



2020

A look back & ahead | @abhinemani



chucky
[scribble]

Lee
[scribble] Michael
[scribble]

710

CODE for

AMERICA

(UNDER CONSTRUCTION)

[scribble]
Ryan
[scribble]

[scribble]

Love
[scribble]

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01010111 01100101 00100000 01110100 01101000 01100101
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01100101 00100000 01101111 01100110 00100000 01110100
01101000 01100101 00100000 01010101 01101110 01101001
01110100 01100101 01100100 00100000 01010011 01110100
01100001 01110100 01100101 01110011 00101100 00100000
01101001 01101110 00100000 01001111 01110010 01100100
01100101 01110010 00100000 01110100 01101111 00100000
01100110 01101111 01110010 01101101 00100000 01100001
00100000 01101101 01101111 01110010 01100101 00100000
01110000 01100101 01110010 01100110 01100101 01100011
01110100 00100000 01010101 01101110 01101001 01101111 01101110

-James Madison

System Architect, 1787

CODE THE NEXT CHAPTER OF AMERICAN HISTORY
CODEFORAMERICA.ORG/FELLOWS

CODE *for*
AMERICA

WHAT HAVE WE LEARNED?

- Low Code
 - Build tools for apps, not just apps
- Better Open Data
 - Civic data is everywhere
- Better Open Data
 - Think regionally
- Hacks and Hackers
 - Stories Matter
- Digital Services:
 - Small pieces, loosely joined

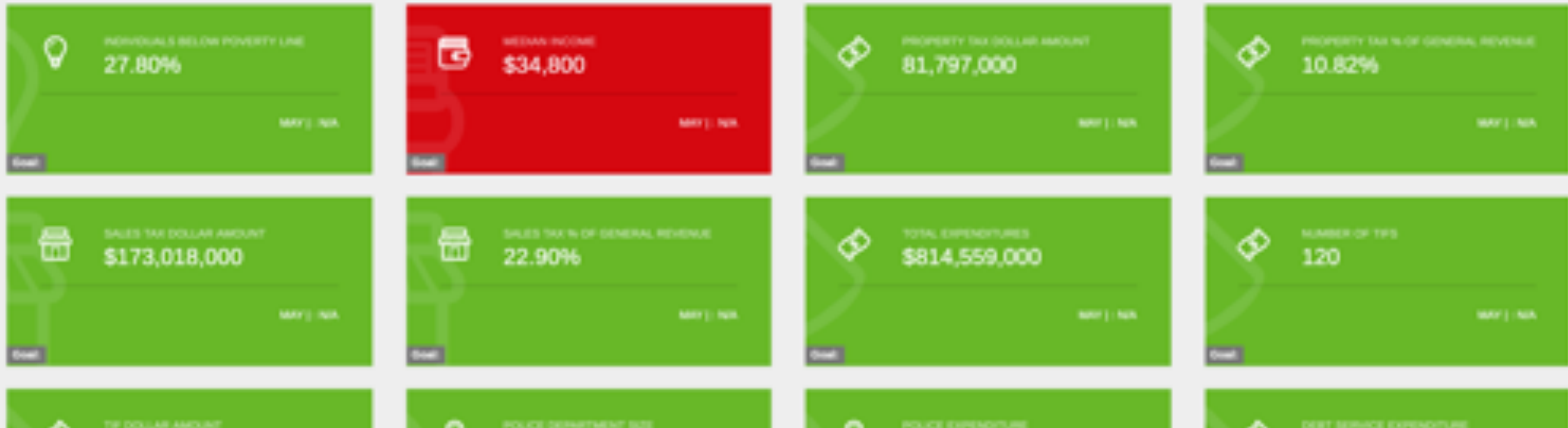


LOW CODE

(for America)







MVP WAS HAND-CODED, NO DATABASE

First version was just html, with each element manually updated by the concierge. (me)



Sheetsee.js is a client-side library for connecting Google Spreadsheets to a website and visualizing the information in tables and maps.

