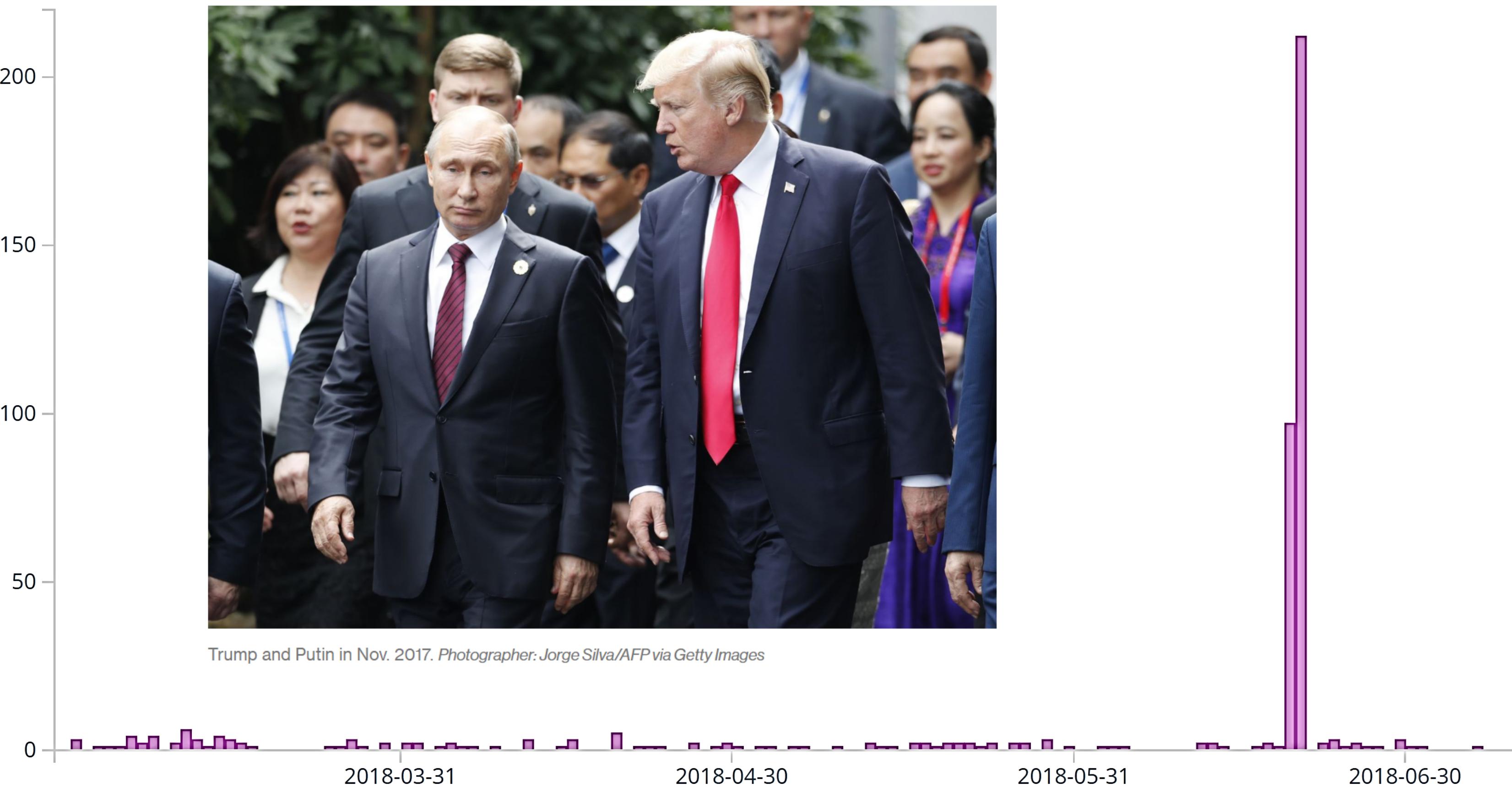
Updated on June 21, 2018, 2:21 PM EDT

Bloomberg

- Possibilities: Before NATO summit or after Trump's U.K. visit
- Trump wants Russia to be restored to international community



Trump and Putin in Nov. 2017. Photographer: Jorge Silva/AFP via Getty Images



Virus  
Detections  
June 20-21

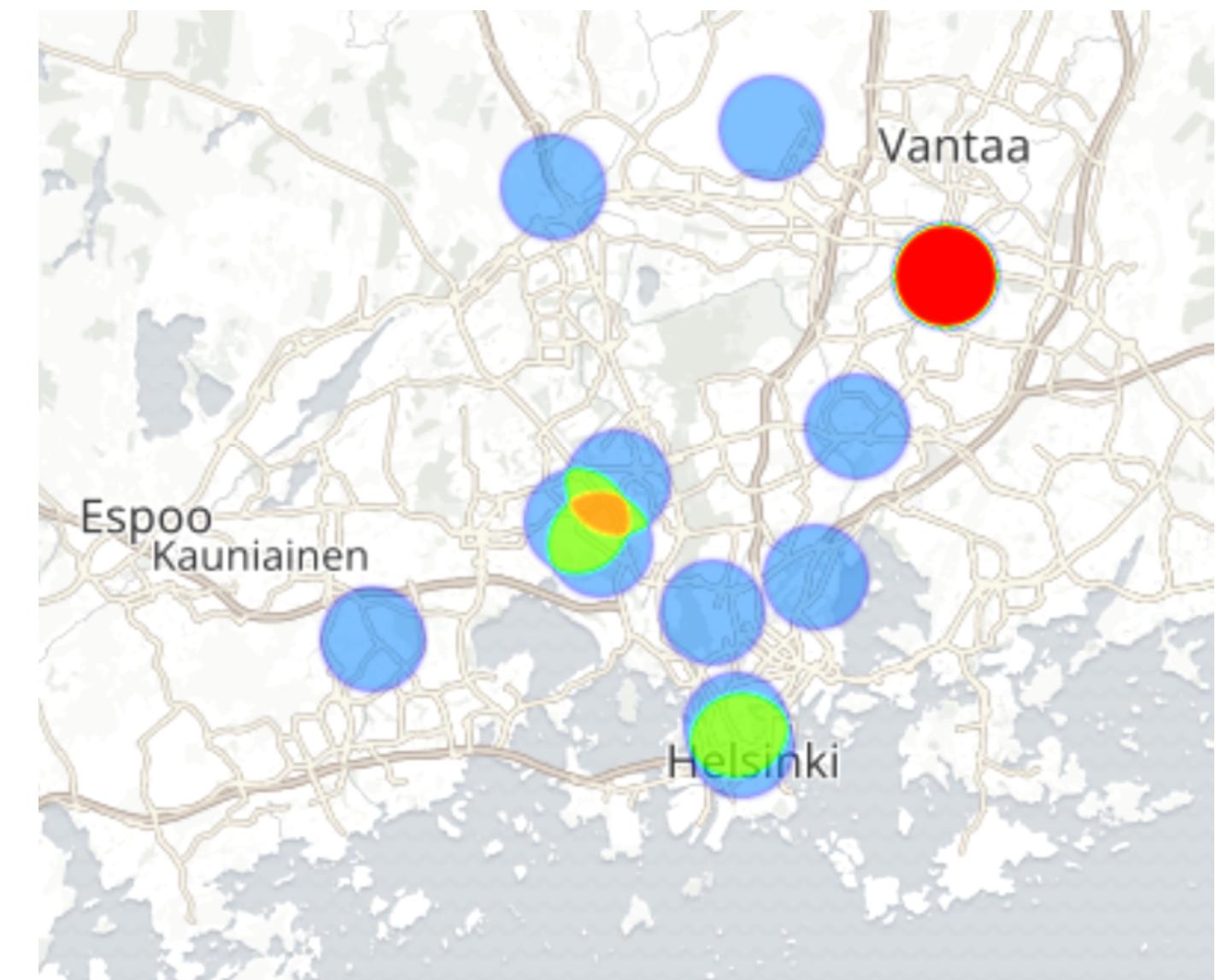
## Vantaa likely to host Trump-Putin summit - Helsinki mayor

POLITICS

© 6/29/2018, 11:58 AM



The highly anticipated meeting between the presidents of the United States and Russia, Donald Trump and Vladimir Putin is likely to be held in the city of Vantaa, a part of the inner core of the Finnish Capital Region, the mayor of Helsinki Jan Vapaavuori said on Friday. "With high probability, the summit will take place in Vantaa," Vapaavuori told the Helsingin Sanomat newspaper.



