



Performance Report for: <https://premier-research.com/>

Report generated: Wed, Mar 13, 2024 12:10 AM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

E	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	36%	82%	3.3s	1.2s	0.16

Top Issues

Med	Avoid enormous network payloads <small>LCP</small>	Total size was 3.82MB
Med-Low	Avoid an excessive DOM size <small>TBT</small>	1,439 elements
Med-Low	Avoid long main-thread tasks <small>TBT</small>	13 long tasks found
Med-Low	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 276ms
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 153KB

Page Details



Total Page Size - 3.82MB



Total Page Requests - 102



■ 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

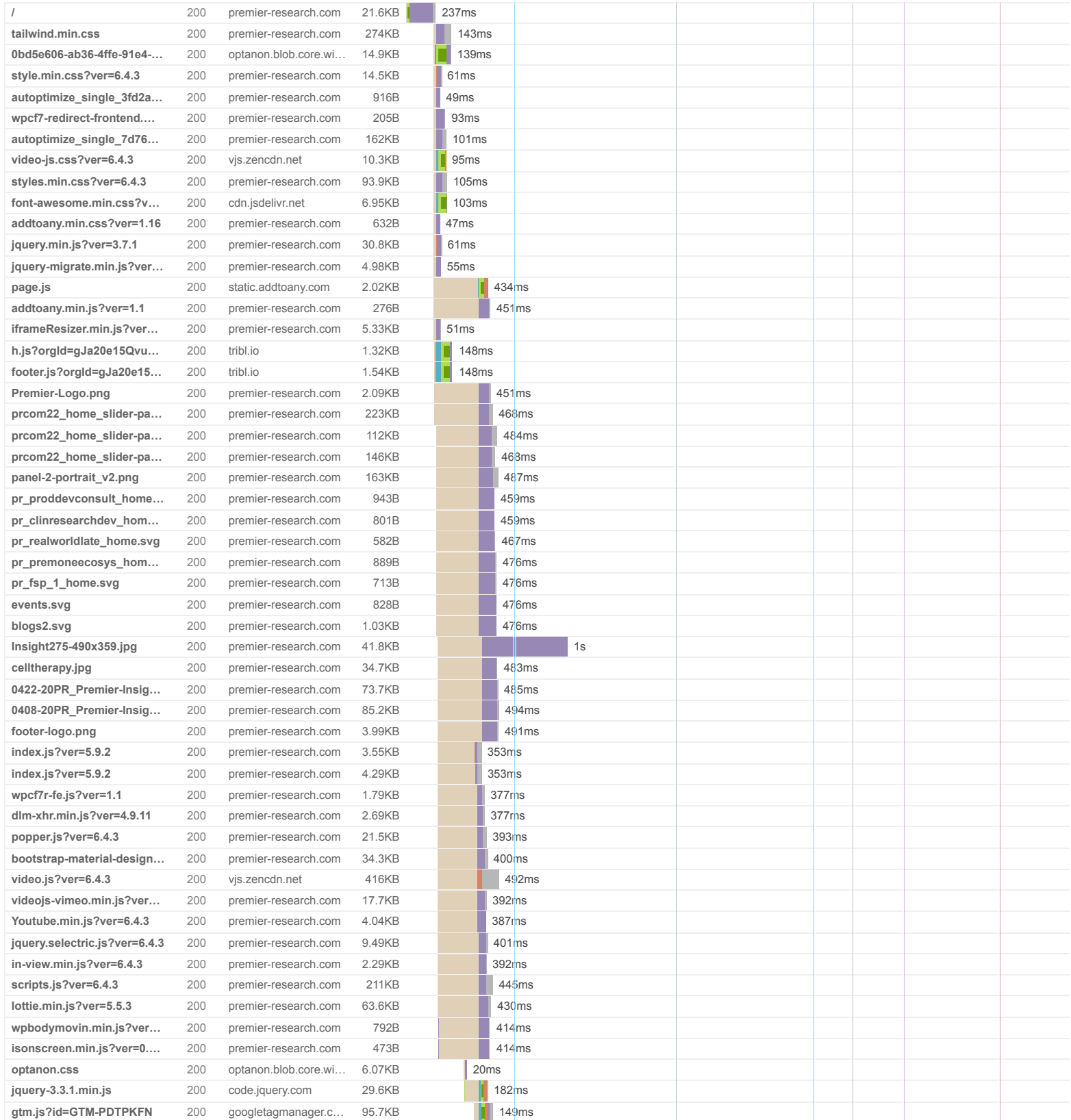


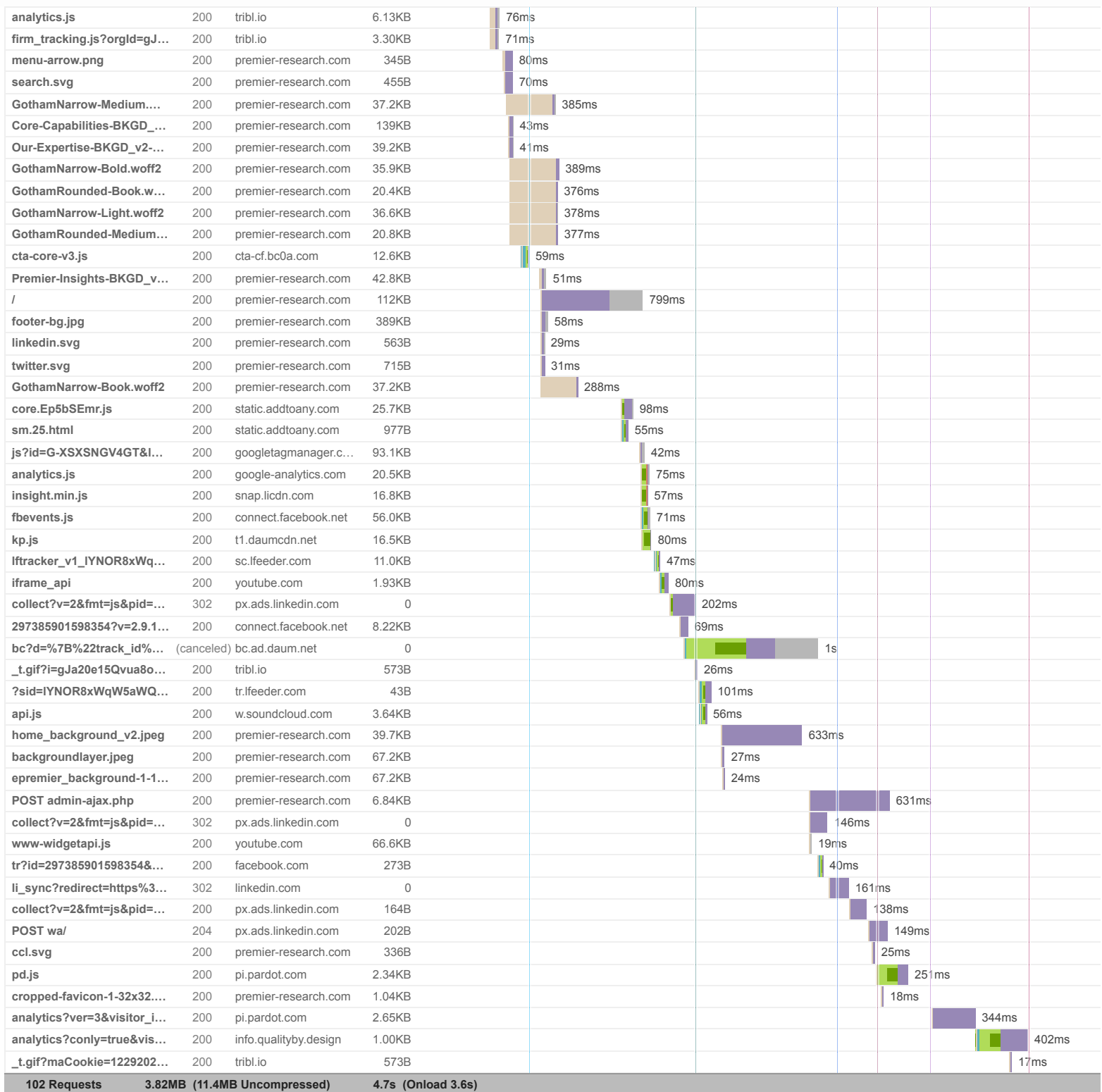
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

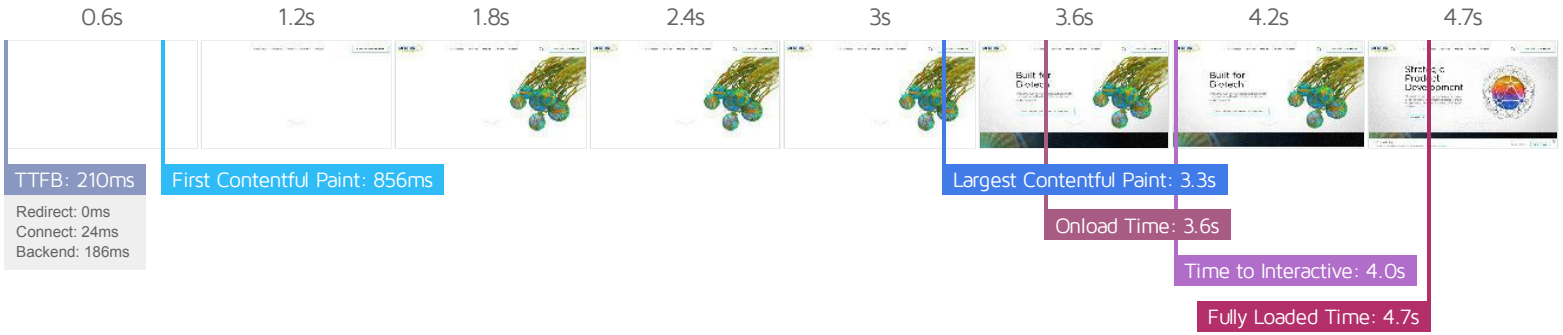
<https://carbon60.com/>

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.

