

# STATE OF MALWARE 2017

Our researchers examined data gathered from Malwarebytes products deployed on millions of endpoints throughout the world over a six-month period—June to November 2016—to determine the state of malware today.

Our telemetry was gathered from:

**100M**

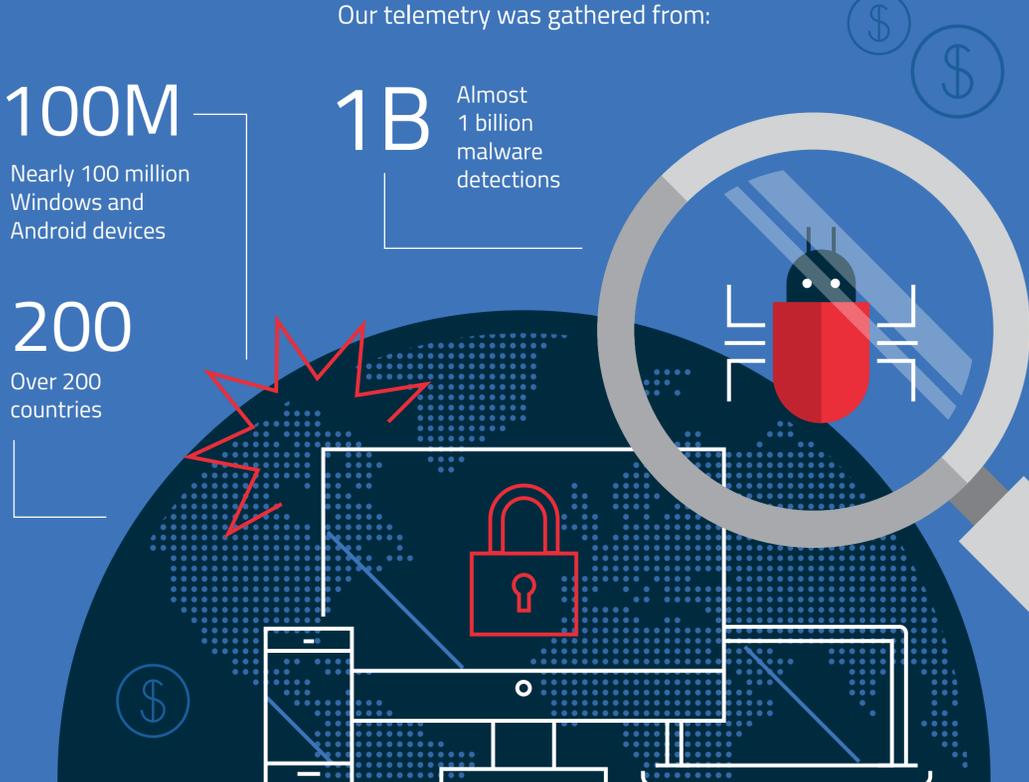
Nearly 100 million Windows and Android devices

**1B**

Almost 1 billion malware detections

**200**

Over 200 countries



Measuring the impact of six threat categories:

Ransomware

Ad fraud malware

Android malware

Botnets

Banking Trojans

Adware

## Ransomware the favorite attack method used against businesses

**400**

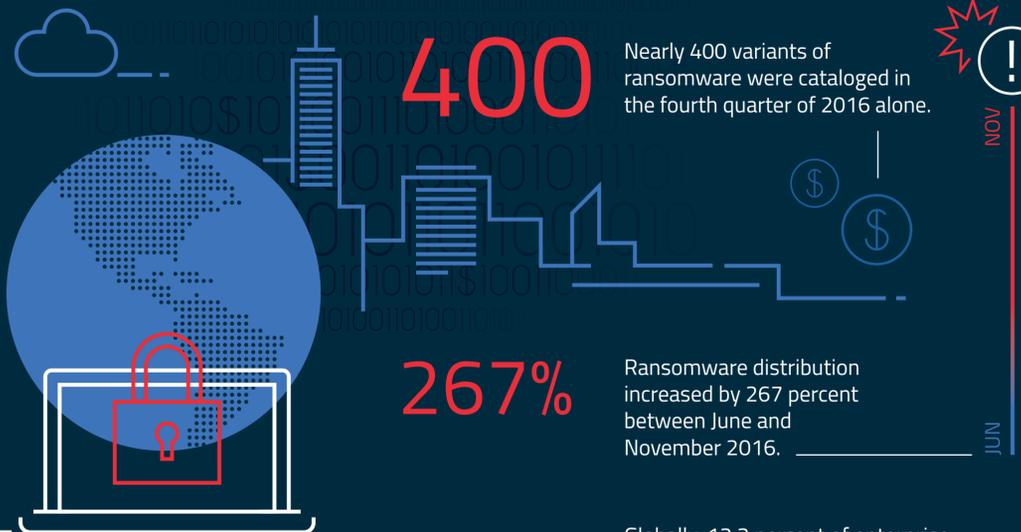
Nearly 400 variants of ransomware were cataloged in the fourth quarter of 2016 alone.

