

# World Statistics Day

Stuart Gano  
Data Solutions Architect  
Socrata | @stuagano

# Existing data portals

**City of Chicago Data Portal**

**Broadband Map Zones**  
The broadband map zones are provided by the City of Chicago to help you understand the current status of broadband service in your area. The City of Chicago has recently updated the broadband map zones to reflect the most recent data available through the Broadband Provider Data Collection System. The City is committed to providing the most accurate and up-to-date information to help you make informed decisions.

**Solar Radiation at Chicago Beaches**  
The solar radiation data for Chicago beaches is derived from a combination of satellite and ground-based data. The data is updated on a regular basis and is available for download from the City's website.

**Food Inspections**  
The information is derived from inspections of restaurants and other food establishments in Chicago from January 1, 2010 to the present. However, the City is committed to providing the most accurate and up-to-date information to help you make informed decisions.

**Budget - save Budget Recommendations - Appropriations - Graph**  
2016 budget appropriation recommendations prepared by the report to the city council.

**Search & Browse Datasets and Views**

Name	Popularity	Type
1. <b>Current Employee Names, Salaries, and Position Titles</b> This dataset is a listing of all current City of Chicago employees, complete with full names, departments, positions, and annual salaries. For hourly a...	81,021 views	Table
2. <b>Problem Landlord List - Map</b> This list identifies landlords and property owners who are designated "problem landlords". Landlords on this list have had two or more administr...	160,000 views	Map
3. <b>Building Permits</b> Permits issued by the Department of Buildings in the City of Chicago from 2006 to the present. This dataset for each year contains more than 65,000...	246,187 views	Table
4. <b>Affordable Rental Housing Developments</b> The affordable rental housing developments listed below are supported by the City of Chicago to maintain affordability standards. For information o...	206,360 views	Table
5. <b>Building Code Violation List - Map</b> The Chicago Building Code Violation Database (Section 2-604-416 of the Municipal Code of Chicago) is designed to prevent landlords that refuse or refu...	74,074 views	Map
6. <b>Crimes - 2001 to present</b> This dataset reflects reported incidents of crime (with the exception of murders where data exists for each victim) that occurred in the City of Chic...	160,709 views	Table
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8. <b>Food Inspections</b> This information is derived from inspections of restaurants and other food establishments in Chicago from January 1, 2010 to the present. Inspectio...	108,000 views	Table
9. <b>Chicago Street Names</b> List of all Chicago streets with suffixes and minimum and maximum address numbers.	113,000 views	Table

**data.pr.gov**

Spanish | English | Datos | Desarrolladores | Administración

Búsqueda

**Portal de Interconexión de Datos Abiertos de Puerto Rico**

"Por cada dólar que se invierte en abrir datos, se devuelven entre \$5-\$18 a la economía" Estudio - Costs and Benefits of Data Provision

**Portal Catastro Digital**  
El catastro digital provee a los usuarios información como el valor tributable de la propiedad y quiénes son los colindantes, además de las zonas inundables, bosques y zonas históricas.

**Sistema Integrado de Permisos - OGP**  
Este portal centraliza los datos geográficos digitales producidos por las agencias y corporaciones desde 2001-2012 donde los ciudadanos tendrán acceso a esos datos.

**Connect Puerto Rico**  
Creando mejores oportunidades económicas y de vida a través de la expansión de acceso, adopción, & uso de banda ancha.

**Inteligencia Económica**  
Consulta sobre datos en el Registro Electrónico de Corporaciones y Entidades. Podrá consultar, entre otros criterios, sobre el número de corporaciones en PR y evaluar industrias, volumen de negocios, exportaciones y cantidad de empleos, entre otros.

**Seguridad Pública**

**Transportación**

**Salud**

**Desarrollo e Infraestructura**

**Economía y Finanzas**

**Recreación y Deportes**

**Negocios y Corporaciones Públicas**

**Familia y Servicio Social**

**Educación**

**Permisos y Ambiente**

**Turismo**

**Abierto**

**Enlaces de Gobierno**  
PR.gov  
www.estadísticas.pr.gov

**Enlaces de Clasificación de Datos**  
Manual de Datos Abiertos  
Normas de Uso  
Política de Datos Abiertos  
Política de Privacidad

**Categorías**  
Seguridad Pública  
Transportación  
Salud  
Economía y Finanzas  
Desarrollo e Infraestructura  
Recreación y Deportes  
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Familia y Servicio Social  
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Turismo  
Abierto

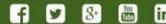
**Data.PR.gov** es un portal de interconexión de datos abiertos en Puerto Rico. Existe una intención de llevar datos a datos de forma dinámica, que nos permita desarrollar aplicaciones para mejorar servicios a los ciudadanos. "Open Data" nos da el poder de tomar decisiones informadas y al permitir la creación de programas mejorados, se puede disponer de la información y poder presentar la misma de forma accesible y útil para los ciudadanos. Este portal pretende con los datos de mayor calidad gubernamental, crear desarrollo económico y maximizar el uso de Entidad Federativa.