Input for Mayors Dashboard: MOED

File Edit View Insert Format Data Tools Add-ons Help Last edit was made 2 days ago by Ashley Atkinson

Comments [Share](#)

123 Arial 18 B I S A - [Grid Icon] [Zoom Icon] [Print Icon] [Filter Icon] [Sum Icon]

Metric	A	B	C	D	E	F	G	H	I	J	K
Metric	Value	Percentage	date	frequency	change	goal	color	icon	maplink	ch	
New Payroll Jobs	85,431	71.2425	May	Since	T1/2013	120,000 by FY17	green	linecons-lightbulb			
Jobs in Los Angeles	1,833,537	85	May	Y.O.Y.	2.40%	1,853,776	green	linecons-user			
Jobs for Angelenos	1,891,313	100	May	Y.O.Y.	2.50%	1,895,901	green	linecons-user			
Employment Growth Y.O.Y. Compared to CA	-0.30%		May	Y.O.Y.	N/A	Growth above CA	red	linecons-t-shirt			
Dollars Leveraged for Manufacturing Sector	\$57.8M		June	M.O.M.	N/A	\$45M	green	linecons-shop			
Film Production Days (FYTD)	52,773	96	May	Y.O.Y.	N/A	55,000 by FY15	green	linecons-videocam			
Federal Funding Raised with Promise Zone designation	\$36.4M	7.3	Q3FY15	Q.O.Q.	N/A	\$500M by CY24	green	linecons-location			
Homeless Veterans Housed	3,960	56%	May	M.O.M.	N/A	7,000 by CY15	grey	fa-home			
Unemployment Rate	7.80%		May	Y.O.Y.	-0.80%	4.8% (lowest rate)	grey	linecons-camera			
TEU Cargo Containers through POLA (CYTD)	3,181,718		May	Y.O.Y.	-5.03%	8,340,065 (CY14)	grey	linecons-truck			
Passengers through LAX (CYTD)	28,990,613		May	Y.O.Y.	4.09%	TBD	grey	fa-paper-plane			
Veteran Job Placements	4,243	42%	Q3FY15	Q.O.Q.	N/A	10,000 by FY17	green	linecons-money			
Business Registrations	59,317		CY14	Y.O.Y.	2.83%	TBD	green	linecons-shop			
Mean Hourly Wage (LA Metro)	\$25.48		May '14	Y.O.Y.	M.O.M.	TBD	grey	linecons-money			
LA County Median Household Income	\$55,909		CY13	Y.O.Y.	2.90%	TBD	grey	linecons-money			
POLA Market Share (US)	18.80%		CY14	Y.O.Y.	N/A	TBD	grey	fa-dirt			
POLA Market Share (West Coast)	39.80%		CY14	Y.O.Y.	N/A	TBD	grey	fa-dirt			
POLA Market Share comp. to POLB	3.00%		CY14	Y.O.Y.	N/A	TBD	grey	fa-dirt			
Visitors to Los Angeles	44.2M	88.4	CY14	Y.O.Y.	2.80%	50M by 2020	green	fa-group			
Housing Permits Issued	25,929	25.9%	June	M.O.M.	9.17%	100,000 by FY21	green	linecons-cloud	https://data.lacity.org		

```

<script id="photogrid" type="text/html">
  <div class="row" data-equalizer>

    <div class="col-sm-3">

      <div class="se-widget se-progress-counter se-progress-counter-{{color}}">

        <div class="se-background">
          <i class="{{icon}}"></i>
        </div>

        <div class="se-upper">
          <div class="se-icon">
            <i class="{{icon}}"></i>
          </div>
          <div class="se-label">
            <span>{{metric}}</span>
            <strong class="num">{{value}}</strong>
          </div>
        </div>

        <div class="se-progress">
          <span class="se-progress-fill" data-fill-to="0" data-fill-unit="%" length data-fill-duration="3" data-fill-easing="true" style="width:
          {{percentage}}%;"></span>
        </div>

        <div class="se-lower">
          <strong><a href="{{chartlink}}"><i class="fa-bar-chart"></i></a>
          <a href="{{maplink}}"><i class="fa-map-marker"></i> </a>
          <a href="{{detailink}}"><i class="fa-database"></i></a>
          <a href="{{checklink}}"><i class="fa-check-square-o"></i> </a>
            {{date}} | {{comparison}}: {{change}}
          </strong>
        </div>
        <div class="label label-default">Goals: {{goal}}</div>

      </div>

    </div>
  </div>
</script>

```



DONATION DROP-OFF POINTS

Department of Health & Senior Services
812 Wilkwood Drive - For State Employees Only

Department of Health & Senior Services
820 Wilkwood Drive - For State Employees Only

Department of Health & Senior Services
930 Wilkwood Drive - For State Employees Only

Advance Spinal Rejuvenation
3237 W. Truman Blvd, Suite 101

Bush's Florist
820 Madison St.