Top Biotech Pharma Device Clinical Research Organization CRO







Performance Metrics

<p>First Contentful Paint</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>Good - Nothing to do here</p> <p>855ms</p>	<p>Time to Interactive</p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Longer than recommended</p> <p>4.0s</p>
<p>Speed Index</p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Much longer than recommended</p> <p>4.6s</p>	<p>Total Blocking Time</p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Much longer than recommended</p> <p>1.2s</p>
<p>Largest Contentful Paint</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>Much longer than recommended</p> <p>3.3s</p>	<p>Cumulative Layout Shift</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>More than recommended</p> <p>0.16</p>

Browser Timings

Redirect	0ms	Connect	24ms	Backend	186ms
TTFB	210ms	First Paint	856ms	DOM Int.	2.1s
DOM Loaded	2.2s	Onload	3.6s	Fully Loaded	4.7s

IMPACT AUDIT

Med-Low

Use a Content Delivery Network (CDN)

12 resources found

CDNs can give an equally fast web experience to your users across the globe.

URL

- <https://optanon.blob.core.windows.net/consent/0bd5e606-ab36-4ffe-91e4-3d9cf81d5b28-test.js>
- <https://tribl.io/h.js?orgId=gJa20e15Qvua8omMQJ4j>
- <https://tribl.io/footer.js?orgId=gJa20e15Qvua8omMQJ4j>
- https://optanon.blob.core.windows.net/skins/6.24.0/default_flat_bottom_two_button_white/v2/css/optanon.css
- <https://tribl.io/analytics.js>
- https://tribl.io/firm_tracking.js?orgId=gJa20e15Qvua8omMQJ4j
- https://tribl.io/_t.gif?i=gJa20e15Qvua8omMQJ4j&s=3pPK&u=https%3A%2F%2Fpremier-research.com%2F&h=premier-research.com&bw=1366&bh=768&t=0&rnd=5405714481162
- https://px.ads.linkedin.com/collect?v=2&fmt=js&pid=2069769&time=1710313854659&li_adslid=fb04a709-bb8c-4d1f-b491-64b667948f45&url=https%3A%2F%2Fpremier-research.com%2F&cookiesTest=true&liSync=true
- <https://pi.pardot.com/pd.js>
- https://pi.pardot.com/analytics?ver=3&visitor_id=&visitor_id_sign=&pi_opt_in=&campaign_id=1390&account_id=74292&title=Top%20Biotech%20Pharma%20Device%20Clinical%20Research%20Organization%20CRO&url=https%3A%2F%2Fpremier-research.com%2F&referrer=
- https://info.qualityby.design/analytics?only=true&visitor_id=1229202865&visitor_id_sign=6ec657f29cbdf2f8f686ac37629d8394b1c4bb281b92cfadfb54096d153bcc049e4e18badf6b76d06f299e573f8c8b34815777a8&pi_opt_in=&campaign_id=1390&account_id=74292&title=Top%20Biotech%20Pharma%20Device%20Clinical%20Research%20Organization%20CRO&url=https%3A%2F%2Fpremier-research.com%2F&referrer=
- https://tribl.io/_t.gif?maCookie=1229202865&i=gJa20e15Qvua8omMQJ4j&s=3pPK&u=https%3A%2F%2Fpremier-research.com%2F&h=premier-research.com&bw=1366&bh=768&t=12&rnd=6249724997330

Low

Avoid large layout shifts CLS

5 elements found

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

ELEMENT

CLS
CONTRIBUTION

Core Capabilities Offering a strategic combination of industry acumen, global ...

```
<div class="column-bg one-column-bg dark" style="background-image: url(&quot;https://premier-research.com/wp-content/uploads/202...&quot;);">
```

0.16

Cookie Policy This website uses cookies to ensure you get the best experience ...

```
<div class="optanon-alert-box-wrapper " role="alertdialog" aria-labelledby="alert-box-title" aria-describedby="alert-box-message" style="bottom: 0px;">
```

0.01

CAPABILITIES

```
<li itemscope="itemscope" itemtype="https://www.schema.org/SiteNavigationElement" id="menu-item-23930" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-has-chi...">
```

0.00

EXPERTISE

```
<li itemscope="itemscope" itemtype="https://www.schema.org/SiteNavigationElement" id="menu-item-23895" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-has-chi...">
```

0.00

Premier Research

```
<div class="col-6 col-md-auto logo-holder">
```

0.00

Low

Preconnect to required origins FCP LCP

Potential savings of 456ms

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins.

URL

POTENTIAL SAVINGS

- <https://bc.ad.daum.net>

456ms

Low

Use passive listeners to improve scrolling performance

1 event listener not passive

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance.