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data.pr.gov



# Mapping Crime in Puerto Rico

data.pr.gov

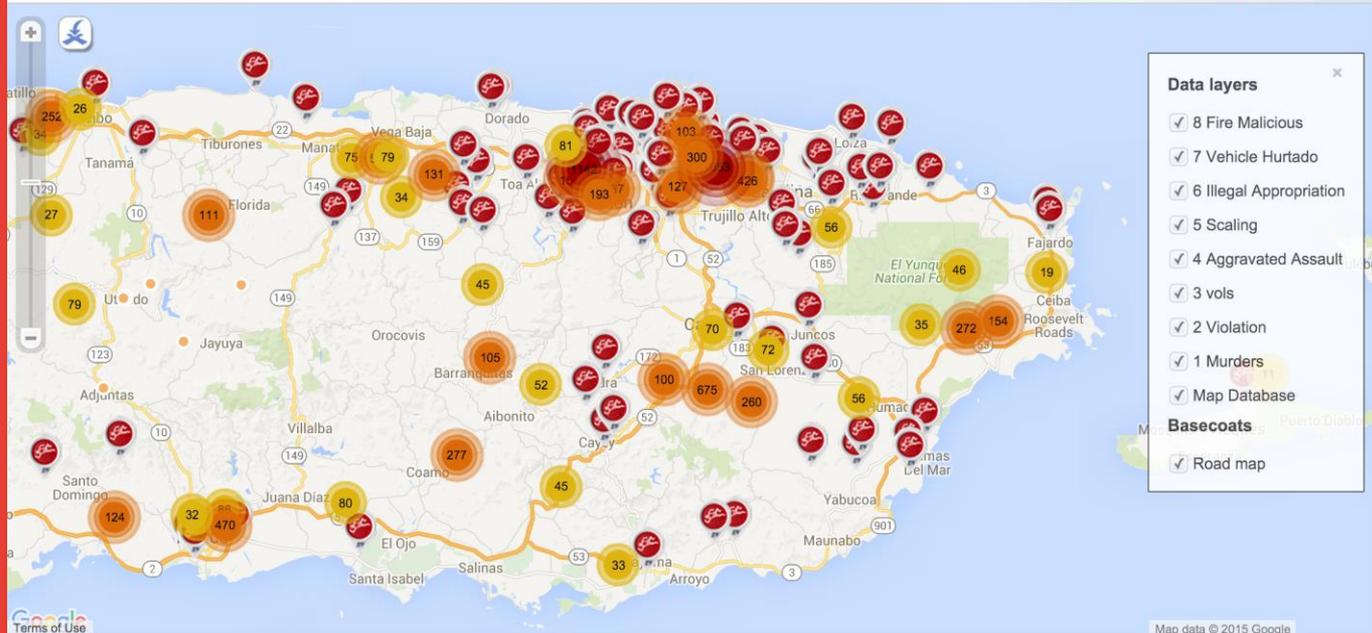
Spanish Inglés | Data Developers Administration

## CrimeMapFilter\_0\_MapRebuild

Based on Crime Incidence Map

Data provided by this application are operational statistics of the Police of Puerto Rico. Its purpose is solely as an information medium and may not

Manage More Views Filter Visualize To export To debate Embed About



### Data layers

- 8 Fire Malicious
- 7 Vehicle Hurtado
- 6 Illegal Appropriation
- 5 Scaling
- 4 Aggravated Assault
- 3 vols
- 2 Violation
- 1 Murders
- Map Database

### Basecoats

- Road map

### Filter

Conditional formatting

Classify and summarize

Filter

Filter this data set based on the contents.

There Have Been conditions defined yet.

+ Add a new filter condition

With the following basic filters

Crime is  
it is empty

Delitos\_code contains  
9

Have you ever created a filter? Watch this short video to help here .