Capital 8 Theaters
3600 Country Club Drive

Capital City Chrysler Jeep Ram
3201 Missouri Blvd.

Department of Social Services
815 Mcwertz - For State Employees Only

Department of Natural Resources
1301 Riverside Drive - For State Employees Only

Five Below
733 Scenic Ave Plaza

Furniture Factory Outlet
2010 Missouri Blvd.

Missouri Lottery
1823 Southridge

OA Budget & Planning
2nd Floor Capital Building
For State Employees Only

Pizza Hut
3601 Country Club Drive

Riley Chevrolet
2033 Christy Drive

Riley Toyota Scion
2105 Christy Drive

River Region Credit Union
2009 Schoerf Hill Woods Drive

River Region Credit Union
3608 Truman Blvd.

River Region Credit Union
3124 West Edgewood Drive

Samuel's Tuxedo
236 E. High St.

St. Stanislaus
Worship

State Farm Insurance
722 Jefferson St.

GETTING THE DATA

- “Data” typically shared on flyers or in-person
- Main website did not have a CSV, API, or any machine-readable format
- Data had to be scraped from main website
 - Data was posted as an html table
 - Developer used PHP Scraper Gouette
 - More information

DATA HOSTED ON GOOGLE FUSION TABLES

abhinemani@gmail.com

toys-4-tots-donation-locations-2018
Toys 4 Tots drop-off locations for 2018 in the United States
Donatib, - Edited on 2018 November 24

Google Fusion Tables will not be available after Dec. 3, 2018. [Learn more](#) [Share](#)

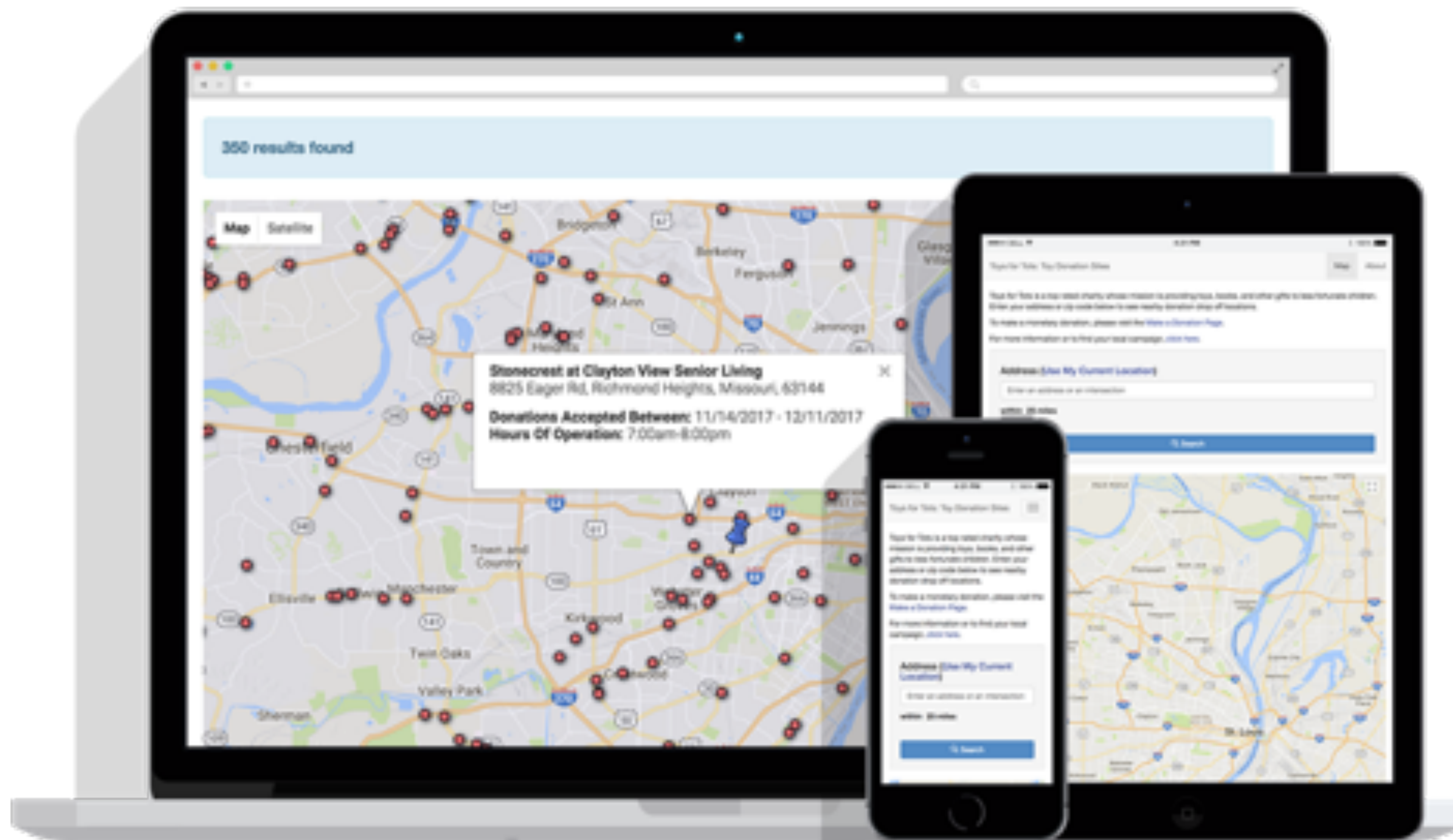
File Edit Tools Help Rows 1 Cards 1 Map of address