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**BELARUS**

June 14, 2018 19:18 GMT

RFE/RL's Belarus Service

# Belarus Passes Legislation Against 'Fake News' Media



Share



5



Print

3,000

2,000

1,000

0

2018-03-31

2018-04-30

2018-05-31

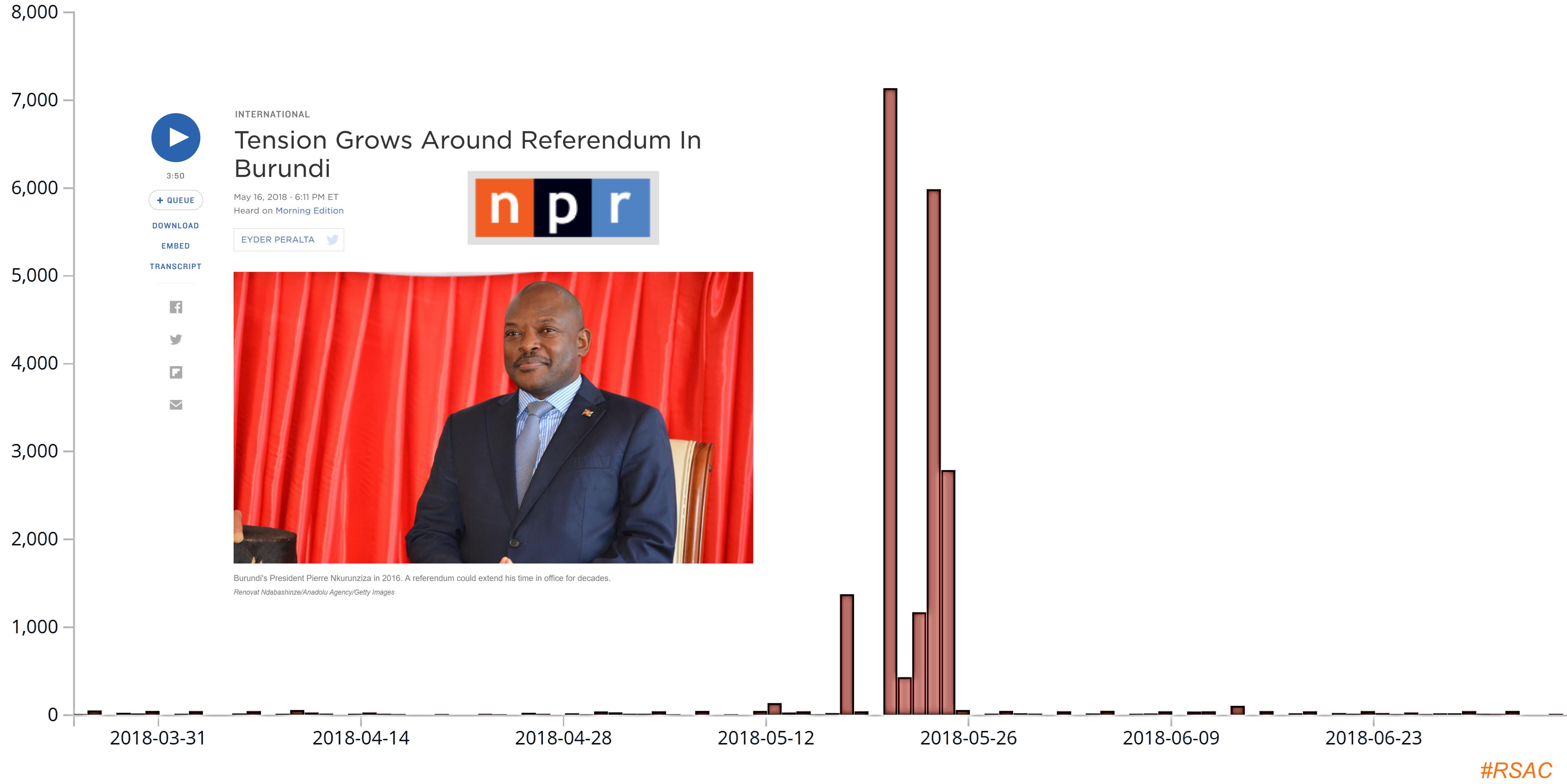
2018-06-30

June 14-15

Virus

Trojan

#RSAC

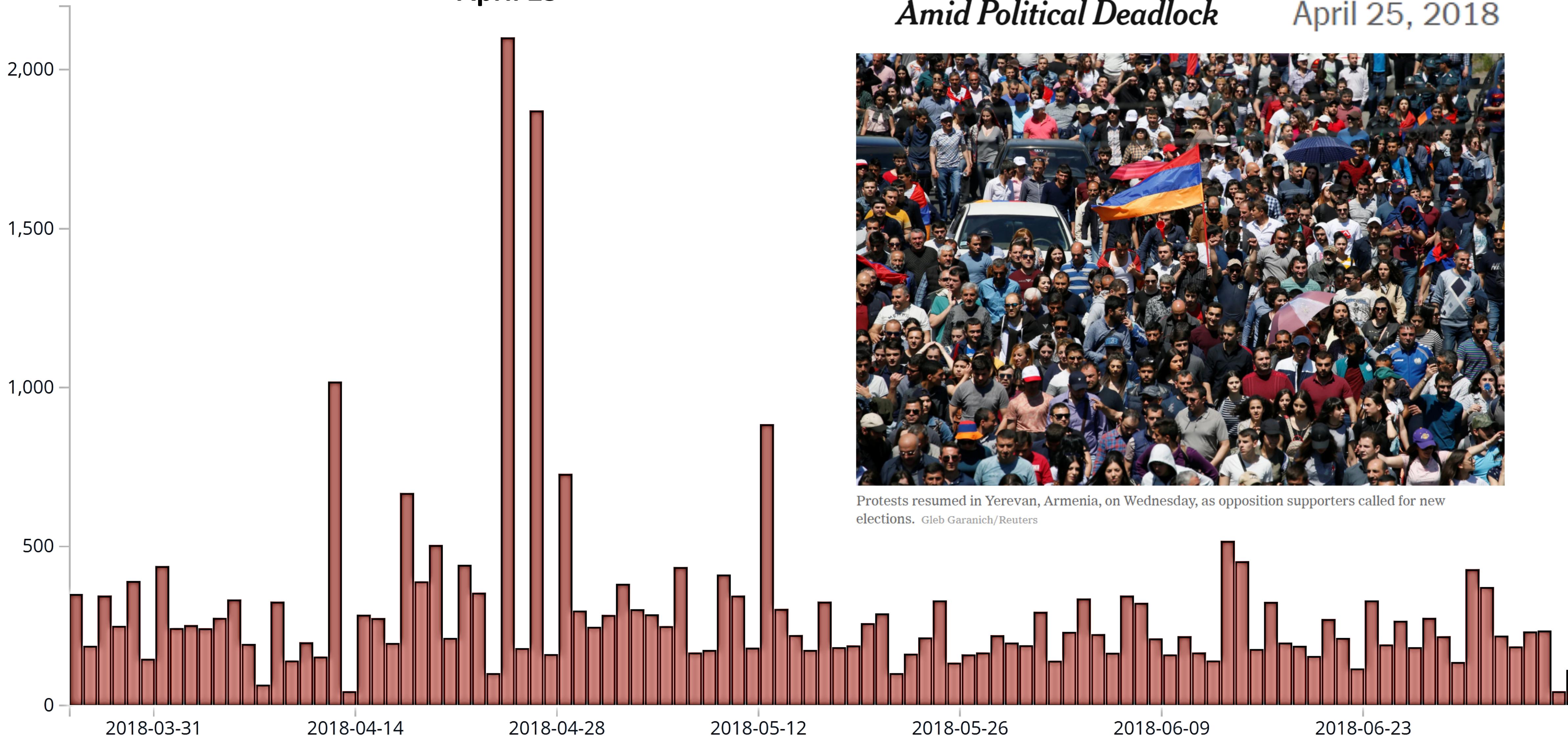


The New York Times

April 25

*Protests Erupt Anew in Armenia  
Amid Political Deadlock*

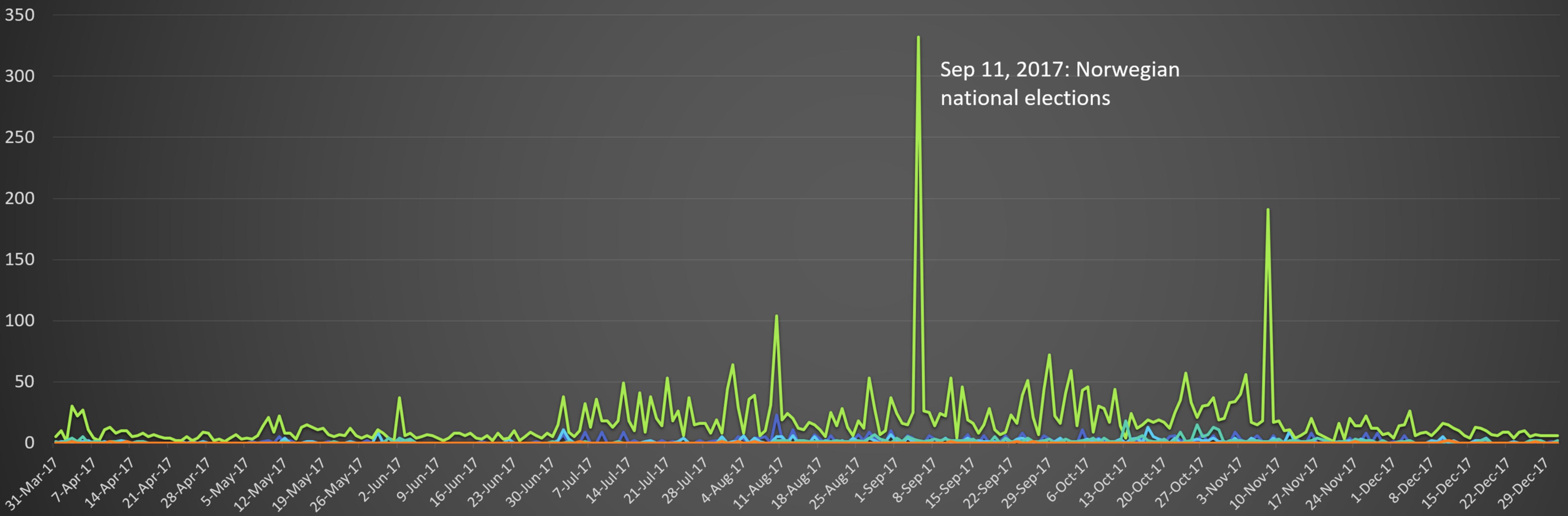
April 25, 2018



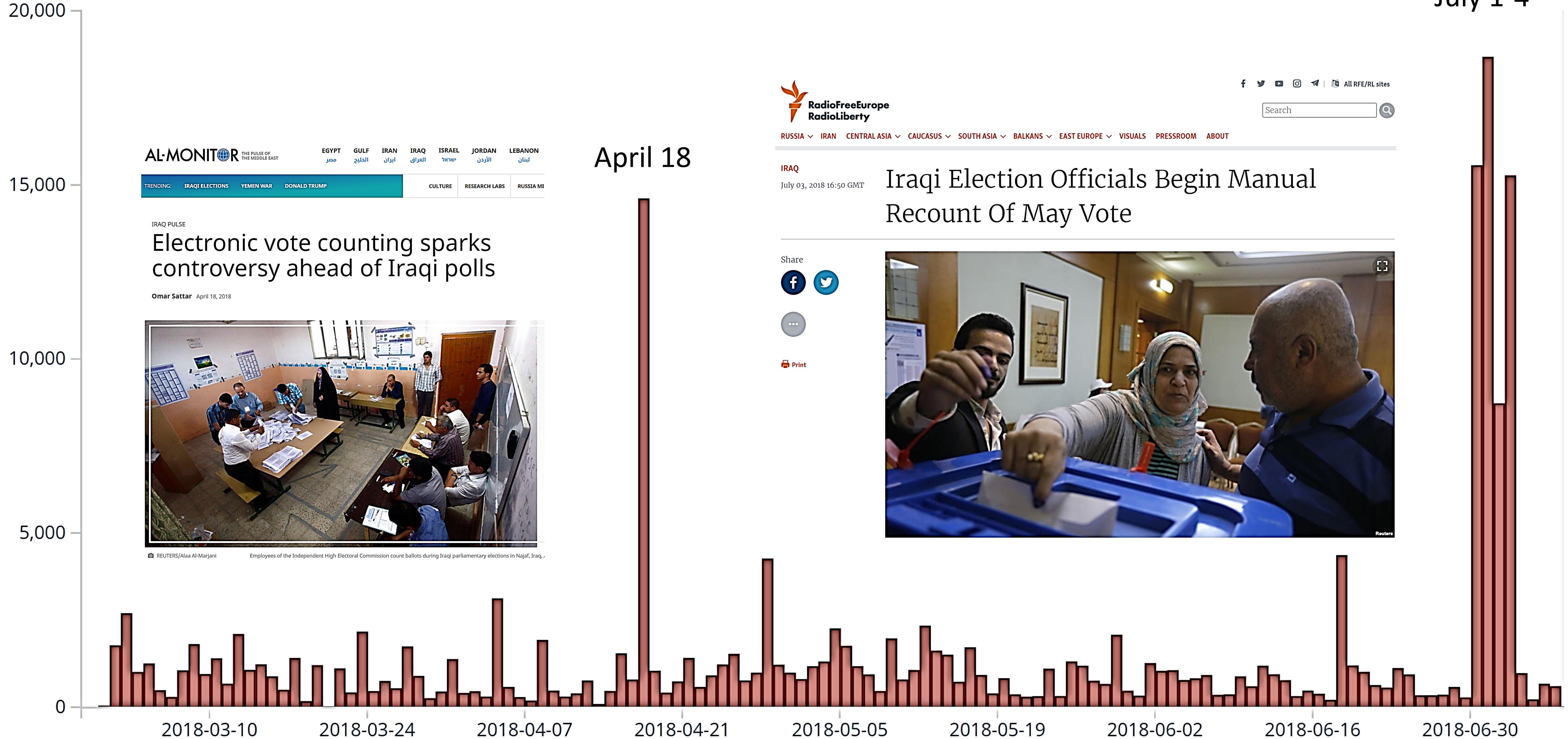
Protests resumed in Yerevan, Armenia, on Wednesday, as opposition supporters called for new elections. Gleb Garanich/Reuters

