Performance Report for:

https://en.wikipedia.org/wiki/Information_and_Communi...

Report generated: Wed, Dec 4, 2024 6:27 AM -0800
Test Server Location: 🇭🇰 Hong Kong, China
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

A	Performance **96%**	Structure **97%**	L. Contentful Paint **423ms**	T. Blocking Time **42ms**	C. Layout Shift **0.13**

Top Issues

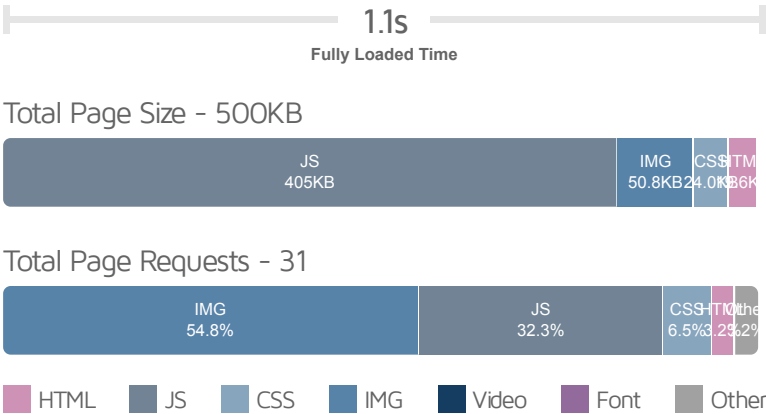|			
Med-Low	Use a Content Delivery Network (CDN)		28 resources found
Med-Low	Avoid an excessive DOM size	TBT	1,151 elements
Low	Avoid large layout shifts	CLS	3 elements found
Low	Serve static assets with an efficient cache policy		Potential savings of 23.6KB
Low	Reduce unused CSS	FCP LCP	Potential savings of 88.3KB

Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

Page Details

1.1s
Fully Loaded Time

Total Page Size - 500KB

JS 405KB	IMG 50.8KB	CSS 24.0KB	HTML 6K

Total Page Requests - 31

IMG 54.8%	JS 32.3%	CSS 6.5%	HTML 3.2%	Other 2%

HTML JS CSS IMG Video Font Other

How does this affect me?

Modern web users have a short attention span and expect a fast and seamless website experience. Delivering that fast experience can result in more traffic, more conversions, and more happiness.