URL

LOCATION

- <https://premier-research.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1>

Line:1

Low

Reduce JavaScript execution time TBT

711ms 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

- <https://premier-research.com/>
- Unattributable
- <https://premier-research.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1>
- <https://code.jquery.com/jquery-3.3.1.min.js>
- <https://www.googletagmanager.com/gtm.js?id=GTM-PDTPKFN>
- <https://lvs.zencdn.net/7.5.4/video.js?ver=6.4.3>
- <https://premier-research.com/wp-content/themes/TheeTheme/styles/tailwind.min.css>
- https://www.googletagmanager.com/gtag/js?id=G-XSXSNGV4GT&l=data_layer&cx=c

1.4s

39ms

5ms

757ms

2ms

0ms

646ms

372ms

1ms

149ms

46ms

1ms

103ms

87ms

4ms

85ms

37ms

46ms

74ms

0ms

0ms

68ms

60ms

5ms

Low

Enable text compression FCP LCP

Potential savings of 48.0KB

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<ul style="list-style-type: none"> https://optanon.blob.core.windows.net/consent/0bd5e606-ab36-4ffe-91e4-3d9cf81d5b28-test.js 	62.2KB	48.0KB

Low

Properly size images

Potential savings of 517KB

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://premier-research.com/wp-content/uploads/2022/11/prcom22_home_slider-panel_1_v6.png	223KB	97.1KB
https://premier-research.com/wp-content/uploads/2022/11/prcom22_home_slider-panel_3_v3.png	145KB	81.2KB
https://premier-research.com/wp-content/uploads/2022/11/panel-2-portrait_v2.png	163KB	75.8KB
https://premier-research.com/wp-content/uploads/2020/03/0408-20PR_Premier-Insights_FINAL-edits_Page_1-490x379.png	85.0KB	72.9KB
https://premier-research.com/wp-content/uploads/2022/11/prcom22_home_slider-panel_2_v5.png	111KB	65.7KB
https://premier-research.com/wp-content/uploads/2016/04/0422-20PR_Premier-Insights_273_CNS-Binge-Eating_v4_Page_1-490x379.png	73.4KB	63.1KB
https://premier-research.com/wp-content/uploads/2021/10/Insight275-490x359.jpg	41.7KB	35.4KB
https://premier-research.com/wp-content/uploads/2021/03/celltherapy.jpg	34.5KB	26.0KB

Low

Efficiently encode images

Potential savings of 287KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://premier-research.com/wp-content/themes/TheeTheme/images/footer-bg.jpg	389KB	287KB

Low

Reduce unused CSS FCP LCP

Potential savings of 559KB

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
https://premier-research.com/wp-content/themes/TheeTheme/styles/tailwind.min.css	274KB	273KB
https://premier-research.com/wp-content/cache/autoptimize/css/autoptimize_single_7d76046081dec6b37d1c1b05854856aa.css?ver=6.4.3	162KB	162KB
https://premier-research.com/wp-content/themes/TheeTheme/dist/styles/styles.min.css?ver=6.4.3	93.9KB	88.8KB
https://premier-research.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.5KB	14.4KB
https://vjs.zencdn.net/7.5.4/video-js.css?ver=6.4.3	10.5KB	10.5KB
/** Pull in new font for South Korean page content - webfonts created with font squirrel and uploa...	10.1KB	10.0KB

Low

Serve images in next-gen formats

Potential savings of 601KB

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
https://premier-research.com/wp-content/themes/TheeTheme/images/footer-bg.jpg	389KB	347KB
https://premier-research.com/wp-content/uploads/2022/11/Core-Capabilities-BKGD_v2.jpeg	139KB	75.0KB
https://premier-research.com/wp-content/uploads/2022/11/backgroundlayer.jpeg	67.0KB	35.5KB
https://premier-research.com/wp-content/uploads/2022/11/epremier_background-1-1.jpg	67.0KB	35.5KB
https://premier-research.com/wp-content/uploads/2022/11/home_background_v2.jpeg	39.5KB	24.7KB
https://premier-research.com/wp-content/uploads/2022/11/Premier-Insights-BKGD_v3.jpeg	42.6KB	23.6KB
https://premier-research.com/wp-content/uploads/2022/11/Our-Expertise-BKGD_v2-1.jpeg	39.0KB	22.4KB
https://premier-research.com/wp-content/uploads/2021/10/Insight275-490x359.jpg	41.7KB	19.7KB
https://premier-research.com/wp-content/uploads/2021/03/celltherapy.jpg	34.5KB	17.5KB

Low

Reduce initial server response time FCP LCP

Root document took 185ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
• https://premier-research.com/	185ms