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# Norway

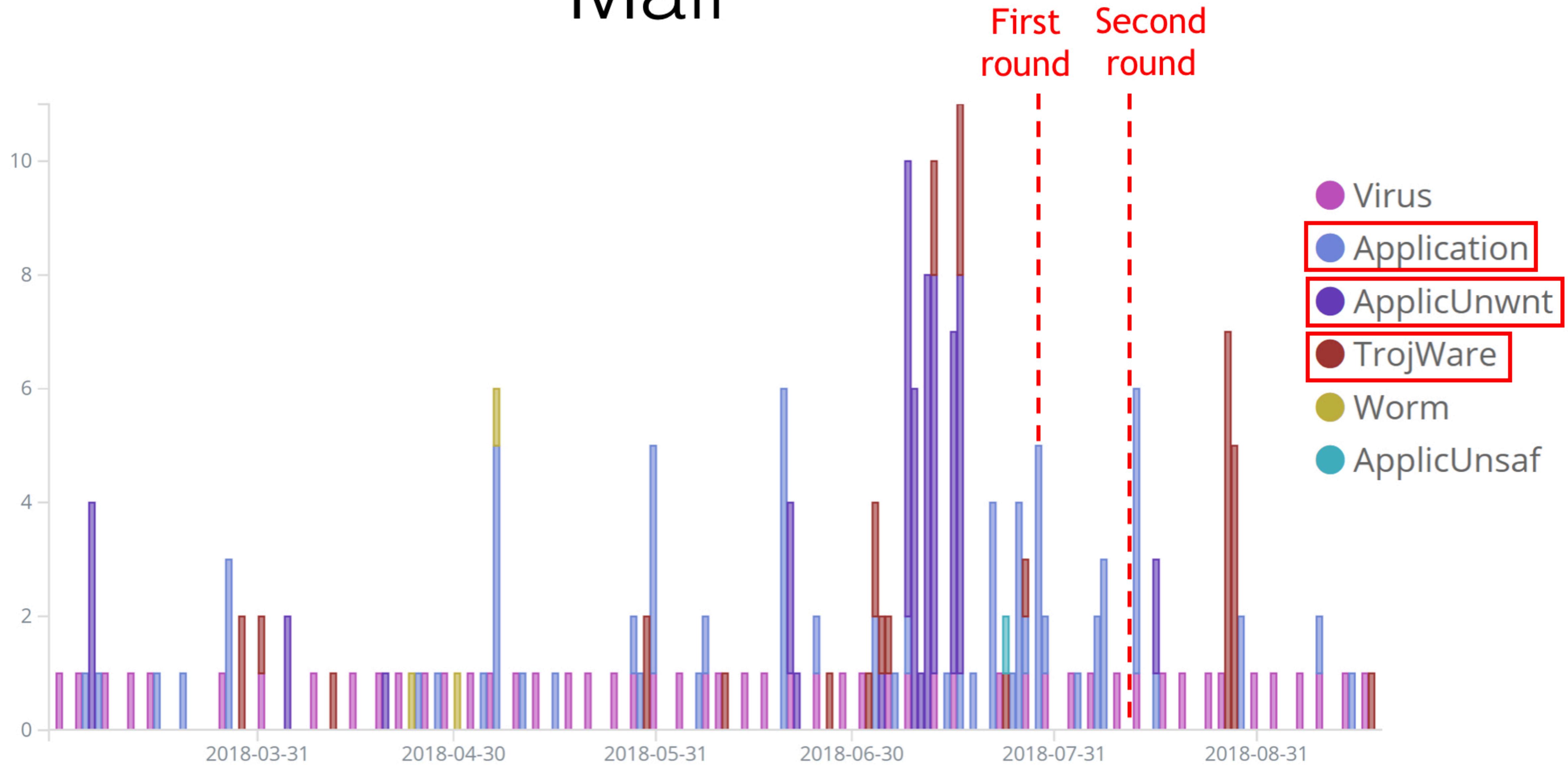


July 1-4

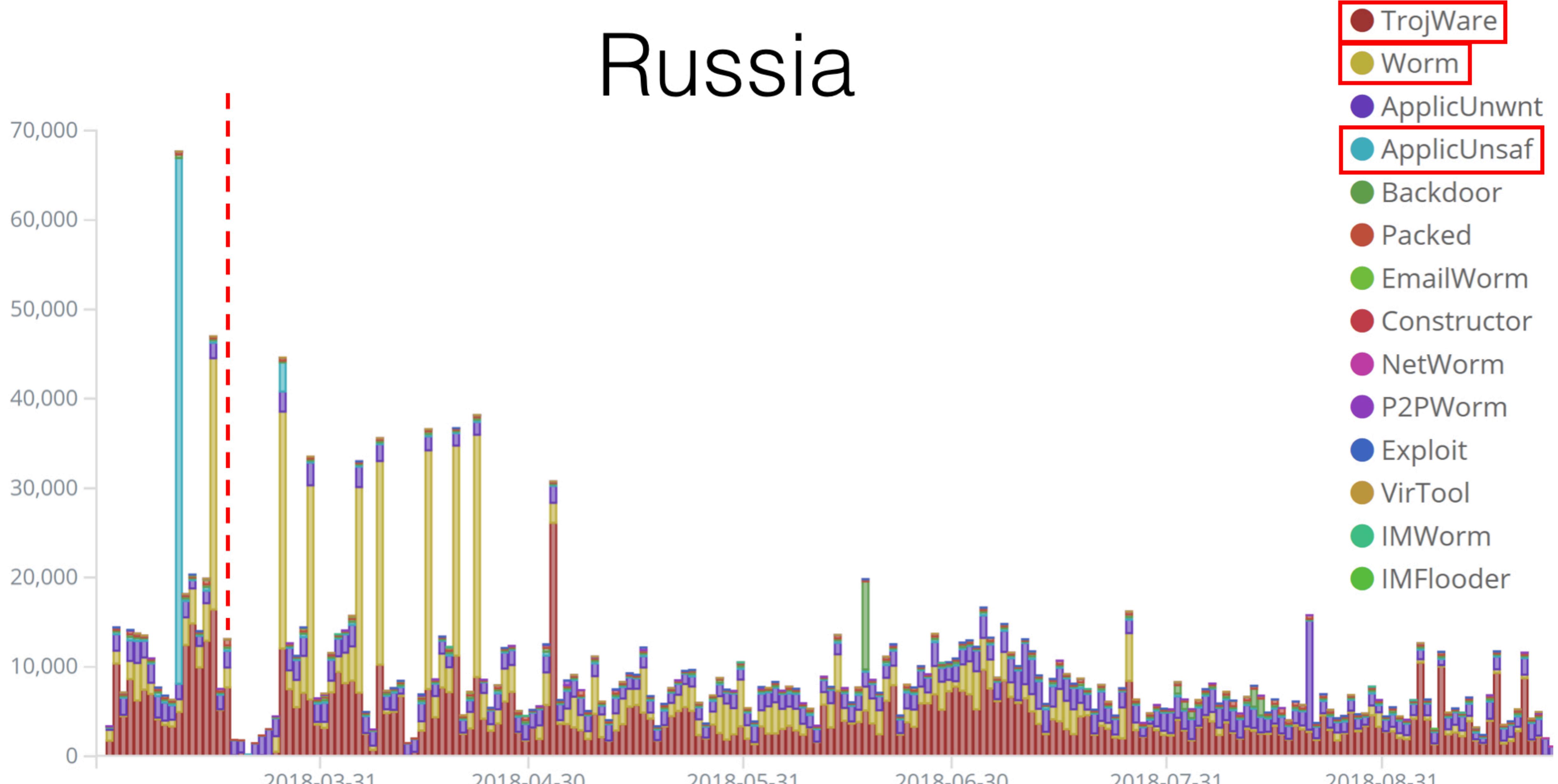


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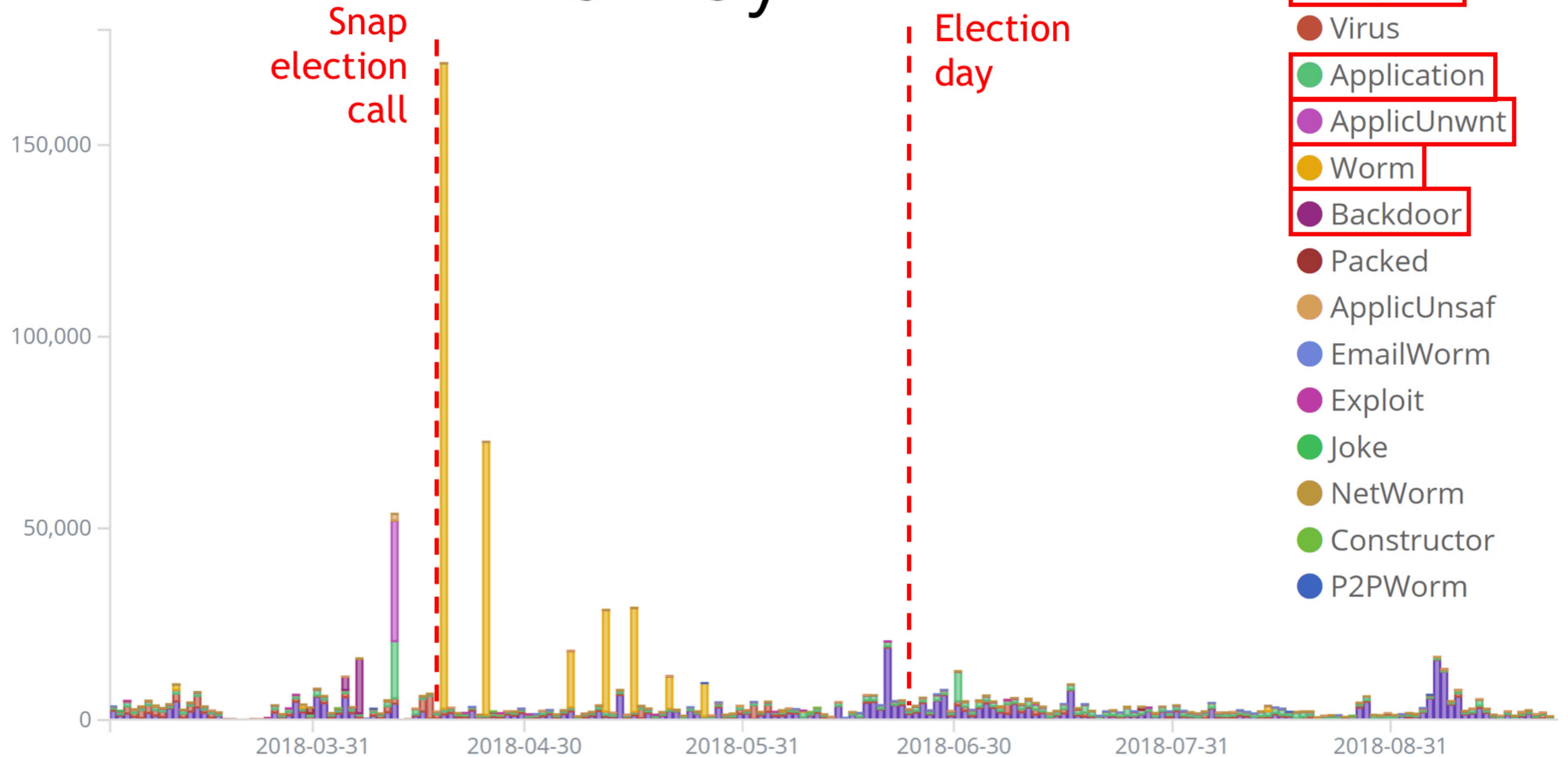
# Mali



