

# Performance Report for: <https://napp.co.uk/>

Report generated: Wed, Mar 13, 2024 10:49 PM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

|          |             |           |                     |                  |                 |
|----------|-------------|-----------|---------------------|------------------|-----------------|
| <b>B</b> | Performance | Structure | L. Contentful Paint | T. Blocking Time | C. Layout Shift |
|          | 81%         | 91%       | 1.9s                | 0ms              | 0               |

## Top Issues

|         |   |                            |
|---------|---|----------------------------|
| High    | Reduce initial server response time <small>FCP LCP</small>        | Root document took 1.6s    |
| Med     | Don't lazy load Largest Contentful Paint image <small>LCP</small> | LCP was lazy loaded        |
| Med-Low | Serve static assets with an efficient cache policy                | Potential savings of 342KB |
| Med-Low | Use a Content Delivery Network (CDN)                              | 11 resources found         |
| Low     | Avoid chaining critical requests <small>FCP LCP</small>           | 4 chains found             |

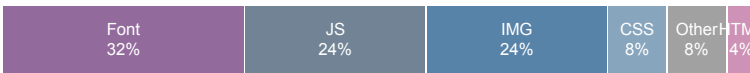
## Page Details



Total Page Size - 526KB



Total Page Requests - 25



HTML JS CSS IMG Video Font Other