Low

Defer offscreen images

Potential savings of 683KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://premier-research.com/wp-content/themes/TheeTheme/images/footer-bg.jpg	389KB	389KB
https://premier-research.com/wp-content/uploads/2020/03/0408-20PR_Premier-Insights_FINAL-edits_Page_1-490x379.png	85.0KB	85.0KB
https://premier-research.com/wp-content/uploads/2016/04/0422-20PR_Premier-Insights_273_CNS-Binge-Eating_v4_Page_1-490x379.png	73.4KB	73.4KB
https://premier-research.com/wp-content/uploads/2021/10/Insight275-490x359.jpg	41.7KB	41.7KB
https://premier-research.com/wp-content/uploads/2021/03/celltherapy.jpg	34.5KB	34.5KB
https://premier-research.com/wp-content/uploads/2022/11/Premier-Insights-BKGD_v3.jpeg	42.6KB	33.7KB
https://premier-research.com/	21.6KB	21.6KB
https://premier-research.com/wp-content/uploads/2022/11/footer-logo.png	3.75KB	3.75KB

Low

Avoid non-composited animations CLS

32 animated elements found

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

ELEMENT	NAME
div.slick-slide > div > div#slick-slide03 > div.down <div class="down arrow ">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide01 > div.down <div class="down arrow ">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide02 > div.down <div class="down arrow ">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide00 > div.down <div class="down arrow ">	
Unsupported CSS Property: visibility	visibilit y
We help the most innovative companies transform life-changing ideas and breakth... <div class="hero-content animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide00 > ::before <::before>	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide00 > div.foreground-img <div class="foreground-img">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide02 > div.foreground-img <div class="foreground-img">	
Unsupported CSS Property: visibility	visibilit y
Built for BiotechSM <h1 class="animate visible">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide03 > ::before <::before>	
Unsupported CSS Property: visibility	visibilit y
Global Regulatory Consulting <h1 class="animate visible">	
Unsupported CSS Property: visibility	visibilit y
Offering decades of strategic development experience, global compliance, and th... <div class="hero-content animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
SEE IT IN ACTION 	
Unsupported CSS Property: visibility	visibilit y
LATEST INSIGHTS IN CLINICAL DEVELOPMENT 	

ELEMENT	NAME
Unsupported CSS Property: visibility	visibilit y
ePremier <h1 class="animate visible">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide03 > div.foreground-img <div class="foreground-img">	
Unsupported CSS Property: visibility	visibilit y
LEARN MORE 	
Unsupported CSS Property: visibility	visibilit y
div.container > div.row > div.col-12 > p.sub-head <p class="sub-head animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
div.container > div.row > div.col-12 > p.sub-head <p class="sub-head animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
div.container > div.row > div.col-12 > p.sub-head <p class="sub-head animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
div.container > div.row > div.col-12 > p.sub-head <p class="sub-head animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide01 > ::before <::before>	
Unsupported CSS Property: visibility	visibilit y
Combining highly trained specialists and carefully refined processes with our w... <div class="hero-content animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
Industry leaders with comprehensive submission experience to strategically posi... <div class="hero-content animate animate-left visible">	
Unsupported CSS Property: visibility	visibilit y
GET STARTED 	
Unsupported CSS Property: visibility	visibilit y
div.slick-slide > div > div#slick-slide02 > ::before <::before>	
Unsupported CSS Property: visibility	visibilit y
Strategic Product Development <h1 class="animate visible">	
Unsupported CSS Property: visibility	visibilit y

ELEMENT

NAME

div.slick-slide > div > div#slick-slide01 > div.foreground-img

`<div class="foreground-img">`

Unsupported CSS Property: visibility

visibilit
y

div.row > div.col-auto > a.btn > ::before

`<::before>`

Unsupported CSS Property: visibility

visibilit
y

div.row > div.col-auto > a.btn > ::before

`<::before>`

Unsupported CSS Property: visibility

visibilit
y

div.row > div.col-auto > a.btn > ::before

`<::before>`

Unsupported CSS Property: visibility

visibilit
y

div.row > div.col-auto > a.btn > ::before

`<::before>`

Unsupported CSS Property: visibility

visibilit
y

Low

Minify JavaScript FCP LCP

Potential savings of 455KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://vjs.zencdn.net/7.5.4/video.js?ver=6.4.3	416KB	243KB
https://premier-research.com/wp-content/themes/TheeTheme/dist/scripts/scripts.js?ver=6.4.3	211KB	166KB
https://premier-research.com/wp-content/themes/TheeTheme/scripts/bootstrap-material-design.js?ver=6.4.3	34.3KB	14.5KB
https://premier-research.com/wp-content/themes/TheeTheme/scripts/popper.js?ver=6.4.3	21.5KB	12.6KB
https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/videojs-vimeo.min.js?ver=6.4.3	17.7KB	12.6KB
https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/jquery.selectric.js?ver=6.4.3	9.49KB	4.08KB
https://tribl.io/analytics.js	6.13KB	2.76KB