# Russia

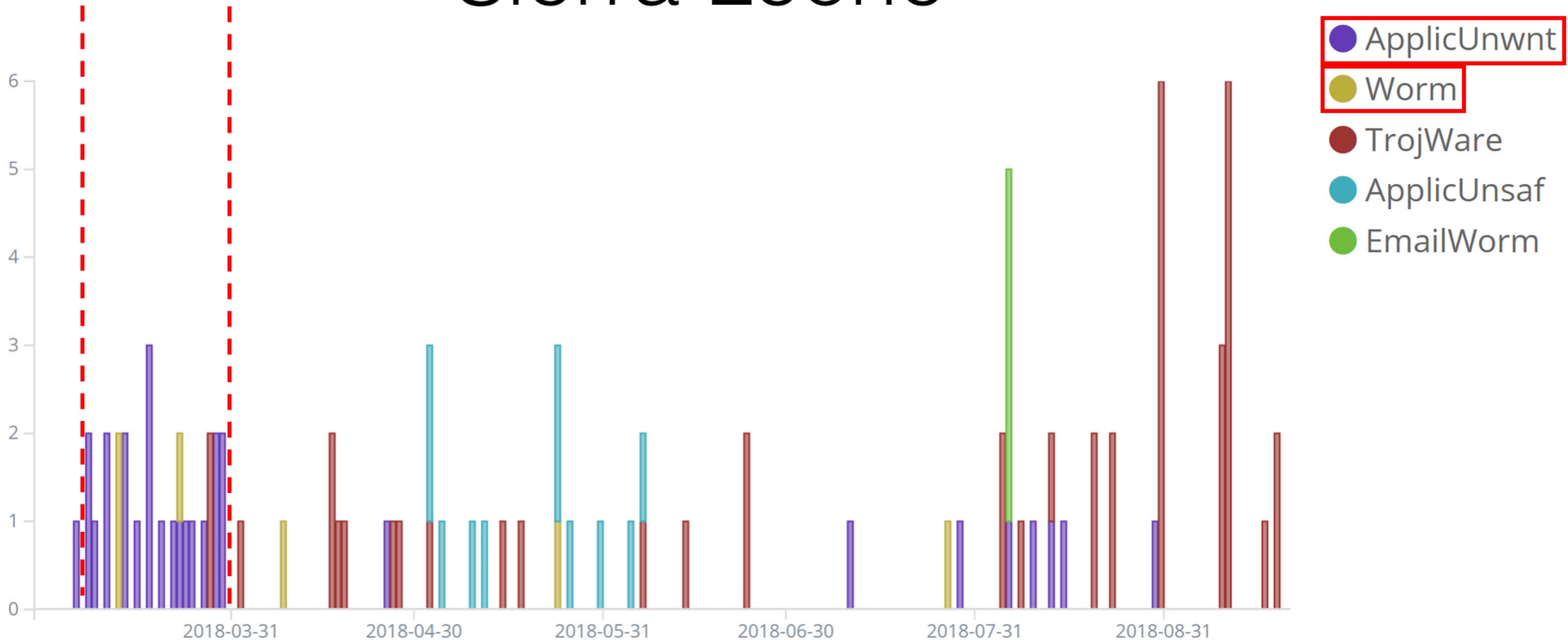


# Turkey



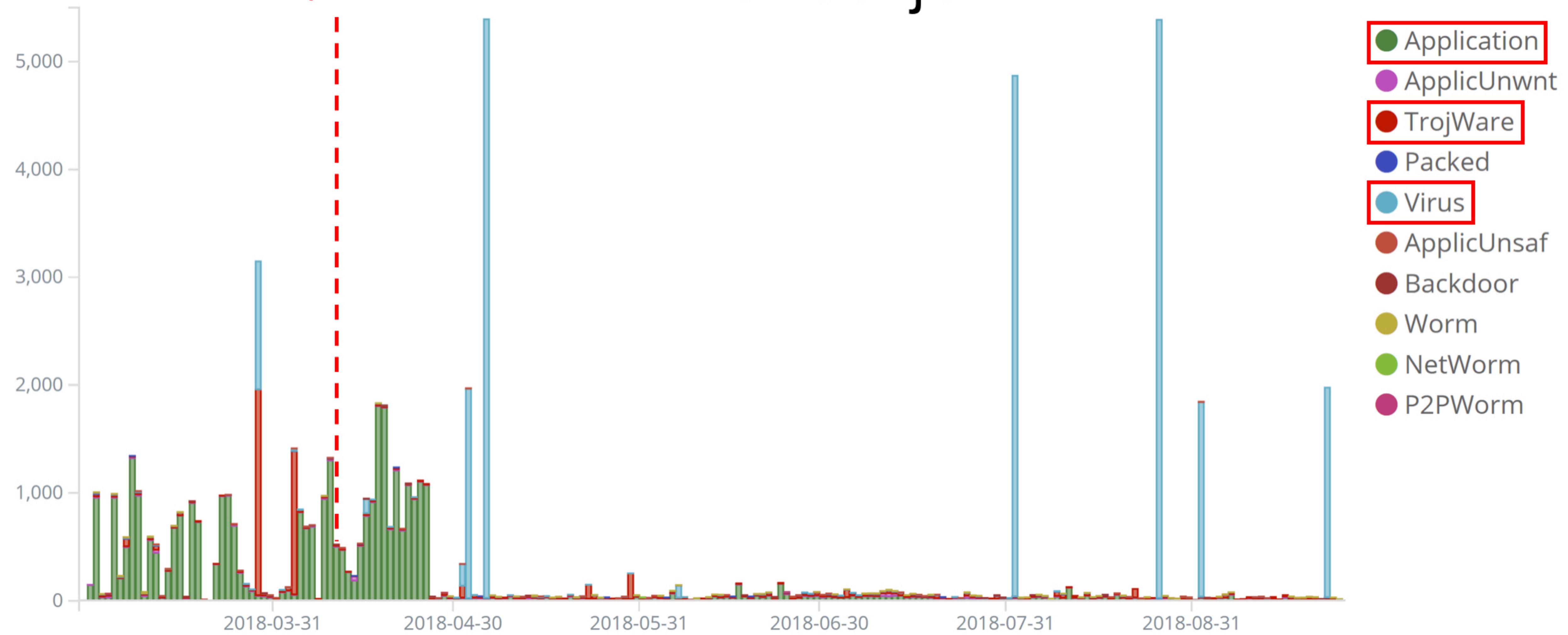
First round      Second round

# Sierra Leone



# Azerbaijan

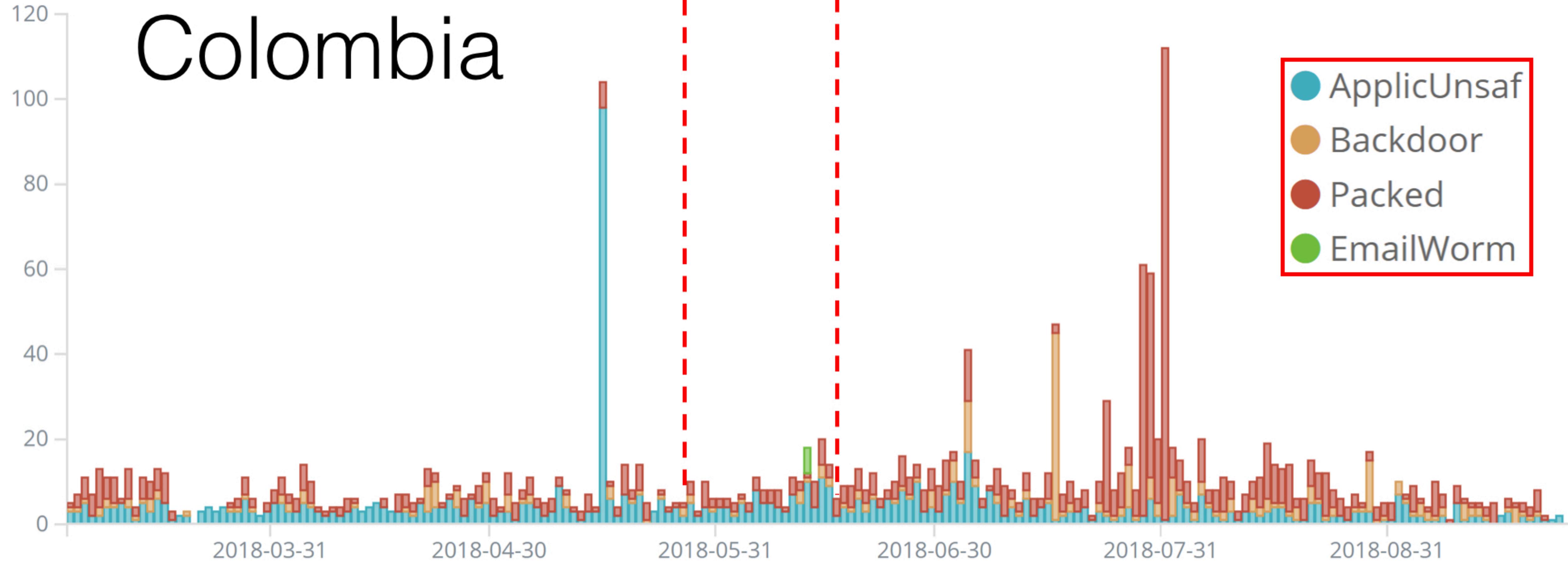
Apr 11



# Colombia

1<sup>st</sup> round

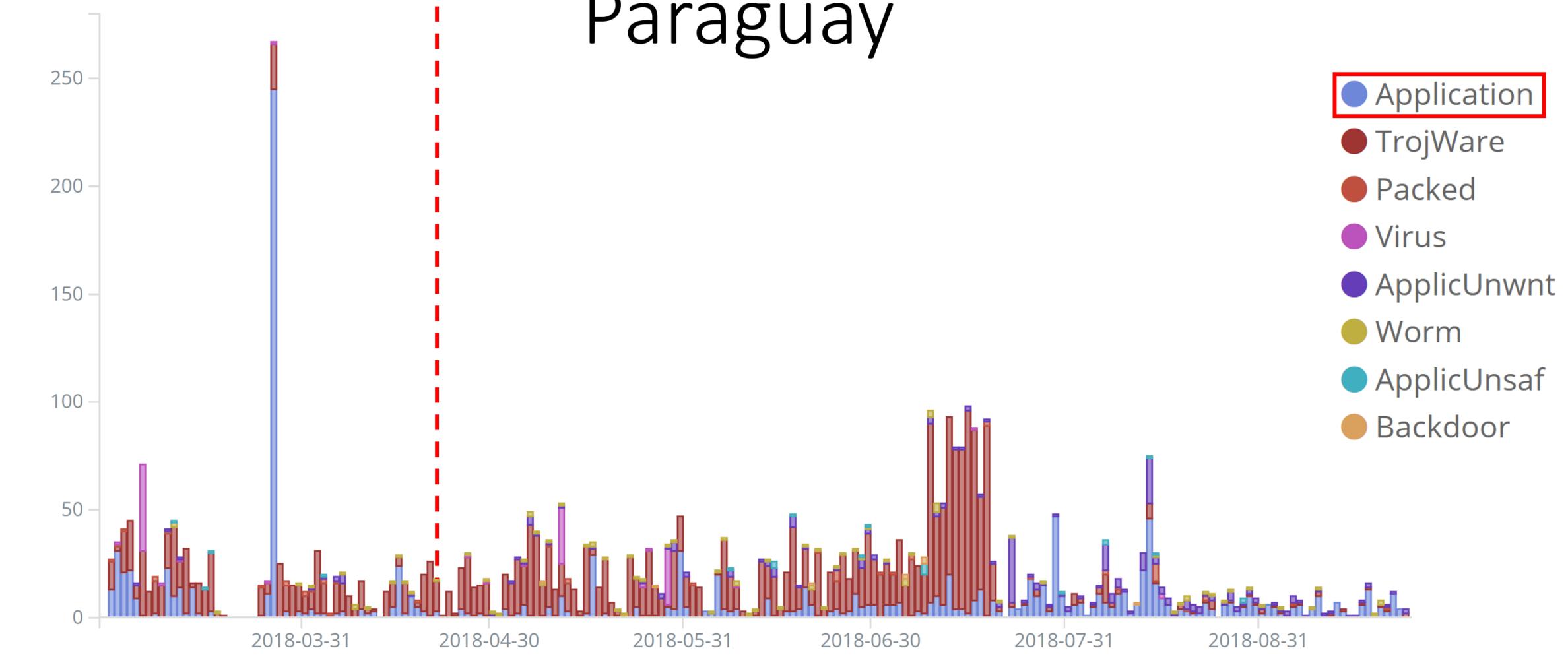
2<sup>nd</sup> round



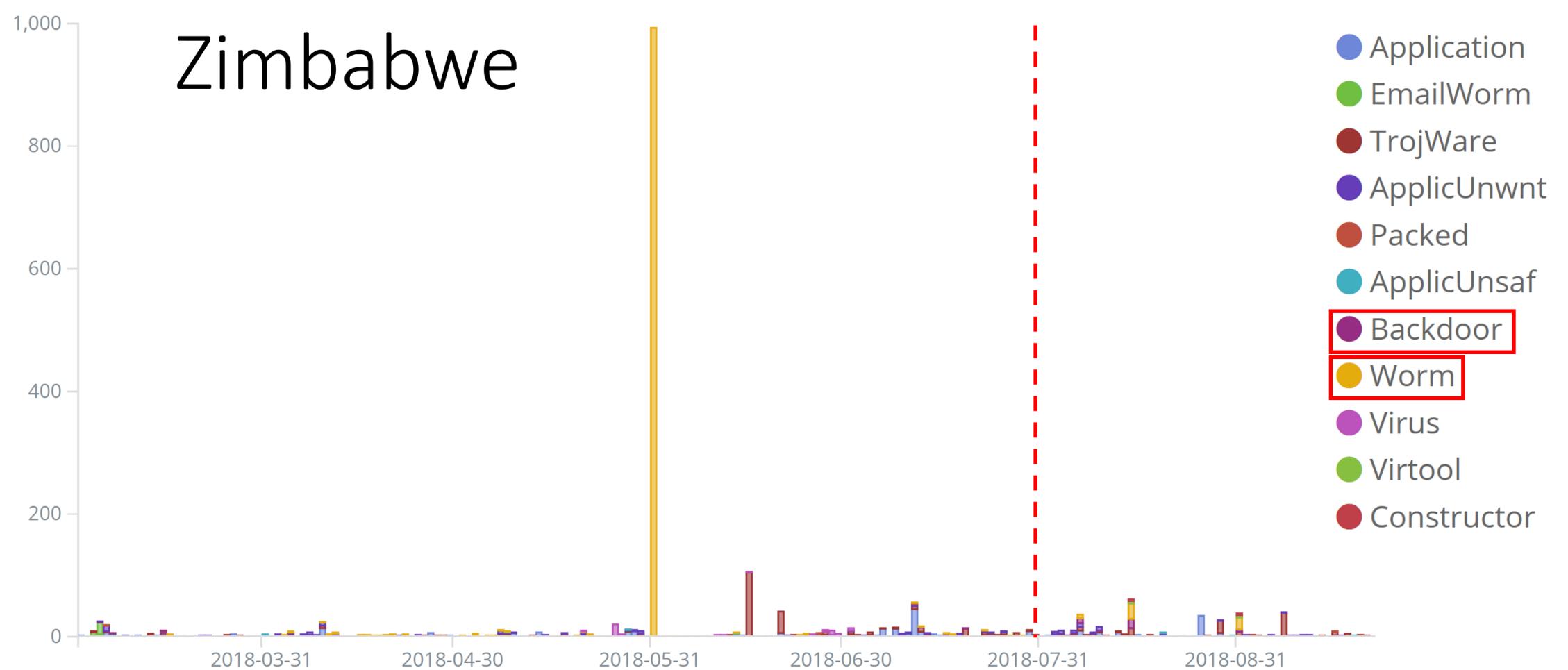