**267%**

Ransomware distribution increased by 267 percent between June and November 2016.

**12.3%**

Globally, 12.3 percent of enterprise detections were ransomware, compared to only 1.8 percent on the consumer side.



## Ad fraud malware a substantial threat for US

**70%**

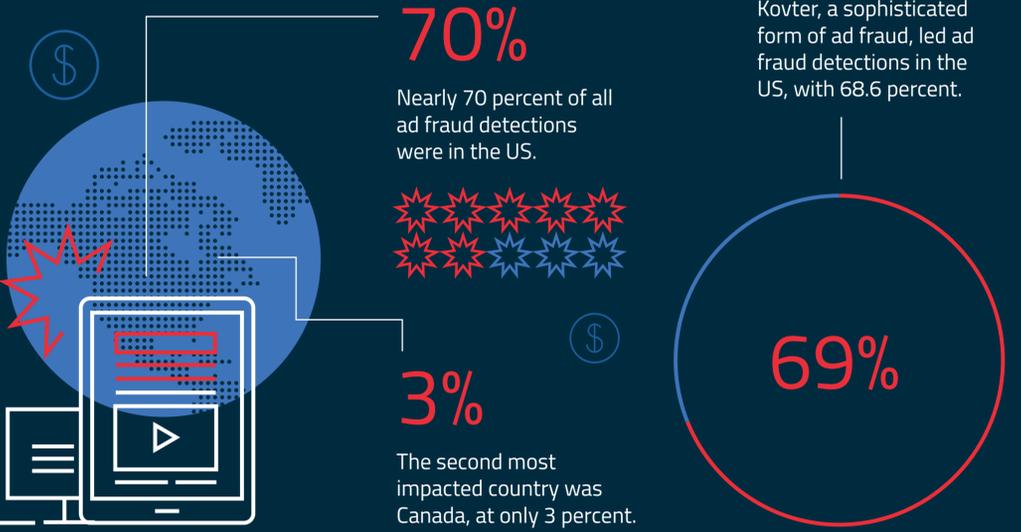
Nearly 70 percent of all ad fraud detections were in the US.

**3%**

The second most impacted country was Canada, at only 3 percent.

Kovter, a sophisticated form of ad fraud, led ad fraud detections in the US, with 68.6 percent.

**69%**



## Asia and Europe saw an increase in botnet variants

**960%**

The Kelihos botnet grew 960 percent in October 2016.