Low

Avoid chaining critical requests FCP LCP

35 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: 1.2s

INITIAL NAVIGATION

https://premier-research.com/ 21.6KB, 235ms
https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/iframeResizer.min.js?ver=6.4.3 5.33KB, 46ms
https://premier-research.com/wp-content/themes/TheeTheme/dist/scripts/scripts.js?ver=6.4.3 211KB, 137ms
https://premier-research.com/wp-content/cache/autoptimize/css/autoptimize_single_3fd2afa98866679439097f4ab102fe0a.css?ver=5.9.2 916B, 45ms
https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/in-view.min.js?ver=6.4.3 2.29KB, 85ms
https://premier-research.com/wp-content/themes/TheeTheme/scripts/popper.js?ver=6.4.3 21.5KB, 86ms
https://premier-research.com/wp-content/plugins/add-to-any/addtoany.min.css?ver=1.16 632B, 41ms
https://tribl.io/h.js?orgId=gJa20e15Qvua8omMQJ4j 1.32KB, 143ms
https://premier-research.com/wp-content/plugins/wp-bodymovin/assets/js/lottie.min.js?ver=5.5.3 63.6KB, 123ms

- <https://premier-research.com/wp-content/plugins/wpcf7-redirect/build/css/wpcf7-redirect-frontend.min.css?ver=1.1> 205B, 89ms
- <https://vjs.zencdn.net/7.5.4/video.js?ver=6.4.3> 416KB, 186ms
- <https://premier-research.com/wp-content/plugins/download-monitor/assets/js/dlm-xhr.min.js?ver=4.9.11> 2.69KB, 71ms
- <https://premier-research.com/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3> 14.5KB, 57ms
- <https://premier-research.com/wp-content/plugins/wp-bodymovin/assets/js/isonscreen.min.js?ver=0.0.1> 473B, 116ms
- <https://premier-research.com/wp-includes/js/jquery/jquery.min.js?ver=3.7.1> 30.8KB, 56ms
- <https://premier-research.com/wp-content/plugins/contact-form-7/includes/swv/js/index.js?ver=5.9.2> 3.55KB, 52ms
- <https://premier-research.com/wp-content/themes/TheeTheme/scripts/bootstrap-material-design.js?ver=6.4.3> 34.3KB, 94ms
- <https://premier-research.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1> 4.98KB, 49ms
- <https://premier-research.com/wp-content/themes/TheeTheme/styles/tailwind.min.css> 274KB, 138ms
- <https://vjs.zencdn.net/7.5.4/video-js.css?ver=6.4.3> 10.5KB, 90ms
- <https://premier-research.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.9.2> 4.29KB, 53ms
- <https://premier-research.com/wp-content/plugins/wp-bodymovin/assets/js/wpbodymovin.min.js?ver=2.1.0> 792B, 116ms
- <https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/YouTube.min.js?ver=6.4.3> 4.04KB, 80ms
- <https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/videojs-vimeo.min.js?ver=6.4.3> 17.7KB, 85ms
- https://premier-research.com/wp-content/cache/autoptimize/css/autoptimize_single_7d76046081dec6b37d1c1b05854856aa.css?ver=6.4.3 162KB, 97ms
- <https://premier-research.com/wp-content/plugins/wpcf7-redirect/build/js/wpcf7r-fe.js?ver=1.1> 1.79KB, 71ms
- <https://tribl.io/footer.js?orgId=gJa20e15Qvua8omMQJ4j> 1.54KB, 143ms
- <https://cdn.jsdelivr.net/fontawesome/4.7.0/css/font-awesome.min.css?ver=6.4.3> 7.36KB, 98ms
- <https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/jquery.selectric.js?ver=6.4.3> 9.49KB, 93ms
- <https://optanon.blob.core.windows.net/consent/0bd5e606-ab36-4ffe-91e4-3d9cf81d5b28-test.js> 14.9KB, 135ms
- https://optanon.blob.core.windows.net/skins/6.24.0/default_flat_bottom_two_button_white/v2/css/optanon.css 6.07KB, 19ms
- <https://premier-research.com/wp-content/themes/TheeTheme/dist/styles/styles.min.css?ver=6.4.3> 93.9KB, 99ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamNarrow-Bold.woff2> 35.9KB, 32ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamNarrow-Light.woff2> 36.6KB, 22ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamNarrow-Book.woff2> 37.2KB, 15ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamNarrow-Medium.woff2> 37.2KB, 24ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamRounded-Medium.woff2> 20.8KB, 22ms
- <https://premier-research.com/wp-content/themes/TheeTheme/fonts/GothamRounded-Book.woff2> 20.4KB, 20ms