## Montenegro



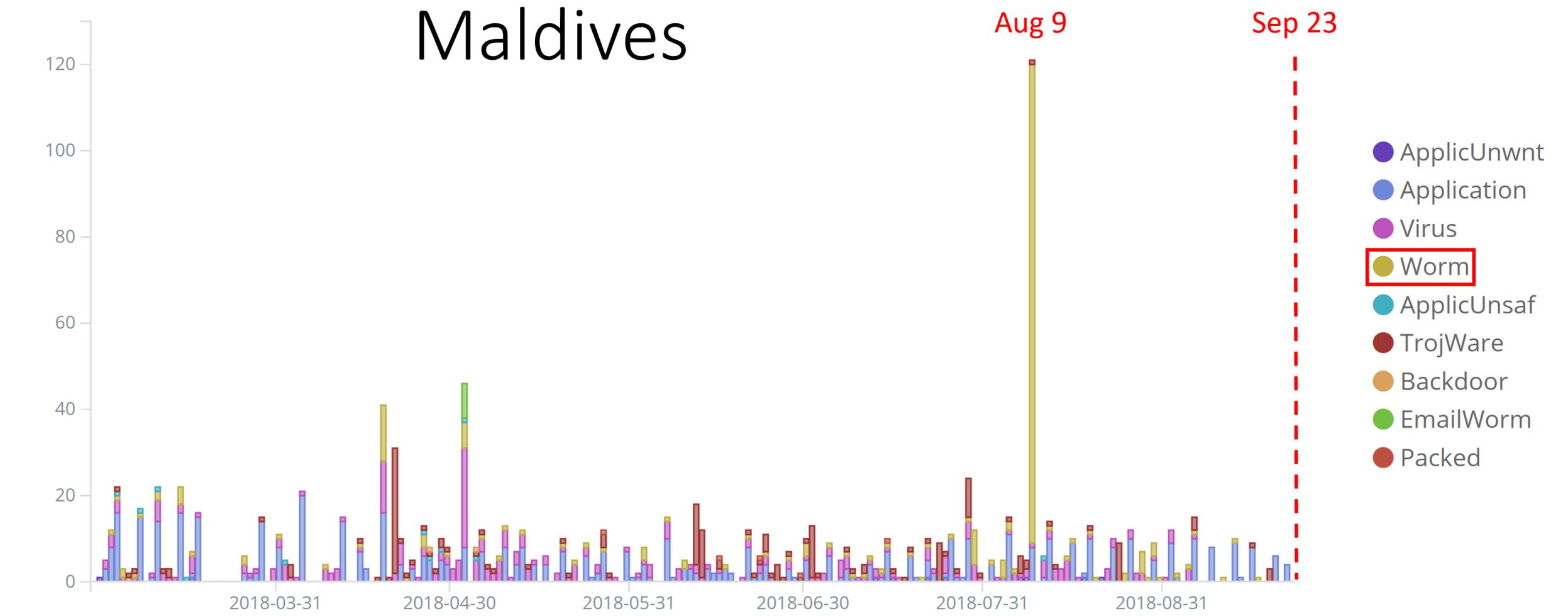
## Paraguay



## Zimbabwe

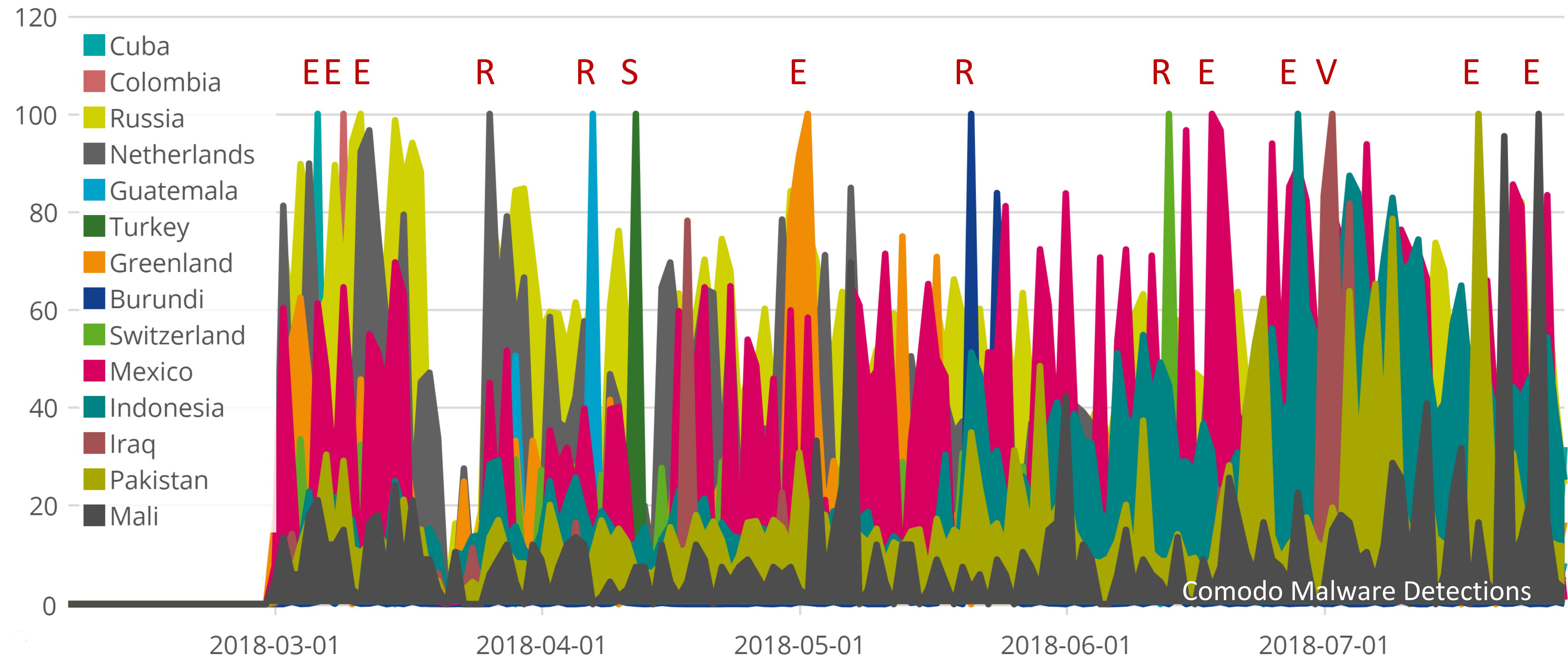


## Maldives



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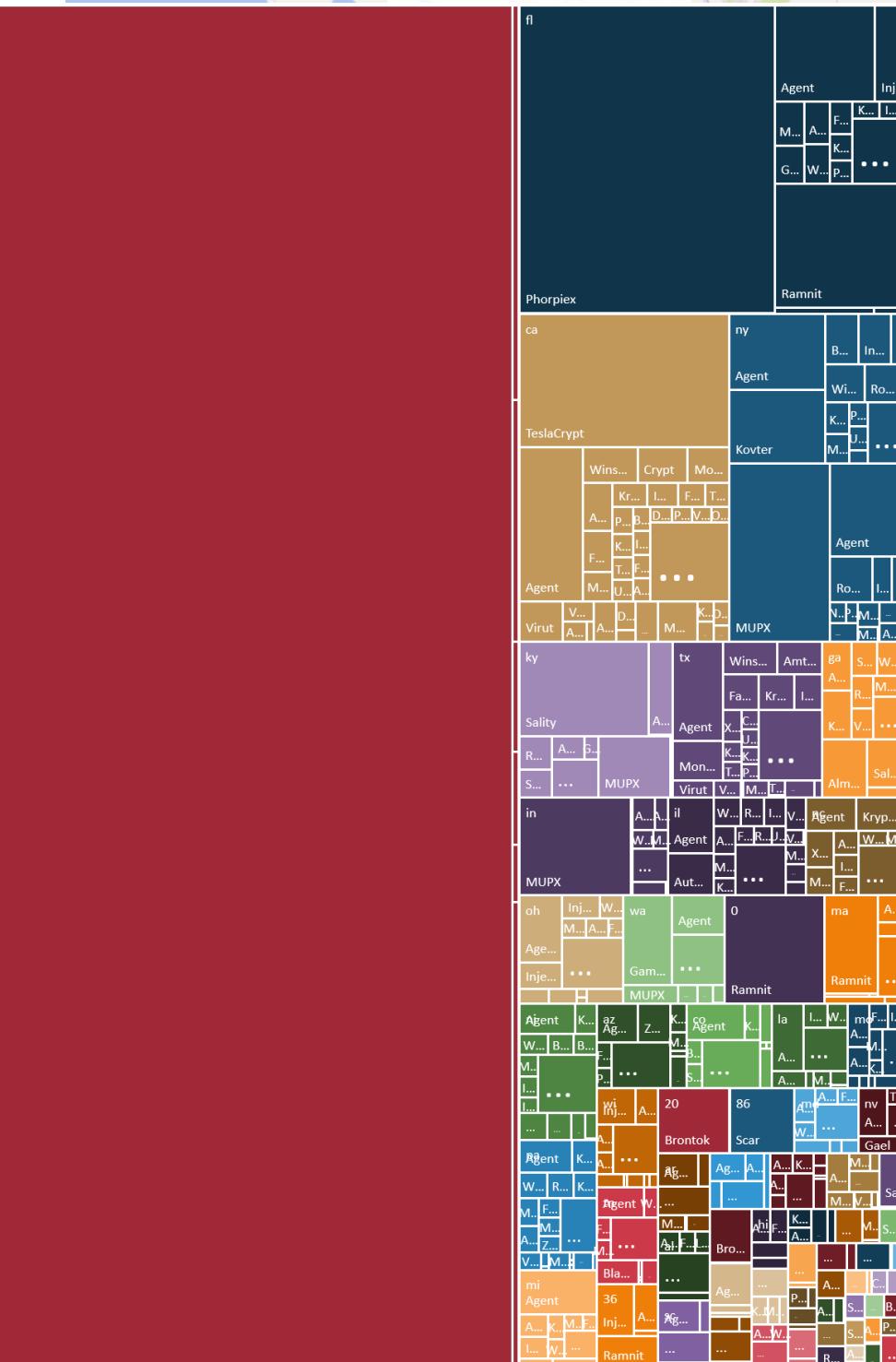
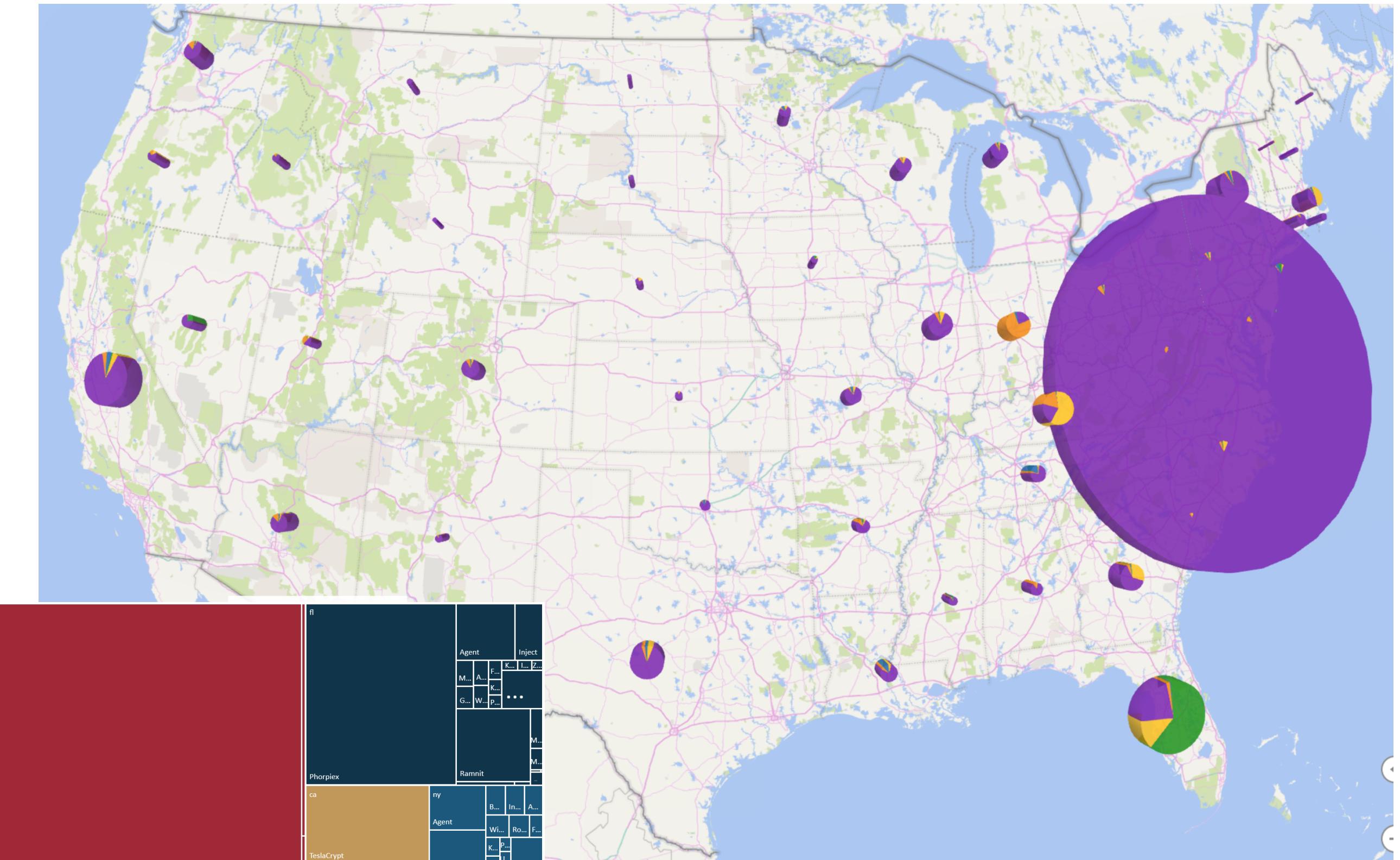
E = Election / R = Referendum / S = Snap election call / V = Vote recount



