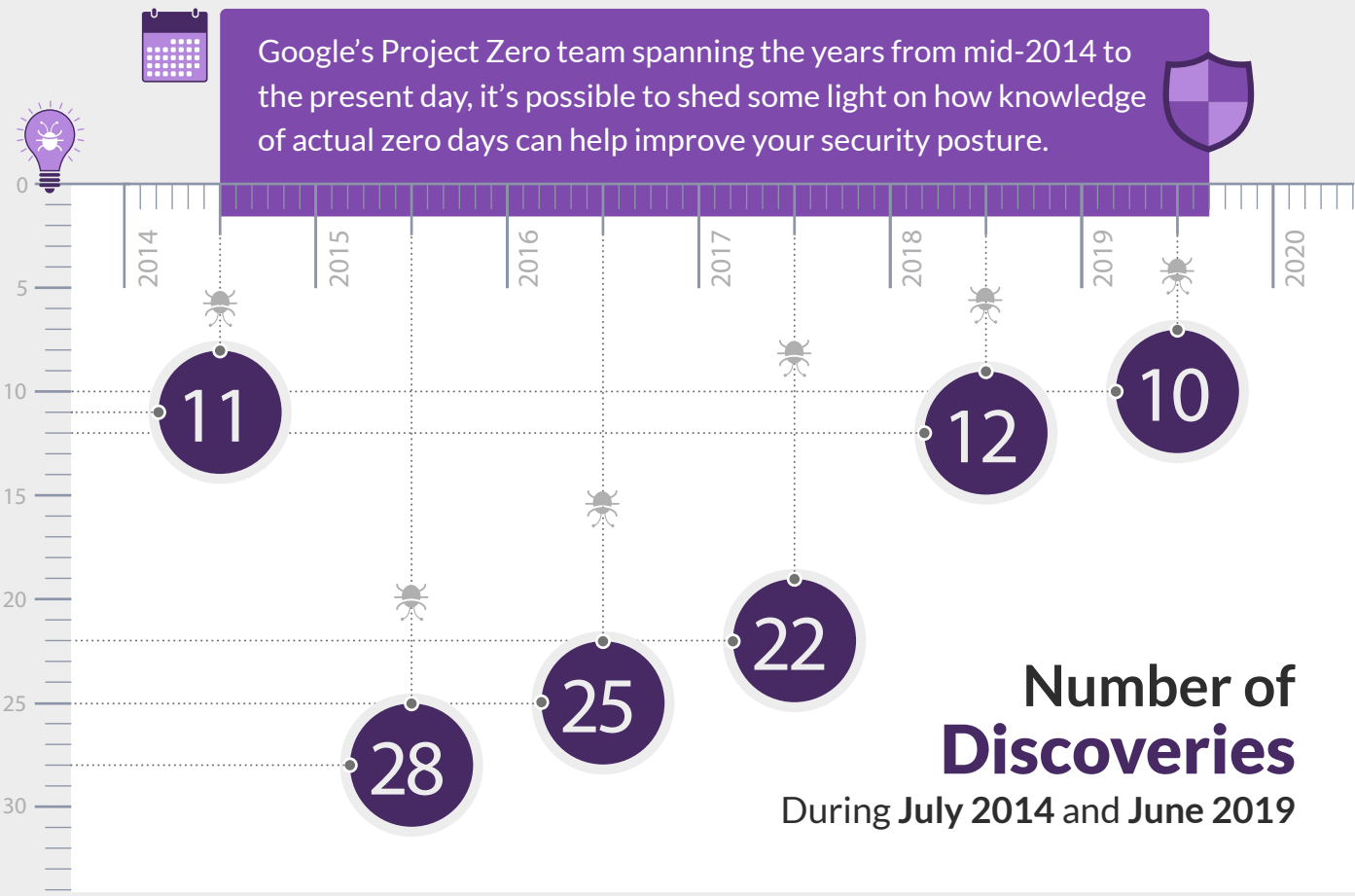




In-the-Wild, Zero Day Attacks



108
ZERO DAY

Exploits discovered between July 2014 and June 2019.

20
ZERO DAY

Exploits are detected in the wild each year, which naturally leads to the question:


 **How many go undetected?** 
 **What percentage of the total are being detected?**

 Association	 Actor	 Claimed Attributions
Russian-Backed State Actor	APT28/Fancy Bear	10
US-Backed State Actor	Equation Group	8
Private Hack for Sale Firm (disbanded)	Hacking Team	7
Middle East-Backed State Actor	Black Oasis	4
Private Hack for Sale Firm	NSO Group	4
Noth Korean Backed State Actor	APT 37 Scar Cruft	3
Chinese Based Actor	APT 19, APT 3	2



The dataset includes zero day exploits that were either detected in the wild or were found in circumstances where in the wild use is a reasonable inference.