As if you didn't need more incentive, **Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.**
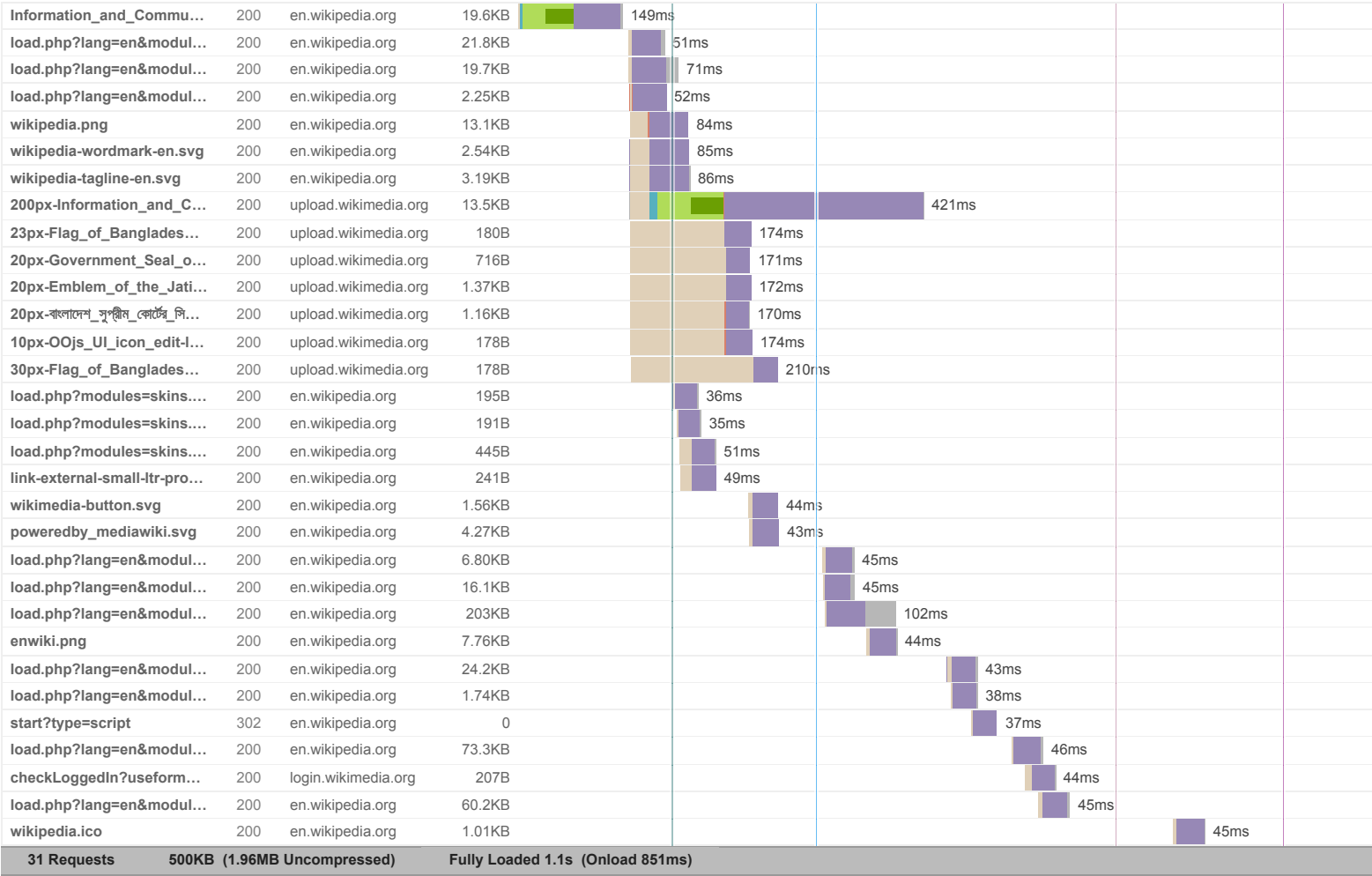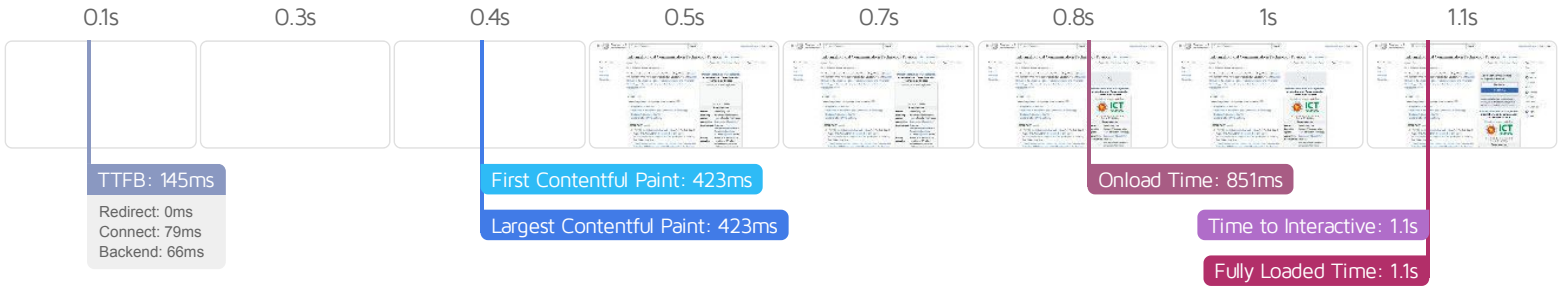
About GTmetrix

GTmetrix

GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

Learn more about us.

The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Information and Communication Technology Division - Wikipedia