# Virginia Nov 2017 Gubernatorial Election

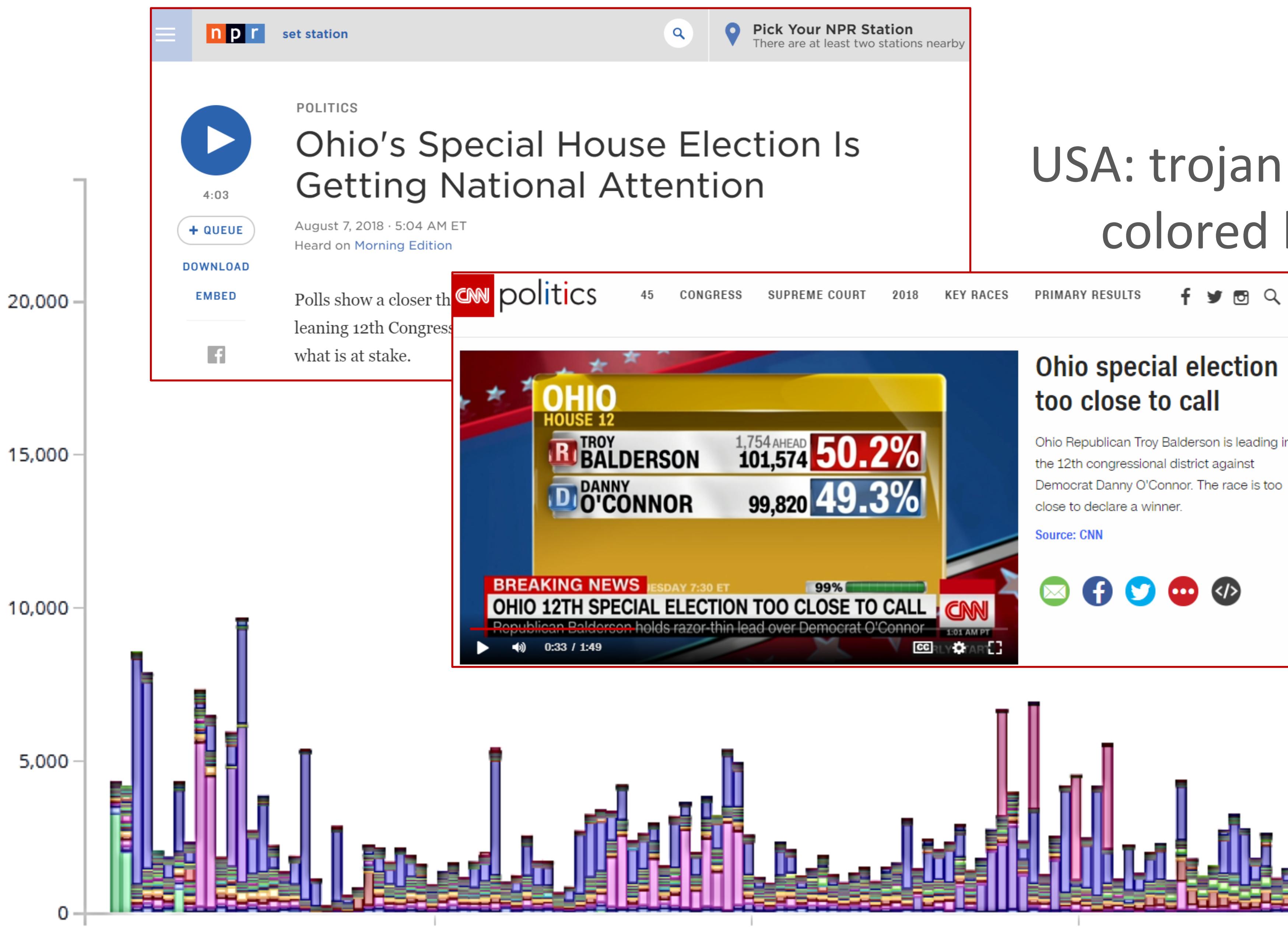
va

Kryptik



Ohio

Jul 22-Aug 4

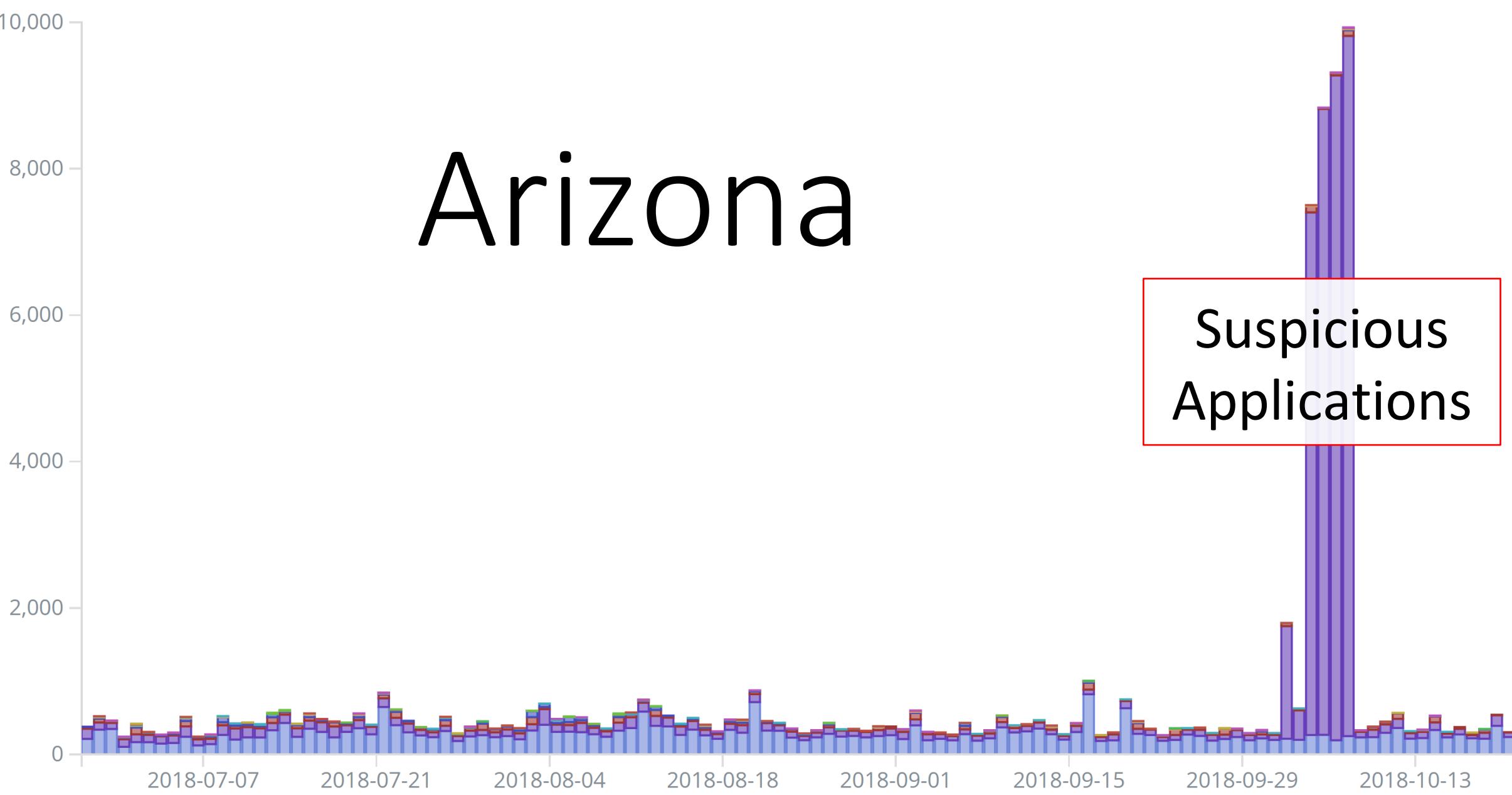


USA: trojan detections colored by state

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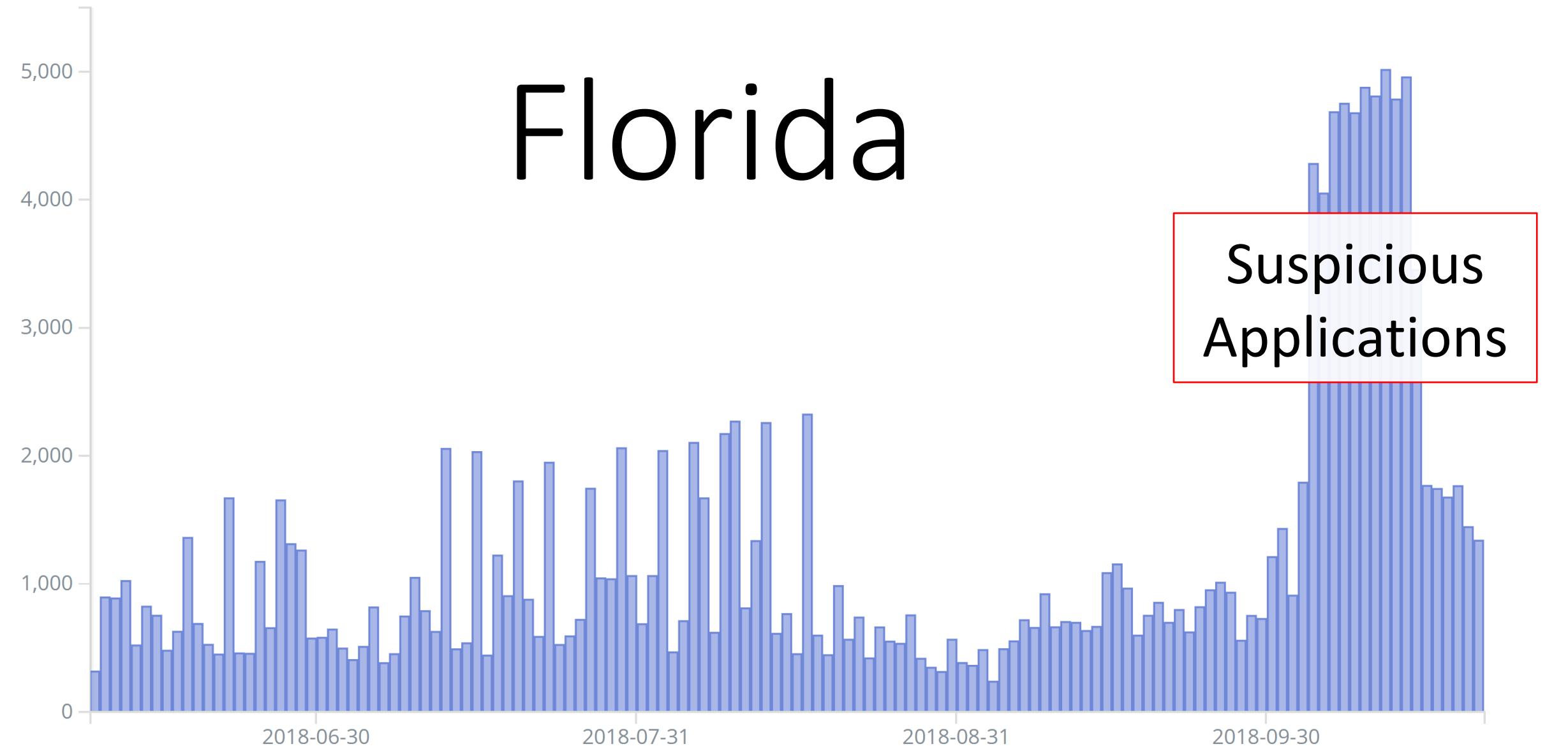
# Arizona

