

Final Project Proposal

...

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Where?

- Chicago
- Tel Aviv
- Boston
- Cambridge

Chicago

- Went to school in the suburbs
- Very different experience than the city

→ Questions

- Why are some schools different than others?
- What are the nearby amenities to schools?
- Does that influence their ranking/scoring?
- What about racial composition?
- New development?

Data Available for Chicago

- Census data
- CPD crime data (including location)
- School rankings
- OSM

Add Map Labels

Remove Color-Coding

Hide Overlays

2010 Census Block Data

1 Dot = 1 Person

- White
- Black
- Asian
- Hispanic
- Other Race / Native American / Multi-racial

What am I looking at...?

+

-

Google

Tweet

Share

Dustin A. Cable | University of Virginia | Weldon Cooper Center for Public Service | Reference Data by Stamen Design

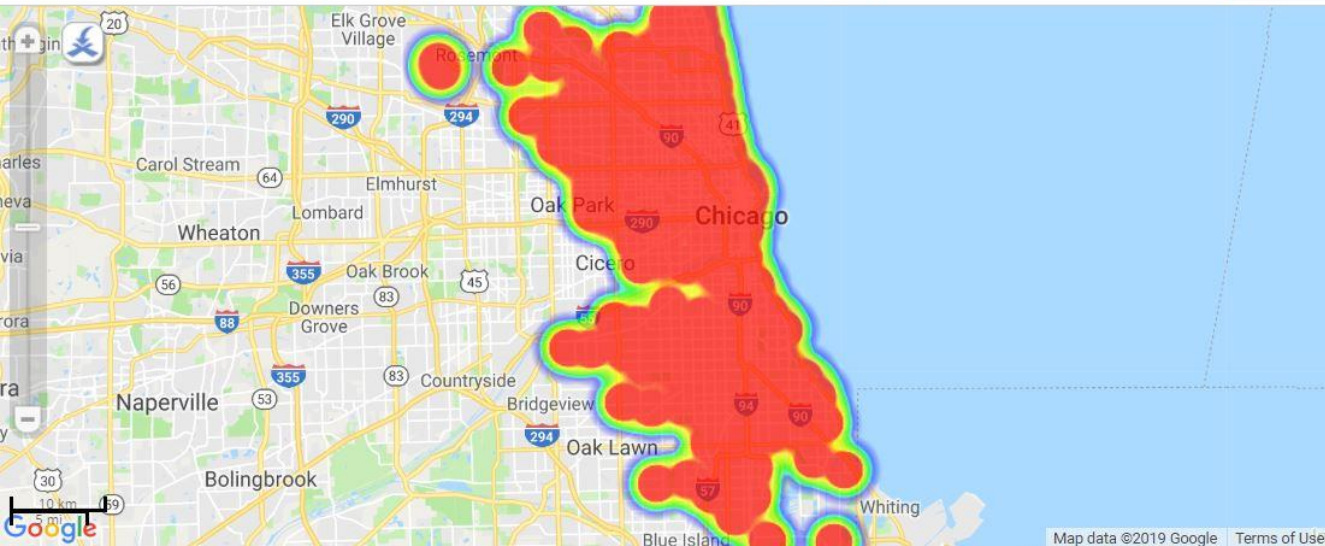
Image may be subject to copyright Terms of Use



Gun Crimes Heat Map

Based on [Crimes - 2001 to present](#)

This dataset reflects reported incidents of crime (with the exception of murders where data exists for each victim) that occurred in the City of Chicago from 2001 to present.

[More Views](#)[Filter](#)[Visualize](#)[Export](#)[Discuss](#)[Embed](#)[About](#)

Map data ©2019 Google [Terms of Use](#)

Filter

Conditional Formatting

Sort & Roll-Up

Filter

Filter this dataset based on contents.

No conditions defined yet.