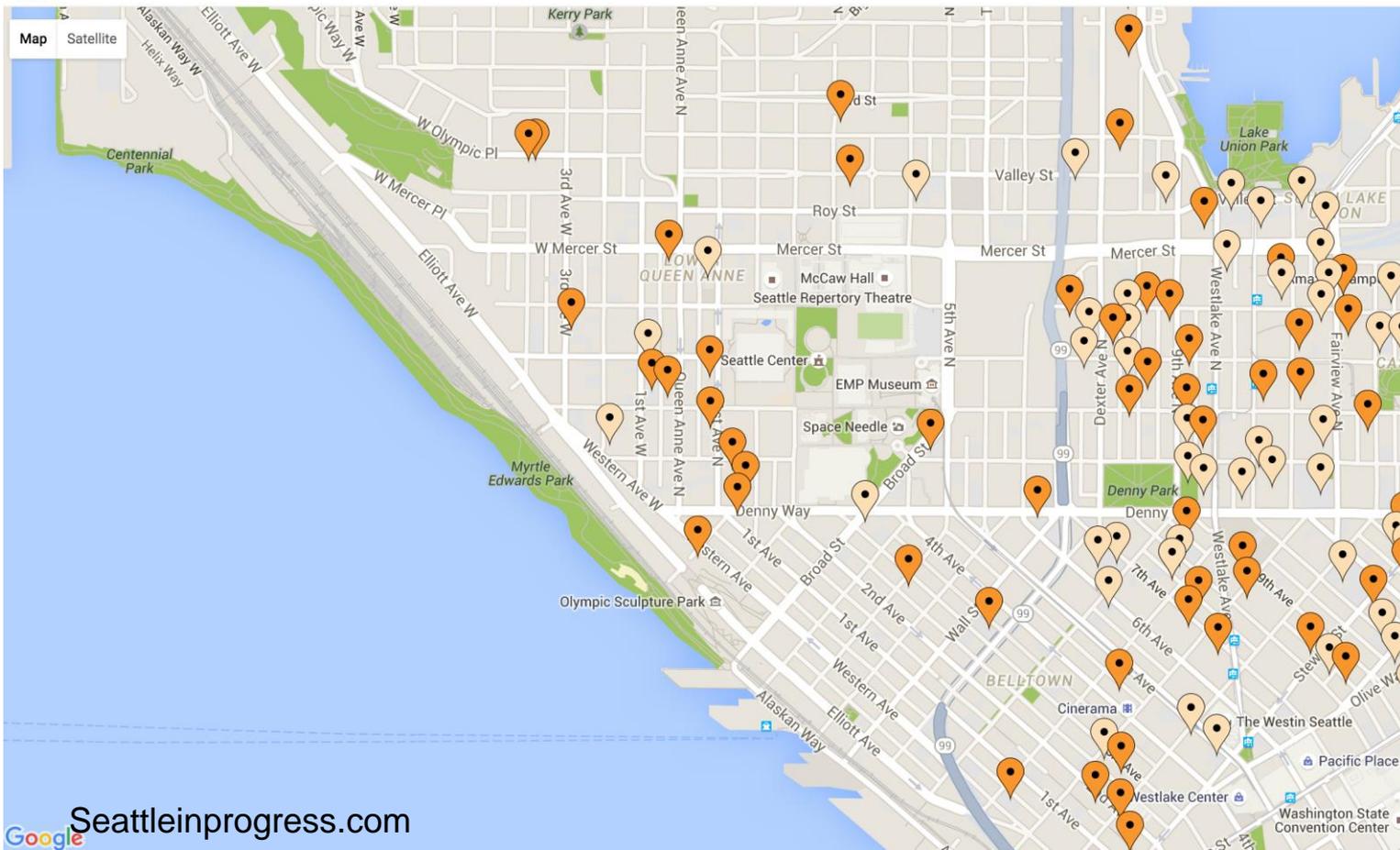


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# Civic Hacker Applications



Seattle in Progress



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# Open Data in Consumer Applications



Find tacos, cheap dinner, Max's

Near San Francisco, CA



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[Log In](#)

[Los Compadres Taco Truck](#) > Health Inspections

## Los Compadres Taco Truck

August 19, 2015 — Routine Inspection

### Violations

- Food safety certificate or food handler card not available
- Inadequate ventilation or lighting
- Inadequate and inaccessible handwashing facilities
- Mobile food facility with unapproved operating conditions [ date violation corrected: 8/19/2015 ]
- Moderate risk food holding temperature

### Inspections

Date	Inspection Type	Violations	Score
August 19, 2015	Routine	5	81
April 8, 2015	Routine	2	92
June 17, 2014	Routine	1	96
April 22, 2014	Routine	2	94
June 3, 2013	Routine	1	90

### Health Inspection

81

out of 100

### About Yelp Health Inspections

We collect public inspection data directly from your local health department. Due to the local health department's inspection schedule as well as the time it takes to pass that information on to us, it is possible that we may not display the most recent inspection data. Please report any unreasonable delay and data inaccuracies to your local health department via their [website](#) or [email](#).

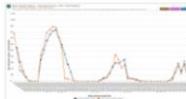


Socrata



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### Budget - 2016 Budget Recommendations - Appropriations - Graph

2016 budget appropriation recommendations by department proposed by the mayor to the city council.

