### **Executive Summary**



## Performance Report for:

http://www.cali.gov.co/bienes

Report generated: Sun, Jan 22, 2017, 9:32 AM -0800

Test Server Region: Vancouver, Canada

Using: Firefox (Desktop) 49.0.2, PageSpeed 1.15-gt1,

YSlow 3.1.8

PageSpeed Score

F(47%) ~

YSlow Score

F(48%) ~

Page Load Time

8.8s **v** 

Total Page Size

2.18MB **~** 

Requests

148

#### Top 5 Priority Issues

Enable gzip compression	F (0)	<b>∨</b> AVG SCORE: 82%	SERVER	HIGH
Combine images using CSS sprites	F (0)	➤ AVG SCORE: 86%	IMA GES	HIGH
Leverage browser caching	F (0)	➤ AVG SCORE: 61%	SERVER	HIGH
Defer parsing of JavaScript	F (22)	➤ AVG SCORE: 71%	JS	HIGH
Specify a cache validator	F (43)	➤ AVG SCORE: 94%	SERVER	HIGH

#### How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

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

#### About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google PageSpeed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

### About the Developer



GTmetrix is developed by the good folks at **GT.net**, a Vancouver-based performance hosting company with over 21 years experience in web technology.

https://gt.net/

### What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

#### What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- Executive: Overall score information and Priority Issues
- **History:** Graphed history of past performance
- Waterfall: Graph of your site's loading timeline
- Technical: In-depth PageSpeed & YSlow information

These will provide you with a snapshot of your performance.



#### Waterfall Chart

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.