Information_and_Commu...	200	en.wikipedia.org	19.6KB	149ms
load.php?lang=en&modul...	200	en.wikipedia.org	21.8KB	51ms
load.php?lang=en&modul...	200	en.wikipedia.org	19.7KB	71ms
load.php?lang=en&modul...	200	en.wikipedia.org	2.25KB	52ms
wikipedia.png	200	en.wikipedia.org	13.1KB	84ms
wikipedia-wordmark-en.svg	200	en.wikipedia.org	2.54KB	85ms
wikipedia-tagline-en.svg	200	en.wikipedia.org	3.19KB	86ms
200px-Information_and_C...	200	upload.wikimedia.org	13.5KB	421ms
23px-Flag_of_Banglades...	200	upload.wikimedia.org	180B	174ms
20px-Government_Seal_o...	200	upload.wikimedia.org	716B	171ms
20px-Emblem_of_the_Jati...	200	upload.wikimedia.org	1.37KB	172ms
20px-বাংলাদেশ_সুপ্রীম_কোর্টের_সি...	200	upload.wikimedia.org	1.16KB	170ms
10px-OOjs_UI_icon_edit-l...	200	upload.wikimedia.org	178B	174ms
30px-Flag_of_Banglades...	200	upload.wikimedia.org	178B	210ms
load.php?modules=skins....	200	en.wikipedia.org	195B	36ms
load.php?modules=skins....	200	en.wikipedia.org	191B	35ms
load.php?modules=skins....	200	en.wikipedia.org	445B	51ms
link-external-small-ltr-pro...	200	en.wikipedia.org	241B	49ms
wikimedia-button.svg	200	en.wikipedia.org	1.56KB	44ms
poweredby_mediawiki.svg	200	en.wikipedia.org	4.27KB	43ms
load.php?lang=en&modul...	200	en.wikipedia.org	6.80KB	45ms
load.php?lang=en&modul...	200	en.wikipedia.org	16.1KB	45ms
load.php?lang=en&modul...	200	en.wikipedia.org	203KB	102ms
enwiki.png	200	en.wikipedia.org	7.76KB	44ms
load.php?lang=en&modul...	200	en.wikipedia.org	24.2KB	43ms
load.php?lang=en&modul...	200	en.wikipedia.org	1.74KB	38ms
start?type=script	302	en.wikipedia.org	0	37ms
load.php?lang=en&modul...	200	en.wikipedia.org	73.3KB	46ms
checkLoggedIn?useform...	200	login.wikimedia.org	207B	44ms
load.php?lang=en&modul...	200	en.wikipedia.org	60.2KB	45ms
wikipedia.ico	200	en.wikipedia.org	1.01KB	45ms

31 Requests   500KB (1.96MB Uncompressed)   Fully Loaded 1.1s (Onload 851ms)

0.1s   0.3s   0.4s   0.5s   0.7s   0.8s   1s   1.1s

TTFB: 145ms
Redirect: 0ms
Connect: 79ms
Backend: 66ms

First Contentful Paint: 423ms
Largest Contentful Paint: 423ms

Onload Time: 851ms
Time to Interactive: 1.1s
Fully Loaded Time: 1.1s

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Good - Nothing to do here

423ms

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

Good - Nothing to do here

1.1s

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Good - Nothing to do here

536ms

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Good - Nothing to do here

42ms

Largest Contentful Paint

How long it takes for the largest element of content (i.e., a hero image) to be painted on your page. A good user experience is 1.2s or less.

Good - Nothing to do here

423ms

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

OK, but consider improvement

0.13

Browser Timings

Redirect	0ms	Connect	79ms	Backend	66ms
TTFB	145ms	DOM Int.	216ms	DOM Loaded	218ms
First Paint	423ms	Onload	851ms	Fully Loaded	1.1s

IMPACT	AUDIT	
Med-Low	Use a Content Delivery Network (CDN)	28 resources found
Med-Low	Avoid an excessive DOM size TBT	1,151 elements
Low	Avoid large layout shifts CLS	3 elements found
Low	Serve static assets with an efficient cache policy	Potential savings of 23.6KB
Low	Reduce unused CSS FCP LCP	Potential savings of 88.3KB
Low	Properly size images	Potential savings of 9.8KB
Low	Serve images in next-gen formats	Potential savings of 19.1KB
Low	Avoid long main-thread tasks TBT	2 long tasks found
Low	Reduce JavaScript execution time TBT	430ms spent executing JavaScript
Low	Avoid enormous network payloads LCP	Total size was 528KB
Low	Reduce unused JavaScript LCP	Potential savings of 134KB
Low	Avoid chaining critical requests FCP LCP	2 chains found
N/A	Reduce the impact of third-party code TBT	Total size was 24.8KB
N/A	Eliminate render-blocking resources FCP LCP	Potential savings of 0 ms
N/A	Reduce initial server response time FCP LCP	Root document took 65ms
N/A	User Timing marks and measures	1 user timing
N/A	Largest Contentful Paint element LCP	420 ms
N/A	Minimize main-thread work TBT	Main-thread busy for 964ms
N/A	Avoid serving legacy JavaScript to modern browsers TBT	