Search

#### View Types

- Data Lens pages [What's this?](#)
- Datasets
- Charts
- Maps
- Calendars
- Filtered Views
- External Datasets
- Files and Documents
- Forms
- APIs

#### Categories

- Administration & Finance
- Buildings
- Community & Economic Development
- Education
- Environment & Sustainable Development

[View All](#)

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# City of Chicago on Github

This repository Search Pull requests Issues Gist

Chicago / RSocrata Watch 21 Star 55 Fork 32

Provides easier interaction with Socrata open data portals <http://dev.socrata.com>. Users can provide a 'Socrata' data set resource URL, or a 'Socrata' Open Data API (SoDA) web query, or a 'Socrata' "human-friendly" URL, returns an R data frame. Converts dates to 'POSIX' format. Manages throttling by 'Socrata'.  
<https://cran.r-project.org/web/packages/RSocrata>

180 commits 3 branches 9 releases 5 contributors

Branch: master RSocrata / +

R 3.2.1 wants all URLs in canonical form--has been changed

tomschenkjr authored on Jul 12 latest commit b681661d7d

R	update travis, and add 2 exported methods	3 months ago
man	do include man dir	3 months ago
tests	no need for curl lib	3 months ago
.Rbuildignore	Remove NEWS.md from build to avoid NOTE	3 months ago
.gitignore	do include man dir	3 months ago
.travis.yml	update travis, and add 2 exported methods	3 months ago
CONTRIBUTING.md	update contributing.md to reflect the change to testthat	3 months ago
DESCRIPTION	Build number bump and date change	3 months ago
LICENSE	Updated copyright year	10 months ago
NAMESPACE	update travis, and add 2 exported methods	3 months ago
NEWS.md	update readme (#48); split news/changelog to its own file (better user...	3 months ago
README.md	R 3.2.1 wants all URLs in canonical form--has been changed	3 months ago
RSocrata.Rproj	smaller changes	3 months ago
appveyor.yml	update travis and add back :::	3 months ago

om... README.md

Code Issues 19 Pull requests 2 Wiki Pulse Graphs

HTTPS clone URL <https://github.com>

You can clone with HTTPS, SSH, or Subversion

Clone in Desktop Download ZIP

# Rsocrata on CRAN

## RSocrata: Download 'Socrata' Data Sets as R Data Frames

Provides easier interaction with Socrata open data portals <http://dev.socrata.com>. Users can provide a 'Socrata' data set resource URL, or a returns an R data frame. Converts dates to 'POSIX' format. Manages throttling by 'Socrata'.

Version: 1.6.2-10  
Depends: R (≥ 3.0.0)  
Imports: [httr](#) (≥ 1.0.0), [jsonlite](#) (≥ 0.9.16), [mime](#) (≥ 0.3)  
Suggests: [testthat](#) (≥ 0.10.0), [roxygen2](#) (≥ 4.1.0)  
Published: 2015-07-13  
Author: Hugh Devlin, Ph. D., Tom Schenk, Jr., and John Malc  
Maintainer: "Tom Schenk Jr." <developers at cityofchicago.org>  
BugReports: <https://github.com/Chicago/RSocrata/issues>  
License: [MIT](#) + file [LICENSE](#)  
URL: <https://github.com/Chicago/RSocrata>  
NeedsCompilation: no  
Materials: [README](#)  
In views: [WebTechnologies](#)  
CRAN checks: [RSocrata results](#)