### How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

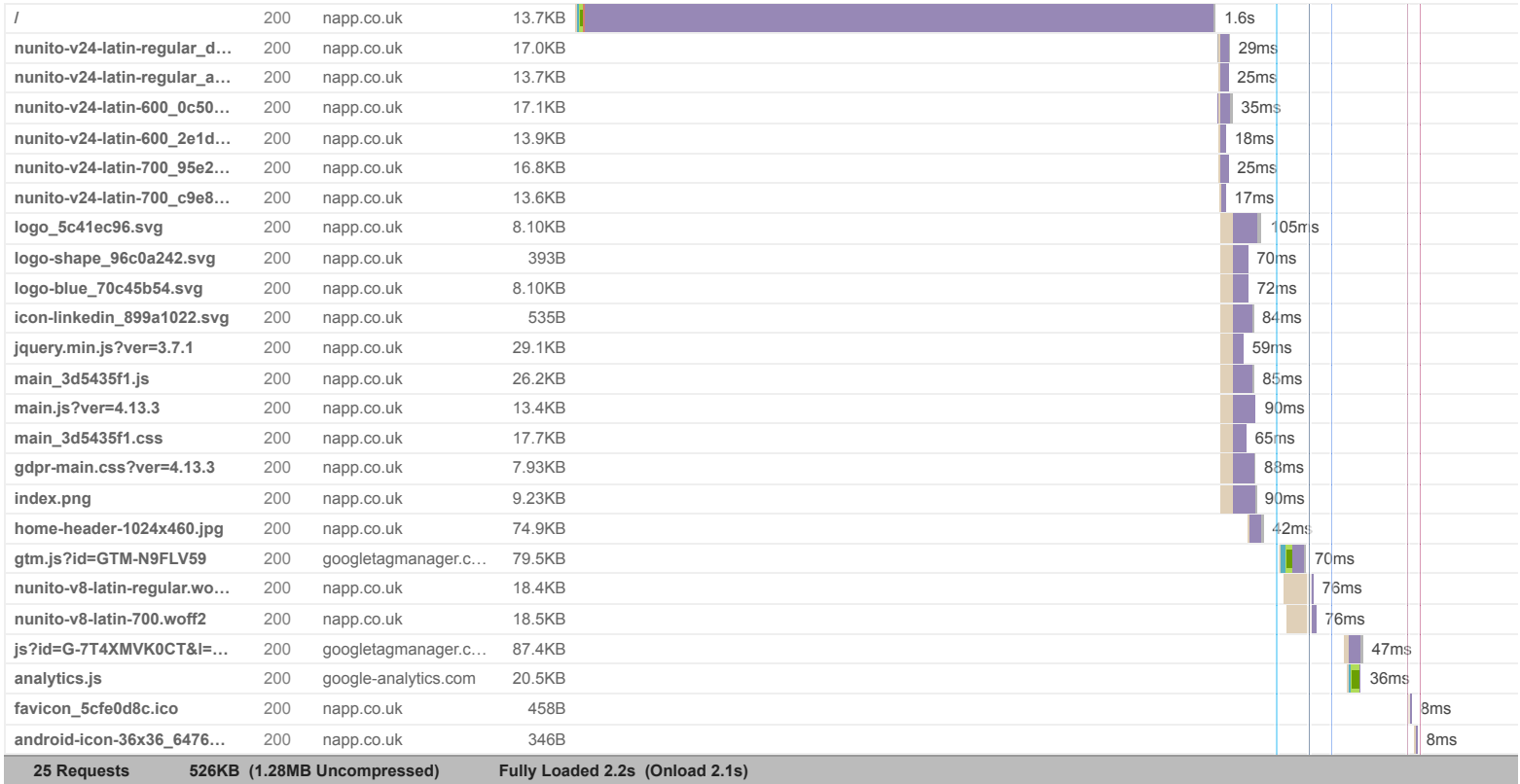


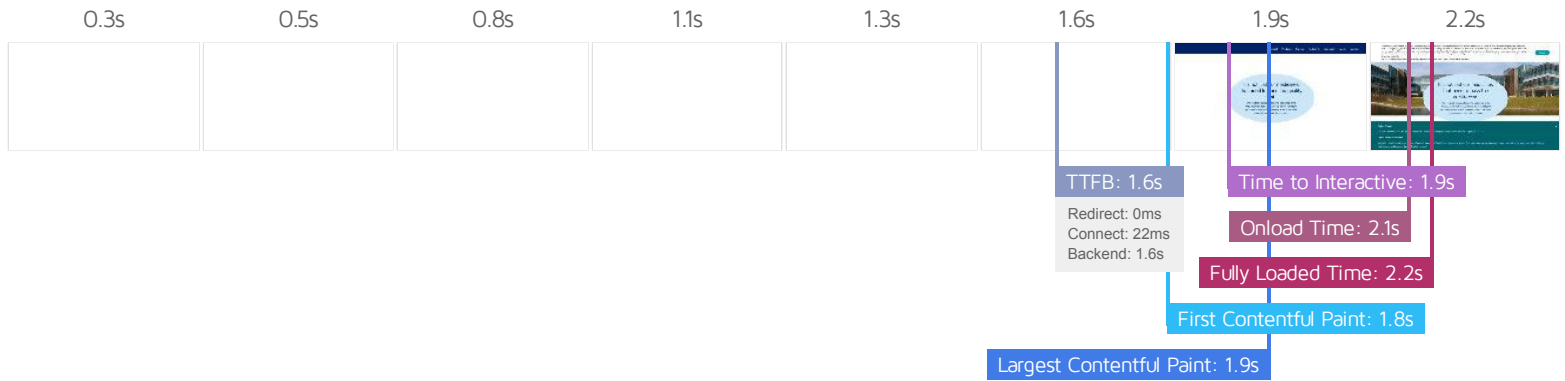
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<https://carbon60.com/>

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.

## Home - Napp





Performance Metrics

|  |   |   |  |
|--|---|---|--|
| <p><b>First Contentful Paint</b></p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>                                    | <p>Much longer than recommended</p> <p>1.8s</p> | <p><b>Time to Interactive</b></p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>           | <p>Good - Nothing to do here</p> <p>1.9s</p> |
| <p><b>Speed Index</b></p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>  | <p>Longer than recommended</p> <p>2.1s</p>      | <p><b>Total Blocking Time</b></p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p> | <p>Good - Nothing to do here</p> <p>0ms</p>  |
| <p><b>Largest Contentful Paint</b></p> <p>How long it takes for the largest element of content (e.g. a hero image) to be painted on your page. A good user experience is 1.2s or less.</p> | <p>Longer than recommended</p> <p>1.9s</p>      | <p><b>Cumulative Layout Shift</b></p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>          | <p>Good - Nothing to do here</p> <p>0</p>    |