Low

Reduce unused JavaScript LCP

Potential savings of 548KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://vjs.zencdn.net/7.5.4/video.js?ver=6.4.3	416KB	284KB
https://www.youtube.com/s/player/704f0391/www-widgetapi.vflset/www-widgetapi.js	66.9KB	52.3KB
https://premier-research.com/wp-content/themes/TheeTheme/dist/scripts/scripts.js?ver=6.4.3	211KB	47.8KB
../node_modules/es5-shim/es5-shim.js	18.4KB	10.7KB
ajax.js	8.85KB	8.27KB
slick.js	18.9KB	7.81KB
../node_modules/jquery-colorbox/jquery.colorbox.js	6.21KB	4.84KB
ui.js	3.92KB	2.81KB
https://www.googletagmanager.com/gtm.js?id=GTM-PDTPKFN	96.1KB	41.7KB
https://www.googletagmanager.com/gtag/js?id=G-XSXSNGV4GT&l=dataLayer&cx=c	93.2KB	40.2KB
https://premier-research.com/wp-content/plugins/wp-bodymovin/assets/js/lottie_min.js?ver=5.5.3	63.6KB	39.4KB
https://connect.facebook.net/en_US/fbevents.js	58.1KB	21.5KB
https://static.addtoany.com/menu/modules/core.Ep5bSEmr.js	25.7KB	21.1KB

N/A

Largest Contentful Paint element LCP

3,250 ms

This is the largest contentful element painted within the viewport.

ELEMENT

Built for BiotechSM We help the most innovative companies transform life-chang...

```
<div id="slick-slide00" class="header-hero header-marque header-gap light text-dark sample-page active" data-bg-desktop="https://premier-research.com/wp-content/uploads/2022/11/home_background_v2..." data-bg-mobile="https://premier-research.com/wp-content/uploads/2022/06/biotech-1.webp" style="width: 100%; display: inline-block; background-image: url (&quot;https://premier...&quot;);">
```

PHASE	% OF LCP	TIMING
TTFB	6%	210ms
Load Delay	66%	2.1s
Load Time	19%	631ms
Render Delay	8%	261ms

N/A

Avoid serving legacy JavaScript to modern browsers TBT

Potential savings of 23.6KB

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
https://connect.facebook.net/en_US/fbevents.js	10.8KB
Line:23 Column:2302	@babel/plugin-transform-class
Line:24 Column:20141	Array.prototype.filter
Line:24 Column:26258	Array.from
Line:24 Column:28008	Array.prototype.map
Line:24 Column:28800	Array.prototype.find
https://optanon.blob.core.windows.net/consent/0bd5e606-ab36-4ffe-91e4-3d9cf81d5b28-test.js	6.85KB
Line:93 Column:231	Array.prototype.fill
https://premier-research.com/wp-content/themes/TheeTheme/dist/scripts/scripts.js?ver=6.4.3	5.62KB
Line:1946 Column:8	Date.prototype.toString
Line:2051 Column:8	Date.prototype.toJSON
Line:2260 Column:8	Date.now
https://t1.daumcdn.net/kas/static/kp.js	101B
Line:1 Column:1868	@babel/plugin-transform-class
https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/in-view.min.js?ver=6.4.3	74B
Line:5 Column:1992	@babel/

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<https://snap.licdn.com/li.lms-analytics/insight.min.js>

59B

Line:0 Column:680

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<https://vjs.zencdn.net/7.5.4/video.js?ver=6.4.3>

49B

Line:39179 Column:27

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<https://premier-research.com/wp-content/themes/TheeTheme/scripts/popper.js?ver=6.4.3>

45B

Line:348 Column:25

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https://connect.facebook.net/signals/config/297385901598354?v=2.9.148&r=stable&domain=premier-research.com&hme=20c913bcd4be51a752120153aa5caaecb3ee86c7f26cf737846e40b202aba68&ex_m=62%2C106%2C94%2C98%2C53%2C3%2C88%2C61%2C14%2C86%2C79%2C44%2C46%2C150%2C153%2C164%2C160%2C161%2C163%2C25%2C89%2C45%2C68%2C162%2C145%2C148%2C157%2C158%2C165%2C115%2C13%2C43%2C169%2C168%2C117%2C16%2C29%2C32%2C1%2C36%2C57%2C58%2C59%2C63%2C83%2C15%2C12%2C85%2C82%2C81%2C95%2C97%2C31%2C96%2C26%2C22%2C146%2C149%2C124%2C24%2C9%2C10%2C11%2C5%2C6%2C21%2C19%2C20%2C49%2C54%2C56%2C66%2C90%2C23%2C67%2C8%2C7%2C71%2C41%2C18%2C92%2C91%2C17%2C4%2C73%2C80%2C72%2C78%2C40%2C39%2C77%2C33%2C35%2C76%2C48%2C74%2C28%2C37%2C65%2C0%2C84%2C75%2C2%2C30%2C55%2C34%2C93%2C38%2C70%2C60%2C99%2C52%2C51%2C27%2C87%2C50%2C47%2C42%2C69%2C64%2C100

42B

Line:22 Column:509

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<https://premier-research.com/wp-content/themes/TheeTheme/scripts/vendor/videojs-vimeo.min.js?ver=6.4.3>

30B

Line:1116 Column:129

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N/A **Minimize main-thread work** TBT Main-thread busy for 3.7s

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

CATEGORY	TIME SPENT
Other	1.7s
Script Evaluation	963ms
Style & Layout	711ms
Script Parsing & Compilation	131ms
Parse HTML & CSS	129ms
Rendering	70ms
Garbage Collection	47ms

N/A **User Timing marks and measures** 4 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences.