### Downloads:

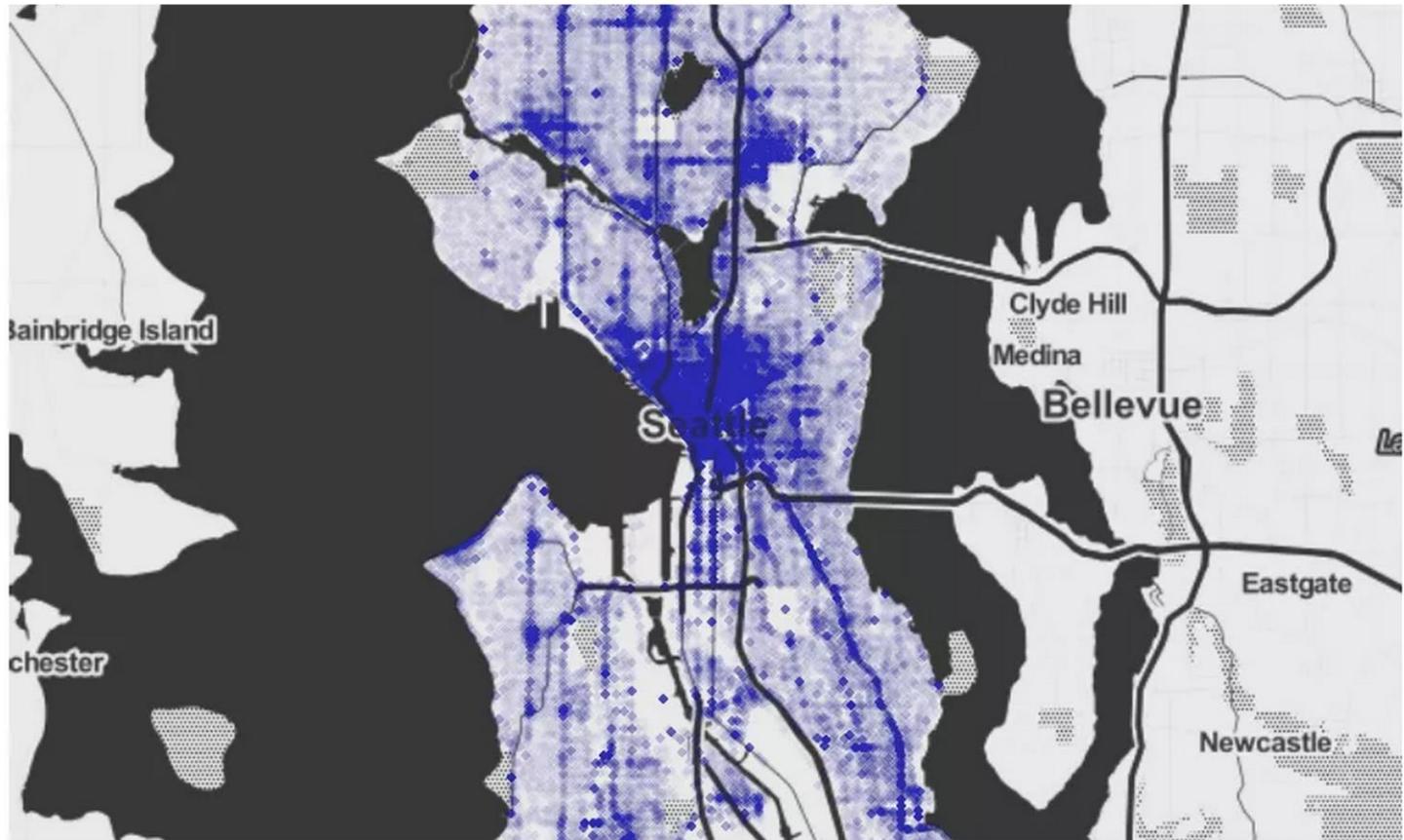
Reference manual: [RSocrata.pdf](#)  
Package source: [RSocrata 1.6.2-10.tar.gz](#)  
Windows binaries: r-devel: [RSocrata 1.6.2-10.zip](#), r-release: [RSocrata 1.6.2-10.zip](#), r-oldrel: [RSocrata 1.6.2-10.zip](#)  
OS X Snow Leopard binaries: r-release: [RSocrata 1.6.0-12.tgz](#), r-oldrel: [RSocrata 1.6.0-12.tgz](#)  
OS X Mavericks binaries: r-release: [RSocrata 1.6.2-10.tgz](#)  
Old sources: [RSocrata archive](#)

### Seattle Police Department 911 Incident Response

This dataset is all the Police responses to 9-1-1 calls within the city. Police response data shows all officers dispatched. To protect the