<b>⊞ GET translate_24d</b> 200 OK gstatic.com 1.8 KB	8ms	
<b>⊞ GET common.js</b> 200 OK maps.goog 40 KB	51ms	
<b>⊞ GET util.js</b> 200 OK maps.goog 46.6 KB	63ms	
<b>⊞ GET infowindow.js</b> 200 OK maps.goog 1.2 KB	64ms	
<b>⊞ GET csi?v=2&amp;s=m</b> : 204 No csi.gstatic. 0	94ms	
<b>⊞ GET googlelogo_ca</b> 200 OK gstatic.com 1.6 KB	10ms	
<b>■ GET cleardot.gif</b> 200 OK google.com 43 B	53ms	
<b>⊞ GET loading.gif</b> 200 OK translate.g 702 B	46ms	
<b>⊞ GET map.js</b> 200 OK maps.goog 10.1 KB	45ms	
<b>★ GET CWB0XYA8bzo</b> 200 OK fonts.gstat 14.2 KB	8ms	
<b>★ GET d-61Ypl0FocCa</b> 200 OK fonts.gstat 14.2 KB	9ms	
<b>★ GET gen204?sl=es</b> 204 No translate.g 0	46ms	
<b>■ GET translateelem</b> 200 OK translate.g 18.3 KB	0ms	
<b>■ GET csi?v=2&amp;s=m</b> : 204 No csi.gstatic. 0	93ms	
<b>⊞ GET rs=ABjfnFXk7</b> 200 OK gstatic.com 206 B	10ms	
<b>■ POST gen204?cid=</b> 200 OK google.com 63 B	94ms	
<b>⊞ GET csi?v=2&amp;s=m</b> : 204 No csi.gstatic. 0	117ms	
<b>፱ GET common.js</b> 200 OK maps.goog 40.3 KB	50ms	
<b>■ GET map.js</b> 200 OK maps.goog 9.9 KB	53ms	
<b>■ GET overlay.js</b> 200 OK maps.goog 734 B	53ms	
<b>■ GET 1899-blank-sh</b> 200 OK mt.googlea 980 B	9ms	
■ GET selection_2x-( 200 OK gstatic.com 2.8 KB	12ms	
<b>■ GET util.js</b> 200 OK maps.goog 46.5 KB	64ms	
<b>⊞ GET marker.js</b> 200 OK maps.goog 10.1 KB	68ms	
■ GET geocoder.js 200 OK maps.goog 1.2 KB	64ms	
■ GET controls.js 200 OK maps.goog 27.5 KB	75ms	
■ GET places_impl.js 200 OK maps.goog 6.5 KB	66ms	
E GET onion.js 200 OK maps.goog 12 KB	44ms	
■ GET openhand_8_{ 200 OK maps.gstat 326 B	16ms	
<b>⊞ GET Visus at Trics</b> 204 No csi.gstatic. 0	93ms	
<b>⊞ GET ViewportInfoS</b> 200 OK maps.goog 3.9 KB	119ms	
<b>⊞ GET stats.js</b> 200 OK maps.goog 1.5 KB <b>⊞ GET controls.js</b> 200 OK maps.goog 26.2 KB	43ms 46ms	
★ GET controls.js 200 OK maps.goog 26.2 KB     ★ GET translateelem 200 OK translate.g 18.3 KB	Oms	
■ GET translateelem 200 OK translate.q 18.3 KB	0ms	
■ GET te_bk.gif 200 OK translate.g 848 B	46ms	
■ GET te_ctrl3.gif 200 OK translate.g 2.8 KB	46ms	
± GET onion.js 200 OK maps.goog 12 KB	45ms	
± GET ViewportInfoS 200 OK maps.goog 1.9 KB	99ms	
<b>★ GET stats.js</b> 200 OK maps.goog 1.5 KB	44ms	
<b>■ GET transparent.p</b> i 200 OK maps.gstat 68 B	17ms	
<b>■ GET viewer-icons0</b> 200 OK gstatic.com 2.7 KB	18ms	
<b>⊞ GET MyMaps_Icon</b> : 200 OK gstatic.com 8.5 KB	19ms	
<b>⊞ GET star4.png</b> 200 OK ssl.gstatic. 294 B	19ms	
■ GET RxZJdnzeo3R! 200 OK fonts.gstat 14.3 KB	19ms	
<b>★ GET 1899-blank-sh</b> 200 OK mt.googlea 524 B	19ms	
<b>⊞ GET mymaps_32.p</b> 200 OK gstatic.com 1.3 KB	19ms	
<b>★ GET v1_4593b7d7.</b> 200 OK gstatic.com 53.6 KB	76ms	
<b>■ GET arrow_back_b</b> 200 OK gstatic.com 113 B	76ms	
<b>■ GET no_results-00</b> 200 OK gstatic.com 1.6 KB	76ms	
<b>⊞ GET google-my-ma</b> 200 OK gstatic.com 2.9 KB	81ms	
<b>⊞ GET openhand_8_</b> 200 OK maps.gstat 0	0ms	
<b>⊞ GET gen_204?targ</b> 204 No maps.goog 0	90ms	
<b>⊞ GET css?family=Rc</b> 200 OK fonts.goog 8.9 KB	0ms	
<b>⊞ GET google4.png</b> 200 OK maps.gstat 2 KB	17ms	
<b>⊞ GET mapcnt6.png</b> 200 OK maps.gstat 2.2 KB	19ms	
<b>፱ GET sv9.png</b> 200 OK maps.gstat 9.2 KB	22ms	
<b>⊞ GET marker.js</b> 200 OK maps.goog 10.1 KB	43ms	
<b>⊞ GET csi?v=2&amp;s=m</b> ; 204 No csi.gstatic.: 0	93ms	
- CI COIT - LOS - III ZO THO CONSCION	91ms	