Suspicious Applications



# Florida

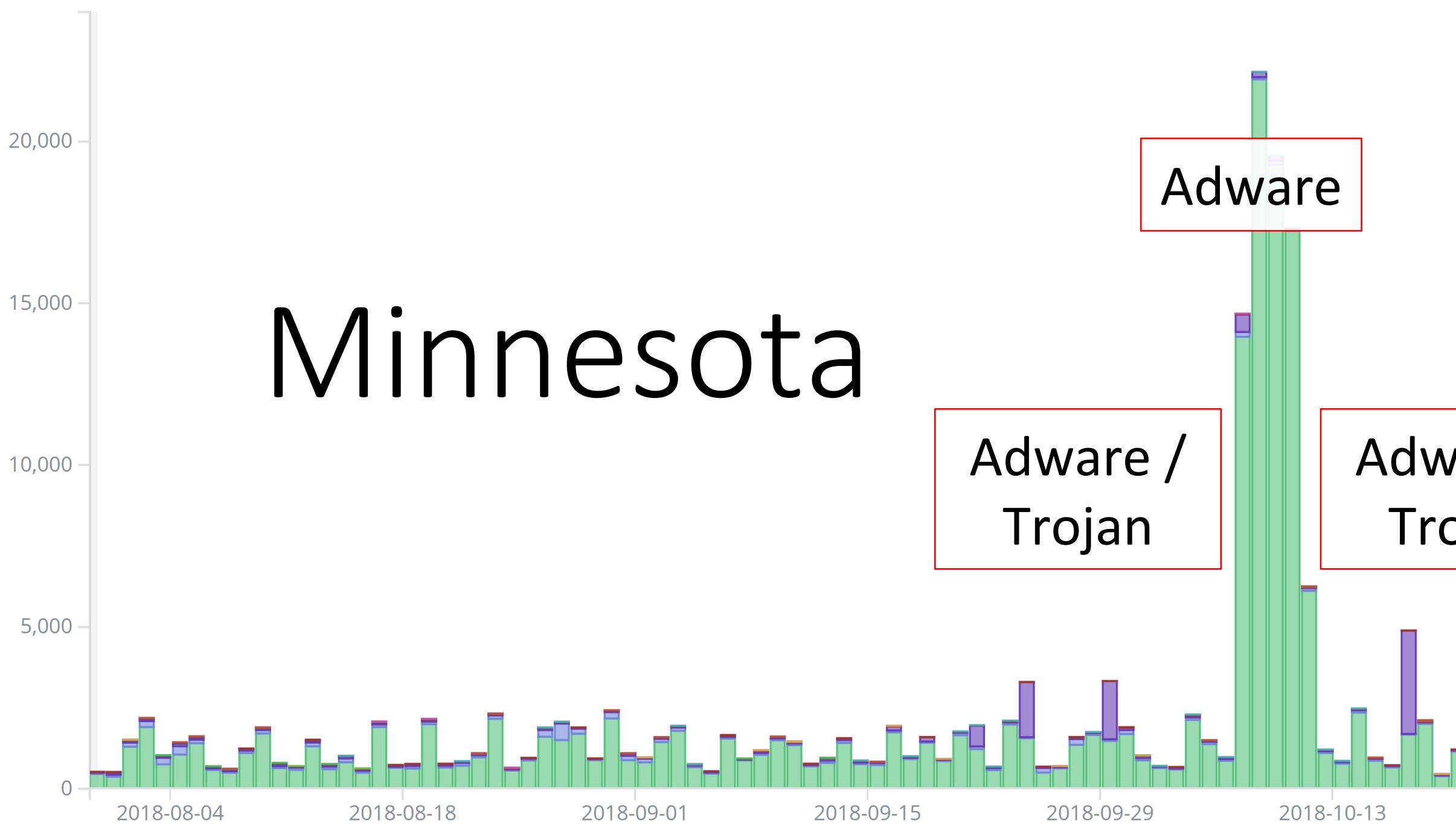
Suspicious Applications



# Minnesota

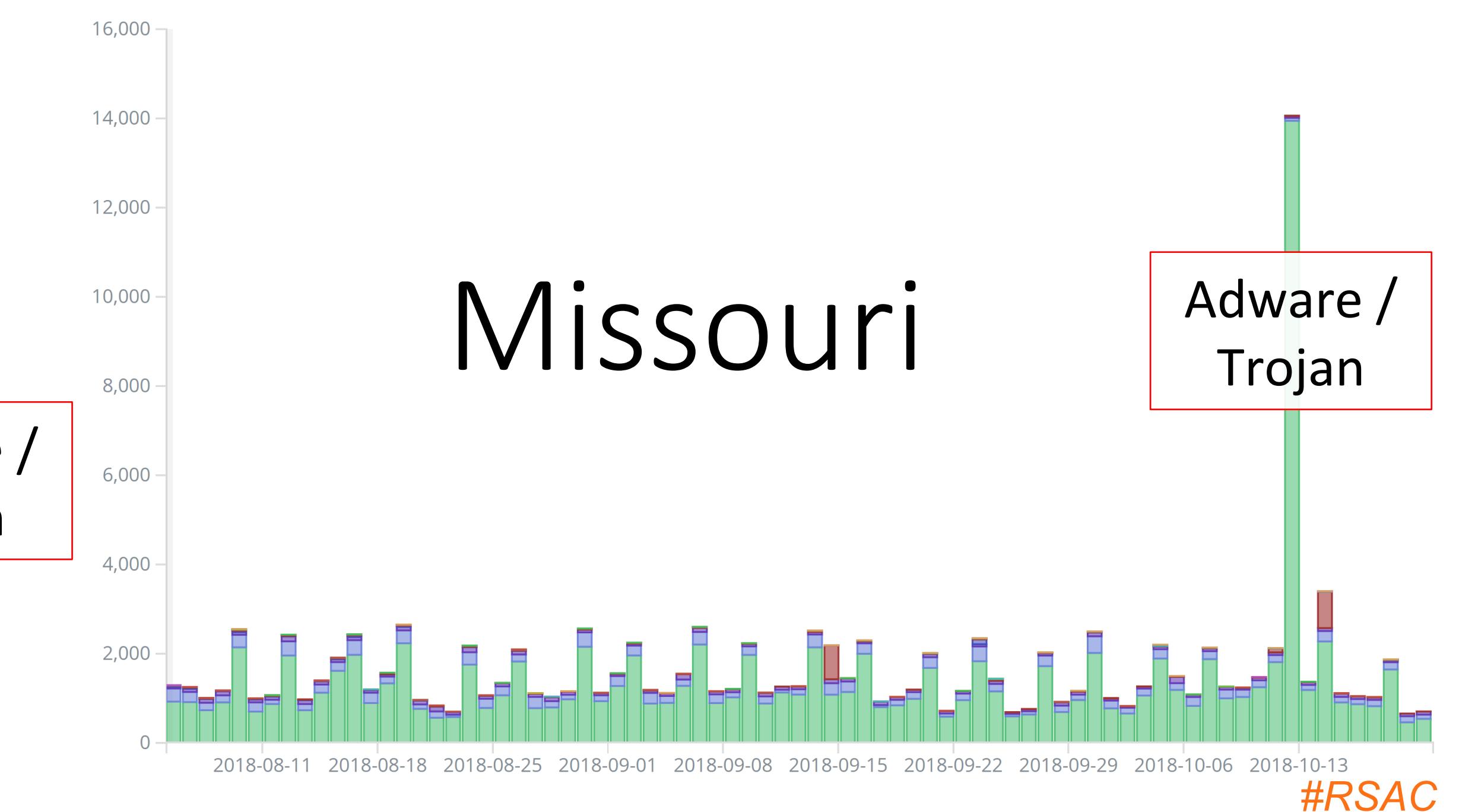
Adware / Trojan

Adware / Trojan



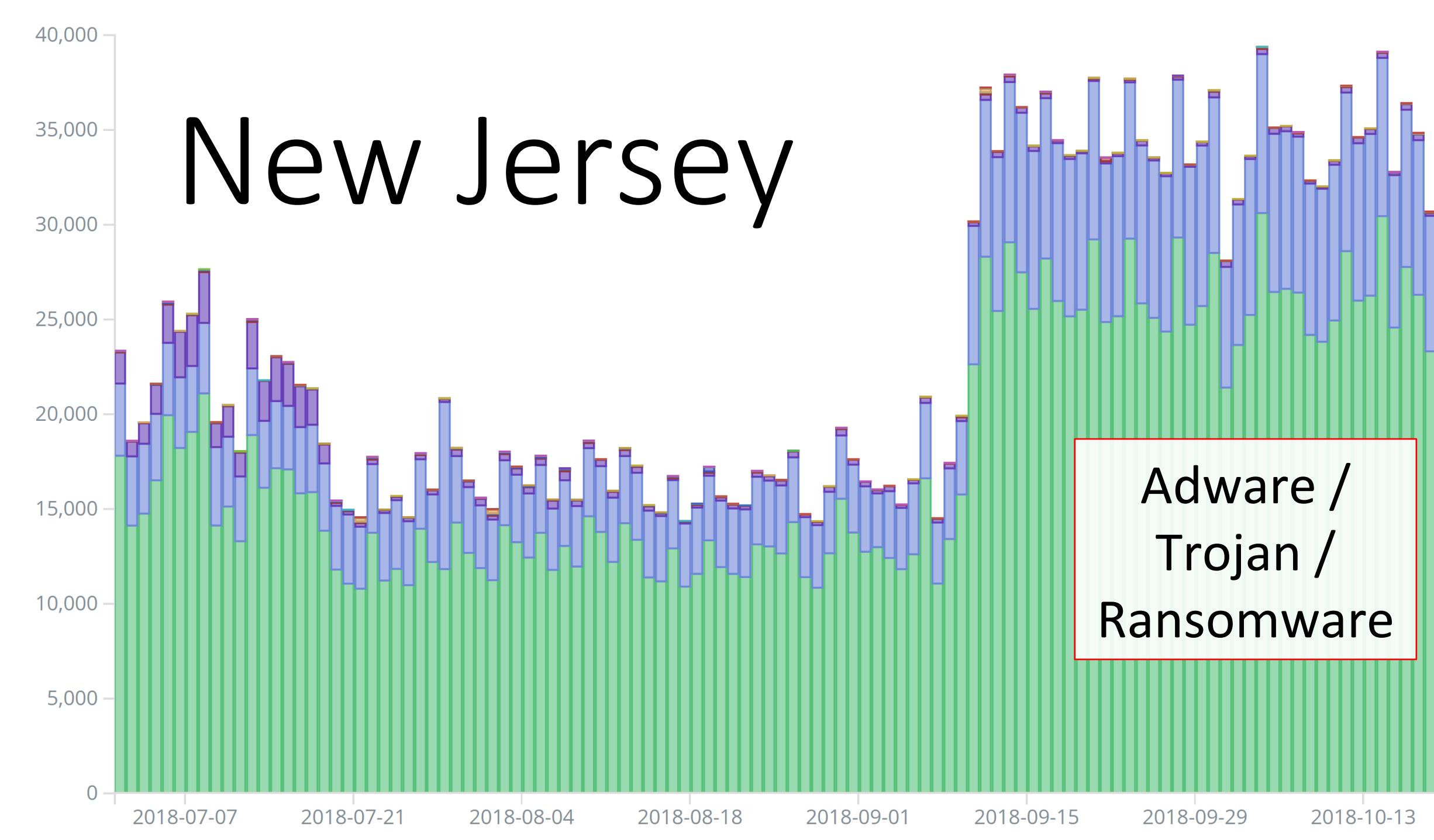
# Missouri

Adware / Trojan

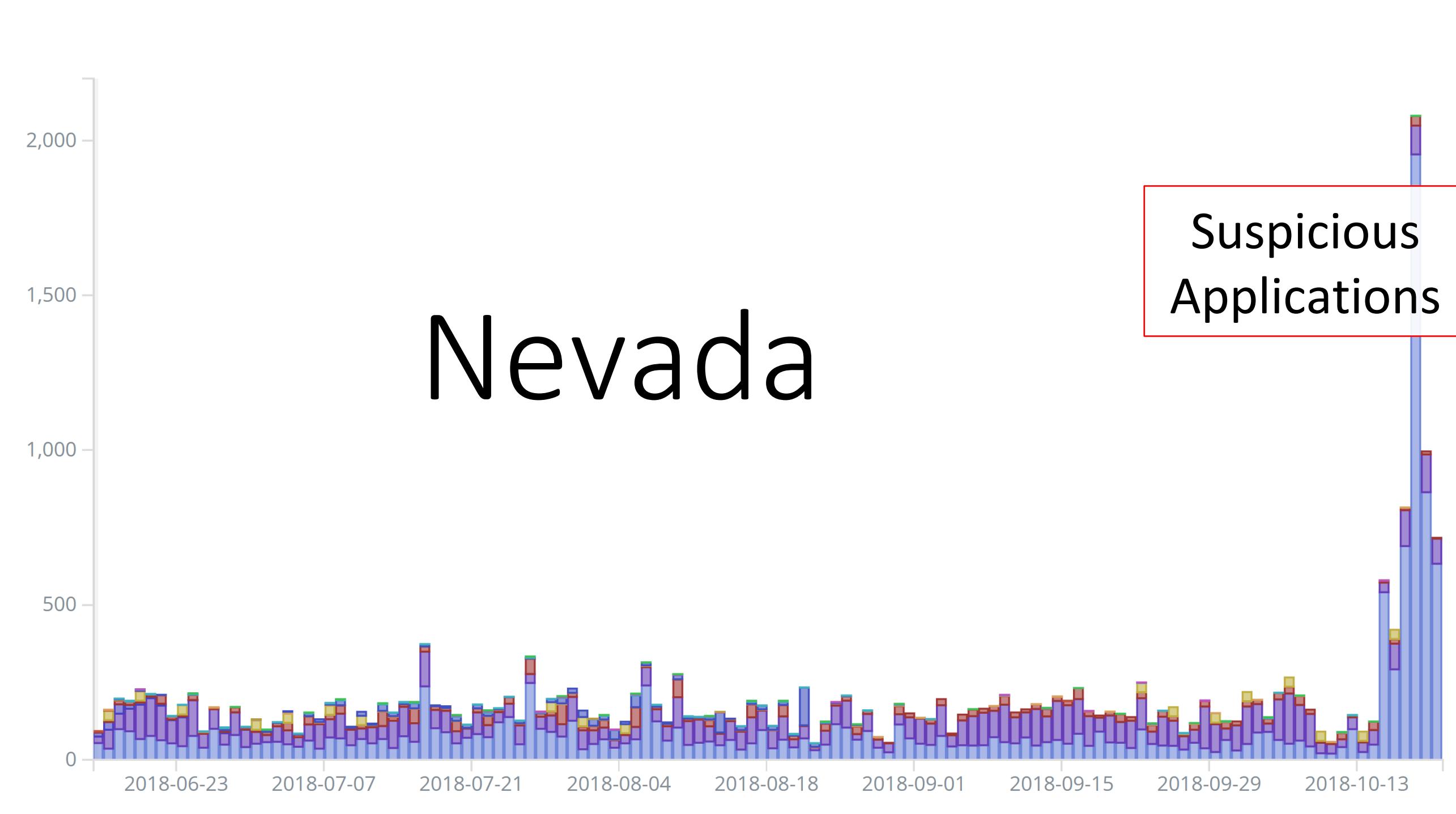


#RSAC

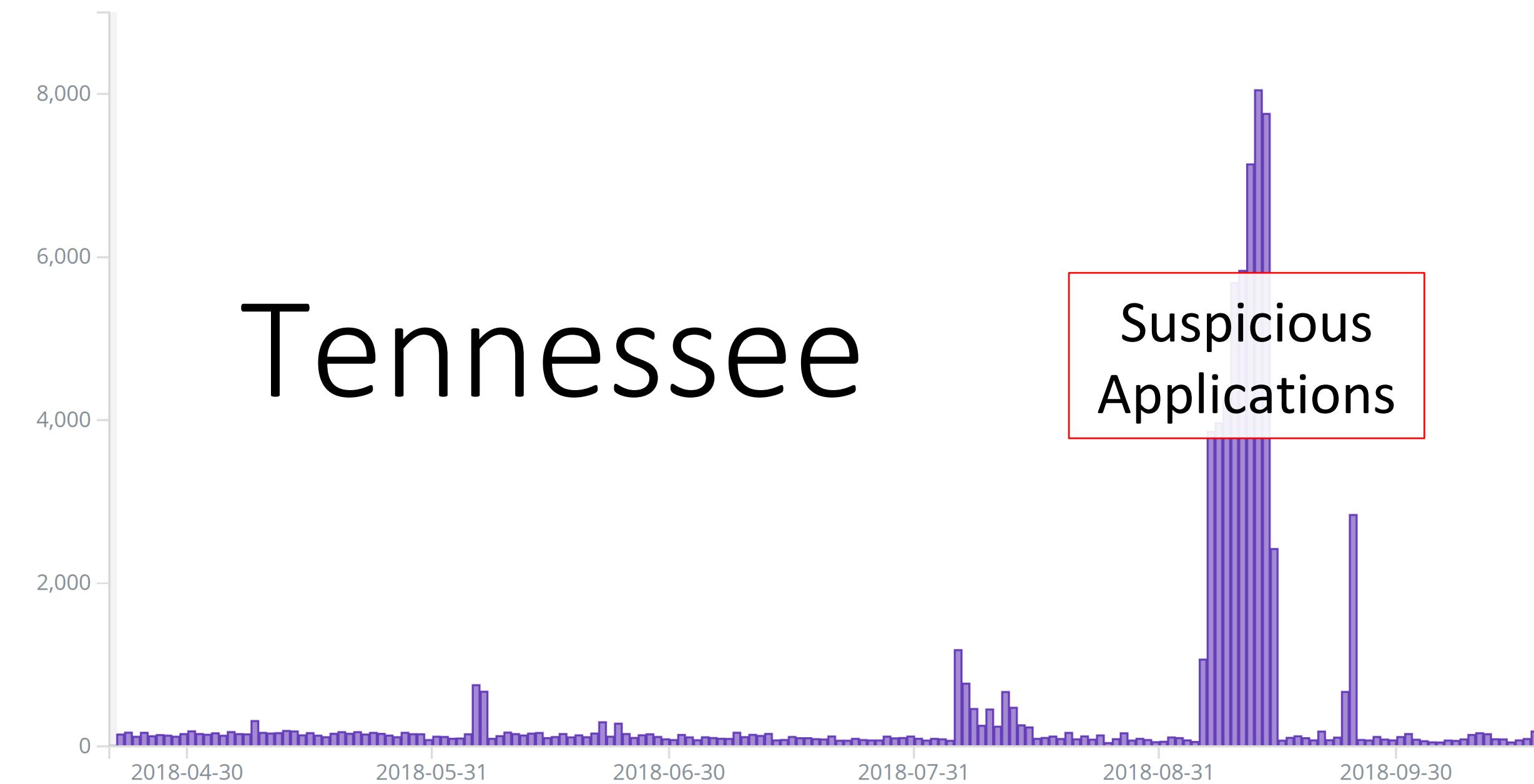