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	CAD CDW ID	CAD Event Numbr	General Offense N	Event Clearance C	Event Clearance D	Event Clearance S	Event Clearance G	Event Clearance D	Hundred Block Loc	District/Sector	Zone/Beat	Census Tract	Longitude
1	1574741	15000352183	2015352183	141	LEWD CONDUCT	LIQUOR VIOLATIO	LEWD CONDUCT	10/08/2015 03:28:0	39XX BLOCK OF S B		B3	5400.4013	-122.34
2	1574742	15000352182	2015352182	161	TRESPASS	TRESPASS	TRESPASS	10/08/2015 03:25:0	22XX BLOCK OF W D		D2	7300.3020	-122.33
3	1574747	15000352034	2015352034	350	HAZARDS	HAZARDS	HAZARDS	10/08/2015 03:15:0	9XX BLOCK OF RA G		G3	9400.2007	-122.30
4	1574746	15000352138	2015352138	064	SHOPLIFT	THEFT	SHOPLIFTING	10/08/2015 03:13:0	15XX BLOCK OF 1 Q		Q1	5802.2025	-122.37
5	1574735	15000352252	2015352252	064	SHOPLIFT	THEFT	SHOPLIFTING	10/08/2015 03:11:0	14XX BLOCK OF 3 M		M3	8100.2015	-122.33
6	1574743	15000352181	2015352181	245	DISTURBANCE, O'	DISTURBANCES	DISTURBANCES	10/08/2015 03:11:0	1XX BLOCK OF PIH M		M1	8100.3003	-122.3
7	1574731	15000352173	2015352173	245	DISTURBANCE, O'	DISTURBANCES	DISTURBANCES	10/08/2015 03:10:0	S MAIN ST / 1 AV E K		K2	9200.2023	-122.33
8	1574736	15000352227	2015352227	171	PARKS EXCLUSIO	PARKS EXCLUSIO	MISCELLANEOUS	10/08/2015 03:10:0	1XX BLOCK OF S \ K		K2	9200.2023	-122.33
9	1574729	15000352237	2015352237	281	SUSPICIOUS VEHI	SUSPICIOUS CIRC	SUSPICIOUS CIRC	10/08/2015 03:08:0	15XX BLOCK OF 2 M		M3	8100.2007	-122.33
10	1574733	15000352129	2015352129	430	MOTOR VEHICLE	TRAFFIC RELATE	MOTOR VEHICLE	10/08/2015 03:07:0	76XX BLOCK OF S U		U3	4000.1004	-122.26
11	1574734	15000352068	2015352068	141	LEWD CONDUCT	LIQUOR VIOLATIO	LEWD CONDUCT	10/08/2015 03:05:0	AURORA AV N / N B		B2	3500.2039	-122.34
12	1574732	15000352155	2015352155	350	HAZARDS	HAZARDS	HAZARDS	10/08/2015 03:04:0	WEST SEATTLE BI F		F1	9900.2016	-122.36
13	1574730	15000352231	2015352231	245	DISTURBANCE, O'	DISTURBANCES	DISTURBANCES	10/08/2015 03:02:0	1XX BLOCK OF S \ K		K2	9200.2023	-122.33
14	1574723	15000352225	2015352225	460	TRAFFIC (MOVING	TRAFFIC RELATE	TRAFFIC RELATE	10/08/2015 03:00:0	85XX BLOCK OF 3 J		J1	1701.1014	-122.36
15	1574724	15000352218	2015352218	460	TRAFFIC (MOVING	TRAFFIC RELATE	TRAFFIC RELATE	10/08/2015 02:57:0	14XX BLOCK OF 2 C		C3	7700.3017	-122.30
16	1574728	15000352014	2015352014	040	ASSAULTS, OTHE	ASSAULTS	ASSAULTS	10/08/2015 02:57:0	4 AV / MARION ST K		K1	8100.2030	-122.33
17	1574719	15000352116	2015352116	330	CASUALTY (NON C	CASUALTIES	PERSON DOWN/IN	10/08/2015 02:49:0	1XX BLOCK OF 26 C		C3	7700.4009	-122.29
18	1574721	15000352009	2015352009	041	HARASSMENT, TH	THREATS, HARAS	THREATS, HARAS	10/08/2015 02:44:0	26XX BLOCK OF S F		F2	11401.1006	-122.36
19	1574716	15000352185	2015352185	245	DISTURBANCE, O'	DISTURBANCES	DISTURBANCES	10/08/2015 02:44:0	40XX BLOCK OF 3 W		W2	9800.3021	-122.38
Totals	1120889												