## Waterfall Chart

148 Requests	2.2 MB	8.52s (on	
E GET Authentication 200 OK ma			87 ms
# GET Authentication 200 OK ma	5		20 .ms
# GET csi?v=2&s=m; 204 No csi	3	The state of the s	103 ns
E GET csi?v=2&s=m; 204 No csi		_	93m:
GET tmapctrl4.png 200 OK ma	1 3 3	000	-
E GET vt?pb=!1m4!1 200 OK ma		68r	ne
<b>± GET RxZJdnzeo3R!</b> 200 OK for <b>± GET mapcnt6.png</b> 200 OK ma	-	oms 0 ms	
GET transparent.pi 200 OK ma	1 3	0ms	
<b>E GET vt?pb=!1m4!1</b> : 200 OK ma		137n	16
E GET vt?pb=!1m5!1 200 OK ma		98ms	
E GET vt?pb=!1m5!1 200 OK ma		99ms	
E GET vt?pb=!1m5!1 200 OK ma	1 3 3	83ms	
<b>■ GET vt?pb=!1m5!1</b> 200 OK ma		86ms	
EGET gen_204?targ 204 No ma		86ms	
<b>EXECUTE: GET kh?v=713&amp;hl=</b> 200 OK kh		48ms	
E GET CWB0XYA8bzo 200 OK for		0ms	
E GET imgs8.png 200 OK ma		20ms	
<b>■ GET tmapctrl4.png</b> 200 OK ma		17ms	
E GET cb_scout5.png 200 OK ma	aps.gstat 48.2 KB	26ms	
E GET tmapctrl.png 200 OK ma		23ms	
<b>± GET StaticMapServ</b> 200 OK ma		194ms	
<b>E GET vt?pb=!1m5!1</b> 200 OK ma	aps.goog 8 KB	131ms	
<b>E GET vt?pb=!1m5!1</b> 200 OK ma	aps.goog 7.1 KB	120ms	
<b>± GET vt?pb=!1m5!1</b> □ 200 OK ma	aps.goog 7.9 KB	144ms	
<b>± GET vt?pb=!1m5!1</b> □ 200 OK ma	aps.goog 10.4 KB	128ms	
<b>± GET vt?pb=!1m5!1</b> □ 200 OK ma	aps.goog 8.6 KB	128ms	
<b>■ GET vt?pb=!1m5!1</b> 200 OK ma	aps.goog 10.1 KB	139ms	
<b>■ GET vt?pb=!1m5!1</b> 200 OK ma	aps.goog 7.8 KB	96ms	
# GET vt?pb=!1m5!1 200 OK ma	aps.goog 5.5 KB	88ms	
# GET vt?pb=!1m5!1 200 OK ma	aps.goog 6.1 KB	102ms	
# GET vt?pb=!1m5!1 200 OK ma	aps.goog 5.5 KB	99ms	
• GET vt?pb=!1m5!1 200 OK ma		88ms	
<b>± GET vt?pb=!1m5!1</b> 200 OK ma		84ms	
<b>± GET vt?pb=!1m5!1</b> 200 OK ma		79ms	
GET vt?pb=!1m5!1 200 OK ma	aps.goog 5.9 KB	87ms	