Filter No filters applied Not saving

1-100 of 20222

county_id	Organization	Address	Phone	Donations Accepted Between	Hours Of Operation	Email
808	Titemax: Michael Roman GM	2348 Lawrenceville Hwy, Lawrenceville, Georgia, 30044		11/19/2018 - 12/21/2018	M-F 9-7, Sat 10-2, Closed Sunday	
76	Fine Ink Studios (Orlando): Myranda Barnett	11681 S. Orange Blossom Trail, Orlando, Florida, 32837	407-361-3434	11/02/2018 - 12/15/2018	11am-6pm	myranda@toys-4-tots-donation-locations-2018@gmail.com
808	Titemax: Nadia Pineda	5678 Buford Highway, Doraville, Georgia, 30340		11/13/2018 - 12/21/2018	Monday- Friday 9am-7pm, Saturday 10am-3pm	
772	Pivot Landing Group: Jennifer Sylva	5835 S Zang St, Suite 220, LITTLETON, Colorado, 80127	303-796-6100	11/05/2018 - 12/17/2018	8am to 5pm	
76	Twin Peaks International Drive: Jamie Hoyle	6350 INTERNATIONAL DR, Orlando, Florida, 32836	407-401-2348	11/12/2018 - 12/15/2018	11am-2am	samsquatch75@gmail.com
808	Titemax: Liz	210 Scenic Highway, Lawrenceville, Georgia, 30046		11/06/2018 - 12/21/2018	9am-7pm	

DONATEIT.TO BY JOHN KRAMLICH



DEREK EDER'S SEARCHABLE MAP TEMPLATE

Searchable Map Template Map About

This is a demo of Derek Eder's Searchable Map Template using Google Fusion Tables. Use this section to give a little context to your map.

Address (find me)