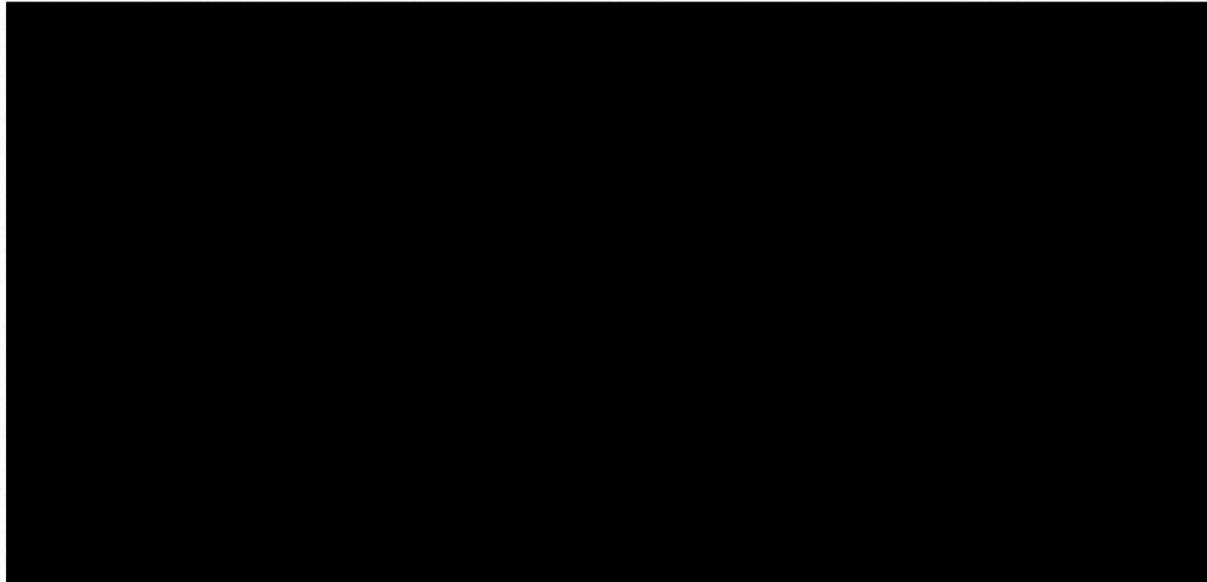
310



42



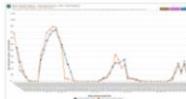
## University of Washington student predicts crime in Seattle





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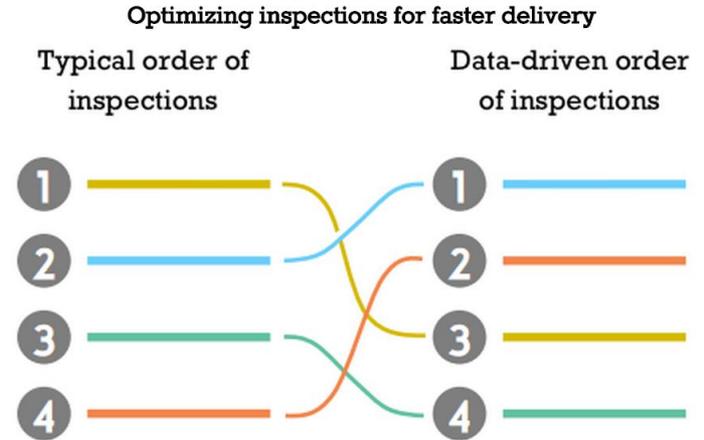
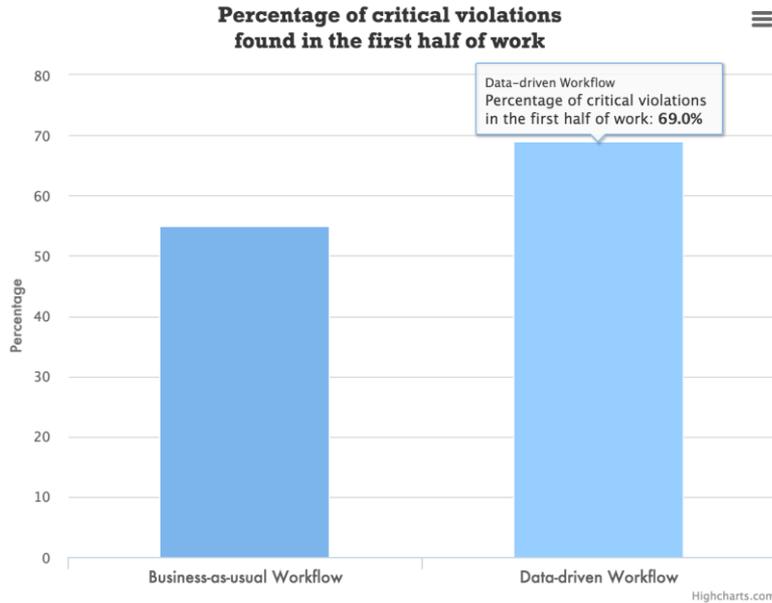