Browser Timings

|            |      |             |      |              |      |
|------------|------|-------------|------|--------------|------|
| Redirect   | 0ms  | Connect     | 22ms | Backend      | 1.6s |
| TTFB       | 1.6s | First Paint | 1.8s | DOM Int.     | 1.9s |
| DOM Loaded | 1.9s | Onload      | 2.1s | Fully Loaded | 2.2s |

IMPACT AUDIT

Low

**Avoid enormous network payloads** LCP

Total size was 529KB

Large network payloads cost users real money and are highly correlated with long load times.

| URL   | TRANSFER SIZE |
|---|---------------|
| <a href="https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c">https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c</a>   | 87.6KB        |
| <a href="https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59">https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59</a>   | 79.9KB        |
| <a href="https://napp.co.uk/wp-content/uploads/2022/06/home-header-1024x460.jpg">https://napp.co.uk/wp-content/uploads/2022/06/home-header-1024x460.jpg</a>   | 75.1KB        |
| <a href="https://napp.co.uk/wp-includes/js/jquery/jquery.min.js?ver=3.7.1">https://napp.co.uk/wp-includes/js/jquery/jquery.min.js?ver=3.7.1</a>   | 29.1KB        |
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/scripts/main_3d5435f1.js">https://napp.co.uk/wp-content/themes/napp/dist/scripts/main_3d5435f1.js</a>   | 26.2KB        |
| <a href="https://www.google-analytics.com/analytics.js">https://www.google-analytics.com/analytics.js</a>   | 20.8KB        |
| <a href="https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/fonts/nunito-v8-latin-700.woff2">https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/fonts/nunito-v8-latin-700.woff2</a>         | 18.6KB        |
| <a href="https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/fonts/nunito-v8-latin-regular.woff2">https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/fonts/nunito-v8-latin-regular.woff2</a> | 18.5KB        |
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/styles/main_3d5435f1.css">https://napp.co.uk/wp-content/themes/napp/dist/styles/main_3d5435f1.css</a>   | 17.7KB        |
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/fonts/nunito-v24-latin-600_0c50a3c9.woff">https://napp.co.uk/wp-content/themes/napp/dist/fonts/nunito-v24-latin-600_0c50a3c9.woff</a>                             | 17.3KB        |

Low

**Reduce unused CSS** FCP LCP

Potential savings of 16.7KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

| URL   | TRANSFER SIZE | POTENTIAL SAVINGS |
|---|---------------|-------------------|
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/styles/main_3d5435f1.css">https://napp.co.uk/wp-content/themes/napp/dist/styles/main_3d5435f1.css</a> | 17.7KB        | 16.7KB            |

Low

**Serve images in next-gen formats**

Potential savings of 28.3KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

| URL   | RESOURCE SIZE | POTENTIAL SAVINGS |
|---|---------------|-------------------|
| <a href="https://napp.co.uk/wp-content/uploads/2022/06/home-header-1024x460.jpg">https://napp.co.uk/wp-content/uploads/2022/06/home-header-1024x460.jpg</a> | 74.9KB        | 28.3KB            |

Low

**Defer offscreen images**

Potential savings of 17.3KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

| URL   | RESOURCE SIZE | POTENTIAL SAVINGS |
|---|---------------|-------------------|
| <a href="https://napp.co.uk/wp-content/uploads/2018/08/index.png">https://napp.co.uk/wp-content/uploads/2018/08/index.png</a>   | 9.23KB        | 9.23KB            |
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/images/logo-blue_70c45b54.svg">https://napp.co.uk/wp-content/themes/napp/dist/images/logo-blue_70c45b54.svg</a> | 8.10KB        | 8.10KB            |

Low

**Avoid non-composited animations** CLS

1 animated element found

Animations which are not composited can be janky and increase CLS.