Enter an address or an intersection

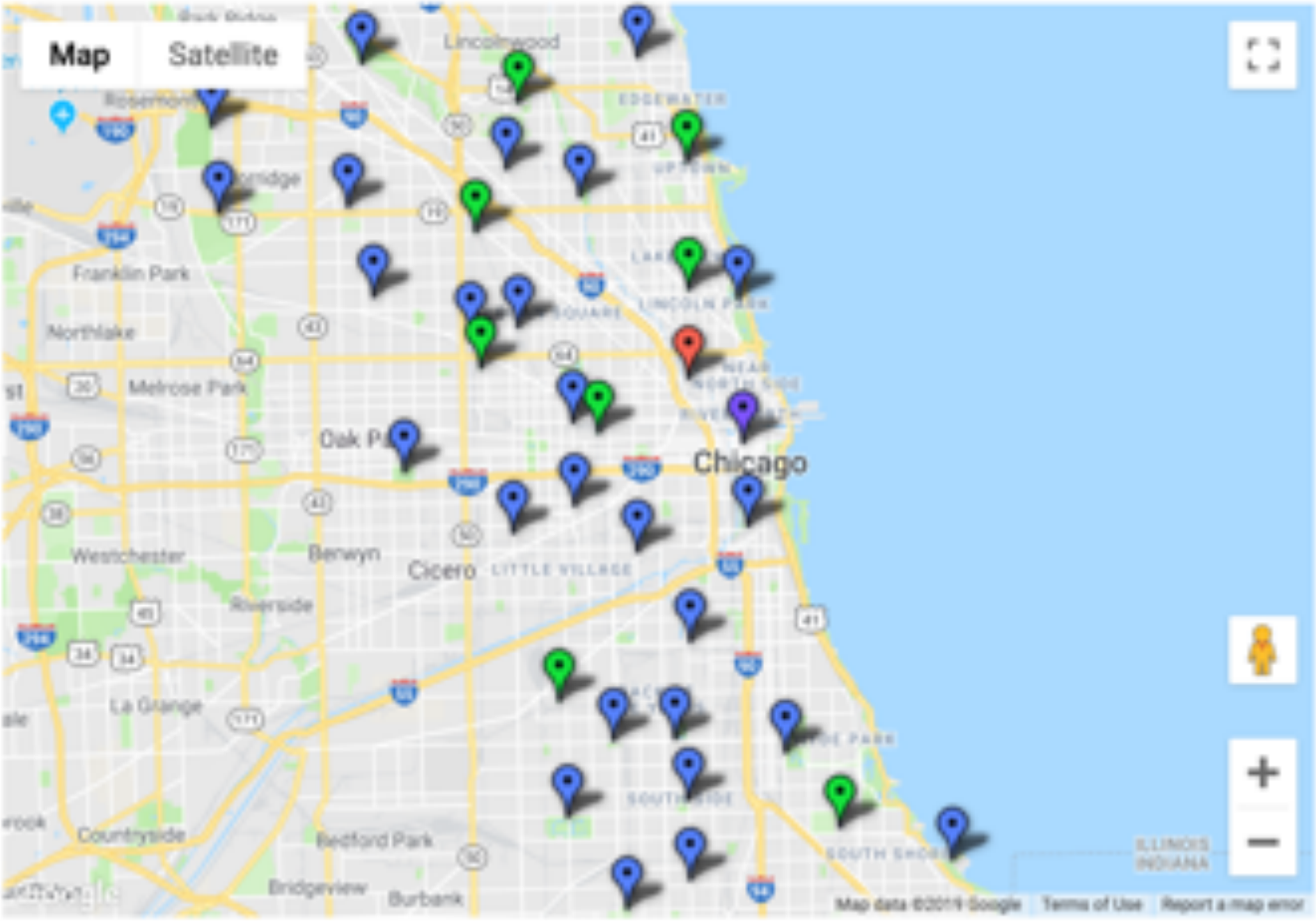
within **1/2 mile**

Custom filters and views

Take a look at the [wiki](#) to see how to add your own custom filters and views like:

- Checkboxes
- Sliders
- Radio buttons
- Date sliders
- Drop down lists
- Results lists
- Text searches

41 results found



derekeder.github.io/FusionTable-Map-Template/index.html

Searchable Map Template by Derek Eder.

Features

- full screen, iframe and content templates
- display up to 100,000 map points
- address search (with variable radius and geocomplete)
- geolocation (find me!)
- results count
- RESTful URLs for sharing searches
- ability to easily add additional search filters (checkboxes, sliders, etc)
- mobile and tablet friendly using responsive design
- built with HTML, CSS and Javascript - no server side code required

To embed, you can use the following code on your page:

```
<iframe style="border-style: none;" src="/path/to/map-template/index_iframe.html" width="600" height="950" >
</iframe>
```

https://derekeder.com/searchable_map_template/



WHAT ARE OTHER “LOW CODE” IDEAS?

Airtable, Office 365, etc?



(BETTER) OPEN DATA, P1

Think beyond city hall



OPEN DATA PORTALS



**IF YOU BUILD IT
THEY WILL COME.**

~~IF YOU BUILD IT~~
~~THEY WILL COME.~~

After DACA Announcement, LA Lawyer Warns of Immigration Scams

So-called experts have sought to take advantage of changes in immigration laws

By [Gerardo Bonilla](#)



WEATHER FORECAST

 WEATHER ALERTS

[View all](#)

Los Angeles, CA [Change](#)



62°

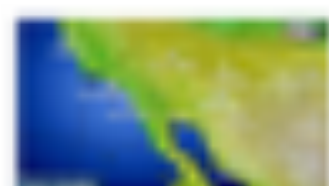
Scattered
Clouds
Feels Like 62°



Radar



Forecast



Maps

WORKSHOPS POSTED ON OPEN DATA



Data Catalog Geohub Blog Developer Resources About



Sign In

Immigration Workshops

Immigration Workshops around the City of Los Angeles.

