

Google Maps Heat Map Analysis Checklist

Leverage geographic search data to optimize your local business strategy.

Based on [Google Maps Heat Map Analysis](#) by Casey's SEO

1. Understand Search Intensity Zones

Identify and categorize areas based on search volume to prioritize opportunities.

- Identify High-Intensity Search Zones (80+ searches per 1,000 residents daily).
- Identify Medium-Intensity Search Zones (40-79 searches per 1,000 residents daily).
- Identify Lower-Intensity Search Zones (20-39 searches per 1,000 residents daily).
- Analyze search intensity variations across different neighborhoods.
- Recognize the downtown core as a high search intensity zone (127 searches per 1,000 residents daily).
- Note that search intensity can vary by up to 340% between neighborhoods.

2. Analyze Temporal Search Patterns

Optimize your schedule by understanding when customers are searching.

- Note peak search hours for business districts (11:30 AM - 1:30 PM).
- Note peak search hours for residential areas (5:00 PM - 7:00 PM).
- Analyze weekday vs. weekend search patterns.
- Identify seasonal variations in search behavior (e.g., tourist season spikes).
- Understand how time of day influences search intent (immediate need vs. research).
- Track seasonal search surges for specific services (e.g., HVAC, outdoor services).

3. Leverage Demographic Insights

Tailor your strategy to specific age, income, and lifestyle groups.

- Analyze age-based search behavior to target different generations.
- Understand income-based search variations to define target markets.
- Identify family-oriented search patterns in growing areas.
- Recognize professional and affluent residential search behaviors.
- Analyze search patterns influenced by military lifestyle and demographics.
- Note search terms indicating family focus (e.g., 'family-friendly', 'kids').
- Note search terms indicating quality focus (e.g., 'best', 'premium').

4. Adapt to Mobile vs. Desktop Behavior

Prioritize mobile optimization based on dominant search device usage.

- Acknowledge the dominance of mobile searches (89% or higher).
- Understand location-based mobile search patterns indicating intent.

- Optimize for mobile-first search experiences.
- Ensure fast loading times for mobile users (average 1.2-minute sessions).
- Consider phone call conversions as a key metric for mobile searches.

5. Decode Search Intent

Understand the motivation behind searches to improve conversion rates.

- Differentiate between immediate-need search zones and research-oriented zones.
- Analyze search session duration to gauge intent (e.g., 3.7 mins for luxury, 2.8 mins for research).
- Identify search categories with high conversion potential (e.g., restaurants, parking).
- Recognize searches indicating high purchasing power (e.g., specific brand names, 'best').
- Understand the influence of voice search on query patterns.
- Identify searches with 'near me' qualifiers for local intent.

6. Analyze Competitive Landscape

Identify market gaps and saturation by analyzing competitor search patterns.

- Analyze business category competition to understand market density.
- Identify market saturation indicators.
- Reveal market gaps through location analytics.
- Understand how competitor presence influences search patterns in specific zones.

7. Implement Actionable Optimization Strategies

Apply geographic intelligence to optimize your Google Business Profile and keywords.

- Implement zone-specific Google Business Profile optimization.
- Develop a geographic keyword strategy targeting location-specific searches.
- Optimize content for both local and tourist search behavior.
- Provide tourist-friendly information in relevant areas.
- Emphasize family-friendly attributes, convenience, and accessibility in family areas.
- Highlight professional credentials, quality, and convenience for professionals.
- Optimize for PCS-related services and military needs in relevant zones.
- Focus on home services and new resident searches in developing areas.

8. Consider Technology and Device Impact

Factor in emerging technologies and device integrations affecting search.

- Analyze the impact of smart device integration on search patterns.
- Consider the influence of emerging trends on future search behavior.
- Stay updated on technology shifts impacting location intelligence.

Resources & Further Reading

Use these pages while working through the checklist:

■ Colorado Springs SEO Blog

<https://caseysseo.com/seo-blog>

■ Colorado Springs Zip Code SEO Guide: Targeted Neighborhood Strategies – Casey's SEO

<https://caseysseo.com/colorado-springs-zip-code-seo-guide>

■ The Psychology Behind Google Maps User Behavior in Colorado Springs – Casey's SEO

<https://caseysseo.com/the-psychology-behind-google-maps-user-behavior-in-colorado-springs>

■ This Will Make You the Dominant Force in Colorado Springs Google Maps – Casey's SEO

<https://caseysseo.com/this-will-make-you-the-dominant-force-in-colorado-springs-google-maps>

■ Why Colorado Springs Service Pages Outperform Blog Posts

<https://caseysseo.com/colorado-springs-service-pages>

■ Colorado Springs Competitor Benchmarking: How to Analyze Your Local SEO Competition – Casey's SEO

<https://caseysseo.com/colorado-springs-competitor-benchmarking>

■ Colorado Springs Neighborhood SEO Guide: Targeting Local Customers By Area (2025) – Casey's SEO

<https://caseysseo.com/colorado-springs-neighborhood-seo-guide>

■ Google Business Profile Optimization Checklist for Colorado Springs Businesses (2025 Guide) – Casey's SEO

<https://caseysseo.com/google-business-profile-optimization-checklist-for-colorado-springs-businesses-2025-guide>

Casey's SEO | 8110 Portsmouth Ct, Colorado Springs, CO 80920

719-639-8238 | caseysseo.com

Master geographic search optimization by understanding and acting on local search data.