9/16/2020 State of the Web



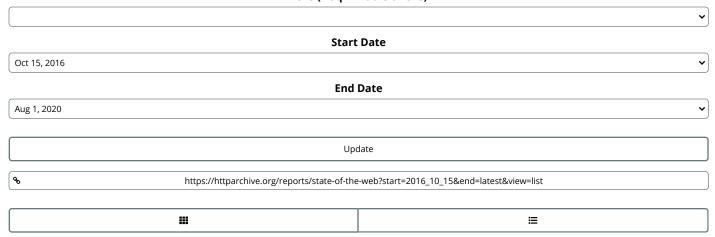


# Report: State of the Web

This report captures a long view of the web, including the adoption of techniques for efficient network utilization and usage of web standards like HTTPS.

- Sample Size
- Total Kilobytes
- Total Requests
- HTTPS Requests
- Pages with Vulnerable JS
- TCP Connections Per Page
- HTTP/2 Requests
- Font Display

#### Lens (/faq#what-is-a-lens)



#### Sample Size

The number of URLs analyzed in this report.

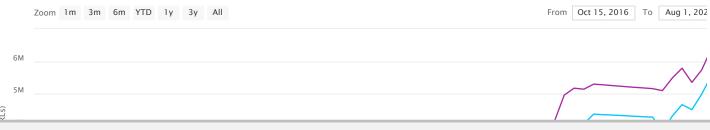
DESKTOP

MOBILE

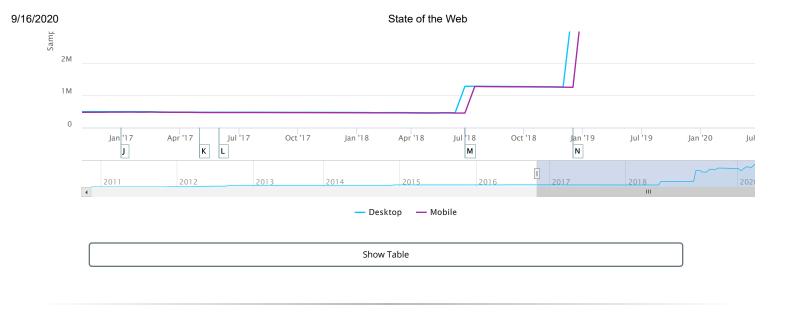
5,593,642 URLs 6,347,919 URLs

Timeseries of Sample Size

Source: httparchive.org (http://httparchive.org)







# **Total Kilobytes**

The sum of transfer size (https://www.w3.org/TR/resource-timing-2/#dom-performanceresourcetiming-transfersize) kilobytes of all resources requested by the page.

See also: Page Weight (/reports/page-weight)

MEDIAN DESKTOP 2098.8 KB

1917.5 KB

▲38.5%

**▲**44.5%

Timeseries of Total Kilobytes

Source: httparchive.org (http://httparchive.org)





#### State of the Web

The number of resources requested by the page.

See also: Page Weight (/reports/page-weight)

MEDIAN DESKTOP

MEDIAN MOBILE

# 74 Requests 70 Requests

**▼**4.1%

#### Timeseries of Total Requests

Source: httparchive.org (http://httparchive.org)



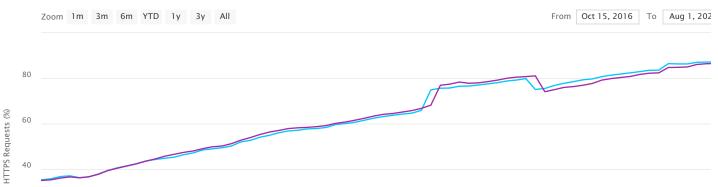
### **HTTPS Requests**

The percent of all requests in the crawl whose URLs are prefixed with https.

87.7% 86.9% \$149.1% \$149.0%

Timeseries of HTTPS Requests

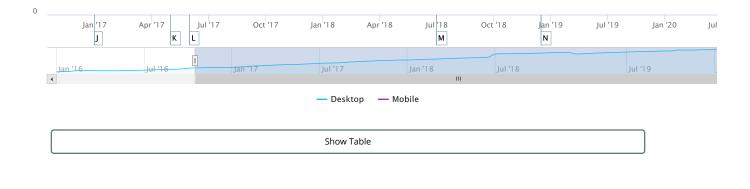
Source: httparchive.org (http://httparchive.org)





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### Pages with Vulnerable JS

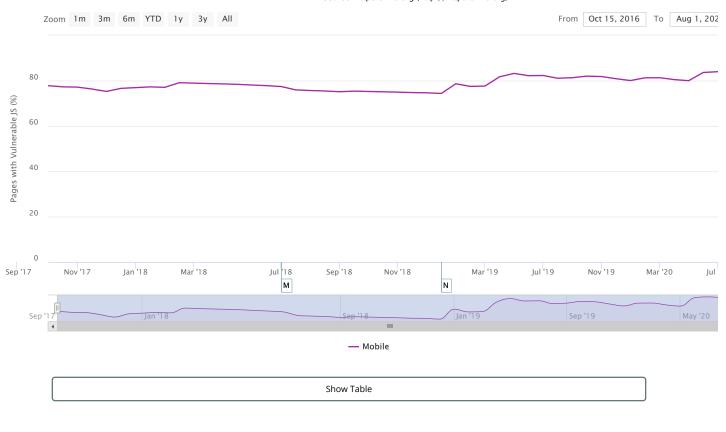
The percent of crawled pages that contain at least one known third-party JavaScript vulnerability. Vulnerabilities are detected by Lighthouse (https://developers.google.com/web/tools/lighthouse/audits/vulnerabilities) using data from Snyk (https://snyk.io/vuln?packageManager=all).

This metric is only available in mobile tests.

MOBILE 83.5% ▲7.3%

Timeseries of Pages with Vulnerable JS

Source: httparchive.org (http://httparchive.org)



# TCP Connections Per Page

The number of TCP connections per page.

MEDIAN DESKTOP MEDIAN MOBILE



9/16/2020 State of the Web

#### Timeseries of TCP Connections Per Page

Source: httparchive.org (http://httparchive.org)



### HTTP/2 Requests

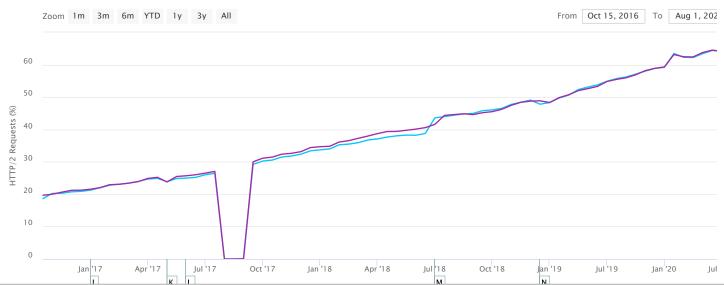
The percent of all requests in the crawl using HTTP/2.

DESKTOP MOBILE
63.7% 63.8%

▲ 242.5% ▲ 223.9%

Timeseries of HTTP/2 Requests

Source: httparchive.org (http://httparchive.org)





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