## ELEMENT

## NAME

Opioid Charter For Mundipharma's Charter on the responsible medical use of opi...

```
<div class="opioid-banner" id="opioid-banner">
```

Unsupported CSS Property: max-height

max-height

Unsupported CSS Property: min-height

min-height

Unsupported CSS Property: padding-bottom

padding-bottom

Unsupported CSS Property: padding-top

padding-top

LOW

**Reduce unused JavaScript** LCP

Potential savings of 76.6KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

| URL   | TRANSFER SIZE | POTENTIAL SAVINGS |
|---|---------------|-------------------|
| <a href="https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c">https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c</a> | 87.6KB        | 41.6KB            |
| <a href="https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59">https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59</a>   | 79.9KB        | 34.9KB            |

N/A

**Avoid an excessive DOM size** TBT

237 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

| STATISTIC              | ELEMENT   | VALUE |
|------------------------|---|-------|
| Total DOM Elements     |   | 237   |
| Maximum DOM Depth      | Enable or Disable Cookies<br><pre>&lt;span class="gdpr-sr-only"&gt;</pre>   | 13    |
| Maximum Child Elements | body.home<br><pre>&lt;body class="home page-template-default page page-id-2 sidebar-primary app-data index-d..." data-aos-easing="ease" data-aos-duration="1000" data-aos-delay="0"&gt;</pre> | 20    |

N/A

**Largest Contentful Paint element** LCP

1,930 ms

This is the largest contentful element painted within the viewport.

## ELEMENT

NAPP offices

```

```

| PHASE        | % OF LCP | TIMING |
|--------------|----------|--------|
| TTFB         | 85%      | 1.6s   |
| Load Delay   | 5%       | 87ms   |
| Load Time    | 2%       | 40ms   |
| Render Delay | 9%       | 165ms  |

N/A **Reduce JavaScript execution time** TBT 18ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

| URL   | TOTAL CPU TIME | SCRIPT EVALUATION | SCRIPT PARSE |
|---|----------------|-------------------|--------------|
| • <a href="https://napp.co.uk/">https://napp.co.uk/</a> | 229ms          | 5ms               | 1ms          |
| • Unattributable  | 132ms          | 10ms              | 0ms          |

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 95B

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

| URL   | POTENTIAL SAVINGS |
|---|-------------------|
| <a href="https://napp.co.uk/wp-content/themes/napp/dist/scripts/main_3d5435f1.js">https://napp.co.uk/wp-content/themes/napp/dist/scripts/main_3d5435f1.js</a><br>Line:25 Column:2832  | 50B               |
| <a href="https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/scripts/main.js?ver=4.13.3">https://napp.co.uk/wp-content/plugins/gdpr-cookie-compliance/dist/scripts/main.js?ver=4.13.3</a><br>Line:0 Column:2492 | 45B               |

N/A **Avoid large layout shifts** CLS 2 elements found

These DOM elements contribute most to the CLS of the page.

| ELEMENT  | CLS CONTRIBUTION |
|--|------------------|
| It's not just our medicines that need to pass the quality test.<br><h1>  | 0.00             |
| About Products Careers Partnering Education Media Contact<br><nav class="nav-primary main-nav main-nav--hidden" id="main-nav"> | 0.00             |

N/A **Minimize main-thread work** TBT Main-thread busy for 543ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

| CATEGORY                     | TIME SPENT |
|------------------------------|------------|
| Other                        | 210ms      |
| Script Evaluation            | 173ms      |
| Style & Layout               | 96ms       |
| Parse HTML & CSS             | 20ms       |
| Rendering                    | 16ms       |
| Script Parsing & Compilation | 15ms       |
| Garbage Collection           | 9ms        |

N/A

**Reduce the impact of third-party code** TBT

Total size was 188KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

| THIRD-PARTY   | TRANSFER SIZE | MAIN-THREAD BLOCKING TIME |
|---|---------------|---------------------------|
| <b>GOOGLE TAG MANAGER</b>   | 167KB         | 0ms                       |
| • <a href="https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c">https://www.googletagmanager.com/gtag/js?id=G-7T4XMVK0CT&amp;l=dataLayer&amp;cx=c</a> | 87.6KB        | 0ms                       |
| • <a href="https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59">https://www.googletagmanager.com/gtm.js?id=GTM-N9FLV59</a>   | 79.9KB        | 0ms                       |
| <b>GOOGLE ANALYTICS</b>   | 20.8KB        | 0ms                       |
| • <a href="https://www.google-analytics.com/analytics.js">https://www.google-analytics.com/analytics.js</a>   | 20.8KB        | 0ms                       |

N/A

**Eliminate render-blocking resources** FCP LCP

Nothing to do here, good job!

N/A

**User Timing marks and measures**

No user timings and/or marks found.