Find in this Dataset

More Views | Filter | Visualize | Export | Discuss | Embed | About

Date of event	Organization	Site Name	Location	Start Time	End Time	Language
01/29/2015	CARECEN	AB60 Study Circle, CARECEN	2845 W 7th St Los Angeles CA...	6:00 PM	8:00 PM	Spanish
01/29/2015	CARECEN	AB60 Study Circle, CARECEN	2845 W 7th St Los Angeles CA...	6:00 PM	8:00 PM	Spanish
02/04/2015	CARECEN	SEIU	1651 East 4th Street Santa Ana...	6:30 PM	8:30 PM	Spanish
02/04/2015	CARECEN	SEIU	1651 East 4th Street Santa Ana...	6:30 PM	8:30 PM	Spanish
02/05/2015	CARECEN	Belmont High School	1575 W 2nd Street Los Angele...	9:00 AM	10:00 AM	Spanish

< Previous Next >

Showing Rows 1-100 out of 3,951

Date of event: 01/29/2015
Organization: CARECEN
Site Name: AB60 Study Circle, CARECEN
Location: 2845 W 7th St
Los Angeles, CA 90005
Start Time: 6:00 PM

End Time: 8:00 PM
Language: Spanish
Free: Free and open to the public, limited space
Notes: AB60 Study Session with practice tests
Contact: Terrie Borden 213-385-7800 x168 tborden@carecen-la.org

MYIMMIGRATIONLA (DEPRECATED)