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# Chicago Food Inspections



# Data Analysis Before Data Science

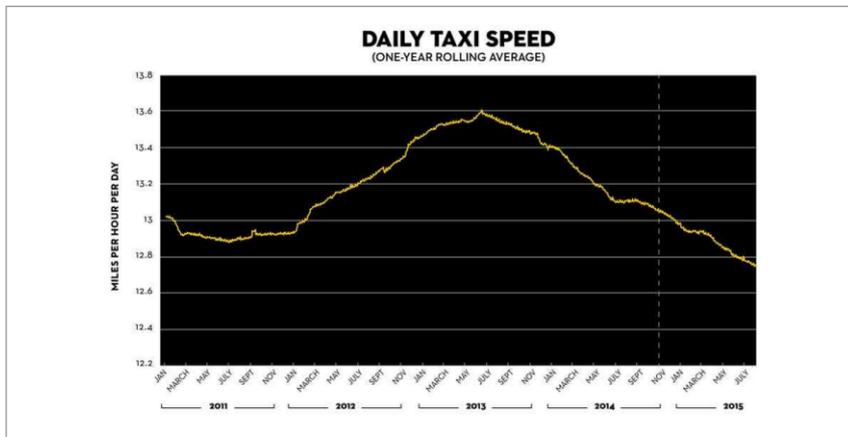
iquantny.tumblr.com  
Ben Wellington

## Open Data Leaves Open Questions: Exploring Uber's Impact on NYC Traffic

Earlier this month, something new and exciting happened: the Taxi and Limousine Commission (T.L.C.) released [data](#) on every cab ride taken in the past year and a half. Besides being a big step forward for the city's Open Data initiative, the release may help answer questions about traffic speeds, since taxis are good proxies for the rest of the New York's vehicles. Using the distance travelled and the time taken for each trip, plus some elementary physics, we can compute the average speed of taxis on any given day.

Though I did a full writeup in The New Yorker [here](#), some highlights of the findings include:

- The average speed of cabs actually improved from 2011 to mid 2013, despite the addition of Ubers and other For Hire Vehicles during that time.
- A taxi speed decrease was happening well before NYC reduced its speed limit
- The rate of decrease has actually been slowing down as Uber has ramped up more aggressively this year, something which is the opposite of what you might expect if Uber were the primary cause for slower speeds.



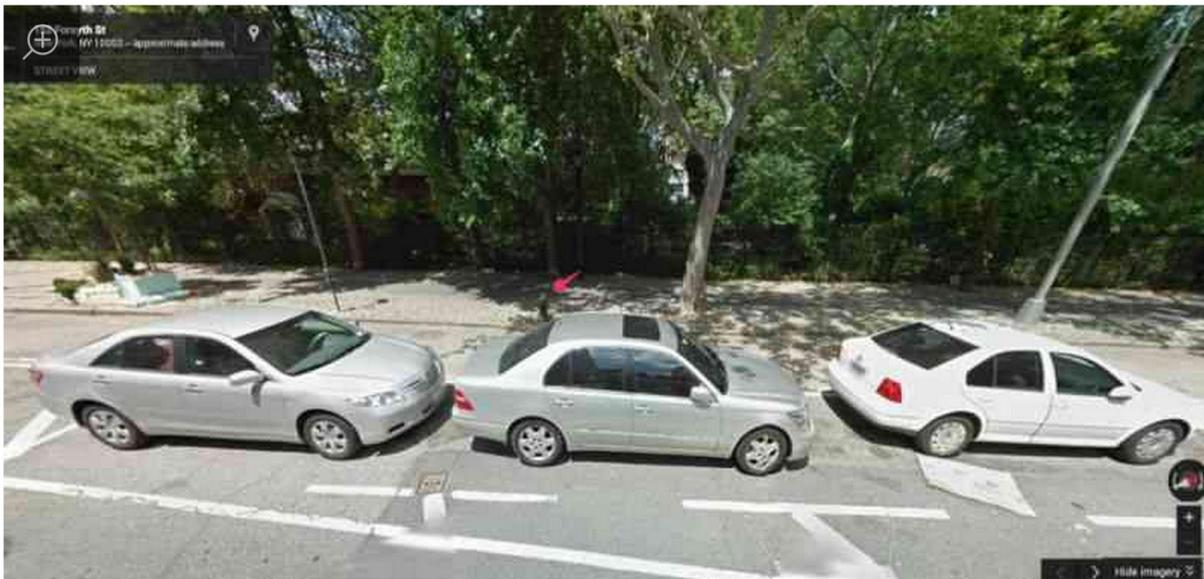


Sarah Zhang

Filed to: OPEN DATA 6/04/14 12:40pm

168 🔥 5 ☆ ▾

## Justice! The Fire Hydrant That Earned NYC \$33,000 a Year Is No More



Last month, we told you about one ambiguously marked fire hydrant that netted New York City \$33,000 a year in parking tickets. (Yup, that's more than minimal wage! For a fire hydrant!) Thanks to open data and [sleuthing by I Quant NY's](#)

Iquantny.tumblr.com  
Ben Wellington

**Insights, not applications, are actionable to government officials**



# Socrata Developer Portal

</> SODA Developers

⚙️ App Developers ▾

📄 Data Publishers ▾

📖 API Docs ▾

📦 Libraries & SDKs

Search



10 PRINT "OPEN DATA!"  
20 GOTO 10

need a hand?

✖ go away

## Build something awesome with Open Data!

The Socrata Open Data API allows you to programatically access a wealth of open data resources from governments, non-profits, and NGOs around the world. Click the link below and try a live example right now.

🔗 <https://data.ct.gov/resource/hma6-9xbg.json?category=Fruit&item=Peaches>

⚙️ App Developers

Looking to use open data as part of

📦 Libraries & SDKs

Support for most popular programming

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