Add a New Filter Condition

With the following base filters



Crimes - Map

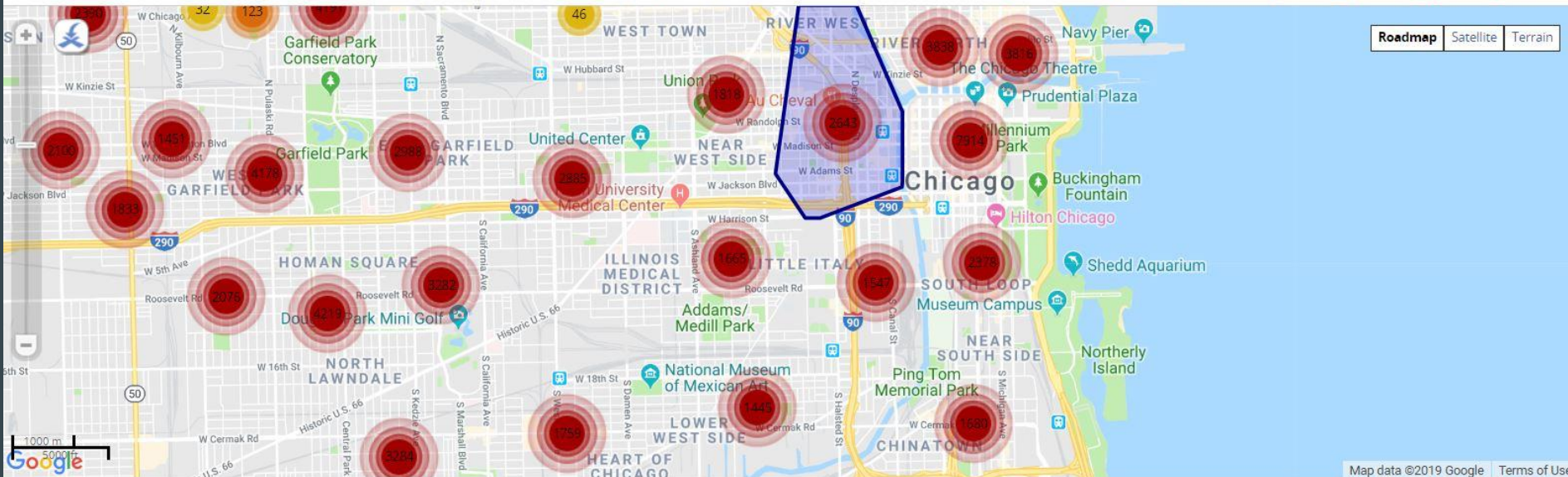
Based on [Crimes - One year prior to present](#)

This dataset reflects reported incidents of crime that have occurred in the City of Chicago over the past year, minus the most recent seven days of data. Data is extracted from the



Find in this Dataset

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[Roadmap](#) [Satellite](#) [Terrain](#)

Incorporate Them All!

Goal: Display in a visually striking,
interactive, shareable map the various forms
of segregation and inequality in Chicago

Audience: City planners, the new mayor,
social and economic justice oriented
organizations, developers

Challenges:

- Historical redlining → racial segregation
- Priorities of public officials → economic segregation
- Who is funding equality/justice efforts?
- Police
- So many variables to choose from

Engagement: Explore how various metrics
and amenities interact spatially

**How: Web applet using Processing and
JavaScript or MapBox (?)**

Personal Goals:

- Focus on design
 - Want it to be very visually striking
 - An implicit call to action
- Explore web based platforms to allow for sharing
- Write code that can be scalable/reusable for other locations



Sign In

Crimes - Map

Based on Crimes - One year prior to present

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More Views

Filter

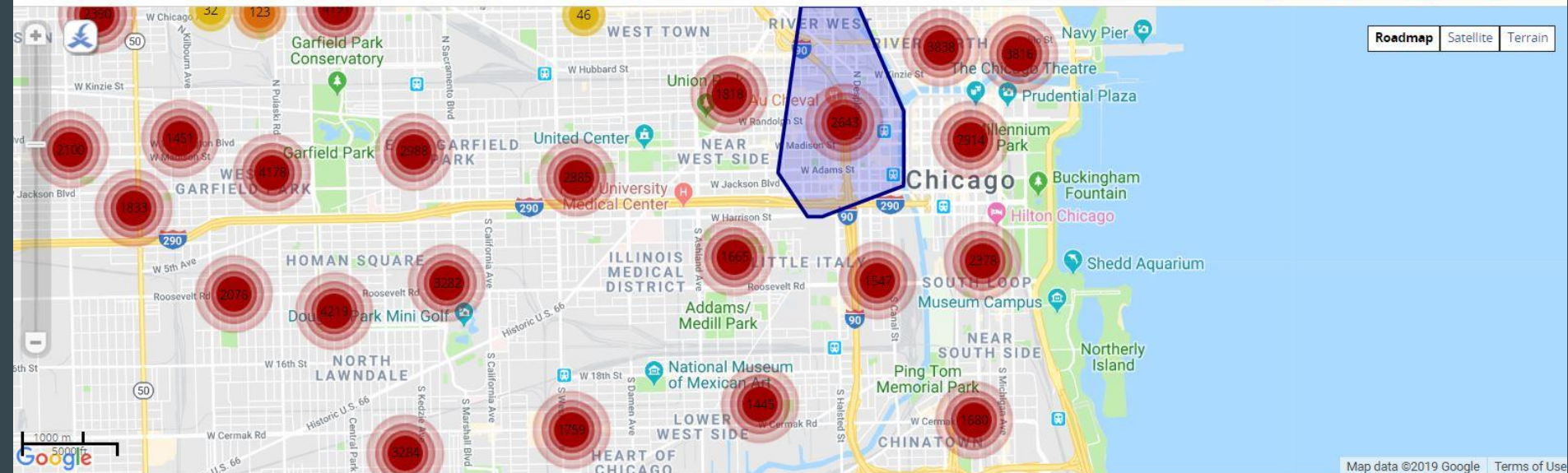
Visualize

Export

Discuss

Embed

About



Questions?