NAME	TYPE	START TIME	DURATION
fbevents:start:unwantedDataProcessing_297385901598354	Mark	3.1s	0ms
fbevents:end:unwantedDataProcessing_297385901598354	Mark	3.1s	0ms
fbevents:start:validateUrlProcessing_297385901598354	Mark	3.1s	0ms
fbevents:end:validateUrlProcessing_297385901598354	Mark	3.1s	0ms

N/A **Reduce the impact of third-party code** TBT Third-party code blocked the main thread for 34ms

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
GOOGLE TAG MANAGER	189KB	34ms
• https://www.googletagmanager.com/gtm.js?id=GTM-PDTPKFN	96.1KB	27ms
• https://www.googletagmanager.com/gtag/js?id=G-XSXSNGV4GT&l=dataLayer&cx=c	93.2KB	6ms
BRIGHTCOVE	426KB	0ms
• https://vjs.zencdn.net/7.5.4/video.js?ver=6.4.3	416KB	0ms
YOUTUBE	68.9KB	0ms
• https://www.youtube.com/s/player/704f0391/www-widgetapi.vflset/www-widgetapi.js	66.9KB	0ms
FACEBOOK	66.5KB	0ms
• https://connect.facebook.net/en_US/fbevents.js	58.1KB	0ms
• https://connect.facebook.net/signals/config/297385901598354?v=2.9.148&r=stable&domain=priemier-research.com&hme=20c913bcd4be51a752120153aa5caaecb3ee86c7f26cf737846e40b202aba68&e_x_m=62%2C106%2C94%2C98%2C53%2C3%2C88%2C61%2C14%2C86%2C79%2C44%2C46%2C150%2C153%2C164%2C160%2C161%2C163%2C25%2C89%2C45%2C68%2C162%2C145%2C148%2C157%2C158%2C165%2C115%2C13%2C43%2C169%2C168%2C117%2C16%2C29%2C32%2C1%2C36%2C57%2C58%2C59%2C63%2C83%2C15%2C12%2C85%2C82%2C81%2C95%2C97%2C31%2C96%2C26%2C22%2C146%2C149%2C124%2C24%2C9%2C10%2C11%2C5%2C6%2C21%2C19%2C20%2C49%2C54%2C56%2C66%2C90%2C23%2C67%2C8%2C7%2C71%2C41%2C18%2C92%2C91%2C17%2C4%2C73%2C80%2C72%2C78%2C40%2C39%2C77%2C33%2C35%2C76%2C48%2C74%2C28%2C37%2C65%2C0%2C84%2C75%2C2%2C30%2C55%2C34%2C93%2C38%2C70%2C60%2C99%2C52%2C51%2C27%2C87%2C50%2C47%2C42%2C69%2C64%2C100	8.22KB	0ms
JQUERY CDN	29.9KB	0ms
• https://code.jquery.com/jquery-3.3.1.min.js	29.9KB	0ms
ADDDTOANY	28.7KB	0ms
• https://static.addtoany.com/menu/modules/core.Ep5bSEmr.js	25.7KB	0ms
AZURE WEB SERVICES	21.0KB	0ms
• https://optanon.blob.core.windows.net/consent/0bd5e606-ab36-4ffe-91e4-3d9cf81d5b28-test.js	14.9KB	0ms
• https://optanon.blob.core.windows.net/skins/6.24.0/default_flat_bottom_two_button_white/v2/css/optanon.css	6.07KB	0ms
GOOGLE ANALYTICS	20.8KB	0ms
• https://www.google-analytics.com/analytics.js	20.8KB	0ms
LINKEDIN ADS	19.9KB	0ms
• https://snap.llicdn.com/li.lms-analytics/insight.min.js	17.0KB	0ms
KAKAO	17.2KB	0ms
• https://t1.daumcdn.net/kas/static/kp.js	16.9KB	0ms
TRIBLIO	13.4KB	0ms
• https://triblio.io/analytics.js	6.13KB	0ms
• Other resources	7.27KB	0ms
BC0A.COM	12.6KB	0ms
• https://cta-cf.bc0a.com/js/cta-core-v3.js	12.6KB	0ms
LFEEDER.COM	11.3KB	0ms
• https://sc.lfeeder.com/lfracker_v1_IYNOR8xWqW5aWQJZ.js	11.0KB	0ms
JSDELIVR CDN	7.36KB	0ms
• https://cdn.jsdelivr.net/fontawesome/4.7.0/css/font-awesome.min.css?ver=6.4.3	7.36KB	0ms
PARDOT	4.99KB	0ms
SOUNDCLOUD	3.64KB	0ms
QUALITYBY.DESIGN	1.00KB	0ms