**667%**

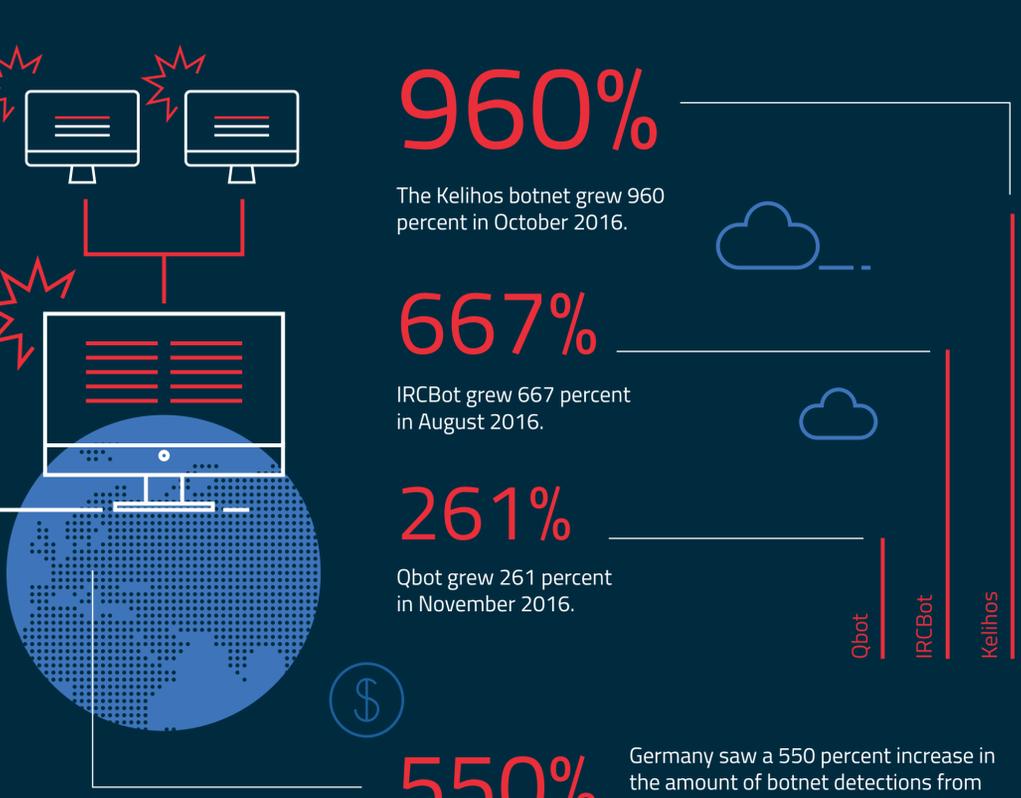
IRCBot grew 667 percent in August 2016.

**261%**

Qbot grew 261 percent in November 2016.

**550%**

Germany saw a 550 percent increase in the amount of botnet detections from 2015 to 2016.



## Europe the most malware-ridden continent

**20%**

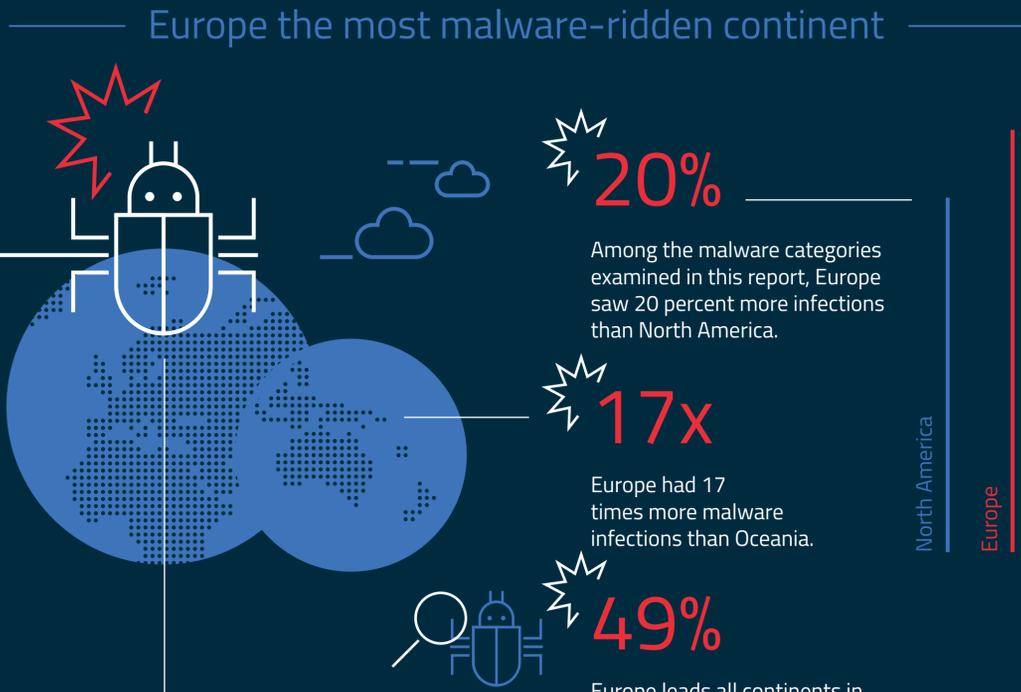
Among the malware categories examined in this report, Europe saw 20 percent more infections than North America.

**17x**

Europe had 17 times more malware infections than Oceania.

**49%**

Europe leads all continents in ransomware detections with 49 percent.



To learn more about the latest developments in cybersecurity, go to [blog.malwarebytes.com](http://blog.malwarebytes.com).

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