UPCOMING EVENTS

MARK TWAIN BRANCH LIBRARY

CITIZENSHIP CLINIC

2015-06-02

ENGLISH



MARK TWAIN BRANCH LIBRARY

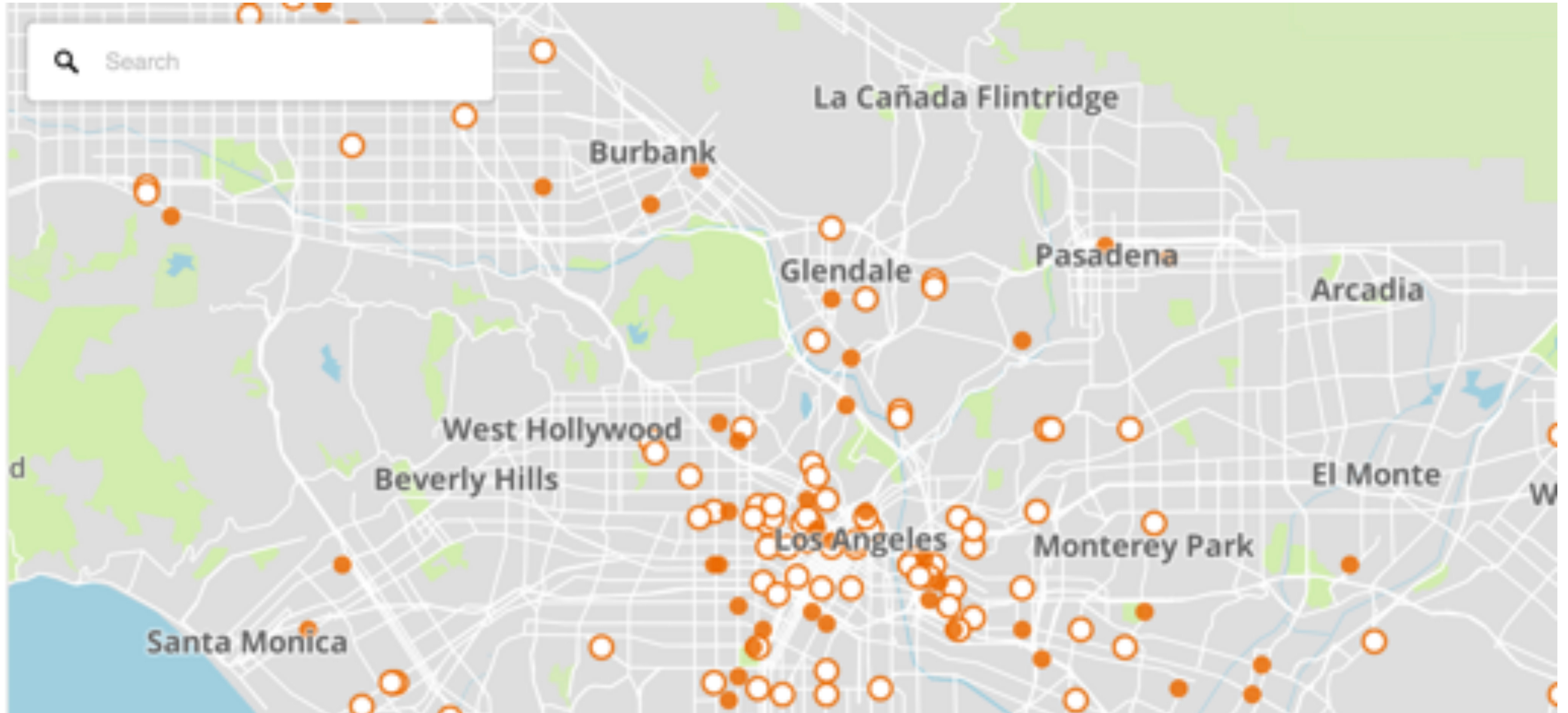
CITIZENSHIP CLINIC

2015-06-02

ENGLISH



CURRENT IMMIGRATION WORKSHOP VISUALIZATION (SOCRATA)





WHERE DOES THE DATA PEOPLE NEED LIVE?

NGOs, Universities, Companies, etc?



(BETTER) OPEN DATA, P2

Think regionally



The Region's Open Data at Your Fingertips

Now serving 329 datasets and counting.

  PPS Instructional Packet Pickup Location Finder

[Browse the Data!](#)

Data Across Sectors for Health - Cardiovascular Disease Data Guide

The data in this DASH Data Guide has been assembled and made available for public use as part of...



Data Beginners

New to open data, and looking to build your skills? We have **tutorials and other resources** that will help you get started.



Data Wizards

Are you an experienced data user and looking to get the most out of open data? Check out our **FAQ's, API documentation, and other resources.**



Publishers

Do you already publish open data, or are you interested in becoming a publisher? We have assembled **everything you need to know** in one place.



ST. LOUIS

Regional Data Alliance

CONNECTING DATA FOR COMMUNITY CHANGE

Our Story

Good information — connected, comprehensive datasets about the St. Louis region's health and wellbeing — is often hard to find. The complex data landscape requires public, private, and social sector leaders working together to create a holistic regional data sharing system to improve community health.

Since its launch in June 2018, the RDA has worked hard to address these challenges alongside a growing number of partner governments, universities, funders, nonprofits, healthcare providers, private businesses, and strategic initiatives.

Collectively, these organizations sought to understand, connect, strengthen, and use what the RDA refers to as *community data*, defined as “organized information about community health and development — including but not limited to data from government, healthcare, and the nonprofit sector — that is used to understand a local situation and plan for action.”



HOW CAN YOU CODE FOR _____ ?

County, region, state, etc?