# PageSpeed Recommendations

## PageSpeed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Enable gzip compression	F (0)	<b>✓</b> AVG SCORE: 82%	SERVER	HIGH
Combine images using CSS sprites	F (0)	₩ AVG SCORE: 86%	IMA GES	HIGH
Leverage browser caching	F (0)	<b>✓</b> AVG SCORE: 61%	SERVER	HIGH
Defer parsing of JavaScript	F (22)	<b>✓</b> AVG SCORE: 71%	JS	HIGH
Specify a cache validator	F (43)	<b>✓</b> AVG SCORE: 94%	SERVER	HIGH
Minify JavaScript	D (61)	<b>✓</b> AVG SCORE: 88%	JS	HIGH
Minify HTML	B (80)	<b>✓</b> AVG SCORE: 98%	CONTENT	LOW
Optimize images	B (87)	▲ AVG SCORE: 71%	IMAGES	HIGH
Minify CSS	B (89)	♦ AVG SCORE: 94%	CSS	HIGH
Avoid CSS @import	A (92)	<b>✓</b> AVG SCORE: 98%	CSS	MEDIUM
Specify image dimensions	A (93)	♦ AVG SCORE: 97%	IMAGES	MEDIUM
Remove query strings from static resources	C (75)	<b>✓</b> AVG SCORE: 91%	CONTENT	LOW
Specify a Vary: Accept-Encoding header	B (80)	₩ AVG SCORE: 96%	SERVER	LOW
Avoid bad requests	A (100)	♦ AVG SCORE: 98%	CONTENT	HIGH
Avoid landing page redirects	A (100)	♦ AVG SCORE: 99%	SERVER	HIGH
Enable Keep-Alive	A (100)	▲ AVG SCORE: 93%	SERVER	HIGH
Inline small CSS	A (100)	♦ AVG SCORE: 95%	CSS	HIGH
Inline small JavaScript	A (100)	AVG SCORE: 94%	JS	HIGH
Minimize redirects	A (100)	AVG SCORE: 90%	CONTENT	HIGH
Minimize request size	A (100)	♦ AVG SCORE: 99%	CONTENT	HIGH
Optimize the order of styles and scripts	A (100)	♦ AVG SCORE: 96%	CSS/JS	HIGH
Put CSS in the document head	A (100)	♦ AVG SCORE: 100%	CSS	HIGH
Serve resources from a consistent URL	A (100)	▲ AVG SCORE: 91%	CONTENT	HIGH
Serve scaled images	A (100)	▲ AVG SCORE: 73%	IMA GES	HIGH
Prefer asynchronous resources	A (100)	♦ AVG SCORE: 99%	JS	MEDIUM
Specify a character set early	A (100)	♦ AVG SCORE: 100%	CONTENT	MEDIUM
Avoid a character set in the meta tag	A (100)	♦ AVG SCORE: 100%	CONTENT	LOW



# YSlow Recommendations

### YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	<b>→</b> AVG SCORE: 26%	SERVER	HIGH
Make fewer HTTP requests	F (0)	<b>♦</b> AVG SCORE: 35%	CONTENT	HIGH
Compress components with gzip	F (0)	➤ AVG SCORE: 81%	SERVER	HIGH
Use a Content Delivery Network (CDN)	F (0)	<b>→</b> AVG SCORE: 14%	SERVER	MEDIUM
Minify JavaScript and CSS	F (0)	<b>∨</b> AVG SCORE: 72%	CSS/JS	MEDIUM
Use cookie-free domains	F (0)	➤ AVG SCORE: 47%	COOKIE	LOW
Reduce DNS lookups	D (60)	<b>∨</b> AVG SCORE: 74%	CONTENT	LOW
Avoid URL redirects	A (100)	AVG SCORE: 86%	CONTENT	MEDIUM
Make AJAX cacheable	A (100)	♦ AVG SCORE: 100%	JS	MEDIUM
Remove duplicate JavaScript and CSS	A (100)	♦ AVG SCORE: 100%	CSS/JS	MEDIUM
Avoid AlphalmageLoader filter	A (100)	♦ AVG SCORE: 98%	CSS	MEDIUM
Avoid HTTP 404 (Not Found) error	A (100)	♦ AVG SCORE: 99%	CONTENT	MEDIUM
Reduce the number of DOM elements	A (100)	▲ AVG SCORE: 93%	CONTENT	LOW
Use GET for AJAX requests	A (100)	♦ AVG SCORE: 100%	JS	LOW
Avoid CSS expressions	A (100)	♦ AVG SCORE: 99%	CSS	LOW
Reduce cookie size	A (100)	♦ AVG SCORE: 100%	COOKIE	LOW
Make favicon small and cacheable	A (100)	♦ AVG SCORE: 100%	IMA GES	LOW
Configure entity tags (ETags)	A (100)	▲ AVG SCORE: 83%	SERVER	LOW
Make JavaScript and CSS external	(n/a)		CSS/JS	MEDIUM