# New Jersey



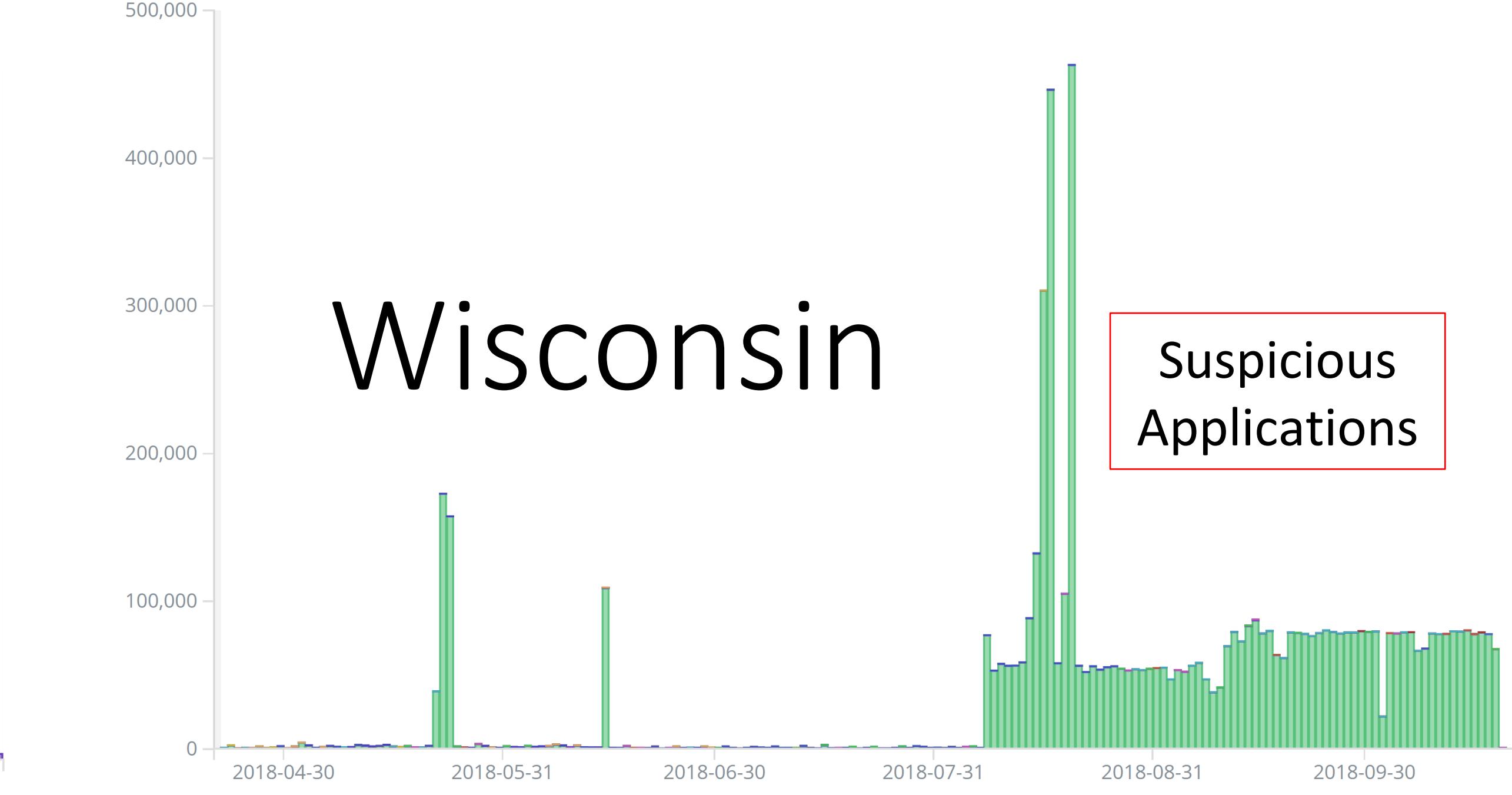
# Nevada

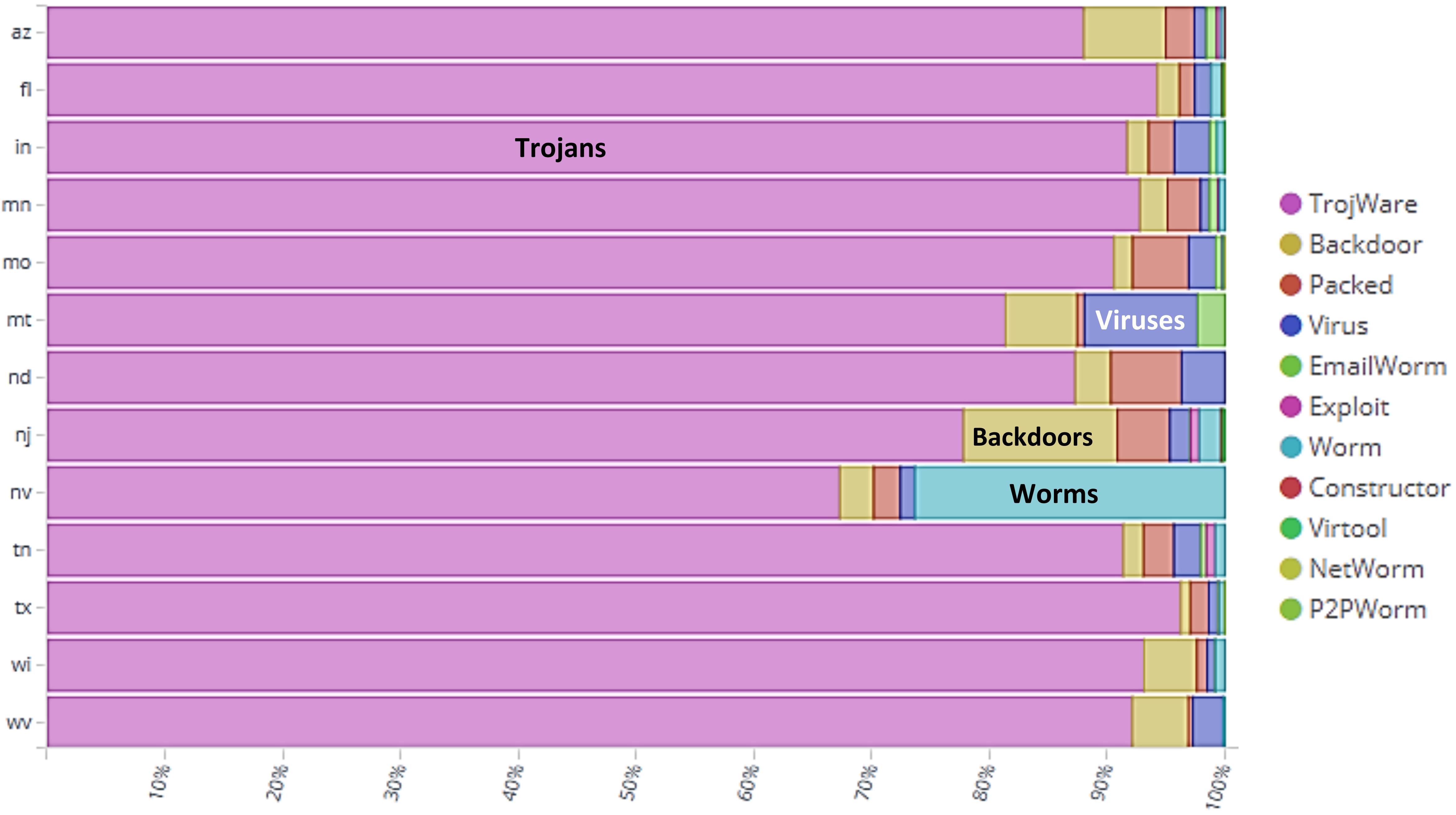


# Tennessee

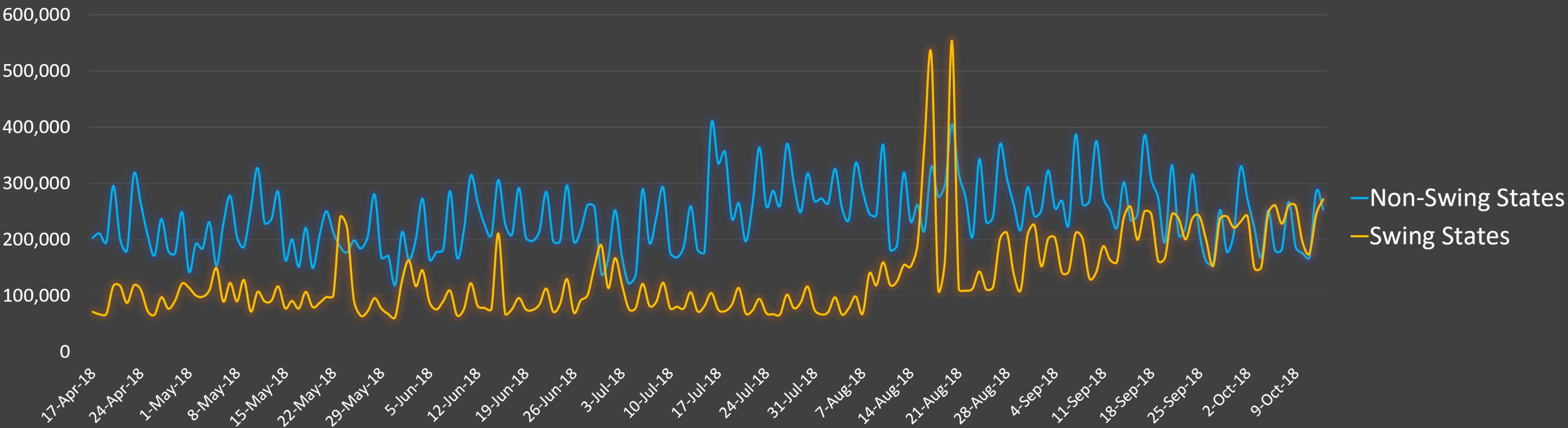


# Wisconsin





## United States



# Absorb and Apply

- Today
  - Geopolitical discussion
- 3 months
  - Law enforcement analysis
- 6 months
  - Counterintelligence analysis

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