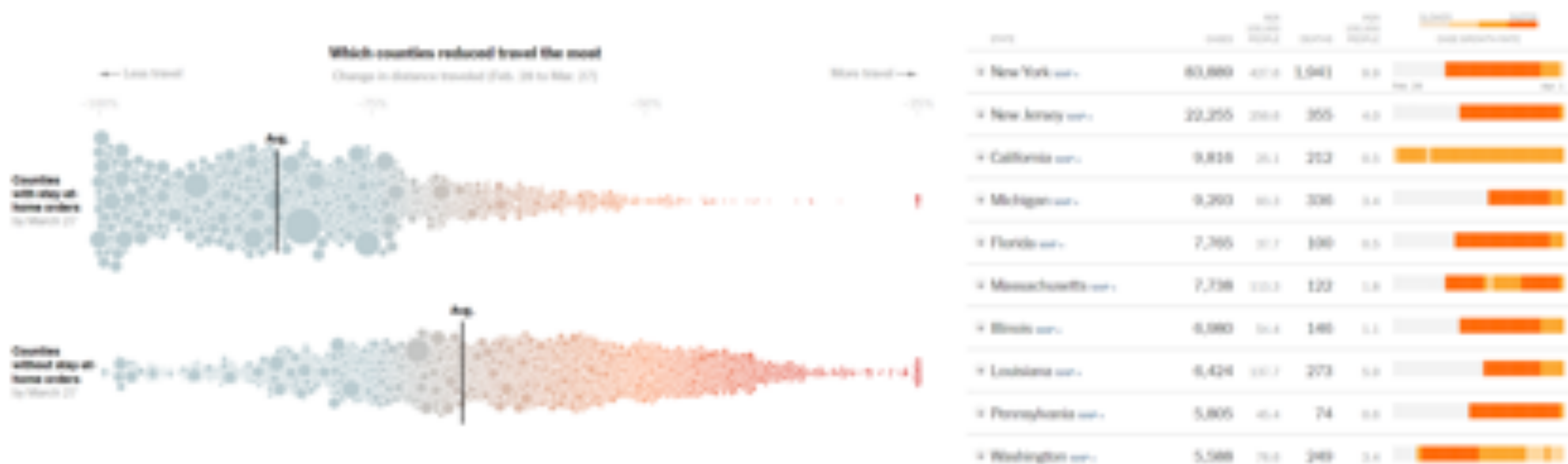
HACKS & HACKERS

Rethink the 4th Estate



7 Ways to Explore the Math of the Coronavirus Using The New York Times

Graphs and data are everywhere as we try to better understand this pandemic and all its related health, economic and social consequences.



Filter resources

What

- Money
- Food
- Housing
- Health
- Mental Health
- Utilities
- Legal Help

Where

Who

Find resources limited to any of these groups

- Families
- Immigrants
- LGBTQI
- Business Owners
- Students

Updated, verified info—created by [City Bureau](#), a nonprofit newsroom based in Chicago. Text "covid" to 312-436-2280 to access via phone.

1,400 resources available, use the filters to shorten the list

Money

Get Hired Illinois

Jobs website for workers and employers in Illinois.

Last updated May 20, 2020

[Website](#)

[Report error](#)

Health

Telehealth Remote Care for Mild COVID-19 Cases

If you believe you may have a mild case of COVID-19, this remote patient monitoring program is available to anyone with or without insurance in Illinois.

Patients receive daily virtual visits by health care workers and receive wellness kits that include things like thermometers and pulse oximeters and blood pressure cuffs.

Last updated May 28, 2020

[Website](#)

[\(866\) 443-2584](#)


[Report error](#)

Money

Pandemic Unemployment Assistance

[Website](#)

CITY / CIVIC STORY TELLING



Technically

We're a news organization that helps you navigate your local economy >



CIVIC HALL

ABOUT US ▾

MEMBERSHIP ▾



CIVICIST

STARTUPSAC

DIGITAL SERVICES

Small pieces, loosely joined



WE WORKED AT THE FRINGES: SIZE



Look at Cook
Brought to you by Cook County

Trip Planner
Home | Transit Trackers | Transit Schedules | Alerts

purpleblader
Chicago Service Finder

Welcome to Improve
Chicago

Chicago Decoded
Available City Law for All

Crimefound.us
What is Crimefound.us?
Crimefound.us is a tool for browsing crime reports from the Chicago Police Department. Reports are available for the City of Chicago from 2007 to the **week ago**.

Service Tracker CHICAGO
Find out the status of your service request

City of Chicago Data Portal
Potholes Patched - Last Seven Days
Budget - 2014 Body Ordinances - Appropriations by Department

Titles of the Code of Chicago
These are the fundamental parts of the Code of Chicago.

Filter your search
Date reported: 4/1/2014 - 06/30/2014
Crime type: **more info**

Recent Service Requests
Rodent Baiting / Rat Complaint
#16-00876487
13 minutes ago

Search & Browse
View Type: [Icons]
Name: [List]

DIGITAL SERVICES

- 311 (eg Abandoned Vehicle)
- Pet Registration / Renewal
 - Lost Pet, Microchip, Adoptions
- Parking Registration / Renewal
- New Business Registration
- Police Report
- Bicycle Locker
- Tree Permit
- Building Permit Fees
- Planning Fees
- Parks Activity and Facilities Permit
- Bike Registry



“

Designing for inclusion is necessary.



CUT GROUP

- Organized by Smart Chicago
- Designed to get civic apps into the hands of real users
- Held at neutral locations (eg libraries)
- Participants were “rewarded” for their participation (gift cards)
- Ancillary benefit was not just user feedback/learning but also user adoption
- See Dan O’Neil’s chapter in *Beyond Transparency*

“

“Business as usual” won’t work anymore.

“

Civic tech is no longer a “nice to have”...

It's a need to have. Now.

“

There's never been a more important time to be good at what [we] do.

- “The West Wing”